

# Annotated checklist of the beetles (Coleoptera) of the California Channel Islands (#78274)

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First submission

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# Annotated checklist of the beetles (Coleoptera) of the California Channel Islands

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The beetle fauna of the California Channel Islands is here enumerated for the first time in over 120 years. We provide an annotated checklist documenting species-by-island diversity from an exhaustive literature review and analysis of a compiled dataset of 26,609 digitized specimen records to which were added over 3,000 individual specimen determinations. We report 824 unique species from 512 genera and 71 families (including 17 new family records) comprising 1,825 species-by-island records. Species totals for each island are as follows: Anacapa (74); San Clemente (196); San Miguel (138); San Nicolas (146); Santa Barbara (64); Santa Catalina (368); Santa Cruz (503); and Santa Rosa (336). This represents the largest list of species published to date for any taxonomic group of animals on the Channel Islands; despite this, we consider the checklist to be preliminary. We present evidence that both inventory and taxonomic efforts on Channel Islands beetles are far from complete. Rarefaction estimates indicate there are at least several hundred more species of beetles yet to be recorded from the islands. Despite the incomplete nature of existing records, we found that species diversity is highly correlated with island area. We report 56 species which are putatively geographically restricted (endemic) to the Channel Islands, with three additional species of questionable endemic status. We also report 50 species from the islands which do not natively occur in the southern California region.

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## Abstract

The beetle fauna of the California Channel Islands is here enumerated for the first time in over 120 years. We provide an annotated checklist documenting species-by-island diversity from an exhaustive literature review and analysis of a compiled dataset of 26,609 digitized specimen records to which were added over 3,000 individual specimen determinations. We report 824 unique species from 512 genera and 71 families (including 17 new family records) comprising 1,825 species-by-island records. Species totals for each island are as follows: Anacapa (74); San Clemente (196); San Miguel (138); San Nicolas (146); Santa Barbara (64); Santa Catalina (368); Santa Cruz (503); and Santa Rosa (336). This represents the largest list of species published to date for any taxonomic group of animals on the Channel Islands; despite this, we consider the checklist to be preliminary. We present evidence that both inventory and taxonomic efforts on Channel Islands beetles are far from complete. Rarefaction estimates indicate there are at least several hundred more species of beetles yet to be recorded from the islands. Despite the incomplete nature of existing records, we found that species diversity is highly correlated with island area. We report 56 species which are putatively geographically restricted (endemic) to the Channel Islands, with three additional species of questionable endemic status. We also report 50 species from the islands which do not natively occur in the southern California region.

## Introduction

The California Channel Islands are an archipelago of eight main islands between 20 and 98 km off the coast of southern California, USA. Often referred to as “North America’s Galápagos”, the biological diversity of the California Channel Islands has long captured the attention of natural historians of western North America. Detailed information about the islands’ geography, geologic history, natural history, and history of human activity may be found in many other publications, especially Schoenherr et al. (1999) and Moody (2000); Miller (1985a) provided an introduction to the history of entomology of the islands.

Attempts to document species diversity of the islands have been scattered and unequal across taxonomic groups, with most organismal groups not having a reliable checklist or taxonomic treatment completed and made available. The largest published list is that of Ratay, Vanderplank & Wilder (2014) which cited 976 vascular plant taxa from the California Channel Islands, including species (922), subspecies, varieties, and forms, of which 278 taxa are nonnative; Carter (2015) provided a list of 157 bryophyte species from the islands. Within animals, vertebrates are best documented: Mammalia – 34 species, including 14 native and 20 nonnative (von Bloeker 1965); Amphibia – 8 species (Nafis 2022); Reptilia – 16 species and subspecies (Nafis 2022); Aves – 422 species (Collins & Jones 2015). Several non-beetle insect groups have published inventories for all California Channel Islands: Dermaptera – two species, both nonnative (Miller 1984); Orthoptera – 54 species (Weissman & Rentz 1976; Weissman

61 1985), list/guide published in Rentz & Weissman (1982); Hemiptera: Sternorrhyncha:  
62 Pseudococcidae – 43 species (Rust, Menke & Miller 1985), list published in same; Lepidoptera –  
63 purportedly >800 species (Powell 1994, 2005), but no species list published; Hymenoptera:  
64 Apoidea – 243 species (Rust, Menke & Miller 1985), list published in same.

65 Prior efforts at inventorying the beetles of the California Channel Islands have been  
66 significant yet have not resulted in a published list of species for over a century. Fall (1897)  
67 made the first attempt at a comprehensive list of the species of Coleoptera of the southern  
68 California islands, including the Channel Islands and Guadalupe Island, Mexico. He recorded  
69 212 species from the Channel Islands. Fall & Davis (1934) recorded 51 species of Coleoptera  
70 from Santa Cruz Island. Darlington (1943: 54-55) made general observations about the carabid  
71 beetle fauna of the “Santa Barbara Islands” but presented no new taxon or island records. Miller  
72 (1985a) recorded 36 endemic beetle species from the Channel Islands (not including the 10  
73 endemic species of *Trigonoscuta*), plus two additional endemic subspecies. Miller & Miller  
74 (1985) reported 52 species of Coleoptera from Santa Barbara Island. Elbert L. Sleeper  
75 purportedly had an unpublished beetle list for Santa Catalina Island, with 330 species (see  
76 Caterino & Chandler 2010). Scott E. Miller (unpublished data) had a checklist of 225 beetle  
77 species prior to the efforts of the California Beetle Project (Caterino, Chatzimanolis & Richmond  
78 2015: 279). Caterino Caterino, Chatzimanolis & Richmond (2015) reported on an unpublished  
79 list of “over 640 named species of beetles” from the Channel Islands.

80 We here report, for the first time since 1897, a comprehensive list of Coleoptera species  
81 from the Channel Islands annotated with full supporting citations, specimen records, taxonomic  
82 authority, and notes.

83

## 84 **Materials & Methods**

85

86 To generate a comprehensive list of the Coleoptera known from the Channel Islands, we  
87 utilized two primary data streams: published literature and digitized specimen records. We also  
88 physically examined specimens from several institutions to complement and refine the specimen-  
89 level data delivered by them. Our methods generally follow those suggested by Johnston, Aalbu  
90 & Franz (2018) to create a thoroughly traceable checklist to encourage a verified, reproducible,  
91 and readily updated product. Specific methods for each data type are discussed below with  
92 an assessment of their strengths and limitations.

93

### 94 **Harvesting published literature records**

95 The taxonomic and faunistic literature for Coleoptera of North America is incredibly  
96 expansive and intractable for a single research team to fully scour. Nevertheless, a rigorous  
97 review of the literature was attempted to identify Channel Islands distribution records. The  
98 comprehensive bibliographies for California Island entomology by Miller & Menke (1981),  
99 Miller (1985b), and Miller (1993) were used as a baseline. We then examined literature sources  
100 we were familiar with, particularly those published after the last (1993) supplement, and finally

101 broadened the literature search by searching for keywords of “Channel Islands” and  
102 “Coleoptera” as well as by examining modern works that treated species and genera of beetles  
103 known to occur in California. Gray literature was generally not consulted for additional species  
104 or island records, although specimens resulting from such works made available as voucher  
105 specimens in institutional collections were frequently encountered. The result, we believe, is a  
106 thorough baseline literature review across all relevant publications. Every publication was vetted  
107 by us and a full citation with page number was generated for every island record of a taxon the  
108 publication presented.

109 Literature records, especially those from authoritative taxonomic revisions, can provide  
110 some of the best information available for Channel Island Coleoptera. In particular, revisionary  
111 studies are often based upon borrowed material from many institutions and likely report on  
112 specimens that have not yet been digitized and made available by the owning institutions.  
113 Conversely, historical literature records may often be doubtful as taxonomic names and concepts  
114 have shifted through time. Similarly, some publications do not cite particular specimens so a  
115 proper vetting of the island records may never be fully possible.

116 Future revisionary works and taxon-specific studies may overturn some of the records  
117 reported in the literature. However, we have here reported all such taxa and literature citations in  
118 order to make them transparent for future researchers. In the event of a publication explicitly  
119 discounting earlier published records or ascribing them to new taxa, the original citations are  
120 included in the notes under each taxon, while the island records presented have been adjusted  
121 according to more recent authorities. Notes under each taxon detail any perceived ambiguities,  
122 irregularities, or importance for each literature citation.

123

#### 124 **Harvesting digitized specimen records**

125 Natural history collections house the primary distributional data for insects. Each  
126 collection has idiosyncratic strengths which are often a result of the activities of its workers  
127 through time. For the Channel Islands, material is scattered throughout the world’s collections  
128 and even collections with limited holdings from the region may contain valuable species records  
129 that correspond to taxonomic expertise of its staff. Visiting all collections and examining every  
130 island beetle within them is impractical and inefficient for building a checklist. Therefore, we  
131 have focused on publicly available digitized specimen records for Channel Islands Coleoptera.

132 *Data sources.* Our dataset is built upon three primary groups of specimen records: (1) the  
133 beetle holdings of the Natural History Museum of Los Angeles County (LACM), which contains  
134 vast amounts of historical island survey material; (2) the beetle holdings of the Santa Barbara  
135 Museum of Natural History (SBMNH), which has a focus on both Coleoptera and the Channel  
136 Islands; and (3) digitized records available from the Symbiota Collections of Arthropods  
137 Network (SCAN, <https://scan-bugs.org>). The holdings from LACM and SBMNH are fully (or  
138 very nearly) digitized to the specimen level. The records from SCAN were compiled by  
139 performing two searches of the portal (in November 2020): (1) taxon “Coleoptera” within a  
140 polygon drawn around all eight Channel Islands, and (2) taxon “Coleoptera” with state

141 “California” and “island” contained in the locality. Specimens from the following institutional or  
 142 personal collections appear in our checklist:

143

144	ASUHC	Arizona State University Hasbrouck Insect Collection, Tempe, AZ, USA
145	AUMNH	Auburn University Museum of Natural History, Auburn, AL, USA
146	BYUC	Brigham Young University Arthropod Collection, Provo, UT, USA
147	CASC	California Academy of Sciences, San Francisco, CA, USA
148	CSCA	California State Collection of Arthropods, Sacramento, CA, USA
149	CSUC	Colorado State University Insect Collection, Fort Collins, CO, USA
150	DMNS	Denver Museum of Nature and Science, Denver, CO, USA
151	EMEC	Essig Museum, University of California Berkeley, Berkeley, CA, USA
152	JNRC	Jacques N. Rifkind Collection, Sacramento, CA, USA
153	SEMC	Snow Entomological Museum, University of Kansas, Lawrence, KS, USA
154	LACM	Natural History Museum of Los Angeles County, Los Angeles, CA, USA
155	MAJC	M. Andrew Johnston Research Collection, Tempe, AZ, USA
156	SBMNH	Santa Barbara Museum of Natural History, Santa Barbara, CA, USA
157	SDNHM	San Diego Natural History Museum, San Diego, CA, USA
158	TAMU	Texas A&M University Insect Collection, College Station, TX, USA
159	UCMC	University of Colorado Museum of Natural History, Boulder, CO, USA
160	UCRC	University of California Riverside Insect Collection, Riverside, CA, USA
161	UCSB	University of California Santa Barbara, Santa Barbara, CA, USA
162	USNM	United States National Museum of Natural History (Smithsonian Institution), 163 Washington, DC, USA
164	UTCI	University of Tennessee Chattanooga, Chattanooga, TN, USA
165	UASM	University of Alberta Strickland Entomology Museum, Edmonton, AB, Canada
166	YPMC	Yale Peabody Museum of Natural History, New Haven, CT, USA
167	iNat	iNaturalist Research Grade Observations ( <a href="https://inaturalist.org">https://inaturalist.org</a> )

168

169 *Specimen determinations.* Specimen records came with determination information from  
 170 the original data providers. In addition, 3,309 taxonomic redeterminations/annotations were  
 171 made by us. Most of these (2,352) were performed on specimens examined in person at  
 172 SBMNH, LACM, and the UCSB collections. Additional nomenclatural adjustments (957) were  
 173 made for records that had obvious misspellings or old combinations.

174 *Data cleaning.* All data were imported into the Symbiota portal Ecdysis  
 175 (<https://serv.biokic.asu.edu/ecdysis/>) utilizing best practices according to the Darwin Core data  
 176 standard and FAIR (Findable, Accessible, Interoperable, Reusable) data principles. All records  
 177 were examined and georeferenced (where not previously done) and added to island-specific  
 178 datasets. California “island” records not located in the Channel Islands (e.g., “Farallon Islands”)  
 179 were excluded. Throughout this process, the owner institution and metadata were preserved with  
 180 each record. Records that were deemed untrustworthy, typically due to a mismatch in locality

181 data and provided GPS coordinates or records lacking any data, were pruned from the dataset.  
182 The final set of records numbered 26,609; these are fully available in their final, cleaned form  
183 (Johnston & Gimmel 2022).

184 *Excluded specimen data.* Digitized data for insects is not yet as complete or mature as for  
185 other groups of organisms (e.g., vertebrates and plants). Many collections have no specimens  
186 digitized and most are only partially digitized. This issue is compounded by the fact that not all  
187 museums share their data publicly or do not frequently refresh their data to online aggregators. In  
188 addition, online taxonomic resources are woefully incomplete for insects, particularly beetles, so  
189 many publicly available records are not appropriately indexed to family or order level. With each  
190 of these hurdles, otherwise valuable records are in effect made unavailable to research projects  
191 like this one. Other websites (e.g., California Beetle Project) occasionally provided additional  
192 species or specimen information, but these were ignored as unverifiable since they do not have a  
193 unique identifier to relocate the presumed specimen(s) anchoring the record. We hope to see  
194 increased focus on the Channel Islands by coleopterists in the future where taxonomic experts  
195 can continue to add to and refine the knowledge aggregated and summarized in this work.

196

#### 197 **Checklist validation**

198 Each taxon listed from the islands was critically examined as part of our literature review.  
199 In addition, we examined any records of taxa not known from southern California and, where  
200 possible, confirmed the identification of the physical specimen. The most modern and reliable  
201 treatments for all taxa were used for determining taxon validity, and were cited in full.

202 Non-unique order, family, or genus records in the literature were generally ignored for  
203 purposes of this checklist. For example, if a record was identified only to the genus level where a  
204 species from that genus was already known from the Channel Islands, that was not considered a  
205 new taxon for the tally. In cases where only genus-level or higher records are known for a given  
206 taxon, then that taxon was included in the species count as an undetermined species of the genus  
207 (or “undetermined genus and species” for a family in one case). All digitized and literature  
208 records are included for the genus level; many of these represent unique island records for that  
209 group. Subspecies were not counted as separate taxa in our checklist; instead, subspecies are  
210 thoroughly discussed under each species where relevant.

211 Numbers quoted in the family accounts for California beetle diversity are mostly derived  
212 from an unpublished checklist of author MLG with other sources being cited when used. We do  
213 not include general biological information except in special cases and except as it relates  
214 specifically to island-collected or island-observed specimens; such biological information can be  
215 found in more general guides and references.

216 We cite the most relevant work where we derived our taxon name, combination, and  
217 authority from as the nomenclatural authority. This is often the most recent catalog, revision, or  
218 book chapter known to us. Many of the groups represented across the California Channel Islands  
219 are in desperate need of revision and have a long and complicated taxonomic history. We  
220 anticipate that taxonomic experts will come to different and novel conclusions than historical

221 workers who have published on the Channel Islands and identified material in collections. It is  
222 with this in mind that we strive to explicitly document all name usages such that they can be  
223 tracked, validated, and updated by future generations of coleopterists (see also Johnston et al.  
224 2018).

225

### 226 **Biogeographic and diversity analyses**

227 Our final species list and dataset of digitized specimen records were analyzed to explore  
228 trends and correlations using R (R Core Team 2022). Species diversity from each island was  
229 plotted against geographic and rainfall data for each island (taken from Miller 1985) using linear  
230 models in the R ggplot2 software package (Wickham 2016). The final digitized record dataset  
231 (i.e., not counting literature records but including identifications to higher taxon ranks as a single  
232 unique taxon) was used to generate specimen totals for each unique taxon on each island and  
233 totals for each taxon pooled across all of the islands. Totals for each species by island were  
234 further pooled into collecting events where all records with the same collector (recordedBy field)  
235 and collection date (eventDate field) were considered to belong to the same collecting event to  
236 examine possible limitations of the dataset. Total specimen counts were analyzed in a rarefaction  
237 and extrapolation species diversity analysis using the R iNEXT software package (Chao et al.  
238 2014) to generate both rarefaction curves and an estimate of actual species diversity given the  
239 observed. An annotated R script with raw data is available via Zenodo (Johnston 2022).

240

241

## 241 **Results & Discussion**

242

243 We here provide an annotated checklist of 824 unique species (= taxa) comprising 1,825  
244 species-by-island records (see checklist below). Individual island species counts and geographic  
245 data are given in Table 1. Curated digitized specimen records are archived and available on  
246 Zenodo (Johnston and Gimmel 2022).

247 We report 56 species putatively restricted to the Channel Islands along with three more  
248 that are questionably so. This represents a 22% increase in the number of known endemic species  
249 since Miller (1985a), which is mostly accounted for by recognition of newly described and still-  
250 undescribed endemic species. An additional 50 species in the fauna are not native to the southern  
251 California region.

252 Beetle diversity on individual islands was plotted against island and dataset  
253 characteristics to elucidate potential driving factors and biases in our results. Beetle diversity is  
254 extremely strongly correlated with island land area with a linear relationship (Fig. 1A) but not  
255 with island distance to mainland (Fig. 1B). Interestingly, species richness was linearly, and not  
256 logarithmically, correlated with island area, which is counter to Darlington's rule hypothesizing a  
257 doubling of species for each ten-fold increase in island area (Darlington 1957). Our finding is  
258 similar to that of Moody (2000) for native vascular plants on the Channel Islands; however,  
259 Powell (1994) found only a weak species-area relationship in Channel Islands Lepidoptera.  
260 While observed species richness could be the result of bias in sampling effort, the number of

261 species on an island did not strongly correlate with the number of digitized records (Fig. 2A).  
262 The number of records showed a similar relationship with the size of the island (Fig. 2B),  
263 perhaps indicating a somewhat even sampling per island area.

264 The distribution of the number of islands a single species inhabits (Fig. 3A) was strongly  
265 left-skewed with over 50% being recorded from just a single island. However, numbers of  
266 specimens and collecting events per species across all islands were also highly left-skewed (Fig.  
267 3B, C); in fact, 154 species (19% of the fauna) in our list are represented by a single digitized  
268 specimen (Fig. 3B) while 248 species (30% of the fauna) are represented by a single digitized  
269 collecting event (i.e., a series of specimens which had identical values for collector and date)  
270 (Fig. 3C). The observed distribution patterns may therefore not be a true reflection of biological  
271 diversity but are likely subject to bias from insufficient sampling.

272 Species richness on each island is likely still far from fully documented (Table 2, Fig. 4).  
273 The entire island beetle fauna seems to have at least several hundred species still undocumented  
274 (Fig. 4C). Interestingly, the smallest islands, Anacapa (Fig. 4A) and Santa Barbara (Fig. 4B),  
275 appear to be the least completely inventoried (62.1% and 63.1% estimated complete,  
276 respectively; Table 2). Santa Cruz, at 87.7% estimated complete, appears to be the most  
277 completely inventoried island (Fig. 4A; Table 2).

278 The ten most species-rich families on the islands are: Staphylinidae (105 species),  
279 Carabidae (87 species), Curculionidae (64 species), Tenebrionidae (61 species), Coccinellidae  
280 (43 species), Scarabaeidae (41 species), Chrysomelidae (38 species), Cerambycidae (34 species),  
281 Hydrophilidae (32 species), and Melyridae (27 species). The three most species-rich genera on  
282 the islands are, with 11 species each: *Eleodes* (Tenebrionidae), *Scymnus* (Coccinellidae), and  
283 *Trigonoscuta* (Curculionidae); *Bembidion* (Carabidae) follows closely behind with 10 species.  
284 Table 3 lists all species reported in the annotated checklist below and summarizes their status  
285 (native vs. adventive) and known island-level distribution.

286

### 287 **Notable taxa**

288 In this section we highlight some island-specific findings notable for their taxonomic or  
289 biogeographic implications, and highlight taxa in need of further investigation. For specific  
290 island records and other details, please refer to the taxon entries in the main checklist.

291 Among Carabidae, the subgenus *Pterostichus* (*Hypherpes*), a California-centric  
292 subgenus, is **in serious need of investigation**; currently there are six “known” species from the  
293 islands, including one putative endemic, but their taxonomy needs revision. *Amara insularis* is  
294 currently considered endemic and occurring on all islands, but based on investigation of  
295 hundreds of specimens housed in SBMNH (MLG, personal observation) this species is  
296 questionably distinct from mainland (and island) *A. insignis*.

297 Among non-endemic taxa, a few are notable for having flightless females, yet have  
298 clearly dispersed from source populations on the mainland: *Anorus piceus* (Dascillidae), *Pterotus*  
299 *obscuripennis* (Lampyridae), and *Zarhipis integripennis* (Phengodidae).

300           Apparently undescribed, and possibly endemic, island species exist in the genera  
301 *Dalopius* (Elateridae), *Mordellistena* (Mordellidae), *Carinodulinka* (Coccinellidae), *Fuchsina*  
302 (Latridiidae), *Dacne* (Erotylidae), *Longitarsus* (Chrysomelidae; at least two species),  
303 *Anthonomus* (Curculionidae), *Gilbertiola* (Curculionidae) (all MLG, personal observation), and  
304 *Phobetus* (Scarabaeidae; at least two species; A Evans, 2021, pers. comm.), as well as the  
305 subfamily Leptotyphlinae (Staphylinidae). Interestingly, the *Fuchsina*, *Gilbertiola*, and  
306 Leptotyphlinae are eyeless and flightless (as is *Pinodytes gibbosus*; Leiodidae), while the two  
307 *Longitarsus* taxa are both flightless with abbreviated elytra; one undescribed *Mordellistena* has  
308 vestigial hind wings. Perhaps most remarkably, one specimen (SBMNH) of Hylesinini  
309 (Curculionidae: Scolytinae) of an undescribed species may represent a new genus near  
310 *Carphobius* (A Cognato & S Smith, 2021, pers. comm.).

311           Taxa needing taxonomic investigation that will almost certainly reveal additional species,  
312 possibly including endemics, are as follows: *Bacanius* species (Histeridae), *Plegaderus* species  
313 (Histeridae), *Anthaxia* species (Buprestidae), *Hyperaspis* species (Coccinellidae), and *Dienerella*  
314 species (Latridiidae).

315           At least 63 known, unique taxa (not including known, undescribed species) still lack  
316 species determinations, predominantly in groups that lack modern taxonomic treatments,  
317 including all or most genera in the Scirtidae, Ptiliidae, Staphylinidae (Aleocharinae, Paederinae,  
318 Scydmaeninae), Salpingidae, Latridiidae, and Brentidae (Apioninae).

319           Island endemic taxa are distributed across many families of Coleoptera; the family with  
320 the highest proportion of endemics was found to be Melyridae, with 13 out of 28 species, or 46%  
321 of the island fauna. This family is the current research focus for MLG, and several of these island  
322 endemics are undescribed and will be receiving treatment in the near future; based on much  
323 recent fieldwork and museum work, the island endemism in this family is believed to be genuine  
324 rather than artefactual. Other families with significant proportions of endemics, either real or  
325 artefactual, include Scarabaeidae (8 out of 41 species, or 20%), Curculionidae (13 out of 64  
326 species, or 20%), Cleridae (2 out of 10 species, or 20%), Tenebrionidae (11 out of 61 species, or  
327 18%), Latridiidae (3 out of 19 species, or 16%), Zopheridae (1 out of 8 species, or 13%), and  
328 Ptinidae (2 out of 25 species, or 8%). Notable genera with endemics include *Coenonycha*  
329 (Scarabaeidae), in which all four species from the islands are endemic; *Serica* (Scarabaeidae),  
330 which contains two endemic species; *Xarifa* (Ptinidae), a genus with one island endemic species  
331 and one rarely collected mainland species, neither of which have been studied since their original  
332 description, or illustrated; and *Trigonoscuta* (Curculionidae), with 10 putative endemic species  
333 that desperately need a taxonomic reassessment.

334

**335 Missing taxa**

336 The balance of available evidence suggests that the Channel Islands have never been  
337 connected to the mainland via a land bridge (Miller 1985a). Consequently, the entire beetle fauna  
338 of the islands was acquired via over-water dispersal events or human-aided transport. As a result,  
339 the fauna is notably depauperate compared to that of the mainland (Miller 1985a). While we do  
340 not provide a comprehensive faunal comparison to the mainland here, we hope that the following  
341 family-level assessment of missing taxa will aid in emphasizing this conclusion, or perhaps serve  
342 to encourage further sampling and scouring of collections to discover the existence on the islands  
343 of these “missing taxa”.

344 Not all families occurring in California are considered to be candidates for missing taxa  
345 from the Channel Islands. These include: Amphizoidae, Archeocrypticidae, Biphyllidae,  
346 Bothrideridae, Brachypsectridae, Cerophytidae, Derodontidae, Diphyllostomatidae,  
347 Eulichadidae, Hybosoridae, Ischaliidae, Mauroniscidae, Megalopodidae, Nosodendridae,  
348 Noteridae, Prostomidae, Ptilodactylidae, Smicripidae, Sphaeritidae, Stenotrachelidae, Teredidae,  
349 Thanerocleridae, and Trachypachidae. These all occur in distant regions of the state and/or are  
350 restricted to elevations or habitat types not present on the Channel Islands, and are not likely to  
351 occur there.

352

**353 Families absent from the Channel Islands but present on nearby mainland**

354 Cupedidae (Archostemata). This family of two genera and two species in California (M  
355 Gimmel, unpublished data) contains a species, *Prolixocupes lobiceps* (LeConte, 1874), widely  
356 distributed across dry areas of southern California that may eventually be found on the Channel  
357 Islands.

358 Eucinetidae (Clamboidea). This family of two genera and three species in California (M  
359 Gimmel, unpublished data) contains at least one widespread coastal species, *Nycteus infumatus*  
360 (LeConte, 1853), that may yet be discovered on the Channel Islands.

361 Schizopodidae (Buprestoidea). This family of three genera and seven species in  
362 California (Nelson et al. 2008) contains species of *Dystaxia* LeConte, 1866 and  
363 *Glyptoscelimorpha* Horn, 1893 present on the nearby mainland.

364 Byrrhidae (Byrrhoidea). This family of three subfamilies, eight genera, and 10 species in  
365 California (M Gimmel, unpublished data), although primarily boreal and montane in distribution,  
366 contains a few taxa occurring along California’s Central Coast south into Santa Barbara and  
367 Ventura counties (SBMNH specimen data).

368 Psephenidae (Dryopoidea). This family of three subfamilies and as many genera and  
369 species in California (Shepard 1993) contains a widely distributed and abundant coastal species,  
370 *Eubrianax edwardsii* (LeConte, 1874), that is conspicuously absent from the Channel Islands.  
371 Lack of suitable microhabitat may explain this absence.

372 Armatopodidae (Elateroidea). This family of two subfamilies, four genera, and six  
373 species in California (M Gimmel, unpublished data) contains a species, *Brevipogon confusus*  
374 (Fall, 1901), widely distributed in the southern half of California (Lawrence 2005).

375 Lycidae (Elateroidea). This family of two subfamilies, five genera, and seven species in  
376 California (M Gimmel, unpublished data), contains at least a couple of species occurring in the  
377 Coast Ranges.

378 Omethidae (Elateroidea). This family of two subfamilies, five genera, and seven species  
379 in California (M Gimmel, unpublished data), including at least one, *Ginglymocladius luteicollis*  
380 Van Dyke, 1918, occurring in coastal Santa Barbara County (SBMNH specimen data).

381 Georissidae (Hydrophiloidea). This family of one species in California, *Georissus*  
382 *californicus* LeConte, 1874 (Hansen 1999), occurs at lower elevations within the Transverse  
383 Ranges (SBMNH specimen data).

384 Hydrochidae (Hydrophiloidea). This family of one genus, *Hydrochus* Leach, 1817, and  
385 four species in California (Hansen 1999), has species that occur in the Coast Ranges (SBMNH  
386 specimen data).

387 Glaphyridae (Scarabaeoidea). This family of one genus, *Lichnanthe* Burmeister, 1844,  
388 and six species in California, contains species occurring in coastal portions of the state, including  
389 Santa Barbara, Ventura, and Los Angeles counties (Carlson 1980).

390 Glaresidae (Scarabaeoidea). This family of one genus, *Glaresis* Erichson, 1848, and 13  
391 species in California (Gordon & Hanley 2014), has species that occur within the Transverse  
392 Ranges of California (SBMNH specimen data).

393 Lucanidae (Scarabaeoidea). This family consists of two subfamilies, four genera, and 18  
394 species in California (M Gimmel, unpublished data). Species of *Platycerus* Geoffroy, 1792 and  
395 *Sinodendron* Hellwig, 1894 occur in southern coastal California (SBMNH specimen data).

396 Ochodaeidae (Scarabaeoidea). This family of two subfamilies, four genera, and five  
397 species in California (Paulsen 2007) has at least one species, *Parochodaeus californicus* (Horn,  
398 1895), occurring in coastal southern California (SBMNH specimen data).

399 Pleocomidae (Scarabaeoidea). This family contains one genus, *Pleocomia* LeConte, 1856,  
400 and about 23 species in California (M Gimmel, unpublished data), many of them occurring in  
401 coastal California.

402 Agyrtidae (Staphylinoidea). This family of three subfamilies, four genera, and seven  
403 species in California (Newton 1997) contains species, notably *Necrophilus hydrophiloides*  
404 Guérin-Ménéville, 1835, occurring in nearby coastal California (SBMNH specimen data).

405 Lophocateridae (Cleroidea). This family of three genera and five species in California (M  
406 Gimmel, unpublished data) contains species of the genus *Eronyxa* Reitter, 1876 occurring in  
407 nearby coastal California (Barron 1971; SBMNH specimen data).

408 Peltidae (Cleroidea). This family of one genus, *Peltis* Müller, 1764, and three species in  
409 California (Barron 1971, as *Ostoma* Laicharting, 1781) contains species occurring at lower  
410 elevations within the Transverse Ranges (SBMNH specimen data).

411 Rhadalidae (Cleroidea). This family of two genera and three species in California (M  
412 Gimmel, unpublished data) contains species of both *Rhadalus* LeConte, 1852 and *Semijlulistus*  
413 Schilsky, 1894 occurring at lower elevations within the Transverse Ranges (SBMNH specimen  
414 data).

415 Aderidae (Tenebrionoidea). This family of four genera and five species in California (M  
416 Gimmel, unpublished data) contains species occurring in nearby coastal California (SBMNH  
417 specimen data).

418 Melandryidae (Tenebrionoidea). This family of two subfamilies, 12 genera, and 15  
419 species in California (M Gimmel, unpublished data) contains several genera and species in  
420 coastal southern regions of California (SBMNH specimen data). *Osphya lutea* (Horn, 1879) is a  
421 particularly abundant and well-collected species we expect might occur on the islands.

422 Pythidae (Tenebrionoidea). This family of three genera and three species in California (M  
423 Gimmel, unpublished data) contains at least one species, *Sphalma quadricollis* Horn, 1888,  
424 occurring at lower elevations in the Transverse Ranges (SBMNH specimen data).

425 Ripiphoridae (Tenebrionoidea). This family of two genera and 20 species in California  
426 (Linsley & MacSwain 1951; M Gimmel, unpublished data) contains species occurring, but rarely  
427 collected, in coastal California (Linsley & MacSwain 1951; SBMNH specimen data).

428 Tetratomidae (Tenebrionoidea). This family of four subfamilies, seven genera, and nine  
429 species in California (M Gimmel, unpublished data) contains species occurring at lower  
430 elevations in the Transverse Ranges (SBMNH specimen data).

431 Anamorphidae (Coccinelloidea). This family contains a single, introduced species,  
432 *Symbiotes gibberosus* (Lucas, 1846), occurring in California (Shockley, Tomaszewska &  
433 McHugh 2009), including at lower elevations across the southern coastal portion of the state  
434 (SBMNH specimen data).

435 Murmidiidae (Coccinelloidea). This family contains a single, introduced species in  
436 California, *Murmidius ovalis* (Beck, 1817), which is a cosmopolitan stored product associate  
437 (Lawrence & Stephan 1975).

438 Mycetaeidae (Coccinelloidea). This family contains a single, introduced species in  
439 California, *Mycetaea subterranea* (Fabricius, 1801), which is a cosmopolitan species (Shockley,  
440 Tomaszewska & McHugh 2009).

441 Sphindidae (Nitiduloidea). This family contains two subfamilies, two genera, and three  
442 species in California (M Gimmel, unpublished data), at least one of which, *Sphindus crassulus*  
443 Casey, 1898, occurs in nearby coastal California (SBMNH specimen data).

444 Cucujidae (Cucujoidea). This family contains two genera and six species in California (M  
445 Gimmel, unpublished data) and is widely distributed in forested areas of California (SBMNH  
446 specimen data).

447 Orsodacnidae (Chrysomeloidea). This family contains a single species in California,  
448 *Orsodacne atra* (Ahrens, 1810), which occurs on the nearby coastal mainland (SBMNH  
449 specimen data).

450 Anthribidae (Curculionoidea). This family of two subfamilies, five genera, and 11 species  
451 in California (M Gimmel, unpublished data) contains at least two species occurring on the  
452 nearby coastal mainland (SBMNH specimen data).

453 Cimberididae (Curculionoidea). This family of four genera and 10 species in California  
454 (Kuschel 1989, as Nemonychidae) contains species occurring at lower elevations in the

455 Transverse Ranges (SBMNH specimen data). Their life histories are closely tied with *Pinus*  
456 species (Pinaceae); consequently, they should be searched for during spring in the pine groves  
457 occurring on the Channel Islands.

458

459

### Annotated Checklist

460

461 The format of this annotated checklist is structured to provide a foundation for future  
462 research on the taxa included. Higher classification is arranged phylogenetically by suborder and  
463 superfamily, adopting the higher groupings of Cai et al. (2022). Taxa of family rank and lower  
464 are arranged alphabetically within higher taxa. Notes on the taxonomy and diversity within  
465 California are given for all higher taxa. The standardized sections for each taxon are briefly  
466 defined below. We did not attempt to provide an overview of the biology of the taxa in the  
467 checklist; this information can be gleaned from general works on beetle biology and as well as  
468 taxon-specific references cited herein.

469 In order to keep close accounting of the actual number of unique taxa known from the  
470 islands, the following system of presentation is employed: 1) Most family-level digital and  
471 literature records are excluded, except for select groups presenting taxonomic challenges (e.g.,  
472 Apioninae), and for certain notable higher-taxon literature records, which are included in the  
473 respective Notes field; 2) Island records of supraspecific taxa that have no records at lower levels  
474 (e.g., a genus record with no identified species reported from the islands) are treated with a  
475 unique header as “[Taxon] undetermined species” to identify it as a unique taxon within the  
476 checklist; 3) When a genus-level taxon *does* have lower-level representation in our list, then any  
477 records determined only to the higher level are included merely under that higher-level heading  
478 and not listed as an additional taxon.

479

480 **Nomenclatural Authority:** This field contains a reference, or set of references, from which the  
481 valid name and taxon authorship were derived for this list. This is typically a recent revision or  
482 catalog and is intended to validate the use of the name here and serve as an anchor and starting  
483 point for future use of this list as taxonomic names and concepts continue to change (see  
484 Johnston, Aalbu & Franz 2018).

485 **Literature Records:** In this field, every published island record for the taxon is cited with a  
486 page number. In the Notes field under the taxon we provide additional comments on such  
487 records, including previous nomenclatural combinations used in cited works, discounted or  
488 ambiguous references, etc.

489 **Digitized Records:** In this field, all digitized specimen records included in our final dataset are  
490 tallied by island for each taxon, and are listed by collection. For detailed information on each  
491 specimen record see the recordset discussed and referenced above.

492 **Range:** This field denotes whether the taxon is known only from the Channel Islands or also  
493 from the mainland. References are given to support the claim of endemism (only known from

494 the Channel Islands) or presence on the mainland. Full ranges of species are not included or  
495 covered in this checklist.

496 **Notes:** This field contains a wide variety of information about the taxon. For entries within  
497 supraspecific taxa, we include information on diversity in California, and discuss recent  
498 taxonomic revisions or catalogs. For species-level entries, we include any information about  
499 subspecies classification of island specimens. Any additional information deemed relevant,  
500 including island-specific natural history notes, as well as decisions on taxon validity and  
501 discrepancies or issues relating to literature or digitized specimens, are included under this  
502 section.

503

504

## 505 ADEPHAGA

506

### 507 Carabidae

508

509 Notes. There are 103 genera and 647 species of this family known from California,  
510 placed in 38 tribes (Bousquet 2012; M Gimmel, unpublished data). A subfamily classification is  
511 not widely agreed upon in the literature; we use only tribes below, following the arrangement of  
512 Bousquet (2012), with the exclusion of Cicindelidae, which has been recently recognized at the  
513 family level (e.g., Cai et al. 2022). Bousquet (2012) provided an extensively annotated  
514 distributional catalog and bibliography for the North American taxa.

515

516

### 517 Bembidiini

518

519 Notes. Thirteen genera and 148 species of Bembidiini are known to occur in California  
(Bousquet 2012; M Gimmel, unpublished data).

520

521

### 522 *Bembidion* Latreille, 1802

523 Nomenclatural Authority: Bousquet (2012)

524

525 Digitized Records (genus-only): San Clemente (1 EMEC; 2 LACM; 8 SBMNH), San  
526 Miguel (8 LACM; 14 SBMNH), San Nicolas (4 LACM; 28 SBMNH), Santa Catalina (1 LACM;  
527 23 SBMNH), Santa Cruz (18 LACM; 105 SBMNH), Santa Rosa (9 LACM; 18 SBMNH)

528

529 Notes. This genus was widely known in the earlier literature as *Bembidium*. Fully 115  
530 species have been reported to occur in California (M Gimmel, unpublished data). No complete  
531 keys exist for North American or Californian species, but Lindroth's (1963) key included about  
532 75% of the North American fauna (Bousquet 2012). A record of *Bembidion* (*Hirmoplataphus*)  
533 *reticolle* LeConte, 1863 from Santa Cruz Island provided to the California Beetle Database was  
534 deemed unverifiable and needs to be substantiated.

535

536 *Bembidion* (*Cillenus*) *palosverdes* Kavanaugh and Erwin, 1992

- 534 Nomenclatural Authority: Bousquet (2012)  
535 Literature Records: Santa Catalina (Caterino, Caterino & Maddison 2015: 410)  
536 Digitized Records: Santa Catalina (2 SBMNH)  
537 Range: Also known from mainland, but possibly extinct there (Caterino, Caterino &  
538 Maddison 2015).  
539 Notes. This species was thought to be extinct since its original description from the Palos  
540 Verdes Peninsula in greater Los Angeles, but was rediscovered by M. and K. Caterino on  
541 Santa Catalina in 2010 (Caterino, Caterino & Maddison 2015).  
542  
543 *Bembidion (Furcacampa) versicolor* (LeConte, 1847)  
544 Nomenclatural Authority: Bousquet (2012)  
545 Literature Records: San Clemente (Cockerell 1940: 284)  
546 Digitized Records: none  
547 Range: Also known from mainland (Bousquet 2012).  
548  
549 *Bembidion (Lymnaeum) laticeps* (LeConte, 1858)  
550 Nomenclatural Authority: Bousquet (2012)  
551 Literature Records: none  
552 Digitized Records: San Clemente (1 SBMNH)  
553 Range: Also known from mainland (Bousquet 2012).  
554  
555 *Bembidion (Notaphus) indistinctum* Dejean, 1831  
556 Nomenclatural Authority: Bousquet (2012)  
557 Literature Records: San Nicolas (Cockerell 1940: 285), Santa Rosa (Fall 1897: 236)  
558 Digitized Records: none  
559 Range: Also known from mainland (Bousquet 2012).  
560 Notes. Reported from the “Channel Islands” by Bousquet (2012: 613).  
561  
562 *Bembidion (Notaphus) insulatum* (LeConte, 1852)  
563 Nomenclatural Authority: Bousquet (2012)  
564 Literature Records: San Clemente (Cockerell 1940: 284)  
565 Digitized Records: none  
566 Range: Also known from mainland (Bousquet 2012).  
567  
568 *Bembidion (Peryphanes) platynoides* Hayward, 1897  
569 Nomenclatural Authority: Bousquet (2012)  
570 Literature Records: Santa Rosa (Fall 1897: 236)  
571 Digitized Records: none  
572 Range: Also known from mainland (Bousquet 2012).  
573 Notes. Reported from the “Channel Islands” by Bousquet (2012: 579).

574

575 *Bembidion (Peryphodes) ephippigerum* (LeConte, 1852)

576 Nomenclatural Authority: Bousquet (2012)

577 Literature Records: Santa Catalina (Fall 1897: 236)

578 Digitized Records: San Nicolas (9 SBMNH)

579 Range: Also known from mainland (Bousquet 2012).

580 Notes. Reported from the “Channel Islands” by Bousquet (2012: 629).

581

582 *Bembidion (Peryphus) corgenoma* Maddison, 2020

583 Nomenclatural Authority: Maddison (2020)

584 Literature Records: Santa Cruz (LeConte 1876: 298; Fall 1897: 236; Fall & Davis 1934:  
585 143), Santa Rosa (Fall 1897: 236)586 Digitized Records: San Miguel (1 SBMNH), Santa Cruz (19 SBMNH), Santa Rosa (10  
587 SBMNH)

588 Range: Also known from mainland (Maddison 2020).

589 Notes. LeConte (1876) recorded this species as *Bembidium mannerheimii* (LeConte,590 1852), subsequently considered a junior synonym of *Bembidion transversale* Dejean,

591 1831 (see Bousquet 2012). Fall (1897) and Fall &amp; Davis (1934) reported this species as

592 *B. transversale*. Maddison (2020), however, concluded based on morphology that the593 Pacific coast species in the *transversale* species group represented a new species and

594 provided a revised version of the relevant portion of the key in Lindroth (1963).

595

596 *Bembidion (Peryphus) striola* (LeConte, 1852)

597 Nomenclatural Authority: Bousquet (2012)

598 Literature Records: San Clemente (Cockerell 1940: 285), Santa Catalina (Fall 1897: 236)

599 Digitized Records: none

600 Range: Also known from mainland (Bousquet 2012).

601 Notes. Reported from the “Channel Islands” by Bousquet (2012: 564).

602

603 *Bembidion (Trechonepha) iridescens* (LeConte, 1852)

604 Nomenclatural Authority: Bousquet (2012)

605 Literature Records: Santa Catalina (Fall 1897: 236)

606 Digitized Records: none

607 Range: Also known from mainland (Bousquet 2012).

608 Notes. Reported from the “Channel Islands” by Bousquet (2012: 654).

609

610 *Elaphropus* Motschulsky, 1839

611 Nomenclatural Authority: Bousquet (2012)

612 Notes. Seven species of this genus have been reported from California (Bousquet 2012).

613 The native North American members of *Elaphropus* are in need of revision (Bousquet 2012).

614

615 *Elaphropus* undetermined species

616 Literature Records: none

617 Digitized Records: Santa Cruz (10 SBMNH)

618

619 *Phrypeus* Casey, 1924

620 Nomenclatural Authority: Bousquet (2012)

621 Notes. Only one species of *Phrypeus* occurs in North America (Bousquet 2012).

622

623 *Phrypeus rickseckeri* (Hayward, 1897)

624 Nomenclatural Authority: Bousquet (2012)

625 Literature Records: none

626 Digitized Records: Santa Cruz (6 SBMNH)

627 Range: Also known from mainland (Bousquet 2012).

628

629 *Tachys* Dejean, 1821

630 Nomenclatural Authority: Bousquet (2012)

631 Notes. Six species of *Tachys* have been reported from California (Bousquet 2012). The  
632 subgenus *Paratachys* Casey, 1918, with two species in California, has frequently been treated as  
633 a separate genus (Bousquet 2012). Both this and the subgenus *Tachys* need revision (Bousquet  
634 2012).

635

636 *Tachys (Paratachys) vorax* LeConte, 1852

637 Nomenclatural Authority: Bousquet (2012)

638 Literature Records: none

639 Digitized Records: Santa Cruz (1 SBMNH)

640 Range: Also known from mainland (Bousquet 2012).

641

642 *Tachys (Tachys) corax* LeConte, 1852

643 Nomenclatural Authority: Bousquet (2012)

644 Literature Records: San Clemente (Fall 1897: 236)

645 Digitized Records: San Nicolas (5 SBMNH)

646 Range: Also known from mainland (Bousquet 2012).

647 Notes. Fall (1897: 239) indicated that the “two specimens from San Clemente are closely  
648 allied to *corax*, Lec., but seem distinct by the obviously less transverse thorax.” This is  
649 likely identical to what we have identified as *T. corax*, and we have included these  
650 records together above.

651

652 *Tachys (Tachys) vittiger* LeConte, 1852

653 Nomenclatural Authority: Bousquet (2012)

654 Literature Records: Santa Catalina (Fall 1897: 236; Fall 1901: 43; Bousquet 2012: 689)  
655 Digitized Records: none  
656 Range: Also known from mainland (Fall 1901; Bousquet 2012).

657

658 Brachinini

659

660 Notes. One genus and 12 species of Brachinini occur in California (Bousquet 2012).

661

662 *Brachinus* Weber, 1801

663 Nomenclatural Authority: Bousquet (2012)

664 Digitized Records (genus-only): Santa Catalina (1 CASC), Santa Cruz (50 CASC; 31  
665 EMEC; 50 SBMNH; 11 UCSB; 35 UASM), Santa Rosa (5 SBMNH)

666 Notes. There are 12 species of *Brachinus* reported from California (Bousquet 2012),  
667 which were treated by Erwin (1965, 1970). This genus appeared in some early literature as  
668 *Brachynus*.

669

670 *Brachinus costipennis* Motschulsky, 1859

671 Nomenclatural Authority: Bousquet (2012)

672 Literature Records: Santa Catalina (Fall 1897: 236), Santa Cruz (Erwin 1965: 6; Erwin  
673 1970: 88)

674 Digitized Records: Santa Cruz (1 BYUC; 7 CASC; 4 LACM; 4 SBMNH; 1 iNat), Santa  
675 Rosa (15 SBMNH)

676 Range: Also known from mainland (Erwin 1965, 1970).

677 Notes. This species was reported as *Brachinus carinulatus* Motschulsky, 1859 by Fall  
678 (1897), which was synonymized with *B. costipennis* by Erwin (1965).

679

680 *Brachinus gebhardis* Erwin, 1965

681 Nomenclatural Authority: Bousquet (2012)

682 Literature Records: Santa Cruz (Erwin 1965: 7; Erwin 1970: 132)

683 Digitized Records: Santa Catalina (6 LACM), Santa Cruz (1 CASC; 23 LACM; 9  
684 SBMNH), Santa Rosa (10 SBMNH)

685 Range: Also known from mainland (Erwin 1965, 1970).

686

687 *Brachinus mexicanus* Dejean, 1831

688 Nomenclatural Authority: Bousquet (2012)

689 Literature Records: Santa Cruz (Erwin 1965: 11; Erwin 1970: 107)

690 Digitized Records: Santa Cruz (40 CASC)

691 Range: Also known from mainland (Erwin 1965, 1970).

692 Notes. This species was recorded as *Brachinus fidelis* LeConte, 1863 by Erwin (1965),  
693 which was synonymized with *B. mexicanus* by Erwin (1970).

694

695 *Brachinus quadripennis* Dejean, 1825

696 Nomenclatural Authority: Bousquet (2012)

697 Literature Records: Santa Cruz (Fall &amp; Davis 1934: 144)

698 Digitized Records: none

699 Range: Also known from mainland (Erwin 1970).

700 Notes. Fall & Davis (1934) recorded this species as *Brachynus tschernikhii* Mannerheim,701 1843, which was synonymized with *B. quadripennis* by Erwin (1970: 99).

702

703

## Carabini

704

705 Notes. Two genera and 28 species of Carabini are known to occur in California

706 (Bousquet 2012).

707

708

*Calosoma* Weber, 1801

709 Nomenclatural Authority: Bousquet (2012)

710 Notes. The North American species of *Calosoma* were revised by Gidaspow (1959).

711 Twenty-six species have been reported as occurring in California (Bousquet 2012).

712

713 *Calosoma (Camegonia) parvicolle* Fall, 1910

714 Nomenclatural Authority: Bousquet (2012)

715 Literature Records: Santa Catalina (Gidaspow 1959: 256)

716 Digitized Records: none

717 Range: Also known from mainland (Gidaspow 1959; Bousquet 2012).

718

719 *Calosoma (Carabosoma) eremicola* Fall, 1910

720 Nomenclatural Authority: Bousquet (2012)

721 Literature Records: San Clemente (Fall 1910: 91; Cockerell 1940: 284; Jeannel 1940:

722 206; Gidaspow 1959: 259; Bousquet 2012: 235), Santa Catalina (Cockerell 1940: 284;

723 Gidaspow 1959: 259)

724 Digitized Records: San Clemente (1 CASC; 18 LACM; 5 SBMNH), Santa Catalina (2

725 CASC; 1 SBMNH)

726 Range: Also known from mainland (Cockerell 1940; Jeannel 1940; Gidaspow 1959;

727 Bousquet 2012).

728 Notes. This species was synonymized with *Calosoma glabratum sponsum* Casey, 1897729 by Breuning (1928: 103), then re-validated by Jeannel (1940: 206). *Calosoma eremicola*

730 was originally described as endemic to San Clemente Island by Fall (1910).

731

732 *Calosoma (Chrysostigma) semilaeve* LeConte, 1852

733 Nomenclatural Authority: Bousquet (2012)

734 Literature Records: San Nicolas (Miller & Miller 1985: 123), Santa Barbara (Miller &  
735 Miller 1985: 123), Santa Catalina (Miller & Miller 1985: 123), Santa Rosa (Fall 1897:  
736 236; Miller & Miller 1985: 123)  
737 Digitized Records: Santa Catalina (5 LACM), Santa Cruz (2 SBMNH; 1 UCSB)  
738 Range: Also known from mainland (Gidaspow 1959; Bousquet 2012).  
739 Notes. Recorded from the “Channel Islands” by Bousquet (2012: 243).

740

741 Chlaeniini

742

743 Notes. One genus and 13 species of Chlaeniini are known from California (Bousquet  
744 2012).

745

746 *Chlaenius* Brullé, 1834

747 Nomenclatural Authority: Bousquet (2012)

748 Digitized Records (genus-only): Santa Cruz (4 UCSB; 13 UASM)

749 Notes. Thirteen species of *Chlaenius* have been reported to occur in California (Bousquet  
750 2012). The genus was revised for North America by Bell (1960).

751

752 *Chlaenius (Chlaeniellus) obsoletus* LeConte, 1851

753 Nomenclatural Authority: Bousquet (2012)

754 Literature Records: Santa Catalina (Fall 1897: 236; Bell 1960: 150)

755 Digitized Records: Santa Cruz (3 CASC; 1 SBMNH)

756 Range: Also known from mainland (Bell 1960; Bousquet 2012).

757 Notes. Reported from the “Channel Islands” by Bousquet (2012: 984).

758

759 *Chlaenius (Chlaeniellus) tricolor* Dejean, 1826

760 Nomenclatural Authority: Bousquet (2012)

761 Literature Records: none

762 Digitized Records: Santa Cruz (1 SBMNH)

763 Range: Also known from mainland (Bell 1960; Bousquet 2012).

764 Notes. All *C. tricolor* from California belong to the subspecies *C. t. vigilans* Say, 1830  
765 (Bell 1960; Bousquet 2012).

766

767 *Chlaenius (Chlaeniellus) variabilipes* Eschscholtz, 1833

768 Nomenclatural Authority: Bousquet (2012)

769 Literature Records: Santa Cruz (Bell 1960: 150)

770 Digitized Records: Santa Catalina (1 LACM), Santa Cruz (4 LACM; 2 SBMNH), Santa  
771 Rosa (2 SBMNH)

772 Range: Also known from mainland (Bell 1960; Bousquet 2012).

773

774 *Chlaenius (Chlaenius) cumatilis* LeConte, 1851  
775 Nomenclatural Authority: Bousquet (2012)  
776 Literature Records: Santa Cruz (Fall & Davis 1934: 144)  
777 Digitized Records: Santa Cruz (52 CASC; 11 LACM; 19 SBMNH; 7 TAMU), Santa  
778 Rosa (6 SBMNH)  
779 Range: Also known from mainland (Bell 1960; Bousquet 2012).

780

781 Clivinini

782

783 Notes. Three genera and 11 species of Clivinini are known to occur in California  
784 (Bousquet 2012).

785

786 *Schizogenius* Putzeys, 1846

787 Nomenclatural Authority: Bousquet (2012)

788 Digitized Records (genus-only): Santa Cruz (5 CASC; 14 SBMNH)

789 Notes. Seven species of *Schizogenius* have been recorded from California (Bousquet  
790 2012), belonging to two subgenera, *Genioschizus* Whitehead, 1972 and *Schizogenius (s.str.)*.  
791 Whitehead (1972) revised the North American species.

792

793 *Schizogenius (Schizogenius) depressus* LeConte, 1852

794 Nomenclatural Authority: Bousquet (2012)

795 Literature Records: Santa Rosa (Fall 1897: 236; Whitehead 1972: 294)

796 Digitized Records: Santa Cruz (2 CASC)

797 Range: Also known from mainland (Whitehead 1972; Bousquet 2012).

798 Notes. Reported from the “Channel Islands” by Bousquet (2012: 419).

799

800 Cychrini

801

802 Notes. One genus and 18 species of Cychrini are known to occur in California (Bousquet  
803 2012).

804

805 *Scaphinotus* Dejean, 1826

806 Nomenclatural Authority: Bousquet (2012)

807 Digitized Records (genus-only): Santa Catalina (3 EMEC), Santa Cruz (2 EMEC; 1  
808 UASM), Santa Rosa (1 EMEC)

809 Notes. Eighteen species of *Scaphinotus* are known from California (Bousquet 2012).

810 Most of these species belong to the subgenus *Brennus* Motschulsky, 1866, which was revised by  
811 Gidaspow (1968).

812

813 *Scaphinotus (Brennus) crenatus* (Motschulsky, 1859)

814 Nomenclatural Authority: Bousquet (2012)  
815 Literature Records: none  
816 Digitized Records: San Miguel (1 CASC; 1 SBMNH), Santa Catalina (1 CASC), Santa  
817 Cruz (8 CASC; 1 LACM; 4 SBMNH), Santa Rosa (1 CASC; 9 SBMNH)  
818 Range: Also known from mainland (Gidaspow 1968).

819

820 *Scaphinotus (Brennus) punctatus* (LeConte, 1859)

821 Nomenclatural Authority: Bousquet (2012)  
822 Literature Records: Santa Catalina (Fall 1897: 236; Baker 1905: 59; Gidaspow 1968:  
823 167; Bousquet 2012: 223)  
824 Digitized Records: Santa Catalina (5 CASC)  
825 Range: Also known from mainland (Gidaspow 1968).  
826 Notes. This species was previously recorded as *Cychrus mimus* Horn, 1874 by Fall  
827 (1897) and Baker (1905: “*Cuchrus mimus*”), which was later synonymized with *S.*  
828 *punctatus* (see Gidaspow 1968).

829

830 *Scaphinotus (Brennus) ventricosus* (Dejean, 1831)

831 Nomenclatural Authority: Bousquet (2012)  
832 Literature Records: Santa Catalina (Gidaspow 1968: 171)  
833 Digitized Records: Santa Catalina (1 CASC)  
834 Range: Also known from mainland (Gidaspow 1968).

835

836 Dyschiriini

837

838 Notes. Two genera and 21 species of Dyschiriini are known to occur in California  
839 (Bousquet 2012).

840

841 *Akephorus* LeConte, 1852

842 Nomenclatural Authority: Bousquet (2012)  
843 Notes. Two species of this genus occur in California (Bousquet 2012). They were keyed  
844 (as species of *Dyschirius*) by Bousquet (1988).

845

846 *Akephorus marinus* LeConte, 1852

847 Nomenclatural Authority: Bousquet (2012)  
848 Literature Records: Santa Rosa (Fall 1897: 236)  
849 Digitized Records: San Miguel (33 LACM; 5 SBMNH; 18 CASC), San Nicolas (1  
850 LACM; 5 SBMNH), Santa Cruz (34 LACM; 18 SBMNH; 8 CASC), Santa Rosa (7  
851 SBMNH)  
852 Range: Also known from mainland (Bousquet 2012).  
853 Notes. Reported from the “Channel Islands” by Bousquet (2012: 431).

854

855

*Dyschirius* Bonelli, 1810

856

Nomenclatural Authority: Bousquet (2012)

857

Digitized Records (genus-only): Santa Cruz (12 CASC)

858

Notes. Nineteen species of *Dyschirius* have been recorded from California (Bousquet

859

2012). A key to most North American species of this genus was provided by Bousquet (1988).

860

861

*Dyschirius aratus* LeConte, 1852

862

Nomenclatural Authority: Bousquet (2012)

863

Literature Records: none

864

Digitized Records: Santa Rosa (7 SBMNH)

865

Range: Also known from mainland (Bousquet 2012).

866

867

*Dyschirius consobrinus* LeConte, 1852

868

Nomenclatural Authority: Bousquet (2012)

869

Literature Records: none

870

Digitized Records: Santa Rosa (4 SBMNH)

871

Range: Also known from mainland (Bousquet 2012).

872

873

*Dyschirius gibbipennis* LeConte, 1857

874

Nomenclatural Authority: Bousquet (2012)

875

Literature Records: Santa Rosa (Fall 1897: 236)

876

Digitized Records: San Miguel (1 CASC), Santa Cruz (2 SBMNH), Santa Rosa (6

877

SBMNH)

878

Range: Also known from mainland (Bousquet 2012).

879

Notes. Reported from the “Channel Islands” by Bousquet (2012: 439).

880

881

*Dyschirius varidens* Fall, 1910

882

Nomenclatural Authority: Bousquet (2012)

883

Literature Records: none

884

Digitized Records: Santa Cruz (2 SBMNH)

885

Range: Also known from mainland (Bousquet 2012).

886

887

## Harpalini

888

889

Notes. Thirteen genera and 78 species of Harpalini are known to occur in California (Bousquet 2012; M Gimmel, unpublished data).

890

891

892

*Anisodactylus* Dejean, 1829

893

Nomenclatural Authority: Bousquet (2012)

894 Digitized Records (genus-only): San Miguel (1 LACM), Santa Cruz (19 UASM)  
895 Notes. Thirteen species of *Anisodactylus* are known to occur in California (Bousquet  
896 2012). Noonan (1996) revised the subgenus *Anisodactylus* (*Anisodactylus*), the only subgenus  
897 known to occur in the Channel Islands.

898

899 *Anisodactylus* (*Anisodactylus*) *californicus* Dejean, 1829

900 Nomenclatural Authority: Bousquet (2012)

901 Literature Records: San Miguel (Noonan 1996: 126), Santa Catalina (Fall 1897: 236),

902 Santa Cruz (Noonan 1996: 126), Santa Rosa (Fall 1897: 236)

903 Digitized Records: San Clemente (7 SBMNH), San Miguel (1 CASC; 2 SBMNH), San

904 Nicolas (8 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (3 CASC), Santa Rosa (5

905 SBMNH)

906 Range: Also known from mainland (Noonan 1996; Bousquet 2012).

907 Notes. Reported from the “Channel Islands” by Bousquet (2012: 1022).

908

909 *Anisodactylus* (*Anisodactylus*) *consobrinus* LeConte, 1851

910 Nomenclatural Authority: Bousquet (2012)

911 Literature Records: Santa Catalina (Fall 1897: 236), Santa Cruz (LeConte 1876: 298; Fall

912 1897: 236; Fall & Davis 1934: 144; Noonan 1996: 107), Santa Rosa (Fall 1897: 236)

913 Digitized Records: Santa Cruz (3 SBMNH), Santa Rosa (8 SBMNH)

914 Range: Also known from mainland (Noonan 1996; Bousquet 2012).

915 Notes. Reported from the “Channel Islands” by Bousquet (2012: 1021).

916

917 *Anisodactylus* (*Anisodactylus*) *similis* LeConte, 1851

918 Nomenclatural Authority: Bousquet (2012)

919 Literature Records: Santa Cruz (Fall & Davis 1934: 144)

920 Digitized Records: Santa Cruz (2 SBMNH), Santa Rosa (2 SBMNH)

921 Range: Also known from mainland (Noonan 1996; Bousquet 2012).

922 Notes. This species was recorded as *Anisodactylus semipunctatus* LeConte, 1859, a

923 current junior synonym of *A. similis*, by Fall & Davis (1934). Reported from the

924 “Channel Islands” by Bousquet (2012: 1023).

925

926 *Bradycellus* Erichson, 1837

927 Nomenclatural Authority: Bousquet (2012)

928 Digitized Records (genus-only): San Clemente (4 SBMNH), San Miguel (3 CASC), San

929 Nicolas (3 LACM), Santa Cruz (5 CASC; 2 EMEC; 1 SBMNH; 3 UASM)

930 Notes. Four subgenera and 25 species of *Bradycellus* are known to occur in California

931 (Bousquet 2012). The two most species-rich subgenera in California, *Liocellus* Motschulsky,

932 1864 and *Stenocellus* Casey, 1914, both need revision (Bousquet 2012).

933

- 934 *Bradycellus (Liocellus) nitidus* (Dejean, 1829)  
935 Nomenclatural Authority: Bousquet (2012)  
936 Literature Records: Santa Catalina (Fall 1897: 236), Santa Cruz (Fall & Davis 1934:  
937 144), Santa Rosa (Fall 1897: 236)  
938 Digitized Records: San Miguel (2 CASC; 2 SBMNH), San Nicolas (15 LACM; 11  
939 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (4 CASC; 10 SBMNH; 1 UCSB),  
940 Santa Rosa (1 LACM; 20 SBMNH)  
941 Range: Also known from mainland (Bousquet 2012).  
942 Notes. Fall (1897) recorded this species as *Tachycellus nitidus*; Fall & Davis (1934)  
943 recorded this species as *Glycerius nitidus*. Reported from the “Channel Islands” by  
944 Bousquet (2012: 1061).  
945
- 946 *Bradycellus (Stenocellus) californicus* (LeConte, 1857)  
947 Nomenclatural Authority: Bousquet (2012)  
948 Literature Records: Santa Rosa (Fall 1897: 236)  
949 Digitized Records: San Clemente (16 SBMNH), San Miguel (1 SBMNH), San Nicolas  
950 (17 SBMNH), Santa Catalina (4 SBMNH), Santa Cruz (8 SBMNH), Santa Rosa (12  
951 SBMNH)  
952 Range: Also known from mainland (Bousquet 2012).  
953 Notes. Reported from the “Channel Islands” by Bousquet (2012: 1068).  
954
- 955 *Bradycellus (Stenocellus) rupestris* (Say, 1823)  
956 Nomenclatural Authority: Bousquet (2012)  
957 Literature Records: Santa Catalina (Fall 1897: 236)  
958 Digitized Records: San Clemente (6 SBMNH), San Nicolas (12 SBMNH), Santa Cruz (3  
959 SBMNH), Santa Rosa (1 SBMNH)  
960 Range: Also known from mainland (Bousquet 2012).  
961
- 962 *Bradycellus (Stenocellus) sejunctus* (Casey, 1914)  
963 Nomenclatural Authority: Bousquet (2012)  
964 Literature Records: none  
965 Digitized Records: San Clemente (14 EMEC)  
966 Range: Also known from mainland (Bousquet 2012).  
967
- 968 *Dicheirus* Mannerheim, 1843  
969 Nomenclatural Authority: Bousquet (2012)  
970 Digitized Records (genus-only): Santa Cruz (3 CASC)  
971 Notes. Five species of *Dicheirus* are known to occur in California (Bousquet 2012). They  
972 were revised and keyed by Noonan (1968).  
973

- 974 *Dicheirus dilatatus* (Dejean, 1829)  
975 Nomenclatural Authority: Bousquet (2012)  
976 Literature Records: San Clemente (Casey 1914: 201; Noonan 1968: 298; Noonan 1975: 7  
977 [map]), Santa Catalina (Noonan 1968: 298), Santa Cruz (Fall & Davis 1934: 144), Santa  
978 Rosa (Fall 1897: 236)  
979 Digitized Records: San Clemente (29 LACM; 7 SBMNH), San Miguel (2 SBMNH),  
980 Santa Catalina (10 LACM; 5 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (10  
981 SBMNH)  
982 Range: Also known from mainland (Noonan 1975; Bousquet 2012).  
983 Notes. This species was recorded as *Anisodactylus dilatatus* by Fall (1897), and as  
984 *Dicheirus australinus* Casey, 1914 by Casey (1914). The latter was synonymized with *D.*  
985 *dilatatus* by Noonan (1968). All island records of *D. dilatatus* refer to the nominate  
986 subspecies, *D. d. dilatatus* (Dejean, 1829) (Noonan 1968). Reported from the “Channel  
987 Islands” by Bousquet (2012: 1042).  
988
- 989 *Dicheirus piceus* (Ménétriés, 1843)  
990 Nomenclatural Authority: Bousquet (2012)  
991 Literature Records: San Clemente (Noonan 1968: 290; Noonan 1975: 7 [map]), Santa  
992 Catalina (Noonan 1968: 290; Noonan 1975: 7 [map]), Santa Rosa (Fall 1897: 236)  
993 Digitized Records: Anacapa (3 SBMNH), San Clemente (11 CASC; 5 LACM; 3  
994 SBMNH), Santa Catalina (26 LACM; 6 SBMNH), Santa Cruz (4 CASC; 18 SBMNH),  
995 Santa Rosa (9 SBMNH)  
996 Range: Also known from mainland (Noonan 1975; Bousquet 2012).  
997 Notes. This species was recorded as *Anisodactylus piceus* by Fall (1897). Reported from  
998 the “Channel Islands” by Bousquet (2012: 1043).  
999
- 1000 *Harpalus* Latreille, 1802  
1001 Nomenclatural Authority: Bousquet (2012)  
1002 Digitized Records (genus-only): Anacapa (1 ASUHIC)  
1003 Notes. Thirteen species of *Harpalus* have been reported from California (Bousquet 2012;  
1004 M Gimmel, unpublished data). Most species of the genus were treated for North America by  
1005 Noonan (1991), with treatments of additional subgenera by Ball & Anderson (1962) and Will  
1006 (1997).  
1007
- 1008 *Harpalus (Megapangus) caliginosus* (Fabricius, 1775)  
1009 Nomenclatural Authority: Bousquet (2012)  
1010 Literature Records: none  
1011 Digitized Records: Santa Cruz (1 SBMNH), Santa Rosa (1 SBMNH)  
1012 Range: Also known from mainland (Will 1997).

- 1013 Notes. Will (1997) provided a taxonomic review of the subgenus *Harpalus*  
1014 (*Megapangus*), including a shaded range map showing *H. caliginosus* ranging partially  
1015 into the Channel Islands (Will 1997: 46); however, no Channel Island records were  
1016 given.  
1017
- 1018 *Harpalus (Pseudoophonus) pensylvanicus* (DeGeer, 1774)  
1019 Nomenclatural Authority: Bousquet (2012)  
1020 Literature Records: none  
1021 Digitized Records: Santa Cruz (1 UCSB)  
1022 Range: Also known from mainland (Ball & Anderson 1962; Bousquet 2012).  
1023 Notes. Ball & Anderson (1962) provided a key to the species of the subgenus  
1024 *Pseudoophonus* Motschulsky, 1844 (as *Pseudophonus*). Only one species of the subgenus  
1025 has been recorded from California (Bousquet 2012).  
1026
- 1027 *Stenolophus* Dejean, 1821  
1028 Nomenclatural Authority: Bousquet (2012)  
1029 Digitized Records (genus-only): Santa Cruz (2 UASM)  
1030 Notes. Eleven species of *Stenolophus* occur in California, four in subgenus *Agonoderus*  
1031 Dejean, 1829 and seven in subgenus *Stenolophus* (Bousquet 2012). Lindroth's (1968) key treated  
1032 all members of the latter, but a revision of the former is needed (Bousquet 2012).  
1033
- 1034 *Stenolophus (Agonoderus) lineola* (Fabricius, 1775)  
1035 Nomenclatural Authority: Bousquet (2012)  
1036 Literature Records: Santa Rosa (Fall 1897: 236)  
1037 Digitized Records: Anacapa (2 LACM), Santa Cruz (2 LACM), Santa Rosa (1 LACM)  
1038 Range: Also known from mainland (Bousquet 2012).  
1039 Notes. Fall (1897) recorded this species as *Agonoderus lineola*.  
1040
- 1041 *Stenolophus (Agonoderus) rugicollis* (LeConte, 1859)  
1042 Nomenclatural Authority: Bousquet (2012)  
1043 Literature Records: none  
1044 Digitized Records: San Miguel (1 LACM)  
1045 Range: Also known from mainland (Bousquet 2012).  
1046
- 1047 *Stenolophus (Stenolophus) anceps* LeConte, 1857  
1048 Nomenclatural Authority: Bousquet (2012)  
1049 Literature Records: none  
1050 Digitized Records: San Miguel (2 SBMNH), Santa Cruz (7 SBMNH), Santa Rosa (2  
1051 SBMNH)  
1052 Range: Also known from mainland (Bousquet 2012).

1053

1054 *Stenolophus (Stenolophus) flavipes* LeConte, 1858

1055 Nomenclatural Authority: Bousquet (2012)

1056 Literature Records: none

1057 Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (1 LACM; 5 SBMNH), Santa

1058 Rosa (14 SBMNH)

1059 Range: Also known from mainland (Bousquet 2012).

1060

1061 *Stenolophus (Stenolophus) limbalis* LeConte, 1857

1062 Nomenclatural Authority: Bousquet (2012)

1063 Literature Records: Santa Catalina (Fall 1897: 236)

1064 Digitized Records: none

1065 Range: Also known from mainland (Bousquet 2012).

1066 Notes. Reported from the “Channel Islands” by Bousquet (2012: 1050).

1067

1068 *Stenolophus (Stenolophus) ochropezus* (Say, 1823)

1069 Nomenclatural Authority: Bousquet (2012)

1070 Literature Records: none

1071 Digitized Records: Santa Cruz (11 EMEC)

1072 Range: Also known from mainland (Bousquet 2012).

1073

1074 Lachnophorini

1075

1076 Notes. Three genera and three species of Lachnophorini are known to occur in California

1077 (Bousquet 2012).

1078

1079 *Lachnophorus* Dejean, 1831

1080 Nomenclatural Authority: Bousquet (2012)

1081 Notes. Only one species of this genus occurs in North America (Bousquet 2012).

1082

1083 *Lachnophorus elegantulus* Mannerheim, 1843

1084 Nomenclatural Authority: Bousquet (2012)

1085 Literature Records: none

1086 Digitized Records: Santa Cruz (2 CASC; 1 LACM; 1 SBMNH)

1087 Range: Also known from mainland (Bousquet 2012).

1088

1089 Lebiini

1090

1091 Notes. Fourteen genera and 39 species of Lebiini are known to occur in California

1092 (Bousquet 2012; M Gimmel, unpublished data).

1093

1094

*Apristus* Chaudoir, 1846

1095

Nomenclatural Authority: Bousquet (2012)

1096

Digitized Records (genus-only): Santa Cruz (1 SBMNH), Santa Rosa (4 LACM)

1097

Notes. Seven species of *Apristus* are known from California (Bousquet 2012). The genus

1098

needs revision (Bousquet 2012).

1099

1100 *Apristus pugetanus* Casey, 1920

1101

Nomenclatural Authority: Bousquet (2012)

1102

Literature Records: none

1103

Digitized Records: Santa Cruz (11 CASC)

1104

Range: Also known from mainland (Bousquet 2012).

1105

1106

*Axinopalpus* LeConte, 1846

1107

Nomenclatural Authority: Bousquet (2012)

1108

Notes. Three species of *Axinopalpus* are known from California (Bousquet 2012). The

1109

genus needs revision (Bousquet 2012).

1110

1111 *Axinopalpus biplagiatus* (Dejean, 1825)

1112

Nomenclatural Authority: Bousquet (2012)

1113

Literature Records: none

1114

Digitized Records: Santa Cruz (1 CASC; 1 SBMNH), Santa Rosa (1 SBMNH)

1115

Range: Also known from mainland (Bousquet 2012).

1116

1117

*Dromius* Bonelli, 1810

1118

Nomenclatural Authority: Bousquet (2012)

1119

Notes. One species of *Dromius* occurs in California (Bousquet 2012).

1120

1121 *Dromius piceus* Dejean, 1831

1122

Nomenclatural Authority: Bousquet (2012)

1123

Literature Records: none

1124

Digitized Records: Anacapa (1 SBMNH), Santa Cruz (3 SBMNH)

1125

Range: Also known from mainland (Bousquet 2012).

1126

1127

*Lebia* Latreille, 1802

1128

Nomenclatural Authority: Bousquet (2012)

1129

Notes. Ten species of *Lebia* have been recorded from California (Bousquet 2012). The

1130

North American species were revised by Madge (1967).

1131

1132 *Lebia (Lebia) cyanipennis* Dejean, 1831

- 1133 Nomenclatural Authority: Bousquet (2012)  
1134 Literature Records: none  
1135 Digitized Records: Santa Cruz (2 SBMNH), Santa Rosa (2 SBMNH)  
1136 Range: Also known from mainland (Madge 1967).  
1137  
1138 *Lebia (Lebia) perita* Casey, 1920  
1139 Nomenclatural Authority: Bousquet (2012)  
1140 Literature Records: none  
1141 Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (1 SBMNH)  
1142 Range: Also known from mainland (Madge 1967).  
1143  
1144 *Microlestes* Schmidt-Göbel, 1846  
1145 Nomenclatural Authority: Bousquet (2012)  
1146 Notes. Five species of *Microlestes* have been recorded from California (Bousquet 2012).  
1147 Lindroth (1969) reviewed the North American species known at the time.  
1148  
1149 *Microlestes* undetermined species  
1150 Literature Records: none  
1151 Digitized Records: Santa Rosa (1 LACM)  
1152  
1153 *Notiophilini*  
1154  
1155 Notes. One genus and four species of *Notiophilini* have been recorded from California  
1156 (Bousquet 2012).  
1157  
1158 *Notiophilus* Duméril, 1805  
1159 Nomenclatural Authority: Bousquet (2012)  
1160 Notes. Four species of *Notiophilus* have been recorded from California (Bousquet 2012).  
1161 These were reviewed and keyed by Lindroth (1961).  
1162  
1163 *Notiophilus semiopacus* Eschscholtz, 1833  
1164 Nomenclatural Authority: Bousquet (2012)  
1165 Literature Records: Santa Catalina (Fall 1906: 91)  
1166 Digitized Records: Santa Cruz (1 SBMNH)  
1167 Range: Also known from mainland (Fall 1906; Bousquet 2012).  
1168 Notes. Based on examination of the voucher specimen, the Santa Cruz Island record of  
1169 “*Notiophilus* sp.” in Naughton et al. (2014: 303) refers to this species (MLG, personal  
1170 observation).  
1171  
1172 *Omophonini*

1173

1174 Notes. One genus and six species of Omophronini have been recorded from California  
1175 (Bousquet 2012).

1176

1177 *Omophron* Latreille, 1802

1178 Nomenclatural Authority: Bousquet (2012)

1179 Notes. Six species of *Omophron* have been recorded from California (Bousquet 2012).

1180 The genus was revised and keyed for North America by Benschoter & Cook (1956).

1181

1182 *Omophron dentatum* LeConte, 1852

1183 Nomenclatural Authority: Bousquet (2012)

1184 Literature Records: Santa Cruz (LeConte 1876: 298; Fall 1897: 236; Fall & Davis 1934:

1185 144), Santa Rosa (Fall 1897: 236; Benschoter & Cook 1956: 422)

1186 Digitized Records: Santa Catalina (4 CASC; 67 LACM; 1 SBMNH), Santa Cruz (22

1187 CASC; 1 LACM; 9 SBMNH; 8 UASM), Santa Rosa (3 CASC; 12 SBMNH)

1188 Range: Also known from mainland (Benschoter & Cook 1956; Bousquet 2012).

1189 Notes. This species was reported from the “Channel Islands” by Bousquet (2012: 389).

1190

1191 Platynini

1192

1193 Notes. Six genera and 33 species of Platynini are known to occur in California (Bousquet  
1194 2012).

1195

1196 *Agonum* Bonelli, 1810

1197 Nomenclatural Authority: Bousquet (2012)

1198 Digitized Records (genus-only): Santa Catalina (14 LACM), Santa Cruz (5 LACM; 9

1199 UASM)

1200 Notes. Twenty-one species of *Agonum* have been recorded from California (Bousquet

1201 2012). Liebherr (1994) provided a key to the North American species.

1202

1203 *Agonum (Agonum) piceolum* (LeConte, 1879)

1204 Nomenclatural Authority: Bousquet (2012)

1205 Literature Records: none

1206 Digitized Records: Santa Cruz (1 EMEC)

1207 Range: Also known from mainland (Bousquet 2012).

1208

1209 *Agonum (Europhilus) limbatum* Motschulsky, 1845

1210 Nomenclatural Authority: Bousquet (2012)

1211 Literature Records: Santa Catalina (Fall 1897: 236)

1212 Digitized Records: San Miguel (1 LACM), Santa Catalina (2 SBMNH), Santa Cruz (1

- 1213 LACM; 7 SBMNH), Santa Rosa (5 LACM)  
1214 Range: Also known from mainland (Bousquet 2012).  
1215 Notes. This species was recorded by Fall (1897) as *Platynus variolatus* LeConte, 1851. It  
1216 has been recorded in the recent literature as *Agonum variolatum* (LeConte, 1851), which  
1217 is now considered a junior synonym of *A. limbatum*. Reported from the “Channel  
1218 Islands” by Bousquet (2012: 1202).  
1219  
1220 *Agonum (Olisares) decorum* (Say, 1823)  
1221 Nomenclatural Authority: Bousquet (2012)  
1222 Literature Records: Santa Cruz (Liebherr 1983: 350 [map]; Liebherr 1986: 130 [map])  
1223 Digitized Records: Santa Cruz (1 CASC)  
1224 Range: Also known from mainland (Liebherr 1983, 1986).  
1225  
1226 *Agonum (Olisares) punctiforme* (Say, 1823)  
1227 Nomenclatural Authority: Bousquet (2012)  
1228 Literature Records: none  
1229 Digitized Records: San Clemente (9 SBMNH), San Miguel (1 SBMNH), San Nicolas (4  
1230 SBMNH)  
1231 Range: Also known from mainland (Bousquet 2012).  
1232  
1233 *Anchomenus* Bonelli, 1810  
1234 Nomenclatural Authority: Bousquet (2012)  
1235 Notes. Two species of *Anchomenus* have been recorded from California (Bousquet 2012).  
1236 The genus was revised by Liebherr (1991).  
1237  
1238 *Anchomenus funebris* (LeConte, 1854)  
1239 Nomenclatural Authority: Bousquet (2012)  
1240 Literature Records: San Clemente (Liebherr 1991: 55), Santa Catalina (Fall 1897: 236),  
1241 Santa Cruz (Fall & Davis 1934: 143; Liebherr 1991: 55)  
1242 Digitized Records: Santa Cruz (33 CASC; 10 SBMNH; 16 TAMU; 1 UCSB)  
1243 Range: Also known from mainland (Liebherr 1991; Bousquet 2012).  
1244 Notes. This species was recorded as *Platynus funebris* by Fall (1897) and Fall & Davis  
1245 (1934). Reported from the “Channel Islands” by Bousquet (2012: 1183).  
1246  
1247 *Platynus* Bonelli, 1810  
1248 Nomenclatural Authority: Bousquet (2012)  
1249 Notes. Three species of *Platynus* have been recorded from California (Bousquet 2012).  
1250 Liebherr & Will (1996) provided a key to the North American species of *Platynus* known at the  
1251 time, including all Californian species.  
1252

- 1253 *Platynus brunneomarginatus* (Mannerheim, 1843)  
1254 Nomenclatural Authority: Bousquet (2012)  
1255 Literature Records: Santa Catalina (Seavey 1892: 262; Fall 1897: 236), Santa Cruz  
1256 (LeConte 1876: 298; Fall 1897: 236; Fall & Davis 1934: 143; Liebherr & Will 1996:  
1257 317), Santa Rosa (Fall 1897: 236)  
1258 Digitized Records: San Clemente (3 CASC; 27 LACM; 6 SBMNH), San Miguel (10  
1259 SBMNH), Santa Catalina (3 CASC; 4 LACM; 2 SBMNH), Santa Cruz (19 CASC; 10  
1260 LACM; 19 SBMNH; 6 TAMU; 1 UCSB; 11 UASM), Santa Rosa (7 SBMNH)  
1261 Range: Also known from mainland (Liebherr & Will 1996; Bousquet 2012).  
1262 Notes. Reported from the “Channel Islands” by Bousquet (2012: 1244).  
1263  
1264 *Tanystoma* Motschulsky, 1845  
1265 Nomenclatural Authority: Bousquet (2012)  
1266 Notes. Four species of *Tanystoma* have been recorded from California (Bousquet 2012).  
1267 The species were revised by Liebherr (1985).  
1268  
1269 *Tanystoma cuyama* Liebherr, 1985  
1270 Nomenclatural Authority: Bousquet (2012)  
1271 Literature Records: none  
1272 Digitized Records: Santa Rosa (9 SBMNH)  
1273 Range: Also known from mainland (Liebherr 1985).  
1274  
1275 *Tanystoma maculicolle* (Dejean, 1828)  
1276 Nomenclatural Authority: Bousquet (2012)  
1277 Literature Records: Anacapa (Liebherr 1985: 1193 [map]; Liebherr & Hajek 1986: 22),  
1278 San Clemente (Liebherr 1984: 538; Liebherr 1985: 1193 [map]; Liebherr & Hajek 1986:  
1279 22), San Miguel (Liebherr 1985: 1193 [map]; Liebherr & Hajek 1986: 22), San Nicolas  
1280 (Liebherr 1985: 1193 [map]; Liebherr & Hajek 1986: 22), Santa Catalina (Baker 1905:  
1281 59; Liebherr 1984: 538; Liebherr 1985: 1193 [map]; Liebherr & Hajek 1986: 22), Santa  
1282 Cruz (Fall & Davis 1934: 143; Liebherr 1984: 538; Liebherr 1985: 1193 [map]; Liebherr  
1283 & Hajek 1986: 22), Santa Rosa (Fall 1897: 236; Liebherr 1985: 1193 [map]; Liebherr &  
1284 Hajek 1986: 22)  
1285 Digitized Records: San Clemente (8 CASC; 2 LACM; 4 SBMNH), San Miguel (10  
1286 CASC; 12 SBMNH), San Nicolas (14 CASC; 1 SBMNH), Santa Catalina (18 CASC; 3  
1287 LACM; 13 SBMNH), Santa Cruz (10 CASC; 14 SBMNH; 1 iNat), Santa Rosa (22  
1288 CASC; 29 SBMNH; 1 iNat)  
1289 Range: Also known from mainland (Liebherr 1984, 1985; Bousquet 2012).  
1290 Notes. This species was recorded as *Platynus maculicollis* by Baker (1905), Fall (1897),  
1291 and Fall & Davis (1934). Populations of this species from the Channel Islands are

1292 predominantly brachypterous (Liebherr & Hajek 1986). Reported from the “Channel  
1293 Islands” by Bousquet (2012: 1197).

1294

1295 Pogonini

1296

1297 Notes. Two genera and three species of Pogonini have been recorded from California  
1298 (Bousquet 2012). The tribe was revised for the Western Hemisphere by Bousquet & Laplante  
1299 (1997).

1300

1301 *Thalassotrechus* Van Dyke, 1918

1302 Nomenclatural Authority: Bousquet (2012)

1303 Notes. One species of *Thalassotrechus* occurs in North America (Bousquet 2012).

1304

1305 *Thalassotrechus barbarae* (Horn, 1892)

1306 Nomenclatural Authority: Bousquet (2012)

1307 Literature Records: none

1308 Digitized Records: San Clemente (2 SBMNH), Santa Catalina (14 SBMNH)

1309 Range: Also known from mainland (Bousquet 2012).

1310 Notes. Bousquet & Laplante (1997) provided a map of known records but did not include  
1311 any Channel Islands specimens.

1312

1313 Pterostichini

1314

1315 Notes. Two genera and 78 species of Pterostichini are known to occur in California  
1316 (Bousquet 2012).

1317

1318 *Poecilus* Bonelli, 1810

1319 Nomenclatural Authority: Bousquet (2012)

1320 Digitized Records (genus-only): Santa Cruz (1 iNat)

1321 Notes. Five species of *Poecilus* have been recorded from California (Bousquet 2012).

1322 The genus needs revision (Bousquet 2012), but Lindroth’s (1966) key includes all but one of the  
1323 California species. The iNaturalist observation cited above appears to represent *P. laetulus*.

1324

1325 *Poecilus (Poecilus) laetulus* (LeConte, 1863)

1326 Nomenclatural Authority: Bousquet (2012)

1327 Literature Records: Santa Catalina (Cockerell 1940: 285), Santa Cruz (LeConte 1876:  
1328 298; Fall 1897: 236; Fall & Davis 1934: 143), Santa Rosa (Fall 1897: 236)

1329 Digitized Records: San Clemente (1 SBMNH), Santa Catalina (1 SBMNH)

1330 Range: Also known from mainland (Fall 1901; Bousquet 2012).

1331 Notes. Fall (1901: 45) collectively reported this and other species from “the islands off  
 1332 the coast”. This species was reported as *Pterostichus laetulus* LeConte by LeConte  
 1333 (1876), Fall (1897, 1901), and Fall & Davis (1934). Reported from the “Channel Islands”  
 1334 by Bousquet (2012: 775).

1335

1336 *Pterostichus* Bonelli, 1810

1337 Nomenclatural Authority: Bousquet (2012)

1338 Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303), Santa Rosa  
 1339 (Fall 1897: 236)

1340 Digitized Records (genus-only): San Clemente (24 LACM; 11 SBMNH), San Miguel (1  
 1341 LACM; 5 SBMNH), Santa Catalina (25 LACM; 5 SBMNH), Santa Cruz (11 LACM; 26  
 1342 SBMNH; 1 UASM), Santa Rosa (5 LACM; 18 SBMNH)

1343 Notes. Five subgenera and 73 species of *Pterostichus* have been recorded from California  
 1344 (Bousquet 2012). Fall (1901: 45) collectively reported an undetermined species and other species  
 1345 of *Pterostichus* from “the islands off the coast”. *Hypherpes* Chaudoir, 1838 is by far the largest  
 1346 subgenus of *Pterostichus* in California, with 48 species recorded (Bousquet 2012). It is badly in  
 1347 need of revision (Bousquet 2012). Most or all genus-only digitized records cited above belong to  
 1348 this subgenus. A record of *Pterostichus (Hypherpes) congestus* (Ménétriés, 1843) from Santa  
 1349 Catalina Island provided to the California Beetle Database was deemed unverifiable and needs to  
 1350 be substantiated. A record of *Pterostichus (Hypherpes) lama* (Ménétriés, 1843) from Santa Rosa  
 1351 Island exists in the SBMNH database, but no specimen was found. This species record is  
 1352 geographically suspect (K Will, 2021, pers. comm.).

1353

1354 *Pterostichus (Bothriopterus) lustrans* LeConte, 1851

1355 Nomenclatural Authority: Bousquet (2012)

1356 Literature Records: Santa Cruz (Fall & Davis 1934: 143)

1357 Digitized Records: Santa Cruz (10 SBMNH)

1358 Range: Also known from mainland (Bousquet 2012).

1359 Notes. Reported from the “Channel Islands” by Bousquet (2012: 795). Some of the  
 1360 digital records were erroneously identified as *Pterostichus adstrictus* Eschscholtz, 1823  
 1361 previously.

1362

1363 *Pterostichus (Hypherpes) gliscans* Casey, 1913

1364 Nomenclatural Authority: Bousquet (2012)

1365 Literature Records: San Clemente (Casey 1913a: 119; Miller 1985a: 19; Bousquet 2012:  
 1366 847)

1367 Digitized Records: San Miguel (28 LACM)

1368 Range: Endemic (Casey 1913a; Miller 1985a; Bousquet 2012).

1369

1370 *Pterostichus (Hypherpes) illustris* LeConte, 1851

- 1371 Nomenclatural Authority: Bousquet (2012)  
 1372 Literature Records: none  
 1373 Digitized Records: Santa Catalina (2 CASC; 1 EMEC)  
 1374 Range: Also known from mainland (Bousquet 2012).  
 1375  
 1376 *Pterostichus (Hypherpes) inermis* Fall, 1901  
 1377 Nomenclatural Authority: Bousquet (2012)  
 1378 Literature Records: none  
 1379 Digitized Records: Santa Cruz (28 EMEC)  
 1380 Range: Also known from mainland (Bousquet 2012).  
 1381  
 1382 *Pterostichus (Hypherpes) isabellae* LeConte, 1851  
 1383 Nomenclatural Authority: Bousquet (2012)  
 1384 Literature Records: San Clemente (Fall 1897: 236), Santa Catalina (Fall 1897: 236)  
 1385 Digitized Records: none  
 1386 Range: Also known from mainland (Fall 1901; Bousquet 2012).  
 1387 Notes. Fall (1901: 45) collectively reported this and other species from “the islands off  
 1388 the coast”. Reported from the “Channel Islands” by Bousquet (2012: 847).  
 1389  
 1390 *Pterostichus (Hypherpes) jacobinus* Casey, 1913  
 1391 Nomenclatural Authority: Bousquet (2012)  
 1392 Literature Records: none  
 1393 Digitized Records: Santa Catalina (1 EMEC)  
 1394 Range: Also known from mainland (Bousquet 2012).  
 1395  
 1396 *Pterostichus (Hypherpes) menetriesii* LeConte, 1873  
 1397 Nomenclatural Authority: Bousquet (2012)  
 1398 Literature Records: Santa Rosa (Fall 1897: 236; Fall 1901: 44; Bousquet 2012: 849)  
 1399 Digitized Records: San Miguel (84 CASC), Santa Cruz (4 CASC)  
 1400 Range: Also known from mainland (Bousquet 2012).  
 1401 Notes. This species was thought to be endemic to the Channel Islands by Fall (1901).  
 1402  
 1403 Sphodrini  
 1404  
 1405 Notes. Two genera and four species of Sphodrini are known to occur in California  
 1406 (Bousquet 2012).  
 1407  
 1408 *Calathus* Bonelli, 1810  
 1409 Nomenclatural Authority: Bousquet (2012)  
 1410 Digitized Records (genus-only): Santa Cruz (18 UASM)

1411 Notes. Three species of *Calathus* have been recorded from California (Bousquet 2012; M  
1412 Gimmel, unpublished data). The Western Hemisphere species were revised by Ball & Negre  
1413 (1972)

1414

1415 *Calathus (Neocalathus) ruficollis* Dejean, 1828

1416 Nomenclatural Authority: Bousquet (2012)

1417 Literature Records: Anacapa (Cockerell 1940: 285; Ball & Negre 1972: 481 [map]), San  
1418 Clemente (Ball & Negre 1972: 481 [map]), San Miguel (Cockerell 1940: 285; Ball &

1419 Negre 1972: 481 [map]), Santa Catalina (Fall 1897: 236; Baker 1905: 59; Cockerell

1420 1940: 285; Ball & Negre 1972: 481 [map]), Santa Cruz (LeConte 1876: 298; Fall 1897:

1421 236; Fall & Davis 1934: 143; Cockerell 1940: 285; Ball & Negre 1972: 481 [map];

1422 Naughton et al. 2014: 303), Santa Rosa (Fall 1897: 236; Ball & Negre 1972: 481 [map])

1423 Digitized Records: Anacapa (6 LACM; 1 SBMNH), San Miguel (183 LACM; 16

1424 SBMNH), Santa Catalina (1 CSUC; 9 LACM; 21 SBMNH), Santa Cruz (18 LACM; 31

1425 SBMNH; 4 UCSB), Santa Rosa (55 LACM; 18 SBMNH)

1426 Range: Also known from mainland (Ball & Negre 1972; Bousquet 2012).

1427 Notes. This species was cited as *C. ruficollis*, without subspecies, by authors prior to Ball  
1428 & Negre (1972), who determined that the only subspecies occurring in southern

1429 California is the nominate subspecies, *C. r. ruficollis* Dejean, 1828. Prior records of

1430 *Calathus obscurus* LeConte (Baker 1905: 59; Fall 1897: 236; Cockerell 1940: 285) also

1431 refer to this species, which was later synonymized with *C. ruficollis* (see Ball & Negre

1432 1972). Cockerell's (1940: 285) records from Anacapa, San Miguel, and Santa Cruz were

1433 cited as *Calathus insularis* Casey, which was also later synonymized with *C. ruficollis*

1434 (see Ball & Negre 1972). Reported from the "Channel Islands" by Bousquet (2012:

1435 1169).

1436

1437 *Laemostenus Bonelli*, 1810

1438 Nomenclatural Authority: Bousquet (2012)

1439 Notes. One species of *Laemostenus* occurs in California (Bousquet 2012).

1440

1441 *Laemostenus (Laemostenus) complanatus* (Dejean, 1828)

1442 Nomenclatural Authority: Bousquet (2012)

1443 Literature Records: none

1444 Digitized Records: San Nicolas (9 SBMNH), Santa Catalina (1 CASC; 2 LACM)

1445 Range: Also known from mainland (Bousquet 2012).

1446

1447

Zabrini

1448

1449 Notes. One genus and 36 species of Zabrini are known to occur in California (Bousquet

1450 2012).

1451

1452

*Amara* Bonelli, 1810

1453

Nomenclatural Authority: Bousquet (2012)

1454

1455 Digitized Records (genus-only): Anacapa (6 ASUHC), San Clemente (7 LACM), San  
1456 Nicolas (3 LACM; 1 SBMNH), Santa Barbara (17 LACM; 4 SBMNH), Santa Cruz (7 UCSB; 1

1456

iNat), Santa Rosa (1 LACM; 9 SBMNH)

1457

Notes. Nine subgenera and 36 species of *Amara* have been recorded from California

1458

(Bousquet 2012). Miller &amp; Miller (1985) reported many specimens from Santa Barbara Island

1459

not determined to species, noting the need for revision of the genus.

1460

1461 *Amara (Amara) aurata* Dejean, 1828

1462

Nomenclatural Authority: Bousquet (2012)

1463

Literature Records: San Clemente (Casey 1918: 274; Miller 1985a: 19; Hieke 1993: 121;

1464

Bousquet 2012: 929)

1465

Digitized Records: San Clemente (3 CASC), Santa Cruz (2 CASC)

1466

Range: Also known from mainland (Hieke 1993; Bousquet 2012).

1467

Notes. This species was recorded as the purported endemic *Celia clementina* Casey, 1918

1468

by Casey (1918), and by Miller (1985a) as *Amara clementina*. It was subsequently

1469

synonymized with *A. aurata* by Hieke (1993).

1470

1471 *Amara (Amara) conflata* LeConte, 1855

1472

Nomenclatural Authority: Bousquet (2012)

1473

Literature Records: none

1474

Digitized Records: Santa Cruz (4 CASC)

1475

Range: Also known from mainland (Bousquet 2012).

1476

Notes. Reported from the “Channel Islands” by Bousquet (2012: 939).

1477

1478 *Amara (Amara) pomona* Casey, 1918

1479

Nomenclatural Authority: Bousquet (2012)

1480

Literature Records: Santa Cruz (Hieke 1993: 114), Santa Rosa (Hieke 1993: 114)

1481

Digitized Records: none

1482

Range: Also known from mainland (Hieke 1993).

1483

Notes. This species was recorded as *Amara brunnipes* Motschulsky, 1859 by Hieke

1484

(1993), which is a junior primary homonym with *A. pomona* as the next available name.

1485

1486 *Amara (Bradytus) insignis* Dejean, 1831

1487

Nomenclatural Authority: Bousquet (2012)

1488

Literature Records: Santa Catalina (Fall 1897: 236; Baker 1905: 59), Santa Rosa (Fall

1489

1897: 236)

1490

Digitized Records: Santa Catalina (5 CASC), Santa Cruz (4 CASC)

1491 Range: Also known from mainland (Fall 1901; Bousquet 2012).  
1492 Notes. Fall (1901: 45) reported this species from “islands”. Reported from the “Channel  
1493 Islands” by Bousquet (2012: 905). SBMNH specimens of the “*Amara insignis* group”,  
1494 represented by the two species *A. insignis* and *A. insularis*, were determined based on the  
1495 key in Lindroth (1968: 659). The characters cited by Lindroth in both the key and species  
1496 accounts (Lindroth 1968: 659) involve the punctuation of the pronotum and development  
1497 of the hind wings. However, while mainland specimens of *A. insignis* appear to be  
1498 consistently punctate basally, this character appears to break down, at least among  
1499 northern island populations (MLG, personal observation). The shape of the aedeagal  
1500 apices do not seem to covary with this character and, in fact, impunctate “*A. insularis*”  
1501 forms do not appear to possess a distinctive aedeagus when compared to mainland *A.*  
1502 *insignis*. Additionally, hind wings appear to be developed in all specimens where this  
1503 character is visible (MLG, personal observation). In the end, all island members of the  
1504 group housed in SBMNH were determined as *A. insularis*.  
1505

1506 *Amara (Bradytus) insularis* Horn, 1875

1507 Nomenclatural Authority: Bousquet (2012)

1508 Literature Records: San Clemente (Horn 1875: 128; Fall 1897: 236; Casey 1918: 295;  
1509 Cockerell 1940: 285; Lindroth 1968: 692; Miller 1985a: 19; Miller & Miller 1985: 123),  
1510 San Nicolas (Fall 1897: 236; Hayward 1908: 51; Cockerell 1940: 285), Santa Barbara  
1511 (Fall 1897: 236; Hayward 1908: 51; Cockerell 1940: 285), Santa Rosa (Hayward 1908:  
1512 51)

1513 Digitized Records: Anacapa (4 CASC), San Clemente (31 CASC; 1 LACM; 10  
1514 SBMNH), San Miguel (2 CASC; 7 LACM; 2 SBMNH), San Nicolas (18 CASC; 201  
1515 LACM; 2 SBMNH), Santa Barbara (3 CASC; 89 LACM; 36 SBMNH), Santa Catalina (6  
1516 CASC), Santa Cruz (3 CASC; 8 SBMNH), Santa Rosa (3 CASC; 2 LACM; 18 SBMNH)

1517 Range: Endemic (Horn 1875; Fall 1897; Hayward 1908; Casey 1918; Cockerell 1940;  
1518 Lindroth 1968; Miller 1985a; Bousquet 2012).

1519 Notes. Fall (1901) reported this species from “all the islands”. Lindroth (1968: 692)  
1520 incorrectly stated that this species was only known from the type locality (San Clemente  
1521 Island), though Miller (1985a) noted that “published records from other islands [than San  
1522 Clemente] cannot be trusted.” This species, however, is questionably distinct from *A.*  
1523 *insignis* (see Notes in that species account above).  
1524

1525 *Amara (Celia) californica* Dejean, 1828

1526 Nomenclatural Authority: Bousquet (2012)

1527 Literature Records: San Clemente (Casey 1918: 294; Lindroth 1968: 693; Lindroth 1975:  
1528 131; Bousquet 2012: 915), Santa Cruz (LeConte 1876: 298; Fall 1897: 236; Fall & Davis  
1529 1934: 143), Santa Rosa (Fall 1897: 236)

1530 Digitized Records: Anacapa (40 CASC), San Clemente (5 CASC), San Miguel (21

1531 CASC), San Nicolas (17 CASC), Santa Cruz (3 CASC), Santa Rosa (1 CASC)  
 1532 Range: Also known from mainland (Lindroth 1968; Bousquet 2012).  
 1533 Notes. Recorded by Fall & Davis (1934) as *Celia californica*. *Amara perspecta* Casey,  
 1534 1918, described as endemic from San Clemente Island (Casey 1918: 294), was  
 1535 synonymized with *A. californica* by Lindroth (1968: 693). The only subspecies of *A.*  
 1536 *californica* occurring in California is the nominate subspecies, *A. c. californica* Dejean,  
 1537 1828 (Bousquet 2012).

1538

1539 *Amara (Zezea) scitula* Zimmermann, 1832

1540 Nomenclatural Authority: Bousquet (2012)

1541 Literature Records: none

1542 Digitized Records: San Miguel (1 CASC)

1543 Range: Also known from mainland (Bousquet 2012).

1544

1545

### Cicindelidae

1546

1547 Notes. The North American fauna of tiger beetles (often treated as a subfamily of  
 1548 Carabidae) was the subject of a thorough field guide by Pearson et al. (2015). Nagano (1982,  
 1549 1985) assessed the Channel Islands fauna in detail. Three tribes, eight genera, and 34 species  
 1550 have been recorded from California (Bousquet 2012; Pearson et al. 2015).

1551

1552

### Cicindelini

1553

1554 Notes. The California fauna of Cicindelini consists of five genera and 29 species  
 1555 (Bousquet 2012; Pearson et al. 2015). We follow the genus-level arrangement of Pearson et al.  
 1556 (2015) below.

1557

1558

### *Cicindela* Linnaeus, 1758

1559 Nomenclatural Authority: Bousquet (2012)

1560 Digitized Records: Santa Cruz (6 LACM)

1561 Notes. Seventeen species of *Cicindela* are known to occur in California (Bousquet 2012;  
 1562 Pearson et al. 2015).

1563

1564 *Cicindela hirticollis* Say, 1817

1565 Nomenclatural Authority: Bousquet (2012); Pearson et al. (2015)

1566 Literature Records: Santa Catalina (Nagano 1982: 36; Nagano 1985: 106; Graves, Krejci  
 1567 & Graves 1988: 653 [map]), Santa Rosa (Nagano 1982: 36; Nagano 1985: 106; Graves,  
 1568 Krejci & Graves 1988: 653 [map])

1569 Digitized Records: none

1570 Range: Also known from mainland (Nagano 1982, 1985; Graves, Krejci & Graves 1988;  
1571 Bousquet 2012).

1572 Notes. All coastal Southern California *C. hirticollis* belong to the subspecies *C. h.*  
1573 *gravida* LeConte, 1851 (Nagano 1982, 1985; Graves, Krejci & Graves 1988). Recorded  
1574 from the “Channel Islands” by Bousquet (2012: 362).

1575

1576 *Cicindela oregona* LeConte, 1856

1577 Nomenclatural Authority: Bousquet (2012); Pearson et al. (2015)

1578 Literature Records: Anacapa (Nagano 1985: 106), San Miguel (Nagano 1982: 36;

1579 Nagano 1985: 105), San Nicolas (Nagano 1982: 35; Nagano 1985: 106), Santa Catalina

1580 (Nagano 1982: 36; Nagano 1985: 106), Santa Cruz (Freitag 1965: 136; Nagano 1982: 35;

1581 Nagano 1985: 105), Santa Rosa (Fall 1897: 236; Nagano 1982: 36; Nagano 1985: 105)

1582 Digitized Records: Anacapa (1 LACM), San Miguel (1 SBMNH; 14 LACM), San

1583 Nicolas (26 LACM), Santa Cruz (20 SBMNH; 1 UCSB; 36 LACM; 12 YPMC), Santa

1584 Rosa (2 SBMNH; 17 LACM)

1585 Range: Also known from mainland (Freitag 1965; Nagano 1982, 1985; Bousquet 2012).

1586 Notes. All coastal Southern California *C. oregona* belong to the nominate subspecies, *C.*

1587 *o. oregona* LeConte, 1856 (Nagano 1982, 1985). Recorded from the “Channel Islands”

1588 by Bousquet (2012: 367).

1589

1590 *Cicindela senilis* Horn, 1867

1591 Nomenclatural Authority: Bousquet (2012); Pearson et al. (2015)

1592 Literature Records: San Clemente (Nagano 1982: 37; Nagano 1985: 107)

1593 Digitized Records: San Clemente (60 LACM; 3 SBMNH)

1594 Range: Also known from mainland (Nagano 1982, 1985; Bousquet 2012).

1595 Notes. The Channel Islands form of this species was referred to as the subspecies *C. s.*

1596 *frosti* Varas Arangua, 1928 by Nagano (1982, 1985), but subspecies were not recognized

1597 for this species by Bousquet (2012). Pearson et al. (2015) noted that “some authors”

1598 recognize these subspecies. This species was recorded from the “Channel Islands” by

1599 Bousquet (2012: 325).

1600

1601 *Cicindelidia* Rivalier, 1954

1602 Nomenclatural Authority: Bousquet (2012); Pearson et al. (2015)

1603 Notes. Four species of *Cicindelidia* are known to occur in California (Bousquet 2012;

1604 Pearson et al. 2015). Bousquet (2012) treated this taxon as a subgenus of *Cicindela*.

1605

1606 *Cicindelidia hemorrhagica* (LeConte, 1851)

1607 Nomenclatural Authority: Bousquet (2012); Pearson et al. (2015)

1608 Literature Records: San Nicolas (Nagano 1982: 39; Nagano 1985: 109), Santa Cruz

1609 (Nagano 1982: 39; Nagano 1985: 109)

1610 Digitized Records: San Nicolas (19 SBMNH), Santa Cruz (2 SBMNH; 2 UCSB; 62  
 1611 YPMC)  
 1612 Range: Also known from mainland (Nagano 1982, 1985; Bousquet 2012).  
 1613 Notes. All Channel Islands *C. hemorrhagica* belong to the nominate subspecies, *C. h.*  
 1614 *hemorrhagica* (LeConte, 1851) (Nagano 1982,1985). Recorded from the “Channel  
 1615 Islands” by Bousquet (2012: 314); Nagano (1982, 1985) listed this species as *Cicindela*  
 1616 *haemorrhagica*, and Bousquet (2012) as *Cicindela hemorrhagica*.

1617

1618 *Cicindelidia trifasciata* (Fabricius, 1781)

1619 Nomenclatural Authority: Bousquet (2012); Pearson et al. (2015)

1620 Literature Records: Santa Catalina (Nagano 1982: 38; Nagano 1985: 109)

1621 Digitized Records: Santa Catalina (3 SBMNH; 132 LACM; 1 SDNHM)

1622 Range: Also known from mainland (Nagano 1982, 1985; Bousquet 2012).

1623 Notes. All Southern California *C. trifasciata* belong to the subspecies *C. t. sigmoidea*

1624 (LeConte, 1851) (Nagano 1982, 1985). Recorded from the “Channel Islands” by

1625 Bousquet (2012: 326); Nagano (1982, 1985) and Bousquet (2012) listed this species as

1626 *Cicindela trifasciata sigmoidea*.

1627

## 1628 **Dytiscidae**

1629

1630 Notes. Seven subfamilies, 36 genera, and 156 species of this family are known to occur in  
 1631 California (Challet & Brett 1998; M Gimmel, unpublished data). Challet & Brett (1998)  
 1632 provided an excellent county-by-county summary of their distribution in California, though the  
 1633 nomenclature of some of the genera is now out of date. Likewise, Larson, Alarie & Roughley  
 1634 (2000) provided excellent illustrated keys for most North American species of the family, but the  
 1635 generic classification has changed in many groups. Nilsson & Hájek (2018) provided an updated  
 1636 world catalog for the family.

1637

## 1638 Agabinae: Agabini

1639

1640 Notes. Two tribes, six genera, and 38 species of Agabinae are known from California, of  
 1641 which just one species belongs to Hydrotrupini and the remainder belong to Agabini (Challet &  
 1642 Brett 1998; M Gimmel, unpublished data).

1643

## 1644 *Agabinus* Crotch, 1873

1645 Nomenclatural Authority: Nilsson & Hájek (2018)

1646 Digitized Records (genus-only): Santa Cruz (1 UCSB)

1647 Notes. Two species of *Agabinus* are known to occur in California (Challet & Brett 1998).

1648

1649 *Agabinus glabrellus* (Motschulsky, 1859)

- 1650 Nomenclatural Authority: Nilsson & Hájek (2018)  
1651 Literature Records: Santa Catalina (Fall 1897: 236; Fall 1901: 53; Challet 1987: 13),  
1652 Santa Cruz (Furlong & Wenner 2002: 250)  
1653 Digitized Records: Santa Catalina (1 LACM; 8 SBMNH), Santa Cruz (3 SBMNH), Santa  
1654 Rosa (4 SBMNH)  
1655 Range: Also known from mainland (Challet & Brett 1998).  
1656  
1657 *Agabinus sculptureellus* Zimmermann, 1919  
1658 Nomenclatural Authority: Nilsson & Hájek (2018)  
1659 Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)  
1660 Digitized Records: none  
1661 Range: Also known from mainland (Challet & Brett 1998).  
1662  
1663 *Agabus* Leach, 1817  
1664 Nomenclatural Authority: Nilsson & Hájek (2018)  
1665 Notes. Sixteen species of *Agabus* are known to occur in California (Challet & Brett 1998;  
1666 M Gimmel, unpublished data). These species are best separated by examination of the male  
1667 genitalia (Larson, Alarie & Roughley 2000).  
1668  
1669 *Agabus obsoletus* LeConte, 1858  
1670 Nomenclatural Authority: Nilsson & Hájek (2018)  
1671 Literature Records: none  
1672 Digitized Records: San Miguel (5 SBMNH)  
1673 Range: Also known from mainland (Challet & Brett 1998).  
1674  
1675 *Ilybiosoma* Crotch, 1873  
1676 Nomenclatural Authority: Nilsson & Hájek (2018)  
1677 Notes. Eight species of *Ilybiosoma* are known to occur in California (Challet & Brett  
1678 1998; M Gimmel, unpublished data).  
1679  
1680 *Ilybiosoma lugens* (LeConte, 1852)  
1681 Nomenclatural Authority: Nilsson & Hájek (2018)  
1682 Literature Records: Santa Catalina (Challet 1987: 13), Santa Rosa (Fall 1897: 236)  
1683 Digitized Records: San Nicolas (2 SBMNH), Santa Catalina (58 SBMNH), Santa Cruz (9  
1684 SBMNH), Santa Rosa (6 LACM; 10 SBMNH)  
1685 Range: Also known from mainland (Challet & Brett 1998).  
1686 Notes. Reported as *Agabus lugens* by Fall (1897) and Challet (1987). Specimens of this  
1687 species are indistinguishable from another California species, *Ilybiosoma perplexum*  
1688 (Sharp, 1882), except by male genitalia (Larson, Alarie & Roughley 2000). The San  
1689 Nicolas Island specimens were both female; consequently, once discovered, male

- 1690 specimens matching the description of *I. lugens* from that island should be dissected to  
1691 confirm their identity.
- 1692
- 1693 *Ilybiosoma regulare* (LeConte, 1852)
- 1694 Nomenclatural Authority: Nilsson & Hájek (2018)
- 1695 Literature Records: none
- 1696 Digitized Records: Santa Cruz (5 SBMNH), Santa Rosa (3 SBMNH)
- 1697 Range: Also known from mainland (Challet & Brett 1998).
- 1698
- 1699 *Ilybiosoma seriatum* (Say, 1823)
- 1700 Nomenclatural Authority: Nilsson & Hájek (2018)
- 1701 Literature Records: none
- 1702 Digitized Records: Santa Cruz (2 SBMNH), Santa Rosa (4 SBMNH)
- 1703 Range: Also known from mainland (Challet & Brett 1998).
- 1704
- 1705 *Ilybius* Erichson, 1832
- 1706 Nomenclatural Authority: Nilsson & Hájek (2018)
- 1707 Notes. Ten species of *Ilybius* are known to occur in California (Challet & Brett 1998; M  
1708 Gimmel, unpublished data). These species are best separated by examination of the male  
1709 genitalia (Larson, Alarie & Roughley 2000).
- 1710
- 1711 *Ilybius discors* (LeConte, 1861)
- 1712 Nomenclatural Authority: Nilsson & Hájek (2018)
- 1713 Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)
- 1714 Digitized Records: none
- 1715 Range: Also known from mainland (Challet & Brett 1998).
- 1716 Notes. Reported by Furlong & Wenner (2002) as *Agabus discors*.
- 1717
- 1718 *Ilybius lineellus* (LeConte, 1861)
- 1719 Nomenclatural Authority: Nilsson & Hájek (2018)
- 1720 Literature Records: none
- 1721 Digitized Records: Santa Cruz (2 SBMNH)
- 1722 Range: Also known from mainland (Challet & Brett 1998).
- 1723
- 1724 *Ilybius walsinghamsi* (Crotch, 1873)
- 1725 Nomenclatural Authority: Nilsson & Hájek (2018)
- 1726 Literature Records: San Clemente (Larson 1996: 665 [map only])
- 1727 Digitized Records: Santa Rosa (17 SBMNH)
- 1728 Range: Also known from mainland (Larson 1996; Challet & Brett 1998).
- 1729 Notes. Reported by Larson (1996) as *Agabus walsinghamsi*.

1730

1731

Colymbetinae

1732

1733 Notes. Two genera, and 10 species of Colymbetinae have been recorded from California

1734 (Challet &amp; Brett 1998; M Gimmel, unpublished data), all belonging to the tribe Colymbetini.

1735

1736

*Rhantus* Dejean, 1833

1737 Nomenclatural Authority: Nilsson &amp; Hájek (2018)

1738 Notes. Seven species of *Rhantus* are known to occur in California (Challet & Brett 1998;

1739 M Gimmel, unpublished data).

1740

1741 *Rhantus gutticollis* (Say, 1830)

1742 Nomenclatural Authority: Nilsson &amp; Hájek (2018)

1743 Literature Records: San Clemente (Zimmerman &amp; Smith 1975: 52), Santa Catalina

1744 (Challet 1987: 13), Santa Cruz (Furlong &amp; Wenner 2002: 250)

1745 Digitized Records: San Clemente (28 SBMNH), San Nicolas (1 SBMNH), Santa Catalina

1746 (57 LACM; 6 SBMNH), Santa Cruz (5 SBMNH), Santa Rosa (3 SBMNH)

1747 Range: Also known from mainland (Zimmerman &amp; Smith 1975; Challet &amp; Brett 1998).

1748

1749

Dytiscinae

1750

1751 Notes. Five tribes, seven genera, and 14 species of Dytiscinae have been recorded from

1752 California (M Gimmel, unpublished data).

1753

1754

## Dytiscini

1755

1756 Notes. One genus and four species of Dytiscini are known to occur in California (Challet

1757 &amp; Brett 1998).

1758

1759

*Dytiscus* Linnaeus, 1758

1760 Nomenclatural Authority: Nilsson &amp; Hájek (2018)

1761 Notes. Four species of *Dytiscus* are known to occur in California (Challet & Brett 1998).

1762

1763 *Dytiscus marginicollis* LeConte, 1845

1764 Nomenclatural Authority: Nilsson &amp; Hájek (2018)

1765 Literature Records: Santa Catalina (Challet 1987: 13)

1766 Digitized Records: San Clemente (6 SBMNH), Santa Catalina (4 LACM)

1767 Range: Also known from mainland (Challet &amp; Brett 1998).

1768

1769

## Eretini

1770

1771 Notes. One genus and species of Eretini is known to occur in California (Challet & Brett  
1772 1998).

1773

1774 *Eretes* Laporte, 1833

1775 Nomenclatural Authority: Nilsson & Hájek (2018)

1776 Notes. One species of *Eretes* has been reported from California (Challet & Brett 1998).

1777 This genus was revised by Miller (2002).

1778

1779 *Eretes sticticus* (Linnaeus, 1767)

1780 Nomenclatural Authority: Nilsson & Hájek (2018)

1781 Literature Records: none

1782 Digitized Records: Santa Catalina (2 LACM)

1783 Range: Also known from mainland (Challet & Brett 1998; Miller 2002).

1784

1785 Hydroporinae

1786

1787 Notes. Six tribes, 19 genera, and 85 species of Hydroporinae are known to occur in  
1788 California (Challet & Brett 1998; M Gimmel, unpublished data).

1789

1790 Bidessini

1791

1792 Notes. Three genera and 10 species of Bidessini are known to occur in California (M  
1793 Gimmel, unpublished data).

1794

1795 *Liodessus* Guignot, 1939

1796 Nomenclatural Authority: Nilsson & Hájek (2018)

1797 Notes. Two species of *Liodessus* have been reported from California (Miller 1998). The  
1798 *L. affinis* group, containing both California species, was revised by Miller (1998).

1799

1800 *Liodessus obscurellus* (LeConte, 1852)

1801 Nomenclatural Authority: Nilsson & Hájek (2018)

1802 Literature Records: none

1803 Digitized Records: San Miguel (3 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (11  
1804 SBMNH), Santa Rosa (8 SBMNH)

1805 Range: Also known from mainland (Miller 1998).

1806 Notes. This species was treated as a junior synonym of *Liodessus affinis* (Say, 1823) until  
1807 recently (Miller 1998).

1808

1809 *Neoclypeodytes* Young, 1967

- 1810 Nomenclatural Authority: Nilsson & Hájek (2018)  
1811 Notes. Seven species of *Neoclypeodytes* have been reported from California (Miller  
1812 2001). The genus was revised by Miller (2001).  
1813  
1814 *Neoclypeodytes pictodes* (Sharp, 1882)  
1815 Nomenclatural Authority: Nilsson & Hájek (2018)  
1816 Literature Records: none  
1817 Digitized Records: Santa Rosa (16 SBMNH)  
1818 Range: Also known from mainland (Challet & Brett 1998; Miller 2001).  
1819  
1820 *Uvarus* Guignot, 1939  
1821 Nomenclatural Authority: Nilsson & Hájek (2018)  
1822 Notes. One species of *Uvarus* is known to occur in California (Challet & Brett 1998).  
1823  
1824 *Uvarus subtilis* (LeConte, 1852)  
1825 Nomenclatural Authority: Nilsson & Hájek (2018)  
1826 Literature Records: none  
1827 Digitized Records: Santa Cruz (6 SBMNH), Santa Rosa (2 SBMNH)  
1828 Range: Also known from mainland (Challet & Brett 1998).  
1829  
1830 Hydroporini  
1831  
1832 Notes. Eleven genera and 49 species of Hydroporini are known to occur in California  
1833 (Challet & Brett 1998; M Gimmel, unpublished data).  
1834  
1835 *Leconectes* Fery & Ribera, 2018  
1836 Nomenclatural Authority: Fery & Ribera (2018)  
1837 Notes. One species of *Leconectes* is known to occur in California (M Gimmel,  
1838 unpublished data).  
1839  
1840 *Leconectes striatellus* (LeConte, 1852)  
1841 Nomenclatural Authority: Fery & Ribera (2018)  
1842 Literature Records: Santa Catalina (Challet 1987: 13), Santa Rosa (Fall 1897: 236)  
1843 Digitized Records: San Clemente (1 SBMNH), San Miguel (2 SBMNH), Santa Catalina  
1844 (54 LACM; 2 SBMNH), Santa Cruz (14 SBMNH; 1 UCSB), Santa Rosa (11 SBMNH)  
1845 Range: Also known from mainland (Challet & Brett 1998; Fery & Ribera 2018).  
1846 Notes. Fall (1897) and Challet (1987) reported this species as *Deronektes striatellus*; it  
1847 has also been known as *Stictotarsus striatellus* or *Boreonektes striatellus* until recently  
1848 (Fery & Ribera 2018).  
1849

- 1850 *Sanfilippodytes* Franciscolo, 1979
- 1851 Nomenclatural Authority: Nilsson & Hájek (2018)
- 1852 Digitized Records (genus-only): Santa Cruz (8 EMEC)
- 1853 Notes. Thirteen species of *Sanfilippodytes* are known to occur in California (Challet &
- 1854 Brett 1998).
- 1855
- 1856 *Sanfilippodytes barbarendis* (Wallis, 1933)
- 1857 Nomenclatural Authority: Nilsson & Hájek (2018)
- 1858 Literature Records: none
- 1859 Digitized Records: Santa Catalina (7 SBMNH), Santa Cruz (9 SBMNH), Santa Rosa (34
- 1860 SBMNH)
- 1861 Range: Also known from mainland (Nilsson & Hájek 2018).
- 1862
- 1863 *Sanfilippodytes latebrosus* (LeConte, 1852)
- 1864 Nomenclatural Authority: Nilsson & Hájek (2018)
- 1865 Literature Records: none
- 1866 Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (12
- 1867 SBMNH)
- 1868 Range: Also known from mainland (Challet & Brett 1998).
- 1869
- 1870 *Sanfilippodytes vilis* (LeConte, 1852)
- 1871 Nomenclatural Authority: Nilsson & Hájek (2018)
- 1872 Literature Records: Santa Catalina (Challet 1987: 13), Santa Cruz (Furlong & Wenner
- 1873 2002: 250)
- 1874 Digitized Records: San Miguel (7 SBMNH), San Nicolas (8 SBMNH)
- 1875 Range: Also known from mainland (Challet & Brett 1998).
- 1876 Notes. According to Challet (1987: 13), Fall (1897) originally reported this species as
- 1877 *Hydroporus vilis* from Santa Catalina and Santa Rosa, but later (Fall 1923) indicated that
- 1878 these records referred to *H. belfragei* (see *S. williamsi* below). All of the foregoing species
- 1879 were subsequently transferred to *Sanfilippodytes*.
- 1880
- 1881 *Sanfilippodytes williamsi* (Rochette, 1986)
- 1882 Nomenclatural Authority: Nilsson & Hájek (2018)
- 1883 Literature Records: Santa Catalina (Fall 1897: 236; Fall 1923: 59; Rochette 1986: 341;
- 1884 Challet 1987: 13), Santa Rosa (Fall 1897: 236)
- 1885 Digitized Records: Santa Cruz (3 SBMNH)
- 1886 Range: Also known from mainland (Rochette 1986; Challet & Brett 1998).
- 1887 Notes. Fall (1897: 236) misidentified this species as *Hydroporus vilis* LeConte. Fall
- 1888 (1923) and Challet (1987) corrected the identification to *Hydroporus belfragei* Sharp,
- 1889 1882. Finally, Rochette (1986) described the new species *H. williamsi* that included the

1890 island material. All of the foregoing species were subsequently transferred to  
 1891 *Sanfilippodytes*.

1892

1893 Hydrovatini

1894

1895 Notes. One genus and two species of Hydrovatini are known to occur in California  
 1896 (Challet & Brett 1998).

1897

1898 *Hydrovatus* Motschulsky, 1853

1899 Nomenclatural Authority: Nilsson & Hájek (2018)

1900 Notes. Two species of *Hydrovatus* are known to occur in California (Challet & Brett  
 1901 1998).

1902

1903 *Hydrovatus brevipes* Sharp, 1882

1904 Nomenclatural Authority: Nilsson & Hájek (2018)

1905 Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)

1906 Digitized Records: none

1907 Range: Also known from mainland (Challet & Brett 1998).

1908

1909 Hygrotini

1910

1911 Notes. Two genera and 21 species of Hygrotini are known to occur in California (Challet  
 1912 & Brett 1998).

1913

1914 *Hygrotus* Stephens, 1828

1915 Nomenclatural Authority: Nilsson & Hájek (2018)

1916 Notes. Twenty species of *Hygrotus* are known to occur in California (Challet & Brett  
 1917 1998).

1918

1919 *Hygrotus (Leptolambus) lutescens* (LeConte, 1852)

1920 Nomenclatural Authority: Nilsson & Hájek (2018)

1921 Literature Records: Santa Catalina (Challet 1987: 13)

1922 Digitized Records: San Clemente (14 SBMNH), San Nicolas (7 SBMNH), Santa Catalina  
 1923 (63 LACM; 10 SBMNH), Santa Cruz (12 SBMNH)

1924 Range: Also known from mainland (Challet & Brett 1998).

1925

1926 Laccophilinae

1927

1928 Notes. One genus and six species of Laccophilinae are known to occur in California  
 1929 (Challet & Brett 1998), all belonging to the tribe Laccophilini.

1930

1931

*Laccophilus* Leach, 1815

1932 Nomenclatural Authority: Nilsson &amp; Hájek (2018)

1933 Notes. Six species of *Laccophilus* are known to occur in California (Challet & Brett  
1934 1998).

1935

1936 *Laccophilus fasciatus* Aubé, 1838

1937 Nomenclatural Authority: Nilsson &amp; Hájek (2018)

1938 Literature Records: Santa Catalina (Challet 1987: 13)

1939 Digitized Records: San Clemente (16 SBMNH), Santa Catalina (34 LACM; 1 SBMNH)

1940 Range: Also known from mainland (Challet &amp; Brett 1998).

1941 Notes. Challet (1987) indicated that the subspecies occurring on the islands is *L. f.*1942 *terminalis* Sharp, 1882.

1943

1944 *Laccophilus maculosus* (Germar, 1823)

1945 Nomenclatural Authority: Nilsson &amp; Hájek (2018)

1946 Literature Records: Santa Catalina (Challet 1987: 13)

1947 Digitized Records: Santa Catalina (24 LACM; 6 SBMNH)

1948 Range: Also known from mainland (Challet &amp; Brett 1998).

1949 Notes. Challet (1987) indicated the subspecies occurring on the islands is *L. m. decipiens*  
1950 LeConte, 1852.

1951

1952

**Gyrinidae**

1953

1954 Notes. Two genera and 11 species of this family are known to occur in California, all of  
1955 which belong to the subfamily Gyrininae (M Gimmel, unpublished data).

1956

1957

*Gyrinus* Müller, 1764

1958 Nomenclatural Authority: Oygur &amp; Wolfe (1991)

1959 Notes. Nine species of *Gyrinus* are known to occur in California (Oygur & Wolfe 1991).1960 Additional species of *Gyrinus* are likely to occur on the Channel Islands. Oygur & Wolfe (1991)  
1961 revised the genus for North America and provided an identification key to species.

1962

1963 *Gyrinus plicifer* LeConte, 1852

1964 Nomenclatural Authority: Oygur &amp; Wolfe (1991)

1965 Literature Records: Santa Cruz (Furlong &amp; Wenner 2002: 250)

1966 Digitized Records: Santa Catalina (6 SBMNH), Santa Cruz (1 CASC; 20 SBMNH; 3  
1967 UCSB), Santa Rosa (8 SBMNH)

1968 Range: Also known from mainland (Oygur &amp; Wolfe 1991).

1969

1970 **Haliplidae**

1971

1972 Notes. Three genera and 20 species of this family are known to occur in California  
 1973 (Vondel 2021). Vondel (2021) provided a recent revision of the North American species. Leech  
 1974 & Chandler (1956) provided keys to the California species known at the time.

1975

1976 *Haliplus* Latreille, 1802

1977 Nomenclatural Authority: Vondel (2021)

1978 Notes. Thirteen species of *Haliplus* have been reported to occur in California (Vondel  
 1979 2021).

1980

1981 *Haliplus* undetermined species

1982 Literature Records: none

1983 Digitized Records: Santa Catalina (4 LACM)

1984

1985 *Peltodytes* Régimbart, 1879

1986 Nomenclatural Authority: Vondel (2021)

1987 Notes. Five species of *Peltodytes* have been reported to occur in California (Vondel  
 1988 2021).

1989

1990 *Peltodytes (Neopeltodytes) simplex* (LeConte, 1852)

1991 Nomenclatural Authority: Vondel (2021)

1992 Literature Records: Santa Catalina (Vondel 2021: 258), Santa Cruz (Furlong & Wenner  
 1993 2002: 250; Vondel 2021: 258)

1994 Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (17 SBMNH; 1 UCSB),  
 1995 Santa Rosa (9 SBMNH)

1996 Range: Also known from mainland (Vondel 2021).

1997

1998 **MYXOPHAGA**

1999

2000 **Hydroscaphidae**

2001

2002 Notes. Only one species of this family is known to occur in California (Reichardt 1973).  
 2003 The New World Hydroscaphidae were treated by Reichardt & Hinton (1976).

2004

2005 *Hydroscapha* LeConte, 1874

2006 Nomenclatural Authority: Reichardt & Hinton (1976)

2007 Notes. One species of *Hydroscapha* is known from California (Reichardt 1973).

2008

2009 *Hydroscapha natans* LeConte, 1874

2010 Nomenclatural Authority: Reichardt & Hinton (1976).  
 2011 Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)  
 2012 Digitized Records: Santa Cruz (9 SBMNH), Santa Rosa (9 SBMNH)  
 2013 Range: Also known from mainland (Reichardt & Hinton 1976).  
 2014

### 2015 **Sphaeriusidae, NEW FAMILY RECORD**

2016  
 2017 Notes. Two species of this family are known to occur in California (Reichardt 1973).  
 2018 This family has also been known as Sphaeridae, Sphaeriidae, and Microsporidae in the literature.  
 2019

#### 2020 *Sphaerius* Waltl, 1838

2021 Nomenclatural Authority: Reichardt (1973)  
 2022 Notes. Two species of *Sphaerius* have been recorded from California (Reichardt 1973).  
 2023

#### 2024 *Sphaerius politus* Horn, 1868

2025 Nomenclatural Authority: Reichardt (1973)  
 2026 Literature Records: none  
 2027 Digitized Records: Santa Catalina (4 SBMNH), Santa Cruz (11 SBMNH)  
 2028 Range: Also known from mainland (Horn 1868).  
 2029 Notes. This species was described from Visalia, Tulare County, California (Horn 1868).  
 2030

## 2031 **POLYPHAGA**

## 2032 **SCIRTOIDEA**

### 2033 **Scirtidae**

2034  
 2035 Notes. Four genera and 14 species of Scirtidae are known from California (M Gimmel,  
 2036 unpublished data).  
 2037

2038 Scirtidae undetermined genus and species

2039 Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)  
 2040 Digitized Records: none  
 2041 Notes. Furlong & Wenner (2002) did not indicate number of specimens, adult or larva, or  
 2042 specimen deposition of their record of “Scirtidae” from Santa Cruz Island.  
 2043  
 2044

## 2045 **CLAMBOIDEA**

### 2046 **Clambidae**

2047  
 2048  
 2049

2050 Notes. There are two genera and five species of Clambidae recorded from California  
2051 (Endrődy-Younga 1981). This family was treated for North America by Endrődy-Younga  
2052 (1981), who provided keys to all known species.

2053

2054 *Clambus* Fischer von Waldheim, 1820

2055 Nomenclatural Authority: Endrődy-Younga (1981)

2056 Notes. Four species of *Clambus* have been recorded from California (Endrődy-Younga  
2057 1981).

2058

2059 *Clambus* undetermined species

2060 Literature Records: none

2061 Digitized Records: Santa Cruz (1 SBMNH)

2062 Notes. The Santa Cruz Island specimen housed in SBMNH is a female, and therefore  
2063 cannot presently be determined to species (MLG, personal observation).

2064

2065 *Loricaster* Mulsant & Rey, 1861

2066 Nomenclatural Authority: Endrődy-Younga (1981)

2067 Notes. One species of *Loricaster* has been recorded from California (Endrődy-Younga  
2068 1981).

2069

2070 *Loricaster rotundus* Grigarick & Schuster, 1961

2071 Nomenclatural Authority: Endrődy-Younga (1981)

2072 Literature Records: none

2073 Digitized Records: San Clemente (2 SBMNH), Santa Catalina (10 SBMNH)

2074 Range: Also known from mainland (Endrődy-Younga 1981).

2075 Notes. The genus *Loricaster* was recorded from Santa Catalina Island by Caterino &  
2076 Chandler (2010: 191); that record certainly refers to this species.

2077

2078 **DASCILLOIDEA**

2079

2080 **Dascillidae, NEW FAMILY RECORD**

2081

2082 Notes. Two subfamilies, two genera, and three species of Dascillidae are known to occur  
2083 in California (Johnston & Gimmel 2020). Johnston & Gimmel (2020) reviewed the family for  
2084 North America.

2085

2086 Karumiinae

2087

2088 *Anorus* LeConte, 1859

2089 Nomenclatural Authority: Johnston & Gimmel (2020)

2090 Notes. Two species of *Anorus* have been recorded from California (Johnston & Gimmel  
2091 2020).

2092

2093 *Anorus piceus* LeConte, 1859

2094 Nomenclatural Authority: Johnston & Gimmel (2020)

2095 Literature Records: none

2096 Digitized Records: San Clemente (1 LACM), Santa Catalina (3 LACM), Santa Cruz (4  
2097 LACM), Santa Rosa (23 LACM)

2098 Range: Also known from mainland (Johnston & Gimmel 2020).

2099 Notes. Johnston & Gimmel (2020) saw no specimens from the Channel Islands during the  
2100 course of their study. The specimens listed above were examined by us and are certainly  
2101 within the *A. piceus* concept of the recent revision and are reliably labeled from the  
2102 islands from multiple collecting events. The flightless morphology and life history of  
2103 females of this species (Johnston & Gimmel 2020) presents a fascinating question of how  
2104 these island populations became established.

2105

2106 **Rhipiceridae, NEW FAMILY RECORD**

2107

2108 Notes. One genus and two species of Rhipiceridae are known to occur in California  
2109 (Schnepp & Powell 2018).

2110

2111 *Sandalus* Knoch, 1801

2112 Nomenclatural Authority: Schnepp & Powell (2018)

2113 Notes. Two species of *Sandalus* have been recorded from California (Schnepp & Powell  
2114 2018).

2115

2116 *Sandalus cribricollis* Van Dyke, 1923

2117 Nomenclatural Authority: Schnepp & Powell (2018)

2118 Literature Records: none

2119 Digitized Records: Santa Catalina (1 UCRC)

2120 Range: Also known from mainland (Van Dyke 1923).

2121

2122 **BUPRESTOIDEA**

2123

2124 **Buprestidae**

2125

2126 Notes. Four subfamilies, 35 genera, and 319 species of Buprestidae are known to occur in  
2127 California (Nelson et al. 2008; M Gimmel, unpublished data). This family was the subject of an  
2128 extensive distributional catalog and bibliography by Nelson et al. (2008).

2129

2130 Agrilinae: Agrilini

2131

2132 Notes. Two tribes, three genera, and 33 species of Agrilinae are known to occur in  
2133 California, of which just one species belongs to Tracheini and the remainder to Agrilini (Nelson  
2134 et al. 2008; M Gimmel, unpublished data).

2135

2136 *Agrilus* Curtis, 1825

2137 Nomenclatural Authority: Nelson et al. (2008)

2138 Notes. Thirty-one species of *Agrilus* have been reported from California (Nelson et al.  
2139 2008; M Gimmel, unpublished data).

2140

2141 *Agrilus quadriguttatus* Gory, 1841

2142 Nomenclatural Authority: Nelson et al. (2008)

2143 Literature Records: none

2144 Digitized Records: Santa Cruz (14 SBMNH)

2145 Range: Also known from mainland (Nelson et al. 2008).

2146 Notes. The subspecies of *A. quadriguttatus* occurring on the Channel Islands is *A. q.*  
2147 *niveiventris* Horn, 1891 (N Woodley, 2021, pers. comm.).

2148

2149 Buprestinae

2150

2151 Notes. Seven tribes, 15 genera, and 132 species of Buprestinae are known to occur in  
2152 California (Nelson et al. 2008; M Gimmel, unpublished data).

2153

2154 Anthaxiini

2155

2156 Notes. One genus and 24 species of Anthaxiini are known to occur in California (Nelson  
2157 et al. 2008).

2158

2159 *Anthaxia* Eschscholtz, 1829

2160 Nomenclatural Authority: Nelson et al. (2008)

2161 Digitized Records (genus-only): Santa Cruz (9 SBMNH; 6 UCRC; 1 UCSB)

2162 Notes. Twenty-four species of *Anthaxia* have been reported from California (Nelson et al.  
2163 2008). All but one of the undetermined specimens reported above belong to the *A. aeneogaster*  
2164 species group, a taxonomic complex that needs revision (N Woodley, 2021, pers. comm.).

2165

2166 *Anthaxia (Melanthaxia) aeneogaster* Gory & Laporte, 1839

2167 Nomenclatural Authority: Nelson et al. (2008)

2168 Literature Records: none

2169 Digitized Records: Santa Cruz (4 SBMNH)

2170 Range: Also known from mainland (Nelson et al. 2008).

2171

2172 Buprestini

2173

2174 Notes. Three genera and 19 species of Buprestini are known to occur in California  
2175 (Nelson et al. 2008).

2176

2177 *Buprestis* Linnaeus, 1758

2178 Nomenclatural Authority: Nelson et al. (2008)

2179 Notes. Fourteen species of *Buprestis* have been reported from California (Nelson et al.  
2180 2008). The genus was revised for North America by Helfer (1941).

2181

2182 *Buprestis (Cypriacis) aurulenta* Linnaeus, 1767

2183 Nomenclatural Authority: Nelson et al. (2008)

2184 Literature Records: Santa Cruz (Cockerell 1940: 286)

2185 Digitized Records: Santa Cruz (6 CASC; 6 SBMNH)

2186 Range: Also known from mainland (Nelson et al. 2008).

2187

2188 Chrysobothrini

2189

2190 Notes. Three genera and 68 species of Chrysobothrini are known to occur in California  
2191 (Nelson et al. 2008; M Gimmel, unpublished data).

2192

2193 *Chrysobothris* Eschscholtz, 1829

2194 Nomenclatural Authority: Nelson et al. (2008)

2195 Notes. Sixty-five species of *Chrysobothris* have been recorded from California (M  
2196 Gimmel, unpublished data).

2197

2198 *Chrysobothris mali* Horn, 1886

2199 Nomenclatural Authority: Nelson et al. (2008)

2200 Literature Records: none

2201 Digitized Records: Santa Catalina (1 CASC), Santa Cruz (1 SBMNH)

2202 Range: Also known from mainland (Nelson et al. 2008).

2203

2204 Melanophilini

2205

2206 Notes. Four genera and 13 species of Melanophilini have been recorded from California  
2207 (Nelson et al. 2008).

2208

2209 *Melanophila* Eschscholtz, 1829

- 2210 Nomenclatural Authority: Nelson et al. (2008)  
 2211 Notes. Four species of *Melanophila* have been recorded from California (Nelson et al.  
 2212 2008). The genus was revised for North America by Sloop (1937).  
 2213  
 2214 *Melanophila consputa* LeConte, 1857  
 2215 Nomenclatural Authority: Nelson et al. (2008)  
 2216 Literature Records: none  
 2217 Digitized Records: Santa Catalina (4 iNat)  
 2218 Range: Also known from mainland (Nelson et al. 2008).  
 2219  
 2220 Polycestinae: Acmaeoderini  
 2221  
 2222 Notes. Five tribes, eight genera, and 119 species of Polycestinae are known to occur in  
 2223 California, of which four genera and 102 species belong to Acmaeoderini (Nelson et al. 2008).  
 2224  
 2225 *Acmaeodera* Eschscholtz, 1829  
 2226 Nomenclatural Authority: Nelson et al. (2008)  
 2227 Digitized Records (genus-only): Santa Cruz (4 UCSB)  
 2228 Notes. Cockerell (1940: 286) relayed information from H.C. Fall that *Acmaeodera*  
 2229 *connexa* LeConte, 1859 (which he misspelled as “*A. convexa*”) was erroneously recorded from  
 2230 Santa Rosa (Fall 1897: 237). A total of 78 species of *Acmaeodera* has been recorded from  
 2231 California (Nelson et al. 2008).  
 2232  
 2233 *Acmaeodera (Acmaeodera) hepburnii* LeConte, 1860  
 2234 Nomenclatural Authority: Nelson et al. (2008)  
 2235 Literature Records: Santa Catalina (Bellamy 1982: 359), Santa Cruz (Nelson 1962: 56;  
 2236 Bellamy 1982: 359), Santa Rosa (Fall 1897: 237; Cockerell 1940: 286)  
 2237 Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (41 CASC; 10 LACM; 29  
 2238 SBMNH; 6 UCSB; 1 iNat), Santa Rosa (2 SBMNH)  
 2239 Range: Also known from mainland (Nelson 1962; Nelson et al. 2008).  
 2240 Notes. Often misspelled *Acmaeodera hepburni*.  
 2241  
 2242 *Acmaeodera (Acmaeodera) mariposa* Horn, 1878  
 2243 Nomenclatural Authority: Nelson et al. (2008)  
 2244 Literature Records: none  
 2245 Digitized Records: Santa Cruz (3 SBMNH)  
 2246 Range: Also known from mainland (Nelson et al. 2008).  
 2247 Notes. The subspecies occurring on the islands is *A. m. dohrni* Horn, 1878 (N Woodley,  
 2248 2021, pers. comm.).  
 2249

- 2250 *Acmaeodera (Acmaeodera) prorsa* Fall, 1899  
2251 Nomenclatural Authority: Nelson et al. (2008)  
2252 Literature Records: Santa Cruz (Bellamy 1982: 359)  
2253 Digitized Records: Santa Catalina (1 CASC), Santa Cruz (1 CASC; 1 SBMNH; 1 UCSB)  
2254 Range: Also known from mainland (Bellamy 1982; Nelson et al. 2008).

2255

2256

## DRYOPOIDEA

2257

2258

### Dryopidae

2259

- 2260 Notes. Three genera and five species of Dryopidae are known to occur in California  
2261 (Shepard 1993). Shepard (1993) provided the most recent published checklist of California  
2262 Dryopidae. Brown (1972), although outdated, remains the best identification guide for North  
2263 America.

2264

2265

#### *Postelichus* Nelson, 1989

2266

Nomenclatural Authority: Shepard (1993)

2267

- 2268 Notes. Two species of *Postelichus* have been recorded from California (Shepard 1993;  
2269 Barr & Shepard 2022). A key to the species of *Postelichus* was provided by Barr & Shepard (in  
2270 press).

2271

#### *Postelichus productus* (LeConte, 1852)

2272

Nomenclatural Authority: Barr & Shepard (in press)

2273

Literature Records: Santa Catalina (Fall 1897: 237)

2274

Digitized Records: none

2275

Range: Also known from mainland (Brown 1972; Barr & Shepard, in press).

2276

Notes. Fall (1897) reported this species as *Dryops productus*.

2277

2278

### Elmidae

2279

- 2280 Notes. Fourteen genera and 24 species of Elmidae are known to occur in California (M  
2281 Gimmel, unpublished data). Shepard (1993) provided the most recent published checklist of  
2282 California Elmidae. Brown (1972), although outdated, remains the best identification guide for  
2283 North America.

2284

2285

#### *Ordobrevia* Sanderson, 1953

2286

Nomenclatural Authority: Shepard (1993)

2287

Notes. One species of *Ordobrevia* has been recorded from California (Shepard 1993).

2288

#### *Ordobrevia nubifera* (Fall, 1901)

2290 Nomenclatural Authority: Shepard (1993)  
 2291 Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)  
 2292 Digitized Records: none  
 2293 Range: Also known from mainland (Brown 1972).

2294

2295

### Heteroceridae

2296

2297 Notes. Three genera and 11 species of Heteroceridae are known to occur in California (M  
 2298 Gimmel, unpublished data). Shepard (1993) provided the most recent published checklist of  
 2299 California Heteroceridae. Pacheco (1964) monographed the species for the New World, though  
 2300 most of his genera were not recognized by King, Starr & Lago (2011).

2301

2302

#### *Heterocerus* Fabricius, 1792

2303

Nomenclatural Authority: Shepard (1993)

2304

Digitized Records (genus-only): San Clemente (11 SBMNH), San Nicolas (5 SBMNH),

2305

Santa Catalina (7 SBMNH), Santa Cruz (7 SBMNH), Santa Rosa (16 SBMNH)

2306

Notes. Eight species of *Heterocerus* have been recorded from California (Shepard 1993).

2307

2308 *Heterocerus mexicanus* Sharp, 1882

2309

Nomenclatural Authority: Shepard (1993); King, Starr & Lago (2011)

2310

Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)

2311

Digitized Records: Santa Cruz (3 SBMNH)

2312

Range: Also known from mainland (Brown 1972).

2313

Notes. This species has been known in the literature (Pacheco 1964; Shepard 1993) as

2314

*Dampfius mexicanus*. However, the genus *Dampfius* Pacheco, 1964 was synonymized

2315

with *Heterocerus* by King, Starr & Lago (2011).

2316

2317

### Limnichidae, NEW FAMILY RECORD

2318

2319 Notes. Six genera and 13 species of Limnichidae are known to occur in California  
 2320 (Shepard 1993). Shepard (1993) provided the most recent published checklist of California  
 2321 Limnichidae.

2322

2323

#### *Limnichites* Casey, 1889

2324

Nomenclatural Authority: Wooldridge (1977)

2325

Notes. Three species of *Limnichites* have been recorded from California (Shepard 1993).

2326

Wooldridge (1977) provided the most recent revision of this genus.

2327

2328

*Limnichites nebulosus* (LeConte, 1879)

2329

Nomenclatural Authority: Wooldridge (1977)

2330 Literature Records: none  
 2331 Digitized Records: Santa Cruz (5 SBMNH)  
 2332 Range: Also known from mainland (Wooldridge 1977).

2333

## 2334 ELATEROIDEA

2335

### 2336 Cantharidae

2337

2338 Notes. Four subfamilies, 13 genera, and 157 species of Cantharidae have been recorded  
 2339 from California (M Gimmel, unpublished data).

2340

### 2341 Cantharinae

2342

2343 Notes. Two tribes, seven genera, and 51 species of Cantharinae have been recorded from  
 2344 California (M Gimmel, unpublished data).

2345

### 2346 Cantharini

2347

2348 Notes. Five genera and 16 species of Cantharini have been recorded from California (M  
 2349 Gimmel, unpublished data).

2350

### 2351 *Cultellunguis* McKey-Fender, 1950

2352 Nomenclatural Authority: Ramsdale (2002)

2353 Digitized Records (genus-only): Santa Catalina (3 SBMNH), Santa Cruz (8 SBMNH)

2354 Notes. This genus contains nine species restricted to the Pacific coast of North America  
 2355 (Ramsdale 2002), all of which occur in California (McKey-Fender 1950).

2356

2357 *Cultellunguis americanus* (Pic, 1906)

2358 Nomenclatural Authority: McKey-Fender (1950); Ramsdale (2002)

2359 Literature Records: Santa Catalina (Fall 1897: 237)

2360 Digitized Records: none

2361 Range: Also known from mainland (McKey-Fender 1950).

2362 Notes. Listed as “*Telephorus notatus* Mann. var.” by Fall (1897). *Telephorus notatus*

2363 Mannerheim, 1843 is an unavailable homonym which was replaced by *C. americanus*

2364 (see McKey-Fender 1950).

2365

2366 *Cultellunguis hatchi* (McKey-Fender, 1950)

2367 Nomenclatural Authority: McKey-Fender (1950); Fender (1968); Ramsdale (2002)

2368 Literature Records: Santa Catalina (McKey-Fender 1950: 65; Fender 1968: 301; Miller

2369 1985a: 21), Santa Cruz (McKey-Fender 1950: 65; Naughton et al. 2014: 303)

2370 Digitized Records: Santa Cruz (13 SBMNH)  
 2371 Range: Also known from mainland (McKey-Fender 1950; Fender 1968).  
 2372 Notes. This species, as *Cantharis (Cultellunguis) hatchi* McKey-Fender, was originally  
 2373 recorded from both Santa Catalina and Santa Cruz by McKey-Fender (1950); however, a  
 2374 Santa Catalina subspecies, as *Cantharis (Cultellunguis) hatchi dorotheae* Fender, 1968,  
 2375 was later split off by Fender (1968). This subspecies, considered to be endemic to Santa  
 2376 Catalina, is now known as *Cultellunguis h. dorotheae* (Fender, 1968), while the nominate  
 2377 subspecies, *Cultellunguis h. hatchi* (McKey-Fender, 1950), occurs on Santa Cruz Island  
 2378 (Fender 1968; Miller 1985a). The latter subspecies also occurs on the mainland (Fender  
 2379 1968).

2380  
 2381 *Pacificanthia* Kazantsev, 2002

2382 Nomenclatural Authority: Kazantsev (2002)  
 2383 Notes. One species of the genus *Pacificanthia* occurs in California (Kazantsev 2002).  
 2384 Kazantsev (2002) provided a generic description and key to species for the genus.

2385

2386 *Pacificanthia consors* (LeConte, 1851)

2387 Nomenclatural Authority: Kazantsev (2002)  
 2388 Literature Records: Santa Cruz (Fall & Davis 1934: 144)  
 2389 Digitized Records: Santa Catalina (32 LACM; 3 SBMNH; 1 iNat), Santa Cruz (11  
 2390 LACM; 15 SBMNH; 8 UCSB), Santa Rosa (1 LACM)  
 2391 Range: Also known from mainland (Kazantsev 2002).  
 2392 Notes. Fall & Davis (1934) recorded this species as *Cantharis consors*.

2393

2394 Podabrini

2395

2396 Notes. The two California genera of tribe Podabrini, *Dichelotarsus* Motschulsky, 1860  
 2397 and *Podabrus* Westwood, 1838, while both valid, have not had their species properly assigned  
 2398 yet (Ramsdale 2002). A collective total of 35 species belonging to both genera is known to occur  
 2399 in California (M Gimmel, unpublished data).

2400

2401 *Podabrus pruinosus* LeConte, 1851

2402 Nomenclatural Authority: Fall (1927); Fender (1949)  
 2403 Literature Records: none  
 2404 Digitized Records: Santa Cruz (13 SBMNH)  
 2405 Range: Also known from mainland (Fall 1927).  
 2406 Notes. This species was included in Fender's (1949) "Group I", and therefore will  
 2407 probably stay in the genus *Podabrus* (see Ramsdale 2002). The subspecies occurring on  
 2408 the islands is *P. p. pruinosus* LeConte, 1851.

2409

2410 *Podabrus* undetermined species  
2411 Nomenclatural Authority: Fender (1948); Fender (1949)  
2412 Literature Records: none  
2413 Digitized Records: Santa Cruz (1 SBMNH)  
2414 Notes. This species keyed to Fender's (1949) "Group VIII", and therefore may end up in  
2415 the genus *Dichelotarsus* (see Ramsdale 2002). However, it did not fit any of the species  
2416 concepts in Fender's (1948) revision of that group (MLG, personal observation).

2417

2418 Malthininae

2419

2420 Notes. Two genera and 60 species of Malthininae are known to occur in California (M  
2421 Gimmel, unpublished data).

2422

2423 *Frostia* Fender, 1951

2424 Nomenclatural Authority: Fender (1951)

2425 Notes. Four species of *Frostia* have been recorded from California (Fender 1951). This  
2426 genus was described and revised by Fender (1951).

2427

2428 *Frostia laticollis* (LeConte, 1866)

2429 Nomenclatural Authority: Fender (1951)

2430 Literature Records: Santa Cruz (LeConte 1861: 351; Fall 1897: 237; Fall 1919: 35; Fall  
2431 & Davis 1934: 144; Naughton et al. 2014: 303)

2432 Digitized Records: Santa Cruz (20 SBMNH)

2433 Range: Also known from mainland (Fall 1919; Fender 1951).

2434 Notes. LeConte (1861) recorded this species as *Malthodes transversus* LeConte, 1861,  
2435 but the name was subsequently corrected to *Malthodes laticollis* by LeConte (1866b: 53).

2436 At that time the species was considered to be endemic to Santa Cruz Island. Fall (1897,

2437 1919) and Fall & Davis (1934) recorded this species as *Malthodes laticollis*. Fender

2438 (1951: 524) transferred this species to *Frostia*. Naughton et al. (2014) reported two

2439 specimens of the genus *Frostia* from Santa Cruz Island; one voucher (in SBMNH) was

2440 identified by MLG as *F. laticollis*.

2441

2442 Silinae

2443

2444 Notes. Three genera and 43 species of Silinae are known to occur in California (M  
2445 Gimmel, unpublished data).

2446

2447 *Silis* Charpentier, 1825

2448 Nomenclatural Authority: Ramsdale (2002)

2449 Digitized Records (genus-only): Santa Cruz (1 SBMNH)

2450 Notes. Forty species of *Silis* are known to occur in California (M Gimmel, unpublished  
2451 data). Green (1966) revised the species of *Silis* known from North America at the time. The  
2452 specimen the above record is based on is female, and therefore not identifiable to species (Green  
2453 1966). However, it is likely that it belongs to *S. carmelita*, cited below.

2454

2455 *Silis carmelita* Green, 1966

2456 Nomenclatural Authority: Green (1966)

2457 Literature Records: none

2458 Digitized Records: Santa Rosa (1 SBMNH)

2459 Range: Also known from mainland (Green 1966).

2460 Notes. The single specimen is a male, which was dissected for examination of the  
2461 genitalia for identification (MLG, personal observation).

2462

2463

### Elateridae

2464

2465 Notes. Eight subfamilies, 67 genera, and 362 species of Elateridae are known to occur in  
2466 California (M Gimmel, unpublished data).

2467

2468

### Agrypninae: Oophorini

2469

2470 Notes. Three tribes, nine genera, and 23 species of Agrypninae are known to occur in  
2471 California, of which four genera and 11 species belong to Oophorini (M Gimmel, unpublished  
2472 data).

2473

2474

### *Heteroderes* Latreille, 1834

2475 Nomenclatural Authority: Kundrata et al. (2019)

2476 Notes. Two species of *Heteroderes* are known from California (M Gimmel, unpublished  
2477 data).

2478

2479 *Heteroderes amplicollis* (Gyllenhal, 1808)

2480 Nomenclatural Authority: Stone (1975)

2481 Literature Records: none

2482 Digitized Records: Santa Rosa (1 LACM)

2483 Range: Also known from mainland (Stone 1975).

2484 Notes. This species is a destructive pest introduced from South America (Stone 1975). It  
2485 has often been included in *Conoderus* Eschscholtz, 1829 in the literature (including by  
2486 Stone 1975), but is now commonly treated as a *Heteroderes* and will soon be moved to a  
2487 new genus (P Johnson, 2021, pers. comm.).

2488

2489

### Cardiophorinae

2490

2491 Notes. Five genera and 52 species of Cardiophorinae are known to occur in California (M  
2492 Gimmel, unpublished data).

2493

2494 *Cardiophorus* Eschscholtz, 1829

2495 Nomenclatural Authority: Douglas (2003)

2496 Digitized Records (genus-only): Santa Cruz (1 SBMNH), Santa Rosa (5 SBMNH)

2497 Notes. One of the Santa Rosa Island specimens above was identified by Hume Douglas  
2498 during 2006 as “*Cardiophorus tenebrosus* group”. The other specimens from both islands are  
2499 similar in appearance and likely represent the same species, which may be conspecific with the  
2500 specimens identified as *C. tenebrosus* below. However, this is a highly diverse genus, with 28  
2501 described species of *Cardiophorus* recorded from California in the literature (M Gimmel,  
2502 unpublished data), even after the recent splitting off of *Paracardiophorus* Schwarz, 1895 by  
2503 Douglas (2017) (13 species recorded from California; M Gimmel, unpublished data).

2504

2505 *Cardiophorus tenebrosus* LeConte, 1853

2506 Nomenclatural Authority: Douglas (2003)

2507 Literature Records: none

2508 Digitized Records: Santa Cruz (2 SBMNH)

2509 Range: Also known from mainland (M Gimmel, unpublished data).

2510

2511 *Horistonotus* Candèze, 1860

2512 Nomenclatural Authority: Wells (2000)

2513 Notes. Five species of this genus have been recorded from California (M Gimmel,  
2514 unpublished data). Wells (2000) provided a key to all North American species.

2515

2516 *Horistonotus inanus* (LeConte, 1853)

2517 Nomenclatural Authority: Wells (2000)

2518 Literature Records: none

2519 Digitized Records: Santa Catalina (10 SBMNH), Santa Cruz (1 SBMNH)

2520 Range: Also known from mainland (Wells 2000).

2521 Notes. This is a dimorphic species with regard to dorsal color pattern, with some  
2522 specimens showing distinct light coloration at the base of the elytra. However, all  
2523 examined specimens from the Channel Islands are not or very weakly bicolored.

2524

2525 Dendrometrinae; Dendrometrini

2526

2527 Notes. Two tribes, 23 genera, and 138 species of Dendrometrinae have been recorded  
2528 from California, of which 8 genera and 62 species belong to Dendrometrini (M Gimmel,  
2529 unpublished data).

- 2530
- 2531 *Athous* Eschscholtz, 1829
- 2532 Nomenclatural Authority: Etzler (2020b)
- 2533 Notes. Seventeen species of *Athous* have been recorded from California (Becker 1979).
- 2534
- 2535 *Athous axillaris* Horn, 1871
- 2536 Nomenclatural Authority: Becker (1979)
- 2537 Literature Records: none
- 2538 Digitized Records: Santa Cruz (17 SBMNH), Santa Rosa (7 SBMNH)
- 2539 Range: Also known from mainland (Becker 1979).
- 2540
- 2541 *Athous nigropilis* Motschulsky, 1859
- 2542 Nomenclatural Authority: Becker (1979)
- 2543 Literature Records: none
- 2544 Digitized Records: Santa Catalina (3 LACM)
- 2545 Range: Also known from mainland (Becker 1979).
- 2546
- 2547 *Athous rufiventris* (Eschscholtz, 1822)
- 2548 Nomenclatural Authority: Becker (1979)
- 2549 Literature Records: none
- 2550 Digitized Records: Santa Catalina (3 SBMNH), Santa Cruz (3 SBMNH)
- 2551 Range: Also known from mainland (Becker 1979).
- 2552
- 2553 *Hemicrepidius* Germar, 1839
- 2554 Nomenclatural Authority: Etzler (2020b)
- 2555 Notes. Twelve species of *Hemicrepidius* have been recorded from California (Etzler
- 2556 2020b).
- 2557
- 2558 *Hemicrepidius californicus* Becker, 1979
- 2559 Nomenclatural Authority: Etzler (2020b)
- 2560 Literature Records: none
- 2561 Digitized Records: San Miguel (2 SBMNH), San Nicolas (4 LACM; 2 SBMNH)
- 2562 Range: Also known from mainland (Etzler 2020b).
- 2563
- 2564 *Hemicrepidius tumescens* (LeConte, 1861)
- 2565 Nomenclatural Authority: Etzler (2002b)
- 2566 Literature Records: Santa Cruz (LeConte 1861: 348; Fall 1897: 237; Fall 1901: 114; Van
- 2567 Dyke 1932: 444; Etzler 2020b: 86, 87)
- 2568 Range: Also known from mainland (Van Dyke 1932; Etzler 2020b).

2569 Notes. Recorded by LeConte (1861) and Fall (1897, 1901) as *Asaphes tumescens*. At the  
2570 time of LeConte (1861), this species was considered to be endemic to Santa Cruz Island.

2571

2572 *Limonius* Eschscholtz, 1829

2573 Nomenclatural Authority: Etzler (2019)

2574 Notes. Eleven species of *Limonius* are known to occur in California (M Gimmel,  
2575 unpublished data). While Al Dhafer (2009) revised the North American species of *Limonius*,  
2576 Etzler (2019) reclassified the world species to various genera.

2577

2578 *Limonius canus* LeConte, 1853

2579 Nomenclatural Authority: Al Dhafer (2009); Etzler (2019)

2580 Literature Records: none

2581 Digitized Records: San Clemente (1 LACM), Santa Cruz (1 SBMNH)

2582 Range: Also known from mainland (Al Dhafer 2009).

2583

2584 Elaterinae

2585

2586 Notes. Five tribes, 17 genera, and 127 species of Elaterinae are known to occur in  
2587 California (M Gimmel, unpublished data).

2588

2589 Agriotini

2590

2591 Notes. Four genera and 41 species of Agriotini are known to occur in California (M  
2592 Gimmel, unpublished data).

2593

2594 *Dalopius* Eschscholtz, 1829

2595 Nomenclatural Authority: Brown (1934)

2596 Digitized Records: Santa Catalina (1 LACM), Santa Cruz (1 LACM)

2597 Notes. Twenty-four species of *Dalopius* have been recorded from California (M Gimmel,  
2598 unpublished data). This genus was revised for North America in a multi-part paper by Brown  
2599 (1934).

2600

2601 *Dalopius luteolus* Brown, 1934

2602 Nomenclatural Authority: Brown (1934)

2603 Literature Records: none

2604 Digitized Records: Santa Cruz (2 LACM)

2605 Range: Also known from mainland (Brown 1934).

2606

2607 *Dalopius* undetermined species

2608 Literature Records: none

2609 Digitized Records: Santa Cruz (17 SBMNH), Santa Rosa (1 SBMNH)  
2610 Notes. The rather uniform specimens above (SBMNH) were examined and they do not  
2611 match the description of *D. luteolus*. One male was dissected and the median lobe does  
2612 not match any of the illustrated species in Brown (1934), though it is fairly close to that  
2613 of *Dalopius partitus* Brown, 1934. The species may be undescribed.

2614

2615 Ampedini

2616

2617 Notes. Four genera and 35 species of Ampedini are known to occur in California (M  
2618 Gimmel, unpublished data).

2619

2620 *Ampedus* Dejean, 1833

2621 Nomenclatural Authority: Ramberg (1979)

2622 Notes. Twenty-four species of *Ampedus* have been recorded from California (Ramberg  
2623 1979). Ramberg (1979) revised the species for North America. Unfortunately, most of the new  
2624 taxonomic acts in this thesis work have not been validly published.

2625

2626 *Ampedus longicornis* (LeConte, 1884)

2627 Nomenclatural Authority: Ramberg (1979)

2628 Literature Records: Santa Catalina (Ramberg 1979: 318)

2629 Digitized Records: Santa Catalina (2 LACM; 2 SBMNH)

2630 Range: Also known from mainland (Ramberg 1979).

2631

2632 *Ampedus rhodopus* (LeConte, 1884)

2633 Nomenclatural Authority: Ramberg (1979)

2634 Literature Records: none

2635 Digitized Records: Santa Rosa (3 SBMNH)

2636 Range: Also known from mainland (Ramberg 1979).

2637

2638 *Anchastus* LeConte, 1853

2639 Nomenclatural Authority: Johnson (2002)

2640 Notes. Six species of *Anchastus* are known to occur in California (M Gimmel,  
2641 unpublished data). Van Dyke (1932) provided a key to the North American species of *Anchastus*.

2642

2643 *Anchastus cinereipennis* (Eschscholtz, 1829)

2644 Nomenclatural Authority: Van Dyke (1932)

2645 Literature Records: San Nicolas (Miller & Miller 1985: 126), Santa Barbara (Miller &  
2646 Miller 1985: 126)

2647 Digitized Records: San Clemente (3 SBMNH), San Nicolas (6 SBMNH), Santa Catalina  
2648 (1 SBMNH), Santa Rosa (1 iNat)

2649 Range: Also known from mainland (M Gimmel, unpublished data).

2650

2651 *Melanotus* Eschscholtz, 1829

2652 Nomenclatural Authority: Johnson (2002)

2653 Notes. Four species of *Melanotus* have been recorded from California (Quate &  
2654 Thompson 1967). The genus was revised for North America by Quate & Thompson (1967).

2655

2656 *Melanotus longulus* (LeConte, 1853)

2657 Nomenclatural Authority: Quate & Thompson (1967)

2658 Literature Records: Santa Catalina (Fall 1897: 237; Fall 1901: 111; Quate & Thompson  
2659 1967: 61)

2660 Digitized Records: Santa Catalina (1 LACM; 12 SBMNH; 6 TAMU), Santa Cruz (10  
2661 SBMNH), Santa Rosa (2 SBMNH)

2662 Range: Also known from mainland (Quate & Thompson 1967).

2663 Notes. The nominate subspecies, *M. l. longulus* (LeConte, 1853), is the only subspecies  
2664 of *M. longulus* known from south of the Tehachapi Mountains in southern California  
2665 (Quate & Thompson 1967). This species was recorded as *Melanotus variolatus* LeConte,  
2666 1861 by Fall (1897, 1901), which was synonymized with *M. longulus* by Quate &  
2667 Thompson (1967).

2668

2669 *Aplastini*

2670

2671 Notes. Three genera and 28 species of *Aplastini* are known to occur in California (M  
2672 Gimmel, unpublished data).

2673

2674 *Euthysanius* LeConte, 1853

2675 Nomenclatural Authority: Johnson (2002)

2676 Notes. Seven species of *Euthysanius* are known to occur in California (Johnson 2002).  
2677 Van Dyke (1932) provided a key to the North American species of *Euthysanius*.

2678

2679 *Euthysanius lautus* LeConte, 1853

2680 Nomenclatural Authority: Van Dyke (1932)

2681 Literature Records: none

2682 Digitized Records: Santa Cruz (9 LACM), Santa Rosa (1 LACM; 1 SBMNH)

2683 Range: Also known from mainland (Van Dyke 1932).

2684

2685 *Octinodes* Candèze, 1863

2686 Nomenclatural Authority: Johnson (2002)

2687 Notes. Nine species of *Octinodes* are known to occur in California (Johnson 2002). Van  
2688 Dyke (1932) provided a key to separate some North American species of *Octinodes* (as  
2689 *Plastocerus* LeConte, 1853).

2690

2691 *Octinodes frater* (LeConte, 1859)

2692 Nomenclatural Authority: Van Dyke (1932)

2693 Literature Records: none

2694 Digitized Records: Santa Cruz (1 LACM; 1 SBMNH)

2695 Range: Also known from mainland (Van Dyke 1932).

2696

2697 Elaterini

2698

2699 Notes. Five genera and 12 species of Elaterini are known to occur in California (M  
2700 Gimmel, unpublished data).

2701

2702 *Elater* Linnaeus, 1758

2703 Nomenclatural Authority: Johnson (2002)

2704 Notes. Four species of *Elater* are known from California (M Gimmel, unpublished data).

2705 The genus was revised for North America by Roache (1961).

2706

2707 *Elater lecontei* (Horn, 1871)

2708 Nomenclatural Authority: Roache (1961)

2709 Literature Records: none

2710 Digitized Records: Santa Cruz (3 SBMNH)

2711 Range: Also known from mainland (Roache 1961).

2712

2713 Negastriinae

2714

2715 Notes. Five genera and 11 species of Negastriinae are known to occur in California (M  
2716 Gimmel, unpublished data).

2717

2718 *Paradonus* Stibick, 1971

2719 Nomenclatural Authority: Etzler (2020a)

2720 Notes. Three species of *Paradonus* have been recorded from California (Etzler 2020a).

2721

2722 *Paradonus inops* (LeConte, 1853)

2723 Nomenclatural Authority: Etzler (2020a)

2724 Literature Records: none

2725 Digitized Records: Santa Cruz (20 SBMNH)

2726 Range: Also known from mainland (Etzler 2020a).

2727

2728

Oxynopterinae

2729

2730

Notes. Only two genera and two species of Oxynopterinae are known to occur in California (M Gimmel, unpublished data).

2731

2732

2733

*Melanactes* LeConte, 1853

2734

Nomenclatural Authority: Mathieu (1961)

2735

2736

Notes. Only one species of the widespread genus *Melanactes* has been recorded from California (Mathieu 1961). The genus was revised by Mathieu (1961).

2737

2738

*Melanactes densus* LeConte, 1853

2739

Nomenclatural Authority: Mathieu (1961)

2740

Literature Records: none

2741

Digitized Records: Santa Catalina (2 USNM)

2742

Range: Also known from mainland (Mathieu 1961).

2743

2744

**Eucnemidae**

2745

2746

Notes. Six subfamilies, 14 genera, and 22 species of Eucnemidae have been recorded from California (Muona 2000; M Gimmel, unpublished data). The North American fauna was revised by Muona (2000).

2747

2748

2749

2750

Macraulacinae

2751

2752

Notes. Three genera and seven species of Macraulacinae have been recorded from California (Muona 2000).

2753

2754

2755

*Asiocnemis* Mamaev, 1976

2756

Nomenclatural Authority: Muona (2000).

2757

Notes. Five species of *Asiocnemis* have been reported from California (Muona 2000).

2758

2759

*Asiocnemis hospitalis* (Blanchard, 1904)

2760

Nomenclatural Authority: Muona (2000)

2761

Literature Records: Santa Rosa (Muona 2000: 81)

2762

Digitized Records: Santa Rosa (1 LACM)

2763

Range: Also known from mainland (Muona 2000).

2764

2765

**Lampyridae, NEW FAMILY RECORD**

2766

2767 Notes. Three subfamilies, nine genera, and 22 species of Lampyridae are known to occur  
2768 in California (M Gimmel, unpublished data).

2769

2770 Lampyrinae

2771

2772 Notes. Six genera and 16 species of Lampyrinae are known to occur in California (M  
2773 Gimmel, unpublished data).

2774

2775 *Pyropyga* Motschulsky, 1852

2776 Nomenclatural Authority: Green (1961)

2777 Notes. One species of *Pyropyga* has been recorded from California (Green 1961).

2778

2779 *Pyropyga nigricans* (Say, 1823)

2780 Nomenclatural Authority: Green (1961)

2781 Literature Records: none

2782 Digitized Records: Santa Cruz (1 UCSB), Santa Rosa (2 LACM)

2783 Range: Also known from mainland (Green 1961).

2784

2785 Pterotinae

2786

2787 Notes. One genus and two species of Pterotinae have been recorded from California  
2788 (Chemsak 1978).

2789

2790 *Pterotus* LeConte, 1859

2791 Nomenclatural Authority: Chemsak (1978)

2792 Notes. Two species of *Pterotus* are known, both of them occurring in California

2793 (Chemsak 1978).

2794

2795 *Pterotus obscuripennis* LeConte, 1859

2796 Nomenclatural Authority: Chemsak (1978)

2797 Literature Records: none

2798 Digitized Records: Santa Catalina (1 LACM; 3 SBMNH)

2799 Range: Also known from mainland (Chemsak 1978).

2800

2801 **Phengodidae, NEW FAMILY RECORD**

2802

2803 Notes. Two subfamilies, four genera, and seven species of Phengodidae are known to  
2804 occur in California (M Gimmel, unpublished data).

2805

2806 Phengodinae

2807

2808

*Zarhipis* LeConte, 1880

2809

Nomenclatural Authority: Linsdale (1964)

2810

Notes. Three species of *Zarhipis* have been recorded from California (Linsdale 1964).

2811

The genus was revised by Linsdale (1964).

2812

2813

*Zarhipis integripennis* (LeConte, 1874)

2814

Nomenclatural Authority: Linsdale (1964)

2815

Literature Records: none

2816

Digitized Records: Santa Catalina (1 LACM)

2817

Range: Also known from mainland (Linsdale 1964).

2818

2819

**Throscidae, NEW FAMILY RECORD**

2820

2821

Notes. Three genera and five species of Throscidae are known to occur in California (M

2822

Gimmel, unpublished data).

2823

2824

*Trixagus* Kugelann, 1794

2825

Nomenclatural Authority: Yensen (1975)

2826

Notes. Three species of *Trixagus* have been recorded from California (Yensen 1975).

2827

2828

*Trixagus sericeus* (LeConte, 1868)

2829

Nomenclatural Authority: Yensen (1975)

2830

Literature Records: none

2831

Digitized Records: Santa Cruz (2 SBMNH)

2832

Range: Also known from mainland (Yensen 1975).

2833

2834

**HISTEROIDEA**

2835

2836

**Histeridae**

2837

2838

Notes. Seven subfamilies, 39 genera, and 141 species of Histeridae are known to occur in

2839

California (M Gimmel, unpublished data). Although no histerid taxa below are recorded for

2840

Anacapa Island, LACM has undetermined material from that island.

2841

2842

Abraeinae

2843

2844

Notes. Three tribes, six genera, and 13 species of Abraeinae are known to occur in

2845

California (M Gimmel, unpublished data).

2846

2847 Abraeini

2848

2849 Notes. Two genera and five species of Abraeini are known to occur in California (M  
2850 Gimmel, unpublished data).

2851

2852 *Plegaderus* Erichson, 1834

2853 Nomenclatural Authority: Mazur (2011)

2854 Notes. Four species of *Plegaderus* are known to occur in California (M Gimmel,  
2855 unpublished data).

2856

2857 *Plegaderus* undetermined species

2858 Literature Records: none

2859 Digitized Records: Santa Cruz (2 SBMNH)

2860

2861 Acritini

2862

2863 Notes. Three genera and four species of Acritini are known to occur in California (M  
2864 Gimmel, unpublished data).

2865

2866 *Halacritus* Schmidt, 1893

2867 Nomenclatural Authority: Mazur (2011)

2868 Notes. One species of *Halacritus* has been recorded from California (Mazur 2011).

2869

2870 *Halacritus maritimus* (LeConte, 1851)

2871 Nomenclatural Authority: Mazur (2011)

2872 Literature Records: none

2873 Digitized Records: San Clemente (1 SBMNH), San Nicolas (2 SBMNH)

2874 Range: Also known from mainland.

2875

2876 Dendrophilinae

2877

2878 Notes. Four tribes, five genera, and 20 species of Dendrophilinae are known to occur in  
2879 California (M Gimmel, unpublished data).

2880

2881 Bacaniini

2882

2883 Notes. One genus and two species of Bacaniini have been recorded from California  
2884 (Mazur 2011).

2885

2886 *Bacanius* LeConte, 1853

2887 Nomenclatural Authority: Mazur (2011)  
2888 Notes. Two species of *Bacanius* have been recorded from California (Mazur 2011).  
2889  
2890 *Bacanius* undetermined species  
2891 Literature Records: Santa Catalina (Caterino & Chandler 2010: 191)  
2892 Digitized Records: Santa Catalina (1 SBMNH)  
2893 Notes. The male specimen (SBMNH) from Santa Catalina Island does not appear to  
2894 match either of the two species previously recorded for California, *Bacanius* (*Gomyister*)  
2895 *acuminatus* Casey, 1893 or *Bacanius* (*s.str.*) *globulinus* Casey, 1893. It may represent an  
2896 undescribed species.

2897  
2898 Paromalini

2899  
2900 Notes. Two genera and 12 species of Paromalini are known to occur in California (M  
2901 Gimmel, unpublished data).

2902  
2903 *Carcinops* Marseul, 1855  
2904 Nomenclatural Authority: Mazur (2011); Reese & Swanson (2017)  
2905 Notes. Ten species of *Carcinops* are known to occur in California (M Gimmel,  
2906 unpublished data). This genus was reported from Santa Barbara Island by Miller & Miller (1985:  
2907 123) from stems of *Coreopsis gigantea* (Kellogg) H.M. Hall (Asteraceae).

2908  
2909 *Carcinops opuntiae* (LeConte, 1851)  
2910 Nomenclatural Authority: Reese & Swanson (2017)  
2911 Literature Records: none  
2912 Digitized Records: Santa Catalina (1 SBMNH)  
2913 Range: Also known from mainland (Reese & Swanson 2017).

2914  
2915 Histerinae

2916  
2917 Notes. Four tribes, nine genera, and 30 species of Histerinae are known to occur in  
2918 California (M Gimmel, unpublished data).

2919  
2920 Histerini

2921  
2922 Notes. Five genera and 20 species of Histerini are known to occur in California (M  
2923 Gimmel, unpublished data).

2924  
2925 *Margarinotus* Marseul, 1854  
2926 Nomenclatural Authority: Mazur (2011)

2927 Notes. Eleven species of *Margarinotus* have been recorded from California (Caterino  
2928 2010), belonging to two subgenera, *Paralister* Bickhardt, 1917 and *Ptomister* Houlbert &  
2929 Monnot, 1922. The California species were revised by Caterino (2010).

2930

2931 *Margarinotus (Ptomister) sexstriatus* (LeConte, 1851)

2932 Nomenclatural Authority: Caterino (2010)

2933 Literature Records: Santa Cruz (Caterino 2010: 10), Santa Rosa (Caterino 2010: 10)

2934 Digitized Records: Santa Cruz (1 SBMNH)

2935 Range: Also known from mainland (Caterino 2010).

2936

2937 Hololeptini

2938

2939 Notes. Two genera and six species of Hololeptini have been recorded from California  
2940 (Mazur 2011).

2941

2942 *Hololepta* Paykull, 1811

2943 Nomenclatural Authority: Mazur (2011)

2944 Notes. Five species of *Hololepta* have been recorded from California (Mazur 2011) in  
2945 two subgenera, *Hololepta (s.str.)* and *Leionota* Marseul, 1853.

2946

2947 *Hololepta (Leionota) vicina* LeConte, 1851

2948 Nomenclatural Authority: Mazur (2011)

2949 Literature Records: Santa Catalina (Fall 1897: 237)

2950 Digitized Records: none

2951 Range: Also known from mainland (Fall 1901).

2952

2953 *Iliotona* Carnochan, 1917

2954 Nomenclatural Authority: Mazur (2011)

2955 Notes. One species of *Iliotona* has been recorded from California (Mazur 2011).

2956

2957 *Iliotona cacti* (LeConte, 1851)

2958 Nomenclatural Authority: Mazur (2011)

2959 Literature Records: none

2960 Digitized Records: San Miguel (1 SBMNH)

2961 Range: Also known from mainland (Fall 1901).

2962

2963 Saprininae

2964

2965 Notes. Eleven genera and 53 species of Saprininae are known to occur in California (M  
2966 Gimmel, unpublished data).

2967

2968

*Aphelosternus* Wenzel, 1962

2969

Nomenclatural Authority: Mazur (2011)

2970

Notes. Only one species is contained in the genus *Aphelosternus* (Mazur 2011).

2971

2972

*Aphelosternus interstitialis* (LeConte, 1851)

2973

Nomenclatural Authority: Mazur (2011)

2974

Literature Records: Santa Catalina (Fall 1897: 237; Fall 1901: 96)

2975

Digitized Records: none

2976

Range: Also known from mainland (Fall 1901).

2977

Notes. This species was recorded as *Saprinus interstitialis* by Fall (1897, 1901).

2978

2979

*Euspilotus* Lewis, 1907

2980

Nomenclatural Authority: Mazur (2011)

2981

Digitized Records (genus-only): Santa Catalina (2 SBMNH), Santa Rosa (1 SBMNH)

2982

Notes. Eleven species of *Euspilotus* are known to occur in California (M Gimmel, unpublished data), distributed among three subgenera, *Hesperosaprinus* Wenzel, 1962, *Neosaprinus* Bickhardt, 1909, and *Platysaprinus* Bickhardt, 1916.

2985

2986

*Euspilotus (Hesperosaprinus) scissus* (LeConte, 1851)

2987

Nomenclatural Authority: Mazur (2011)

2988

Literature Records: none

2989

Digitized Records: San Miguel (9 SBMNH), San Nicolas (8 SBMNH), Santa Cruz (5

2990

SBMNH), Santa Rosa (4 SBMNH)

2991

Range: Also known from mainland (Mazur 2011).

2992

2993

*Euspilotus (Hesperosaprinus)* species near *laridus* (LeConte, 1851)

2994

Nomenclatural Authority: Mazur (2011)

2995

Literature Records: Santa Catalina (Fall 1897: 237)

2996

Digitized Records: none

2997

Range: Unknown.

2998

Notes. This species was recorded as "*Saprinus* sp. near *laridus*" by Fall (1897).

2999

3000

*Geomysaprinus* Ross, 1940

3001

Nomenclatural Authority: Mazur (2011)

3002

Notes. Six species of *Geomysaprinus* have been recorded from California (Mazur 2011).

3003

All of these belong to the subgenus *Priscosaprinus* Wenzel, 1962 (Mazur 2011).

3004

3005

*Geomysaprinus* undetermined species

3006

Literature Records: none

- 3007 Digitized Records: Santa Catalina (1 SBMNH), Santa Rosa (1 SBMNH)  
3008  
3009 *Hypocaccus* Thomson, 1867  
3010 Nomenclatural Authority: Mazur (2011)  
3011 Notes. Seven species of *Hypocaccus* are known to occur in California (M Gimmel,  
3012 unpublished data), distributed among two subgenera, *Baeckmanniolus* Reichardt, 1926 and  
3013 *Hypocaccus* (*s.str.*).  
3014  
3015 *Hypocaccus* (*Baeckmanniolus*) *gaudens* (LeConte, 1851)  
3016 Nomenclatural Authority: Mazur (2011)  
3017 Literature Records: none  
3018 Digitized Records: San Miguel (4 SBMNH), San Nicolas (1 LACM; 1 SBMNH), Santa  
3019 Catalina (2 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (10 SBMNH)  
3020 Range: Also known from mainland (Mazur 2011).  
3021  
3022 *Hypocaccus* (*Baeckmanniolus*) *serrulatus* (LeConte, 1851)  
3023 Nomenclatural Authority: [none]  
3024 Literature Records: none  
3025 Digitized Records: Santa Catalina (1 SBMNH)  
3026 Range: Also known from mainland.  
3027 Notes. This name is missing from the catalog of Mazur (2011).  
3028  
3029 *Hypocaccus* (*Hypocaccus*) *bigemmeus* (LeConte, 1851)  
3030 Nomenclatural Authority: Mazur (2011)  
3031 Literature Records: none  
3032 Digitized Records: San Clemente (1 SBMNH), San Miguel (10 SBMNH), San Nicolas (7  
3033 SBMNH), Santa Cruz (8 SBMNH), Santa Rosa (4 SBMNH)  
3034 Range: Also known from mainland (Mazur 2011).  
3035  
3036 *Hypocaccus* (*Hypocaccus*) *lucidulus* (LeConte, 1851)  
3037 Nomenclatural Authority: Mazur (2011)  
3038 Literature Records: San Clemente (Caterino, Chatzimanolis & Richmond 2015: 278), San  
3039 Miguel (Caterino, Chatzimanolis & Richmond 2015: 278), San Nicolas (Cockerell 1940:  
3040 285; Caterino, Chatzimanolis & Richmond 2015: 278), Santa Cruz (Caterino,  
3041 Chatzimanolis & Richmond 2015: 278), Santa Rosa (Caterino, Chatzimanolis &  
3042 Richmond 2015: 278)  
3043 Digitized Records: San Clemente (11 SBMNH), San Miguel (19 SBMNH), San Nicolas  
3044 (12 SBMNH), Santa Cruz (21 SBMNH), Santa Rosa (13 SBMNH)  
3045 Range: Also known from mainland (Cockerell 1940; Mazur 2011).  
3046 Notes. Cockerell (1940) reported this species as *Saprinus lucidulus*.

3047

3048

*Neopachylopus* Reichardt, 1926

3049

Nomenclatural Authority: Mazur (2011)

3050

Notes. Two species of *Neopachylopus* have been recorded from California (Mazur 2011).

3051

3052 *Neopachylopus sulcifrons* (Mannerheim, 1843)

3053

Nomenclatural Authority: Mazur (2011)

3054

Literature Records: San Nicolas (Cockerell 1940: 285)

3055

Digitized Records: San Clemente (1 SBMNH), San Miguel (5 SBMNH), San Nicolas (1

3056

SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (14 SBMNH), Santa Rosa (2

3057

SBMNH)

3058

Range: Also known from mainland (Cockerell 1940; Mazur 2011).

3059

Notes. Cockerell (1940) reported this species as *Saprinus sulcifrons*.

3060

3061

*Saprinus* Erichson, 1834

3062

Nomenclatural Authority: Mazur (2011)

3063

Digitized Records (genus-only): Santa Rosa (2 LACM)

3064

Notes. Four species of *Saprinus* have been recorded from California, all of them

3065

belonging to the nominate subgenus (M Gimmel, unpublished data).

3066

3067 *Saprinus (Saprinus) lugens* Erichson, 1834

3068

Nomenclatural Authority: Mazur (2011)

3069

Literature Records: San Clemente (Fall 1897: 237; Miller &amp; Miller 1985: 123), San

3070

Nicolas (Fall 1897: 237; Miller &amp; Miller 1985: 123), Santa Barbara (Fall 1897: 237;

3071

Miller &amp; Miller 1985: 123), Santa Cruz (Fall &amp; Davis 1934: 144; Miller &amp; Miller 1985:

3072

123), Santa Rosa (Fall 1897: 237; Miller &amp; Miller 1985: 123)

3073

Digitized Records: San Miguel (4 SBMNH), San Nicolas (1 SBMNH), Santa Barbara (1

3074

SBMNH), Santa Catalina (3 SBMNH; 1 TAMU), Santa Cruz (7 SBMNH), Santa Rosa

3075

(26 SBMNH)

3076

Range: Also known from mainland (Mazur 2011).

3077

3078 *Saprinus (Saprinus) oregonensis* LeConte, 1844

3079

Nomenclatural Authority: Mazur (2011)

3080

Literature Records: Santa Cruz (Fall &amp; Davis 1934: 144)

3081

Digitized Records: none

3082

Range: Also known from mainland (Mazur 2011).

3083

3084

*Xerosaprinus* Wenzel, 1962

3085

Nomenclatural Authority: Mazur (2011)

3086

Digitized Records (genus-only): Santa Rosa (2 LACM)

3087 Notes. Thirteen species of *Xerosaprinus* are known from California (M Gimmel,  
3088 unpublished data), belonging to two subgenera, *Vastosaprinus* Wenzel, 1962 and *Xerosaprinus*  
3089 (*s.str.*).

3090

3091 *Xerosaprinus (Xerosaprinus) fimbriatus* (LeConte, 1851)

3092 Nomenclatural Authority: Mazur (2011)

3093 Literature Records: Santa Catalina (Fall 1897: 237)

3094 Digitized Records: none

3095 Range: Also known from mainland.

3096 Notes. This species was recorded as *Saprinus fimbriatus* by Fall (1897).

3097

3098 *Xerosaprinus (Xerosaprinus) lubricus* (LeConte, 1851)

3099 Nomenclatural Authority: Mazur (2011)

3100 Literature Records: San Clemente (Fall 1897: 237), Santa Catalina (Fall 1897: 237),

3101 Santa Cruz (Fall & Davis 1934: 144), Santa Rosa (Fall 1897: 237)

3102 Digitized Records: Santa Catalina (3 SBMNH), Santa Cruz (5 SBMNH; 3 UCSB), Santa  
3103 Rosa (13 SBMNH)

3104 Range: Also known from mainland (Mazur 2011).

3105 Notes. This species was recorded as *Saprinus lubricus* by Fall (1897) and Fall & Davis  
3106 (1934).

3107

3108 *Xerosaprinus (Xerosaprinus) vitiosus* (LeConte, 1851)

3109 Nomenclatural Authority: Mazur (2011)

3110 Literature Records: Santa Catalina (Seavey 1892: 262; Fall 1897: 237)

3111 Digitized Records: none

3112 Range: Also known from mainland (Mazur 2011).

3113 Notes. This species was recorded as *Saprinus vitiosus* by Seavey (1892) and Fall (1897).

3114

3115

## HYDROPHILOIDEA

3116

3117

### Helophoridae, NEW FAMILY RECORD

3118

3119 Notes. The family Helophoridae contains a single genus, *Helophorus*. The species (as  
3120 Hydrophilidae subfamily Helophorinae) were revised for North America by Smetana (1985).

3121

3122 *Helophorus* Fabricius, 1775

3123 Nomenclatural Authority: Hansen (1999)

3124 Notes. Nineteen species of *Helophorus* have been recorded from California, all of them  
3125 belonging to the subgenus *Rhopalohelophorus* Kuwert, 1886 (Hansen 1999).

3126

3127 *Helophorus (Rhopalohelophorus) linearis* LeConte, 1855  
3128 Nomenclatural Authority: Smetana (1985)  
3129 Literature Records: none  
3130 Digitized Records: San Clemente (15 SBMNH)  
3131 Range: Also known from mainland (Smetana 1985).

3132

### 3133 **Hydrophilidae**

3134

3135 Notes. Five subfamilies, 21 genera, and 117 species of Hydrophilidae are known to occur  
3136 in California (Hansen 1999; M Gimmel, unpublished data).

3137

### 3138 Acidocerinae

3139

3140 Notes. One species of Acidocerinae has been recorded from California (Hansen 1999).

3141

### 3142 *Helochares* Mulsant, 1844

3143 Nomenclatural Authority: Hansen (1999)

3144 Notes. One species of *Helochares* has been recorded from California (Hansen 1999),  
3145 belonging to the subgenus *Hydrobaticus* MacLeay, 1871.

3146

### 3147 *Helochares (Hydrobaticus) normatus* (LeConte, 1861)

3148 Nomenclatural Authority: Hansen (1999); Short & Girón (2018)

3149 Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)

3150 Digitized Records: Santa Cruz (16 SBMNH), Santa Rosa (12 SBMNH)

3151 Range: Also known from mainland (Hansen 1999; Short & Girón 2018).

3152

### 3153 Chaetarthriinae

3154

3155 Notes. Two tribes, three genera, and 20 species of Chaetarthriinae are known to occur in  
3156 California (Hansen 1999; M Gimmel, unpublished data).

3157

### 3158 **Anacaenini**

3159

3160 Notes. Two genera and nine species of Anacaenini are known to occur in California  
3161 (Hansen 1999; M Gimmel, unpublished data).

3162

### 3163 *Anacaena* Thomson, 1859

3164 Nomenclatural Authority: Hansen (1999)

3165 Notes. Three species of *Anacaena* are known from California (M Gimmel, unpublished  
3166 data).

3167

3168 *Anacaena signaticollis* (Fall, 1924)

3169 Nomenclatural Authority: Hansen (1999)

3170 Literature Records: Santa Cruz (Furlong &amp; Wenner 2002: 250)

3171 Digitized Records: San Miguel (3 SBMNH), Santa Cruz (50 SBMNH), Santa Rosa (3

3172 SBMNH)

3173 Range: Also known from mainland (Hansen 1999).

3174

3175

## Chaetarthriini

3176

3177 Notes. One genus and 11 species of Chaetarthriini have been recorded from California

3178 (Hansen 1999).

3179

3180

*Chaetarthria* Stephens, 1835

3181 Nomenclatural Authority: Hansen (1999)

3182 Digitized Records (genus-only): Santa Cruz (37 SBMNH), Santa Rosa (1 SBMNH)

3183 Notes. Eleven species of *Chaetarthria* have been recorded from California (Hansen

3184 1999). The species of this genus were revised for the New World by Miller (1974).

3185

3186 *Chaetarthria hespera* Miller, 1974

3187 Nomenclatural Authority: Miller (1974); Hansen (1999)

3188 Literature Records: Santa Catalina (Fall 1897: 236; Miller 1974: 43)

3189 Digitized Records: Santa Catalina (17 SBMNH), Santa Cruz (2 SBMNH)

3190 Range: Also known from mainland (Miller 1974; Hansen 1999).

3191 Notes. Based on material examined in Miller (1974) (who accidentally indicated Santa

3192 Catalina as being in Orange Co.), Fall's (1897) record of *C. nigrella* apparently refers to

3193 this species.

3194

3195 *Chaetarthria nigrella* (LeConte, 1861)

3196 Nomenclatural Authority: Miller (1974); Hansen (1999)

3197 Literature Records: none

3198 Digitized Records: Santa Cruz (4 SBMNH), Santa Rosa (5 SBMNH)

3199 Range: Also known from mainland (Miller 1974; Hansen 1999).

3200 Notes. Fall's (1897) island record of *C. nigrella* refers to *C. hespera* (see that species).

3201

3202 *Chaetarthria punctulata* Sharp, 1882

3203 Nomenclatural Authority: Miller (1974); Hansen (1999)

3204 Literature Records: none

3205 Digitized Records: Santa Cruz (2 SBMNH)

3206 Range: Also known from mainland (Miller 1974; Hansen 1999).

3207

3208 *Chaetarthria pusilla* Sharp, 1882

3209 Nomenclatural Authority: Miller (1974); Hansen (1999)

3210 Literature Records: none

3211 Digitized Records: Santa Cruz (12 SBMNH)

3212 Range: Also known from mainland (Miller 1974; Hansen 1999).

3213

3214 Enochrinae

3215

3216 Notes. Two genera and 21 species of Enochrinae have been recorded from California

3217 (Hansen 1999; M Gimmel, unpublished data).

3218

3219 *Cymbiodyta* Bedel, 1881

3220 Nomenclatural Authority: Hansen (1999)

3221 Notes. Nine species of *Cymbiodyta* have been recorded from California (Hansen 1999).

3222 The genus was revised by Smetana (1974).

3223

3224 *Cymbiodyta columbiana* Leech, 1948

3225 Nomenclatural Authority: Smetana (1974); Hansen (1999)

3226 Literature Records: none

3227 Digitized Records: Santa Cruz (5 SBMNH)

3228 Range: Also known from mainland (Smetana 1974; Hansen 1999).

3229 Notes. This species is morphologically extremely similar to *C. dorsalis* (see Smetana

3230 1974: 44). Consequently, Channel Island records of these two species should be

3231 interpreted with caution.

3232

3233 *Cymbiodyta dorsalis* (Motschulsky, 1859)

3234 Nomenclatural Authority: Smetana (1974); Hansen (1999)

3235 Literature Records: San Miguel (Smetana 1974: 38 [map]), Santa Catalina (Fall 1897:

3236 236; Smetana 1974: 38 [map]), Santa Cruz (Winters 1927: 27; Leech 1948: 449; Smetana

3237 1974: 38 [map]), Santa Rosa (Fall 1897: 236)

3238 Digitized Records: San Miguel (22 SBMNH), San Nicolas (8 SBMNH), Santa Catalina

3239 (8 SBMNH), Santa Cruz (13 SBMNH), Santa Rosa (37 SBMNH)

3240 Range: Also known from mainland (Winters 1927; Leech 1948; Smetana 1974; Hansen

3241 1999).

3242 Notes. See note under *C. columbiana* above.

3243

3244 *Cymbiodyta punctatostriata* (Horn, 1873)

3245 Nomenclatural Authority: Smetana (1974); Hansen (1999)

3246 Literature Records: Santa Cruz (Smetana 1974: 24)

- 3247 Digitized Records: Santa Cruz (10 SBMNH)  
3248 Range: Also known from mainland (Smetana 1974; Hansen 1999).  
3249  
3250 *Enochrus* Thomson, 1859  
3251 Nomenclatural Authority: Hansen (1999)  
3252 Notes. Twelve species of *Enochrus* are known from California (M Gimmel, unpublished  
3253 data); these belong to three subgenera, *Enochrus* (*s.str.*), *Lumetus* Zaitzev, 1908, and *Methydrus*  
3254 Rey, 1885. The genus was revised for North America by Gundersen (1978).  
3255  
3256 *Enochrus* (*Enochrus*) *carinatus* (LeConte, 1855)  
3257 Nomenclatural Authority: Gundersen (1978); Hansen (1999)  
3258 Literature Records: San Miguel (Cockerell 1940: 285)  
3259 Digitized Records: Santa Cruz (1 SBMNH)  
3260 Range: Also known from mainland (Gundersen 1978).  
3261 Notes. The nominate subspecies, *E. c. carinatus* (LeConte, 1855), is the only subspecies  
3262 occurring in California (Gundersen 1978).  
3263  
3264 *Enochrus* (*Enochrus*) *piceus* Miller, 1964  
3265 Nomenclatural Authority: Gundersen (1978); Hansen (1999)  
3266 Literature Records: none  
3267 Digitized Records: San Nicolas (1 SBMNH), Santa Catalina (5 SBMNH), Santa Cruz (21  
3268 SBMNH), Santa Rosa (3 SBMNH)  
3269 Range: Also known from mainland (Gundersen 1978; Hansen 1999).  
3270 Notes. The nominate subspecies, *E. p. piceus* Miller, 1964, is the only subspecies  
3271 occurring in California (Gundersen 1978).  
3272  
3273 *Enochrus* (*Lumetus*) *hamiltoni* (Horn, 1890)  
3274 Nomenclatural Authority: Gundersen (1978); Hansen (1999)  
3275 Literature Records: none  
3276 Digitized Records: San Miguel (5 SBMNH)  
3277 Range: Also known from mainland (Gundersen 1978; Hansen 1999).  
3278  
3279 *Enochrus* (*Methydrus*) *cristatus* (LeConte, 1855)  
3280 Nomenclatural Authority: Gundersen (1978); Hansen (1999)  
3281 Literature Records: none  
3282 Digitized Records: Santa Cruz (5 SBMNH)  
3283 Range: Also known from mainland (Gundersen 1978; Hansen 1999).  
3284  
3285 *Enochrus* (*Methydrus*) *pygmaeus* (Fabricius, 1792)  
3286 Nomenclatural Authority: Gundersen (1978); Hansen (1999)

3287 Literature Records: none  
3288 Digitized Records: Santa Catalina (8 SBMNH)  
3289 Range: Also known from mainland (Gundersen 1978; Hansen 1999).  
3290 Notes. *Enochrus p. pectoralis* (LeConte, 1855) is the subspecies occurring in coastal  
3291 California (Gundersen 1978).

3292

3293 Hydrophilinae

3294

3295 Notes. Four tribes, eight genera, and 47 species of Hydrophilinae are known to occur in  
3296 California (Hansen 1999; M Gimmel, unpublished data).

3297

3298 Berosini

3299

3300 Notes. One genus and 11 species of Berosini are known to occur in California (Van  
3301 Tassell 1966; Hansen 1999).

3302

3303 *Berosus* Leach, 1817

3304 Nomenclatural Authority: Hansen (1999)

3305 Notes. Eleven species of *Berosus* in two subgenera, *Berosus (s.str.)* and *Enoplurus* Hope,  
3306 1838, are known to occur in California (M Gimmel, unpublished data). The species were revised  
3307 for North America by Van Tassell (1966).

3308

3309 *Berosus (Berosus) fraternus* LeConte, 1855

3310 Nomenclatural Authority: Van Tassell (1966); Hansen (1999)

3311 Literature Records: Santa Catalina (Van Tassell 1966: 223 [map])

3312 Digitized Records: none

3313 Range: Also known from mainland (Van Tassell 1966; Hansen 1999).

3314

3315 *Berosus (Berosus) hatchi* Miller, 1965

3316 Nomenclatural Authority: Van Tassell (1966); Hansen (1999)

3317 Literature Records: Santa Catalina (Van Tassell 1966: 214)

3318 Digitized Records: none

3319 Range: Also known from mainland (Van Tassell 1966; Hansen 1999).

3320

3321 *Berosus (Berosus) infuscatus* LeConte, 1855

3322 Nomenclatural Authority: Van Tassell (1966); Hansen (1999)

3323 Literature Records: none

3324 Digitized Records: San Clemente (1 SBMNH)

3325 Range: Also known from mainland (Van Tassell 1966; Hansen 1999).

3326

- 3327 *Berosus (Enoplurus) punctatissimus* LeConte, 1852  
3328 Nomenclatural Authority: Van Tassell (1966); Hansen (1999)  
3329 Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)  
3330 Digitized Records: Santa Catalina (10 SBMNH), Santa Cruz (11 SBMNH), Santa Rosa (3  
3331 SBMNH)  
3332 Range: Also known from mainland (Van Tassell 1966; Hansen 1999).  
3333  
3334 Hydrobiusini  
3335  
3336 Notes. Two genera and three species of Hydrobiusini have been recorded from California  
3337 (Hansen 1999).  
3338  
3339 *Hydrobius* Leach, 1815  
3340 Nomenclatural Authority: Hansen (1999)  
3341 Digitized Records (genus-only): Santa Cruz (1 UCSB)  
3342 Notes. Only one species of *Hydrobius* is known to occur in California (Hansen 1999).  
3343  
3344 *Hydrobius fuscipes* (Linnaeus, 1758)  
3345 Nomenclatural Authority: Hansen (1999)  
3346 Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)  
3347 Digitized Records: none  
3348 Range: Also known from mainland (Hansen 1999).  
3349  
3350 Hydrophilini  
3351  
3352 Notes. Three genera and 12 species of Hydrophilini are known to occur in California (M  
3353 Gimmel, unpublished data).  
3354  
3355 *Hydrochara* Berthold, 1827  
3356 Nomenclatural Authority: Hansen (1999)  
3357 Notes. Two species of *Hydrochara* have been recorded from California (Hansen 1999).  
3358 The genus was revised by Smetana (1980).  
3359  
3360 *Hydrochara lineata* (LeConte, 1855)  
3361 Nomenclatural Authority: Smetana (1980); Hansen (1999)  
3362 Literature Records: Santa Cruz (LeConte 1876: 298; Fall 1897: 236; Fall 1901: 56; Fall  
3363 & Davis 1934: 144; Smetana 1980: 67), Santa Rosa (Fall 1897: 236; Fall 1901: 56;  
3364 Smetana 1980: 67)  
3365 Digitized Records: Santa Cruz (16 LACM; 9 SBMNH; 2 UCSB)  
3366 Range: Also known from mainland (Fall 1901; Smetana 1980; Hansen 1999).

3367 Notes. This species was recorded as *Hydrocharis glaucus* LeConte by LeConte (1876)  
3368 and Fall (1897, 1901); this name is now a junior synonym of *H. lineata* (see Smetana  
3369 1980). Fall & Davis (1934) recorded this species as *Hydrophilus lineatus* (LeConte). The  
3370 dot on Smetana's (1980: 23) "Map 3" in the Pacific Ocean south of San Clemente Island  
3371 is in error (Miller & Menke 1981: 68).

3372

3373 *Hydrophilus* Geoffroy, 1762

3374 Nomenclatural Authority: Hansen (1999)

3375 Notes. Two species of *Hydrophilus*, both belonging to the nominate subgenus, have been  
3376 recorded from California (Short & McIntosh 2014). The North American species were reviewed  
3377 by Short & McIntosh (2014).

3378

3379 *Hydrophilus (Hydrophilus) triangularis* Say, 1823

3380 Nomenclatural Authority: Hansen (1999); Short & McIntosh (2014)

3381 Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)

3382 Digitized Records: San Clemente (1 iNat), Santa Cruz (1 SBMNH)

3383 Range: Also known from mainland (Short & McIntosh 2014).

3384

3385 *Tropisternus* Solier, 1834

3386 Nomenclatural Authority: Hansen (1999)

3387 Digitized Records (genus-only): Santa Cruz (3 UCSB)

3388 Notes. Eight species of *Tropisternus* are known to occur in California, all belonging to  
3389 the nominate subgenus (M Gimmel, unpublished data).

3390

3391 *Tropisternus (Tropisternus) affinis* Motschulsky, 1859

3392 Nomenclatural Authority: Hansen (1999)

3393 Literature Records: Santa Catalina (Fall 1897: 236)

3394 Digitized Records: Santa Catalina (8 SBMNH; 66 LACM), Santa Cruz (40 SBMNH; 12  
3395 LACM; 6 UCSB), Santa Rosa (18 SBMNH; 42 LACM)

3396 Range: Also known from mainland (Hansen 1999).

3397 Notes. This species has been reported as *Tropisternus ellipticus* (LeConte, 1855) by most  
3398 prior workers, including Fall (1897). However, that name is a junior primary homonym  
3399 and is permanently invalid (Hansen 1999).

3400

3401 *Tropisternus (Tropisternus) californicus* (LeConte, 1855)

3402 Nomenclatural Authority: Hansen (1999)

3403 Literature Records: Santa Catalina (Seavey 1892: 262; Fall 1897: 236), Santa Cruz  
3404 (LeConte 1876: 298; Fall 1897: 236; Fall & Davis 1934: 144)

3405 Digitized Records: none

3406 Range: Also known from mainland (Hansen 1999).

3407

3408

## Laccobiini

3409

3410 Notes. Two genera and 21 species of Laccobiini are known to occur in California

3411 (Hansen 1999; M Gimmel, unpublished data).

3412

3413

*Laccobius* Erichson, 1837

3414 Nomenclatural Authority: Hansen (1999)

3415 Notes. The species of *Laccobius* were revised for the United States in two publications by

3416 Gentili (1986a, b). Fifteen species of the genus have been recorded from California (M Gimmel,

3417 unpublished data).

3418

3419 *Laccobius (Hydroxenus) californicus* Orchymont, 1942

3420 Nomenclatural Authority: Hansen (1999)

3421 Literature Records: Santa Cruz (Gentili 1986b: 47)

3422 Digitized Records: Santa Cruz (4 SBMNH)

3423 Range: Also known from mainland (Gentili 1986b).

3424

3425 *Laccobius (Hydroxenus) ellipticus* LeConte, 1855

3426 Nomenclatural Authority: Hansen (1999)

3427 Literature Records: Santa Catalina (Fall 1897: 236), Santa Cruz (Winters 1926: 50;

3428 Gentili 1986b: 49), Santa Rosa (Fall 1897: 236)

3429 Digitized Records: Santa Catalina (4 SBMNH), Santa Cruz (14 SBMNH), Santa Rosa (4

3430 SBMNH)

3431 Range: Also known from mainland (Gentili 1986b).

3432 Notes. Fall (1897) mistakenly recorded this species as "*Laccophilus ellipticus*".

3433

3434 *Laccobius (Microlaccobius) insolitus* Orchymont, 1942

3435 Nomenclatural Authority: Hansen (1999)

3436 Literature Records:none

3437 Digitized Records: San Nicolas (4 SBMNH), Santa Rosa (7 SBMNH)

3438 Range: Also known from mainland (Gentili 1986b).

3439

3440

Sphaeridiinae

3441

3442 Notes. Three tribes, seven genera, and 28 species of Sphaeridiinae are known to occur in

3443 California (M Gimmel, unpublished data).

3444

3445

## Megasternini

3446

3447 Notes. Five genera and 23 species of Megasternini are known to occur in California (M  
3448 Gimmel, unpublished data).

3449

3450 *Agna* Smetana, 1978

3451 Nomenclatural Authority: Hansen (1999)

3452 Notes. One species of *Agna* has been recorded from California (Hansen 1999). The  
3453 species were reviewed by Smetana (1978) and Arriaga-Varela, Cortés-Aguilar & Fikáček (2019).

3454

3455 *Agna capillata* (LeConte, 1855)

3456 Nomenclatural Authority: Smetana (1978); Hansen (1999)

3457 Literature Records: none

3458 Digitized Records: Santa Catalina (1 SBMNH)

3459 Range: Also known from mainland (Smetana 1978; Arriaga-Varela, Cortés-Aguilar &  
3460 Fikáček 2019).

3461 Notes. This species apparently develops exclusively in rotting cacti and other succulents  
3462 (Arriaga-Varela, Cortés-Aguilar & Fikáček 2019).

3463

3464 *Cercyon* Leach, 1817

3465 Nomenclatural Authority: Smetana (1978); Hansen (1999)

3466 Digitized Records (genus-only): San Miguel (223 LACM), San Nicolas (53 LACM)

3467 Notes. Eighteen species of *Cercyon* are known to occur in California, belonging to three  
3468 subgenera, *Cercyon* (*s.str.*), *Paracercyon* Seidlitz, 1888, and *Prostercyon* Smetana, 1978 (M  
3469 Gimmel, unpublished data). Smetana (1978) revised the North American species, and Suzumura,  
3470 Kobayashi & Ôhara (2019) provided an update to certain western coastal species. “*Cercyon* sp.  
3471 larvae” were reported from Santa Catalina Island by Straughan & Hadley (1980: 392).

3472

3473 *Cercyon* (*Cercyon*) *fimbriatus* Mannerheim, 1852

3474 Nomenclatural Authority: Smetana (1978); Hansen (1999); Suzumura, Kobayashi &  
3475 Ôhara (2019)

3476 Literature Records: San Miguel (Smetana 1978: 145 [map]), Santa Catalina (Smetana  
3477 1978: 145 [map])

3478 Digitized Records: San Clemente (5 SBMNH), San Miguel (19 SBMNH), San Nicolas (2  
3479 SBMNH), Santa Catalina (7 SBMNH), Santa Cruz (33 SBMNH), Santa Rosa (8  
3480 SBMNH)

3481 Range: Also known from mainland (Smetana 1978; Hansen 1999; Suzumura, Kobayashi  
3482 & Ôhara 2019).

3483

3484 *Cercyon* (*Cercyon*) *haemorrhoidalis* (Fabricius, 1775)

3485 Nomenclatural Authority: Smetana (1978); Hansen (1999)

3486 Literature Records: Santa Barbara (Miller & Miller 1985: 123)

- 3487 Digitized Records: Santa Rosa (4 SBMNH)  
 3488 Range: Also known from mainland (Smetana 1978; Hansen 1999).  
 3489 Notes. Introduced to North America from the Palearctic realm (Smetana 1978).  
 3490 Misspelled by Miller & Miller (1985) as “*Cercyon haemorrhoides*”.
- 3491  
 3492 *Cercyon (Cercyon) luniger* Mannerheim, 1853  
 3493 Nomenclatural Authority: Suzumura, Kobayashi & Ôhara (2019)  
 3494 Literature Records: San Miguel (Straughan & Hadley 1980: 392), Santa Catalina (Fall  
 3495 1897: 236; Fall 1901: 58; Blackwelder 1931: 24; Leech 1948: 458; Smetana 1978: 149),  
 3496 Santa Cruz (Smetana 1978: 149)  
 3497 Digitized Records: San Clemente (3 SBMNH), Santa Cruz (8 SBMNH)  
 3498 Range: Also known from mainland (Suzumura, Kobayashi & Ôhara 2019).  
 3499 Notes. This species was originally referred to as *C. luniger* by Fall (1897, 1901),  
 3500 Blackwelder (1931), Leech (1948), and Straughan & Hadley (1980). Smetana (1978) did  
 3501 not report his concept of *C. luniger* from the islands, but included Fall and CASC island  
 3502 material among the paratypes of his *Cercyon spathifer* Smetana, 1978. However,  
 3503 Suzumura et al. (2019) synonymized *C. spathifer* with *C. luniger*; what was previously  
 3504 considered *C. luniger* was given a new name. The distribution map in Suzumura et al.  
 3505 (2019: 480) also shows a Channel Island record for *C. luniger*, presumably from an  
 3506 earlier instance of the California Beetle Project pages, but the resolution does not allow  
 3507 identification of the island.
- 3508  
 3509 *Cercyon (Cercyon) quisquilius* (Linnaeus, 1761)  
 3510 Nomenclatural Authority: Smetana (1978); Hansen (1999)  
 3511 Literature Records: none  
 3512 Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (1 SBMNH)  
 3513 Range: Also known from mainland (Smetana 1978; Hansen 1999).  
 3514 Notes. Introduced to North America from the Palearctic realm (Smetana 1978).
- 3515  
 3516 Sphaeridiini  
 3517  
 3518 Notes. One genus and three species of Sphaeridiini are known to occur in California (M  
 3519 Gimmel, unpublished data).
- 3520  
 3521 *Sphaeridium* Fabricius, 1775  
 3522 Nomenclatural Authority: Hansen (1999)  
 3523 Notes. Three introduced species of *Sphaeridium* are known to occur in California (M  
 3524 Gimmel, unpublished data). These species were treated by Smetana (1978).
- 3525  
 3526 *Sphaeridium scarabaeoides* (Linnaeus, 1758)

3527 Nomenclatural Authority: Smetana (1978); Hansen (1999)  
3528 Literature Records: none  
3529 Digitized Records: Santa Catalina (2 LACM), Santa Cruz (4 SBMNH), Santa Rosa (44  
3530 LACM; 3 SBMNH)  
3531 Range: Also known from mainland (Smetana 1978; Hansen 1999).  
3532 Notes. Introduced to North America from the Palearctic realm (Smetana 1978)

## 3533 SCARABAEOIDEA

### 3534 Geotrupidae

3535  
3536  
3537  
3538 Notes. Two subfamilies, five genera, and seven species of Geotrupidae have been  
3539 recorded from California (Howden 1984; M Gimmel, unpublished data).

### 3540 Bolboceratinae

3541  
3542  
3543 Notes. Four genera and six species of Bolboceratinae have been recorded from California  
3544 (Howden 1984; M Gimmel, unpublished data).

#### 3545 *Bolbocerastes* Cartwright, 1953

3546 Nomenclatural Authority: Smith (2009)  
3547 Notes. Two species of *Bolbocerastes* are known from California (Howden 1984). The  
3548 species of the genus were treated by Cartwright (1953).  
3549

#### 3550 *Bolbocerastes regalis* Cartwright, 1953

3551 Nomenclatural Authority: Cartwright (1953); Howden (1984)  
3552 Literature Records: San Clemente (von Bloeker 1939b: 153; Cartwright 1953: 108)  
3553 Digitized Records: none  
3554 Range: Also known from mainland (Cartwright 1953; Howden 1984).  
3555 Notes. This species was misidentified as *Bolboceras serratus* LeConte by von Bloeker  
3556 (1939b: 153).  
3557

#### 3558 *Odonteus* Samouelle, 1819

3559 Nomenclatural Authority: Smith (2009)  
3560 Notes. One species of *Odonteus* is known from California (Howden 1984). This genus  
3561 has been known in recent literature as *Bolboceras* Kirby, 1818.  
3562

#### 3563 *Odonteus obesus* LeConte, 1859

3564 Nomenclatural Authority: Smith (2009)  
3565 Literature Records: none  
3566

3567 Digitized Records: Santa Rosa (1 SBMNH)  
 3568 Range: Also known from mainland (Howden 1984).  
 3569 Notes. This species was formerly known as *Bolboceras obesus* (e.g., in Howden 1984).

3570

3571 **Scarabaeidae**

3572

3573 Notes. Seven subfamilies, 76 genera, and 321 species of Scarabaeidae are known to occur  
 3574 in California (M Gimmel, unpublished data). The subfamily Rutelinae has yet to be recorded  
 3575 from the Channel Islands.

3576

3577 Aphodiinae

3578

3579 Notes. Five tribes, 36 genera, and 102 species of Aphodiinae are known to occur in  
 3580 California (M Gimmel, unpublished data).

3581

3582 **Aegialiini**

3583

3584 Notes. Two genera and 14 species of Aegialiini have been recorded from California  
 3585 (Gordon & Cartwright 1988).

3586

3587 *Aegialia* Latreille, 1807

3588 Nomenclatural Authority: Smith (2009)

3589 Notes. Thirteen species of *Aegialia* are known to occur in California (Gordon &  
 3590 Cartwright 1988); these are distributed among two subgenera, *Aegialia* (*s.str.*) and *Psammoporus*  
 3591 Thomson, 1863. The North American fauna was treated by Gordon & Cartwright (1988).

3592

3593 *Aegialia* (*Aegialia*) *convexa* Fall, 1932

3594 Nomenclatural Authority: Gordon & Cartwright (1988)

3595 Literature Records: San Clemente (Gordon & Cartwright 1988: 22)

3596 Digitized Records: none

3597 Range: Also known from mainland (Gordon & Cartwright 1988).

3598

3599 *Aegialia* (*Aegialia*) *crassa* LeConte, 1860

3600 Nomenclatural Authority: Gordon & Cartwright (1988)

3601 Literature Records: San Clemente (von Bloeker 1939b: 153)

3602 Digitized Records: none

3603 Range: Also known from mainland (Gordon & Cartwright 1988).

3604

3605 *Aegialia* (*Aegialia*) *nigrella* Brown, 1931

3606 Nomenclatural Authority: Gordon & Cartwright (1988)

3607 Literature Records: San Nicolas (Gordon & Cartwright 1988: 24)  
3608 Digitized Records: none  
3609 Range: Also known from mainland (Gordon & Cartwright 1988).  
3610

3611 *Aegialia (Aegialia) punctata* Brown, 1931

3612 Nomenclatural Authority: Gordon & Cartwright (1988)  
3613 Literature Records: San Nicolas (Gordon & Cartwright 1988: 25)  
3614 Digitized Records: none  
3615 Range: Also known from mainland (Gordon & Cartwright 1988).  
3616

3617 Aphodiini

3618

3619 Notes. Twenty-eight genera and 66 species of Aphodiini are known to occur in California  
3620 (Gordon & Skelley 2007; M Gimmel, unpublished data). The tribe was monographed for North  
3621 America by Gordon & Skelley (2007).  
3622

3622

3623 *Aphodius* Illiger, 1798

3624 Nomenclatural Authority: Gordon & Skelley (2007)  
3625 Digitized Records (genus-only): Santa Catalina (1 LACM)

3626 Notes. Prior to Gordon & Skelley (2007), this genus was considered to encompass most  
3627 of the North American fauna of Aphodiini. Only a single, adventive species occurs in North  
3628 America (Gordon & Skelley 2007).  
3629

3629

3630 *Aphodius fimetarius* (Linnaeus, 1758)

3631 Nomenclatural Authority: Gordon & Skelley (2007)  
3632 Literature Records: none  
3633 Digitized Records: Anacapa (4 LACM; 1 SBMNH), Santa Catalina (9 LACM; 1  
3634 SBMNH; 1 iNat), Santa Cruz (2 SBMNH; 3 UCSB)  
3635 Range: Also known from mainland (Gordon & Skelley 2007).  
3636

3636 Notes. Adventive in North America, originating in Europe (Gordon & Skelley 2007).  
3637

3637

3638 *Calamosternus* Motschulsky, 1859

3639 Nomenclatural Authority: Gordon & Skelley (2007)  
3640 Notes. Only a single, adventive species occurs in North America (Gordon & Skelley  
3641 2007).  
3642

3642

3643 *Calamosternus granarius* (Linnaeus, 1767)

3644 Nomenclatural Authority: Gordon & Skelley (2007)  
3645 Literature Records: Santa Rosa (von Bloeker 1939b: 153)  
3646 Digitized Records: Anacapa (1 SBMNH), San Nicolas (3 LACM; 1 SBMNH), Santa

3647 Catalina (1 LACM), Santa Rosa (2 LACM)  
3648 Range: Also known from mainland (Gordon & Skelley 2007).  
3649 Notes. Von Bloeker (1939b) recorded this species as *Aphodius granarius* and incorrectly  
3650 attributed the species to LeConte. This species was introduced to North America from  
3651 Europe (Gordon & Skelley 2007).

3652

3653 *Cinacanthus* Schmidt, 1913

3654 Nomenclatural Authority: Gordon & Skelley (2007)

3655 Notes. Three species of this genus are known to occur in California (Gordon & Skelley  
3656 2007).

3657

3658 *Cinacanthus militaris* (LeConte, 1858)

3659 Nomenclatural Authority: Gordon & Skelley (2007)

3660 Literature Records: San Nicolas (von Bloeker 1939b: 153)

3661 Digitized Records: none

3662 Range: Also known from mainland (Gordon & Skelley 2007).

3663 Notes. This species was recorded by von Bloeker (1939b) as *Aphodius militaris*.

3664

3665 *Labarrus* Mulsant & Rey, 1869

3666 Nomenclatural Authority: Gordon & Skelley (2007)

3667 Notes. Two species of this genus occur in North America (Gordon & Skelley 2007). At  
3668 least one occurs in California, while the status of the other in the state remains unknown (see  
3669 below).

3670

3671 *Labarrus pseudolividus* (Balthasar, 1941)

3672 Nomenclatural Authority: Gordon & Skelley (2007)

3673 Literature Records: San Clemente (von Bloeker 1939b: 153), San Miguel (von Bloeker  
3674 1939b: 153), Santa Catalina (Cockerell 1940: 286), Santa Cruz (von Bloeker 1939b:  
3675 153), Santa Rosa (von Bloeker 1939b: 153)

3676 Digitized Records: Anacapa (1 SBMNH; 24 LACM), San Clemente (7 LACM), San  
3677 Miguel (22 LACM), San Nicolas (32 LACM), Santa Cruz (5 SBMNH; 198 LACM),  
3678 Santa Rosa (5 LACM)

3679 Range: Also known from mainland (Gordon & Skelley 2007).

3680 Notes. Von Bloeker (1939b) and Cockerell (1940) recorded this species as *Aphodius*  
3681 *lividus* [now *Labarrus lividus* (Olivier, 1789)]. Gordon & Skelley (2007: 263) noted that  
3682 most North American specimens identified as *L. lividus* probably represent *L.*  
3683 *pseudolividus*. After examination of the von Bloeker (1939b) vouchers housed in  
3684 SBMNH, we have determined that these indeed represent *L. pseudolividus*. There are no  
3685 confirmed published vouchers of true *L. lividus* reported from California. *Labarrus*

3686 *lividus* is probably adventive in North America, while *L. pseudolividus* is probably native  
3687 (Gordon & Skelley 2007).

3688

3689 *Otophorus* Mulsant, 1842

3690 Nomenclatural Authority: Gordon & Skelley (2007)

3691 Notes. Only a single, adventive species of this genus is known from North America  
3692 (Gordon & Skelley 2007).

3693

3694 *Otophorus haemorrhoidalis* (Linnaeus, 1758)

3695 Nomenclatural Authority: Gordon & Skelley (2007)

3696 Literature Records: none

3697 Digitized Records: Santa Cruz (1 SBMNH)

3698 Range: Also known from mainland (Gordon & Skelley 2007).

3699 Notes. Introduced to North America from the Palearctic realm (Gordon & Skelley 2007).

3700

3701 *Planolinellus* Dellacasa & Dellacasa, 2005

3702 Nomenclatural Authority: Gordon & Skelley (2007)

3703 Notes. Only one species of this genus occurs in North America (Gordon & Skelley 2007).

3704

3705 *Planolinellus vittatus* (Say, 1825)

3706 Nomenclatural Authority: Gordon & Skelley (2007)

3707 Literature Records: San Nicolas (von Bloeker 1939b: 153), Santa Rosa (von Bloeker  
3708 1939b: 153)

3709 Digitized Records: San Nicolas (41 LACM; 1 SBMNH), Santa Rosa (43 LACM; 1  
3710 SBMNH)

3711 Range: Also known from mainland (Gordon & Skelley 2007).

3712 Notes. Recorded by von Bloeker (1939b) as *Aphodius vittatus*.

3713

3714 *Rugaphodius* Gordon & Skelley, 2007

3715 Nomenclatural Authority: Gordon & Skelley (2007)

3716 Notes. Only one species of this genus occurs in North America (Gordon & Skelley 2007).

3717

3718 *Rugaphodius rugatus* (Schmidt, 1907)

3719 Nomenclatural Authority: Gordon & Skelley (2007)

3720 Literature Records: San Nicolas (von Bloeker 1939b: 153), Santa Rosa (von Bloeker  
3721 1939b: 153)

3722 Digitized Records: San Nicolas (1 LACM), Santa Rosa (1 LACM)

3723 Range: Also known from mainland (Gordon & Skelley 2007).

3724 Notes. This species was recorded by von Bloeker (1939b) as *Aphodius rugatus*.

3725

3726 Psammodiini

3727

3728 Notes. Six genera and 11 species of Psammodiini are known to occur in California (M  
3729 Gimmel, unpublished data).

3730

3731 *Tesarius* Rakovič, 1981

3732 Nomenclatural Authority: Rakovič (1984)

3733 Notes. Four species of *Tesarius* have been recorded from California (Rakovič 1984). The  
3734 species of the genus were treated by Rakovič (1984).

3735

3736 *Tesarius mcclayi* (Cartwright, 1955)

3737 Nomenclatural Authority: Rakovič (1984)

3738 Literature Records: none

3739 Digitized Records: San Nicolas (1 SBMNH), Santa Rosa (4 SBMNH)

3740 Range: Also known from mainland (Cartwright 1955).

3741

3742 Cetoniinae

3743

3744 Notes. Four tribes, five genera, and 14 species of Cetoniinae have been recorded from  
3745 California (M Gimmel, unpublished data).

3746

3747 Cremastocheilini

3748

3749 Notes. Two genera and 10 species of Cremastocheilini have been recorded from  
3750 California (M Gimmel, unpublished data).

3751

3752 *Cremastocheilus* Knoch, 1801

3753 Nomenclatural Authority: Smith (2009)

3754 Digitized Records (genus-only): Santa Catalina (2 SBMNH)

3755 Notes. Nine species of *Cremastocheilus* are known from California (M Gimmel,  
3756 unpublished data).

3757

3758 *Cremastocheilus schaumii* LeConte, 1853

3759 Nomenclatural Authority: Smith (2009)

3760 Literature Records: Santa Catalina (von Bloeker 1939b: 156; Cockerell 1940: 286)

3761 Digitized Records: Santa Catalina (1 SBMNH)

3762 Range: Also known from mainland.

3763 Notes. Von Bloeker (1939b) reported “one adult collected at edge of ant-hill”. Reported  
3764 as *Cremastocheilus schaumii* by von Bloeker (1939b) and Cockerell (1940).

3765

3766 Gymnetini

3767

3768 Notes. One species of Gymnetini has been recorded from California (Goodrich 1966).

3769

3770 *Cotinis* Burmeister, 1842

3771 Nomenclatural Authority: Smith (2009)

3772 Notes. One species of *Cotinis* is known from California (Goodrich 1966). The genus was  
3773 revised by Goodrich (1966).

3774

3775 *Cotinis mutabilis* (Gory & Percheron, 1833)

3776 Nomenclatural Authority: Goodrich (1966); Smith (2009)

3777 Literature Records: none

3778 Digitized Records: Santa Catalina (1 iNat)

3779 Range: Also known from mainland (Goodrich 1966).

3780

3781 Dynastinae

3782

3783 Notes. Five tribes, seven genera, and 12 species of Dynastinae have been recorded from  
3784 California (Ratcliffe & Cave 2017). The North American fauna of the subfamily was treated by  
3785 Ratcliffe & Cave (2017).

3786

3787 Cyclocephalini

3788

3789 Notes. One genus and five or six species of Cyclocephalini have been recorded from  
3790 California (Ratcliffe & Cave 2017).

3791

3792 *Cyclocephala* Dejean, 1821

3793 Nomenclatural Authority: Ratcliffe & Cave (2017)

3794 Notes. Five or six species of *Cyclocephala* have been recorded from California (Ratcliffe  
3795 & Cave 2017).

3796

3797 *Cyclocephala borealis* Arrow, 1911

3798 Nomenclatural Authority: Ratcliffe & Cave (2017)

3799 Literature Records: San Clemente (von Bloeker 1939b: 156; Ratcliffe & Cave (2017: 61),  
3800 Santa Catalina (Fall 1897: 238; von Bloeker 1939b: 156)

3801 Digitized Records: none

3802 Range: Also known from mainland (Ratcliffe & Cave 2017).

3803 Notes. Von Bloeker (1939b) recorded this species as *Ochrosidia villosa* (Burmeister,  
3804 1855); this name is preoccupied in *Cyclocephala* and *C. borealis* is the currently valid  
3805 name for this taxon. This species is otherwise known to occur only in the eastern USA;

3806 the Channel Islands records are suspect. Ratcliffe & Cave (2017: 61) wrote: “We have a  
3807 strange record of one male specimen collected in April 1939 from San Clemente Island in  
3808 the Channel Islands...”.

3809

3810 *Cyclocephala hirta* LeConte, 1861

3811 Nomenclatural Authority: Ratcliffe & Cave (2017)

3812 Literature Records: none

3813 Digitized Records: Santa Catalina (18 LACM)

3814 Range: Also known from mainland (Ratcliffe & Cave 2017).

3815 Notes. According to Ratcliffe & Cave (2017), the subspecies present in southern

3816 California is the nominate subspecies, *C. h. hirta* LeConte, 1861.

3817

3818 *Cyclocephala longula* LeConte, 1863

3819 Nomenclatural Authority: Ratcliffe & Cave (2017)

3820 Literature Records: San Clemente (von Bloeker 1939b: 156), San Nicolas (von Bloeker

3821 1939b: 156), Santa Cruz (von Bloeker 1939b: 156), Santa Rosa (von Bloeker 1939b: 156)

3822 Digitized Records: none

3823 Range: Also known from mainland (Ratcliffe & Cave 2017).

3824 Notes. Von Bloeker (1939b) recorded this species as *Ochrosidia longula* from Santa Cruz

3825 and Santa Rosa; he also recorded it as *Ochrosidia obesula* Casey, 1915 from San

3826 Clemente and San Nicolas. The latter name is now considered a synonym of *C. longula*

3827 (see Ratcliffe & Cave 2017).

3828

3829 *Cyclocephala melanocephala* (Fabricius, 1775)

3830 Nomenclatural Authority: Ratcliffe & Cave (2017)

3831 Literature Records: San Miguel (von Bloeker 1939b: 156), Santa Cruz (von Bloeker

3832 1939b: 156), Santa Rosa (von Bloeker 1939b: 156)

3833 Digitized Records: none

3834 Range: Also known from mainland (Ratcliffe & Cave 2017).

3835 Notes. Von Bloeker (1939b) recorded this species as *Dichromina dimidiata* (Burmeister,

3836 1847) (now considered a junior synonym of *C. melanocephala*, see Ratcliffe & Cave

3837 2017) and noted that it was “fairly common in flowers of *Datura metalloides*, August”.

3838

3839 *Cyclocephala pasadenae* (Casey, 1915)

3840 Nomenclatural Authority: Ratcliffe & Cave (2017)

3841 Literature Records: San Miguel (von Bloeker 1939b: 156), Santa Cruz (von Bloeker

3842 1939b: 156), Santa Rosa (von Bloeker 1939b: 156)

3843 Digitized Records: none

3844 Range: Also known from mainland (Ratcliffe & Cave 2017).

3845 Notes. Von Bloeker (1939b) recorded this species as *Ochrosidia pasadenae*.

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### Pentodontini

Notes. Two genera and three species of Pentodontini have been recorded from California (Ratcliffe & Cave 2017).

#### *Tomarus* Erichson, 1847

Nomenclatural Authority: Ratcliffe & Cave (2017)

Notes. One species of *Tomarus* has been recorded from California (Ratcliffe & Cave 2017).

#### *Tomarus gibbosus* (DeGeer, 1774)

Nomenclatural Authority: Ratcliffe & Cave (2017)

Literature Records: San Clemente (von Bloeker 1939b: 156), San Miguel (von Bloeker 1939b: 156), San Nicolas (von Bloeker 1939b: 156), Santa Rosa (von Bloeker 1939b: 156)

Digitized Records: San Clemente (40 LACM; 2 SBMNH), San Miguel (18 LACM; 1 SBMNH), San Nicolas (26 LACM; 1 SBMNH), Santa Cruz (13 LACM; 1 SBMNH), Santa Rosa (13 LACM; 1 SBMNH)

Range: Also known from mainland (Ratcliffe & Cave 2017).

Notes. Von Bloeker (1939b) recorded this species as two different taxa, *Ligyryus californicus* Casey, 1909 and *L. scitulus* Casey, 1915. The former was reported from San Clemente, San Miguel, San Nicolas, and Santa Rosa and was noted to be “common in loose sand under *Abronia maritima*, *A. alba*, *Franseria bipinnatifida*, *Astragalus nevinii* and *A. miguelensis*, and occasional at lights” (von Bloeker 1939b: 156); the latter was reported from San Clemente, San Miguel, and San Nicolas and was noted to be “occasional at lights, much less common than the preceding species [*L. scitulus*]” (von Bloeker 1939b: 156). Both taxa are now considered junior synonyms of *T. gibbosus* (see Ratcliffe & Cave 2017).

### Melolonthinae

Notes. Nine tribes, 15 genera, and 172 species of Melolonthinae are known to occur in California (M Gimmel, unpublished data).

#### Dichelonychini

Notes. Three genera and 46 species of Dichelonychini are known to occur in California (M Gimmel, unpublished data).

- 3886 *Coenonycha* Horn, 1876  
3887 Nomenclatural Authority: Evans & Smith (2009)  
3888 Notes. Twenty-six species of *Coenonycha* have been recorded from California (Evans &  
3889 Smith 1986). The species of the genus were keyed by Evans & Smith (1986).  
3890  
3891 *Coenonycha clementina* Casey, 1909  
3892 Nomenclatural Authority: Evans & Smith (2009)  
3893 Literature Records: San Clemente (Casey 1909: 281; von Bloeker 1939b: 155; Cazier &  
3894 McClay 1943: 17; Evans 1985: 86; Miller 1985a: 19; Evans & Smith 1986: 86; Evans &  
3895 d'Hotman 1988: 207)  
3896 Digitized Records: San Clemente (2 ASUHC; 5 LACM; 6 SBMNH; 6 USNM)  
3897 Range: Endemic (Casey 1909; Cazier & McClay 1943; Evans 1985; Miller 1985a; Evans  
3898 & Smith 1986; Evans & d'Hotman 1988).  
3899 Notes. A flightless species (Cazier & McClay 1943: 7; Evans 1985: 86). Adults were  
3900 reported from among the roots of a perennial *Lupinus* (Fabaceae) species during March  
3901 (Evans 1985: 86).  
3902  
3903 *Coenonycha clypeata* McClay, 1943  
3904 Nomenclatural Authority: Evans & Smith (2009)  
3905 Literature Records: Santa Catalina (Cazier & McClay 1943: 23; Miller 1985a: 19;  
3906 Caterino & Chandler 2010: 187)  
3907 Digitized Records: Santa Catalina (3 LACM; 1 SBMNH)  
3908 Range: Endemic (Cazier & McClay 1943; Miller 1985a; Caterino & Chandler 2010).  
3909 Notes. Early Santa Catalina records of *Coenonycha rotundata* LeConte, 1856 (Fall 1897:  
3910 238; von Bloeker 1939b: 155) probably referred to this species or to *C. fulva*.  
3911  
3912 *Coenonycha fulva* McClay, 1943  
3913 Nomenclatural Authority: Evans & Smith (2009)  
3914 Literature Records: Santa Catalina (Cazier & McClay 1943: 23; Evans 1985: 86; Miller  
3915 1985a; Evans & Smith 1986: 90; Caterino & Chandler 2010: 187)  
3916 Digitized Records: Anacapa (1 LACM), Santa Catalina (2 ASUHC; 43 LACM; 12  
3917 SBMNH)  
3918 Range: Endemic (Cazier & McClay 1943; Miller 1985a; Evans & Smith 1986; Caterino  
3919 & Chandler 2010).  
3920 Notes. Early Santa Catalina records of *C. rotundata* (Fall 1897: 238; von Bloeker 1939b:  
3921 155) probably referred to this species or to *C. clypeata*. Evans (1985: 86) reported a large  
3922 number of individuals from *Adenostoma fasciculatum* Hook. & Arn. (Rosaceae).  
3923  
3924 *Coenonycha santacruzae* Evans, 1986  
3925 Nomenclatural Authority: Evans & Smith (2009)

- 3926 Literature Records: Santa Cruz (Evans & Smith 1986: 82)  
 3927 Digitized Records: Santa Cruz (2 ASUHC; 1 SBMNH)  
 3928 Range: Endemic (Evans & Smith 1986).  
 3929 Notes. Evans & Smith (1986) reported adults from *Adenostoma fasciculatum*,  
 3930 *Cercocarpus traskae* Eastw. (Rosaceae), and *Artemisia californica* Less. (Asteraceae).  
 3931  
 3932 *Dichelonyx* Harris, 1827  
 3933 Nomenclatural Authority: Evans & Smith (2009)  
 3934 Notes. Seventeen species of *Dichelonyx* are known from California (M Gimmel,  
 3935 unpublished data).  
 3936  
 3937 *Dichelonyx backii* Kirby, 1837  
 3938 Nomenclatural Authority: Evans & Smith (2009)  
 3939 Literature Records: none  
 3940 Digitized Records: Santa Cruz (5 LACM)  
 3941 Range: Also known from mainland (Evans & Smith 2009).  
 3942  
 3943 *Dichelonyx fulgida* LeConte, 1856  
 3944 Nomenclatural Authority: Evans & Smith (2009)  
 3945 Literature Records: Santa Cruz (von Bloeker 1939b: 155)  
 3946 Digitized Records: none  
 3947 Range: Also known from mainland (Evans & Smith 2009).  
 3948 Notes. The subspecies occurring on the islands is *D. f. crotchii* Horn, 1876; it was  
 3949 recorded as *Dichelonyx crotchi* by von Bloeker (1939b).  
 3950  
 3951 *Dichelonyx pusilla* LeConte, 1856  
 3952 Nomenclatural Authority: Evans & Smith (2009)  
 3953 Literature Records: San Miguel (von Bloeker 1939b: 155), Santa Cruz (von Bloeker  
 3954 1939b: 155), Santa Rosa (von Bloeker 1939b: 155)  
 3955 Digitized Records: San Miguel (2 LACM), Santa Cruz (3 LACM), Santa Rosa (2 LACM)  
 3956 Range: Also known from mainland (Evans & Smith 2009).  
 3957  
 3958 Diplotaxini  
 3959  
 3960 Notes. One genus and 22 species of Diplotaxini are known to occur in California (M  
 3961 Gimmel, unpublished data).  
 3962  
 3963 *Diplotaxis* Kirby, 1837  
 3964 Nomenclatural Authority: Evans & Smith (2009)

3965 Notes. Twenty-two species of *Diplotaxis* are known to occur in California (M Gimmel,  
3966 unpublished data). The genus was revised in two papers by Vaurie (1958, 1960).

3967

3968 *Diplotaxis fimbriata* Fall, 1909

3969 Nomenclatural Authority: Vaurie (1960), Evans & Smith (2009)

3970 Literature Records: San Clemente (von Bloeker 1939b: 154), Santa Cruz (von Bloeker  
3971 1939b: 154)

3972 Digitized Records: none

3973 Range: Also known from mainland (Vaurie 1960).

3974

3975 *Diplotaxis subangulata* LeConte, 1856

3976 Nomenclatural Authority: Vaurie (1960), Evans & Smith (2009)

3977 Literature Records: San Clemente (von Bloeker 1939b: 154), Santa Cruz (von Bloeker  
3978 1939b: 154), Santa Rosa (von Bloeker 1939b: 154)

3979 Digitized Records: San Clemente (1 LACM; 1 SBMNH), Santa Cruz (3 LACM), Santa  
3980 Rosa (1 LACM; 1 SBMNH)

3981 Range: Also known from mainland (Vaurie 1960).

3982

3983 Hopliini

3984

3985 Notes. One genus and four species of Hopliini have been recorded from California  
3986 (Hardy 1977).

3987

3988 *Hoplia* Illiger, 1803

3989 Nomenclatural Authority: Evans & Smith (2009)

3990 Notes. Four species of *Hoplia* have been recorded from California (Hardy 1977). The  
3991 species were revised by Hardy (1977).

3992

3993 *Hoplia callipyge* LeConte, 1856

3994 Nomenclatural Authority: Evans & Smith (2009)

3995 Literature Records: Santa Cruz (Hardy 1977: 14)

3996 Digitized Records: Santa Cruz (2 SBMNH)

3997 Range: Also known from mainland (Hardy 1977).

3998

3999 Melolonthini

4000

4001 Notes. Five genera and 28 species of Melolonthini have been recorded from California  
4002 (M Gimmel, unpublished data).

4003

4004 *Amblonoxia* Reitter, 1902

4005 Nomenclatural Authority: Evans & Smith (2009)  
4006 Notes. Six species of *Amblonoxia* have been recorded from California (Hardy 1974). The  
4007 species were revised by Hardy (1974). Members of this genus were until recently placed in the  
4008 genus *Parathyce* Hardy, 1974, which is now a junior synonym of *Amblonoxia* (Evans & Smith  
4009 2009).

4010

4011 *Amblonoxia palpalis* (Horn, 1880)

4012 Nomenclatural Authority: Evans & Smith (2009)

4013 Literature Records: San Clemente (von Bloeker 1939b: 155; Hardy 1974: 20; Miller &

4014 Miller 1985: 124), San Nicolas (von Bloeker 1939b: 155; Hardy 1974: 20; Miller &

4015 Miller 1985: 124), Santa Barbara (von Bloeker 1939b: 155; Miller & Miller 1985: 124)

4016 Digitized Records: Anacapa (2 SBMNH), San Nicolas (1 SBMNH)

4017 Range: Also known from mainland (Hardy 1974).

4018 Notes. This species was recorded as *Thyce blaisdelli* Casey by von Bloeker (1939b),

4019 which is now considered a junior synonym of *A. palpalis* (see Evans & Smith 2009). It

4020 was recorded as *Parathyce palpalis* by Hardy (1974) and Miller & Miller (1985).

4021

4022 *Polyphylla* Harris, 1841

4023 Nomenclatural Authority: Evans & Smith (2009)

4024 Literature Records (genus-only): San Miguel (von Bloeker 1939b: 155), Santa Cruz (von

4025 Bloeker 1939b: 155)

4026 Digitized Records (genus-only): Santa Cruz (1 UCSB)

4027 Notes. Seventeen species of *Polyphylla* have been recorded from California (M Gimmel,

4028 unpublished data). The genus was revised by Young (1988). The above literature records were

4029 deemed unidentifiable to species (because of specimen damage) by von Bloeker (1939b).

4030

4031 *Polyphylla crinita* LeConte, 1856

4032 Nomenclatural Authority: Young (1988); Evans & Smith (2009)

4033 Literature Records: Santa Cruz (von Bloeker 1939a: 148; von Bloeker 1939b: 154;

4034 Young 1967: 307; Young 1988: 55), Santa Rosa (von Bloeker 1939a: 149; von Bloeker

4035 1939b: 154; Young 1967: 307; Young 1988: 55)

4036 Digitized Records: Santa Catalina (16 LACM), Santa Cruz (47 LACM; 1 SBMNH)

4037 Range: Also known from mainland (Young 1967, 1988).

4038 Notes. This species was first recorded from the Channel Islands as the Santa Cruz-

4039 endemic *Polyphylla ona* von Bloeker, 1939 and the Santa Rosa-endemic *Polyphylla*

4040 *santarosae* von Bloeker, 1939 by von Bloeker (1939a, b). These were synonymized with

4041 *P. crinita* by Cazier (1940: 137), who also synonymized *Polyphylla nigra* Casey, 1914,

4042 *Polyphylla martini* von Bloeker, 1939, and *Polyphylla santacruzae* von Bloeker, 1939

4043 under the same name; Young (1967: 305) followed this arrangement. Later, however,

4044 Young (1988) removed the latter three taxa from synonymy with *P. crinita* (see entry for  
4045 *P. nigra* below).

4046

4047 *Polyphylla nigra* Casey, 1914

4048 Nomenclatural Authority: Young (1988); Evans & Smith (2009)

4049 Literature Records: Santa Cruz (von Bloeker 1939a: 149; von Bloeker 1939b: 154;

4050 Young 1988: 68), Santa Rosa (von Bloeker 1939a: 149; von Bloeker 1939b: 155; Young  
4051 1988: 68)

4052 Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (11 SBMNH)

4053 Range: Also known from mainland (Young 1988).

4054 Notes. This species was first recorded from the Channel Islands as the Santa Rosa-  
4055 endemic *P. martini* and the Santa Cruz-endemic *P. santacruzae* by von Bloeker (1939a,  
4056 b). These were synonymized with *P. crinita* by Cazier (1940: 137), which was followed  
4057 by Young (1967: 305). Later, Young (1988: 67) synonymized these two names with the  
4058 newly resurrected *P. nigra*. The larva of “*P. santacruzae*” was reported from “beneath  
4059 roots of *Eucalyptus*, August” (von Bloeker 1939b).

4060

4061

#### Phobetusini

4062

4063 Notes. One genus and nine species of Phobetusini have been recorded from California  
4064 (Hardy 1978).

4065

4066 *Phobetus* LeConte, 1856

4067 Nomenclatural Authority: Evans & Smith (2009)

4068 Literature Records (genus-only): San Clemente (Doyen 1974: 87), Santa Barbara (Miller  
4069 & Miller 1985: 125)

4070 Digitized Records (genus-only): San Clemente (4 SBMNH), San Nicolas (11 SBMNH),  
4071 Santa Rosa (26 SBMNH)

4072 Notes. Nine species of *Phobetus* have been recorded from California (Hardy 1978).

4073 Barrett (1935) and Hardy (1978) provided keys to species. The San Clemente, San Miguel, and  
4074 Santa Barbara records of *Phobetus comatus* LeConte, 1856 in von Bloeker (1939b: 155) and San  
4075 Clemente, San Nicolas, and Santa Rosa specimens in the SBMNH collection apparently  
4076 represent one or more new species in the *Phobetus testaceus* group; the southern island  
4077 specimens appear to be brachypterous (MLG, personal observation). The genus needs revision  
4078 (A Evans, 2021, pers. comm.).

4079

4080 *Phobetus ciliatus* Barrett, 1935

4081 Nomenclatural Authority: Evans & Smith (2009)

4082 Literature Records: Santa Catalina (Barrett 1935: 51; Cazier 1937: 84; Cockerell 1940:  
4083 286; Miller 1985a: 19; Caterino & Chandler 2010: 187)

4084 Digitized Records: Santa Catalina (17 LACM; 4 SBMNH)  
 4085 Range: Endemic (Barrett 1935; Cazier 1937; Hardy 1978; Miller 1985a; Caterino &  
 4086 Chandler 2010).  
 4087 Notes. Recorded simply from “Channel Islands, California” by Hardy (1978). However,  
 4088 this distinctive species appears to be restricted to Santa Catalina Island (A Evans, 2021,  
 4089 pers. comm.). Fall’s (1897: 238; 1901: 141) and von Bloeker’s (1939b: 155) records of *P.*  
 4090 *comatus* from that island apparently represent *P. ciliatus* (Cockerell 1940: 286).

4091  
 4092 *Phobetus testaceus* LeConte, 1862

4093 Nomenclatural Authority: Evans & Smith (2009)  
 4094 Literature Records: Santa Cruz (LeConte 1861: 346; Casey 1909: 282; Fall & Davis  
 4095 1934: 144; Cazier 1937: 85; Cockerell 1940: 286; Evans 1985: 87; Miller 1985a: 19)  
 4096 Digitized Records: Santa Cruz (22 SBMNH; 3 UCSB)  
 4097 Range: Endemic (LeConte 1861; Cazier 1937; Hardy 1978; Evans 1985; Miller 1985a).  
 4098 Notes. Casey (1909: 282) opined that this was “probably... a well-marked subspecies of  
 4099 *comatus*.” Von Bloeker (1939b: 155) noted that Fall (1897: 238) recorded this species  
 4100 from Santa Cruz Island under *P. comatus*, and did not provide any new records or  
 4101 comments on its validity. Evans (1985: 87) reported adults copulating and feeding on  
 4102 *Cercocarpus betuloides blanchae* (C. K. Schneid.) Little. Recorded simply from  
 4103 “Channel Islands, California” by Hardy (1978). Apparently endemic to Santa Cruz Island  
 4104 (A Evans, 2021, pers. comm.).

4105  
 4106 Rhizotrogini

4107  
 4108 Notes. One genus and 11 species of Rhizotrogini are known to occur in California (M  
 4109 Gimmel, unpublished data).

4110  
 4111 *Phyllophaga* Harris, 1827

4112 Nomenclatural Authority: Evans & Smith (2009)  
 4113 Notes. Eleven species of *Phyllophaga* are known from California, belonging to two  
 4114 subgenera, *Listrochelus* Blanchard, 1851 and *Phyllophaga* (*s.str.*) (M Gimmel, unpublished  
 4115 data).

4116  
 4117 *Phyllophaga* (*Listrochelus*) *mucorea* (LeConte, 1856)

4118 Nomenclatural Authority: Evans & Smith (2009)  
 4119 Literature Records: San Clemente (von Bloeker 1939b: 154)  
 4120 Digitized Records: none  
 4121 Range: Also known from mainland (Evans & Smith 2009).  
 4122 Notes. Reported by von Bloeker (1939b) as *Listrochelus mucoreus*.

4123

## Sericini

4124

4125

4126 Notes. One genus and 49 species of Sericini have been recorded from California (M  
4127 Gimmel, unpublished data).

4128

4129

*Serica* MacLeay, 1819

4130 Nomenclatural Authority: Evans & Smith (2009)

4131 Literature Records (genus-only): San Clemente (Doyen 1974: 87), Santa Barbara (Miller  
4132 & Miller 1985: 125)

4133 Digitized Records (genus-only): Santa Cruz (1 UCSB)

4134 Notes. Forty-nine species of *Serica* have been recorded from California (M Gimmel,  
4135 unpublished data). The genus is under revision by P Lago (2022, pers. comm.).

4136

4137 *Serica alternata* LeConte, 1856

4138 Nomenclatural Authority: Evans & Smith (2009)

4139 Literature Records: San Clemente (von Bloeker 1939b: 154), San Nicolas (von Bloeker  
4140 1939b: 154), Santa Barbara (von Bloeker 1939b: 154)

4141 Digitized Records: none

4142 Range: Also known from mainland (Dawson 1933).

4143 Notes. Miller & Miller (1985) rejected von Bloeker's (1939b) island records of this  
4144 species, since Dawson (1933) had revised the species previously included under *S.*

4145 *alternata*, and von Bloeker (1939b) apparently ignored this.

4146

4147 *Serica catalina* Dawson, 1947

4148 Nomenclatural Authority: Evans & Smith (2009)

4149 Literature Records: Santa Catalina (Dawson 1947: 234; Miller 1985a: 19; Caterino &  
4150 Chandler 2010: 187)

4151 Digitized Records: none

4152 Range: Endemic (Dawson 1947; Miller 1985a; Caterino & Chandler 2010).

4153

4154 *Serica cruzi* Saylor, 1939

4155 Nomenclatural Authority: Evans & Smith (2009)

4156 Literature Records: Santa Cruz (Saylor 1939: 55; Miller 1985a: 19)

4157 Digitized Records: Santa Cruz (5 LACM; 1 SBMNH; 1 UCSB; 1 USNM)

4158 Range: Endemic (Saylor 1939; Miller 1985a).

4159

4160 *Serica mixta* LeConte, 1856

4161 Nomenclatural Authority: Evans & Smith (2009)

4162 Literature Records: San Clemente (von Bloeker 1939b: 154), San Miguel (von Bloeker  
4163 1939b: 154), San Nicolas (von Bloeker 1939b: 154), Santa Cruz (von Bloeker 1939b:  
4164 154), Santa Rosa (von Bloeker 1939b: 154)  
4165 Digitized Records: none  
4166 Range: Also known from mainland (Dawson 1947).

4167

4168 Scarabaeinae

4169

4170 Notes. Five tribes, seven genera, and nine species of Scarabaeinae are known to occur in  
4171 California (M Gimmel, unpublished data).

4172

4173 *Canthon* Hoffmannsegg, 1817

4174 Nomenclatural Authority: Smith (2009)

4175 Notes. One species of *Canthon* has been recorded from California (Robinson 1948),  
4176 belonging to the subgenus *Boreocanthon* Halffter, 1958.

4177

4178 *Canthon (Boreocanthon) simplex* LeConte, 1857

4179 Nomenclatural Authority: Robinson (1948)

4180 Literature Records: San Clemente (von Bloeker 1939b: 153)

4181 Digitized Records: none

4182 Range: Also known from mainland (Robinson 1948).

4183

4184 **Trogidae**

4185

4186 Notes. This family is represented by two genera and eight species in California (Vaurie  
4187 1955). The family was treated for North America by Vaurie (1955).

4188

4189 *Trox* Fabricius, 1775

4190 Nomenclatural Authority: Smith (2009)

4191 Notes. Six species of *Trox* have been recorded from California (Vaurie 1955).

4192

4193 *Trox atrox* LeConte, 1854

4194 Nomenclatural Authority: Vaurie (1955)

4195 Literature Records: San Clemente (von Bloeker 1939b: 154)

4196 Digitized Records: San Clemente (2 LACM)

4197 Range: Also known from mainland (Vaurie 1955).

4198

4199 *Trox gemmulatus* Horn, 1874

4200 Nomenclatural Authority: Vaurie (1955)

4201 Literature Records: San Clemente (von Bloeker 1939b: 154)

4202 Digitized Records: San Clemente (5 LACM; 1 SBMNH)  
4203 Range: Also known from mainland (Vaurie 1955).

4204

4205

## STAPHYLINOIDEA

4206

4207

### Colonidae, NEW FAMILY RECORD

4208

4209 Notes. One genus and 14 species of Colonidae have been recorded from California (Peck  
4210 & Stephan 1996; Peck & Newton 2017). Until recently, this family was treated as a subfamily of  
4211 Leiodidae (see Cai et al. 2022).

4212

4213

*Colon* Herbst, 1797

4214

Nomenclatural Authority: Peck & Newton (2017)

4215

4216 Notes. Peck & Stephan (1996) reported 14 species of *Colon* from California belonging to  
4217 three subgenera (*Colon* (*s.str.*), *Eurycolon* Ganglbauer, 1899, and *Myloechus* Latreille, 1806) in  
4218 their revision of the North American species of the genus.

4218

4219

*Colon* (*Myloechus*) *forceps* Hatch, 1957

4220

Nomenclatural Authority: Peck & Newton (2017)

4221

Literature Records: none

4222

Digitized Records: Santa Cruz (1 SBMNH)

4223

Range: Also known from mainland (Peck & Stephan 1996).

4224

4225

### Hydraenidae

4226

4227 Notes. Two subfamilies, five genera, and 49 species of Hydraenidae recorded from  
4228 California (Perkins 1980). This family was treated for the New World by Perkins (1980).

4229

4230

#### Hydraeninae

4231

4232 Notes. Two genera and 16 species of Hydraeninae have been recorded from California  
4233 (Perkins 1980).

4234

4235

*Hydraena* Kugelann, 1794

4236

Nomenclatural Authority: Perkins (1980)

4237

4238 Digitized Records (genus-only): San Clemente (6 SBMNH), Santa Cruz (23 SBMNH),  
4239 Santa Rosa (10 SBMNH)

4239

Notes. Twelve species of *Hydraena* have been recorded from California (Perkins 1980).

4240

4241

*Hydraena arenicola* Perkins, 1980

- 4242 Nomenclatural Authority: Perkins (1980)  
4243 Literature Records: Santa Cruz (Perkins 1980: 485)  
4244 Digitized Records: none  
4245 Range: Also known from mainland (Perkins 1980).  
4246  
4247 *Hydraena circulata* Perkins, 1980  
4248 Nomenclatural Authority: Perkins (1980)  
4249 Literature Records: Santa Cruz (Perkins 1980: 483)  
4250 Digitized Records: none  
4251 Range: Also known from mainland (Perkins 1980).  
4252  
4253 *Hydraena vandykei* d'Orchymont, 1923  
4254 Nomenclatural Authority: Perkins (1980)  
4255 Literature Records: Santa Cruz (Perkins 1980: 493)  
4256 Digitized Records: none  
4257 Range: Also known from mainland (Perkins 1980).  
4258  
4259 Ochthebiinae  
4260  
4261 Notes. Three genera and 33 species of Ochthebiinae have been recorded from California  
4262 (Perkins 1980).  
4263  
4264 *Ochthebius* Leach, 1815  
4265 Nomenclatural Authority: Perkins (1980)  
4266 Digitized Records (genus-only): San Clemente (52 SBMNH), San Miguel (50 SBMNH),  
4267 San Nicolas (22 SBMNH), Santa Catalina (14 SBMNH), Santa Cruz (30 SBMNH), Santa Rosa  
4268 (103 SBMNH)  
4269 Notes. Thirty species of *Ochthebius* have been recorded from California (Perkins 1980).  
4270  
4271 *Ochthebius discretus* LeConte, 1878  
4272 Nomenclatural Authority: Perkins (1980)  
4273 Literature Records: Santa Catalina (Fall 1897: 236)  
4274 Digitized Records: none  
4275 Range: Also known from mainland (Perkins 1980).  
4276  
4277 *Ochthebius interruptus* LeConte, 1852  
4278 Nomenclatural Authority: Perkins (1980)  
4279 Literature Records: Santa Cruz (Perkins 1980: 507; Furlong & Wenner 2002: 250)  
4280 Digitized Records: none  
4281 Range: Also known from mainland (Perkins 1980).

4282

4283 *Ochthebius puncticollis* LeConte, 1852

4284 Nomenclatural Authority: Perkins (1980)

4285 Literature Records: Santa Cruz (Perkins 1980: 524)

4286 Digitized Records: Santa Cruz (3 SBMNH)

4287 Range: Also known from mainland (Perkins 1980).

4288

4289

**Leiodidae**

4290

4291 Notes. There are four subfamilies, 19 genera, and 101 species of Leiodidae known from  
4292 California (Peck & Newton 2017; M Gimmel, unpublished data). A distributional catalog of the  
4293 North American fauna of the family was provided by Peck & Newton (2017).

4294

4295

Catopocerinae

4296

4297 Notes. One genus and 23 species of Catopocerinae have been recorded from California  
4298 (Peck & Cook 2011).

4299

4300

*Pinodytes* Horn, 1880

4301 Nomenclatural Authority: Peck &amp; Newton (2017)

4302 Notes. A total of 23 species of this genus is known from California (Peck & Cook 2011),  
4303 and it is likely that additional species will be discovered in the Channel Islands. The genus was  
4304 revised by Peck & Cook (2011).

4305

4306 *Pinodytes gibbosus* Peck & Cook, 2011

4307 Nomenclatural Authority: Peck &amp; Newton (2017)

4308 Literature Records: Santa Catalina (Peck & Cook 2011: 26), Santa Cruz (Peck & Cook  
4309 2011: 26), Santa Rosa (Peck & Cook 2011: 26)

4310 Digitized Records: Santa Catalina (7 SBMNH), Santa Cruz (4 SBMNH), Santa Rosa (36  
4311 SBMNH)

4312 Range: Also known from mainland (Peck & Cook 2011).

4313 Notes. Caterino & Chandler (2010: 191) reported the genus *Catopocerus* Motschulsky,  
4314 1870 from Santa Catalina Island; this record presumably refers to this species.

4315

4316

Leiodinae

4317

4318 Notes. Three tribes, 13 genera, and 63 species of Leiodinae have been recorded from  
4319 California (Peck & Newton 2017; M Gimmel, unpublished data).

4320

4321

*Agathidium* Panzer, 1797

- 4322 Nomenclatural Authority: Peck & Newton (2017)
- 4323 Notes. Twenty-three species of *Agathidium* have been recorded from California (Miller &
- 4324 Wheeler 2005; Wheeler & Miller 2005). This genus was monographed for North America in two
- 4325 papers by Miller & Wheeler (2005) and Wheeler & Miller (2005).
- 4326
- 4327 *Agathidium pulchrum* LeConte, 1853
- 4328 Nomenclatural Authority: Peck & Newton (2017)
- 4329 Literature Records: none
- 4330 Digitized Records: Santa Cruz (1 SBMNH)
- 4331 Range: Also known from mainland (Miller & Wheeler 2005).
- 4332
- 4333 *Agathidium virile* Fall, 1901
- 4334 Nomenclatural Authority: Peck & Newton (2017)
- 4335 Literature Records: none
- 4336 Digitized Records: San Clemente (29 SBMNH), Santa Catalina (2 SBMNH)
- 4337 Range: Also known from mainland (Wheeler & Miller 2005).
- 4338
- 4339 *Leiodes* Latreille, 1797
- 4340 Nomenclatural Authority: Peck & Newton (2017)
- 4341 Literature Records (genus-only): Santa Catalina (Caterino & Chandler 2010: 191)
- 4342 Notes. Sixteen species of *Leiodes* have been recorded from California (Baranowski
- 4343 1993). This genus was revised for North America by Baranowski (1993). Caterino & Chandler
- 4344 (2010: 191) reported this genus as a new record from Santa Catalina Island.
- 4345
- 4346 *Leiodes antennata* (Fall, 1910)
- 4347 Nomenclatural Authority: Peck & Newton (2017)
- 4348 Literature Records: none
- 4349 Digitized Records: Santa Catalina (3 SBMNH)
- 4350 Range: Also known from mainland (Baranowski 1993).
- 4351
- 4352 *Leiodes paludicola* (Crotch, 1874)
- 4353 Nomenclatural Authority: Peck & Newton (2017)
- 4354 Literature Records: none
- 4355 Digitized Records: Santa Catalina (3 SBMNH)
- 4356 Range: Also known from mainland (Baranowski 1993).
- 4357
- 4358 **Ptiliidae, NEW FAMILY RECORD**
- 4359
- 4360 Notes. Two subfamilies, 11 genera, and 29 species of Ptiliidae are known to occur in
- 4361 California (M Gimmel, unpublished data).

4362

4363

Nossidiinae

4364

4365 Notes. Two genera and two species of Nossidiinae are known to occur in California (M  
4366 Gimmel, unpublished data).

4367

4368

*Motschulskium* Matthews, 1872

4369 Nomenclatural Authority: Hall (2000)

4370 Notes. One species of *Motschulskium* has been recorded from the west coast of North  
4371 America, including California (Hall 2000).

4372

4373 *Motschulskium sinuatocolle* Matthews, 1872

4374 Nomenclatural Authority: Hall (2000)

4375 Literature Records: none

4376 Digitized Records: San Clemente (6 SBMNH), San Nicolas (6 SBMNH), Santa Catalina  
4377 (1 SBMNH)

4378 Range: Also known from mainland (Hall 2000).

4379

4380

Ptiliinae

4381

4382 Notes. Five tribes, nine genera, and 27 species of Ptiliinae are known to occur in  
4383 California (M Gimmel, unpublished data).

4384

4385

## Acrotrichini

4386

4387 Notes. Two genera and 11 species of Acrotrichini are known to occur in California (M  
4388 Gimmel, unpublished data).

4389

4390

*Acrotrichis* Motschulsky, 1848

4391 Nomenclatural Authority: Hall (2000)

4392 Notes. Ten species of *Acrotrichis* have been recorded from California (M Gimmel,  
4393 unpublished data).

4394

4395 *Acrotrichis* undetermined species

4396 Literature Records: none

4397 Digitized Records: Santa Cruz (3 SBMNH), Santa Rosa (1 SBMNH)

4398

4399

## Ptenidiini

4400

4401 Notes. One genus and four species of Ptenidiini have been recorded from California (M  
4402 Gimmel, unpublished data).

4403

4404 *Ptenidium* Erichson, 1845

4405 Nomenclatural Authority: Hall (2000)

4406 Notes. Four species of *Ptenidium* have been recorded from California (M Gimmel,  
4407 unpublished data).

4408

4409 *Ptenidium* undetermined species

4410 Literature Records: none

4411 Digitized Records: Santa Rosa (33 SBMNH)

4412

4413 Ptiliini

4414

4415 Notes. Three genera and nine species of Ptiliini are known to occur in California (M  
4416 Gimmel, unpublished data).

4417

4418 *Actidium* Matthews, 1869

4419 Nomenclatural Authority: Hall (2000)

4420 Notes. Four species of *Actidium* have been recorded from California (M Gimmel,  
4421 unpublished data).

4422

4423 *Actidium* undetermined species

4424 Literature Records: none

4425 Digitized Records: Santa Cruz (1 SBMNH)

4426

4427 *Ptiliolium* Flach, 1888

4428 Nomenclatural Authority: Hall (2000)

4429 Notes. No species of *Ptiliolium* have been recorded from California in the literature (M  
4430 Gimmel, unpublished data); this represents a **new state record** for the genus.

4431

4432 *Ptiliolium* undetermined species

4433 Literature Records: none

4434 Digitized Records: San Clemente (9 SBMNH), Santa Catalina (38 SBMNH), Santa Rosa  
4435 (30 SBMNH)

4436

4437 Ptinellini

4438

4439 Notes. Two genera and two species of Ptinellini are known to occur in California (M  
4440 Gimmel, unpublished data).

4441

4442

*Pteryx* Matthews, 1859

4443

Nomenclatural Authority: Hall (2000)

4444

Notes. No species of *Pteryx* have been recorded from California in the literature (M Gimmel, unpublished data); this represents a **new state record** for the genus.

4446

4447 *Pteryx* undetermined species

4448

Literature Records: none

4449

Digitized Records: Santa Cruz (27 SBMNH), Santa Rosa (24 SBMNH)

4450

4451

**Staphylinidae**

4452

4453

Notes. Twenty-five subfamilies, 306 genera, and 1349 species of Staphylinidae are known to occur in California, making it the largest family of beetles in the state (M Gimmel, unpublished data). The staphylinid subfamilies Dasycerinae, Euaesthetinae, Micropeplinae, Osoriinae, Proteininae, Scaphidiinae, Steninae, Trichophyinae, and Trigonurinae occur on nearby mainland but no Channel Islands records are known.

4458

4459

Aleocharinae

4460

4461

Notes. Nineteen tribes, 103 genera, and 360 species of this enormously diverse and poorly understood subfamily are known from California (M Gimmel, unpublished data). “Aleocharinae, genus near *Oxypoda*” was reported from Santa Barbara Island by Miller & Miller (1985: 124); the specimen is housed in SBMNH but was on loan during this study.

4465

4466

## Aleocharini

4467

4468

Notes. Three genera and 36 species of Aleocharini are known to occur in California (M Gimmel, unpublished data).

4470

4471

*Aleochara* Gravenhorst, 1802

4472

Nomenclatural Authority: Newton et al. (2000)

4473

Notes. Thirty-three species of *Aleochara* have been recorded from California, belonging to seven subgenera, *Aleochara* (*s.str.*), *Calochara* Casey, 1906, *Coprochara* Mulsant & Rey, 1874, *Echocara* Casey, 1906, *Emplenota* Casey, 1884, *Maseochara* Sharp, 1883, and *Xenochara* Mulsant & Rey, 1874 (M Gimmel, unpublished data).

4477

4478

*Aleochara* (*Coprochara*) *bimaculata* Gravenhorst, 1802

4479

Nomenclatural Authority: Klimaszewski (1984)

4480

Literature Records: San Clemente (Fall 1897: 236), Santa Catalina (Fall 1897: 236)

- 4481 Digitized Records: none  
4482 Range: Also known from mainland (Klimaszewski 1984).  
4483  
4484 *Aleochara (Coprochara) densissima* Bernhauer, 1906  
4485 Nomenclatural Authority: Klimaszewski (1984)  
4486 Literature Records: Santa Catalina (Cockerell 1940: 285; Klimaszewski 1984: 27)  
4487 Digitized Records: none  
4488 Range: Also known from mainland (Klimaszewski 1984).  
4489  
4490 *Aleochara (Coprochara) sulcicollis* Mannerheim, 1843  
4491 Nomenclatural Authority: Klimaszewski (1984)  
4492 Literature Records: San Miguel (Cockerell 1940: 285), San Nicolas (Cockerell 1940:  
4493 285), Santa Cruz (Klimaszewski 1984: 33), Santa Rosa (Fall 1897: 236)  
4494 Digitized Records: San Clemente (5 SBMNH), San Miguel (17 SBMNH), San Nicolas (5  
4495 SBMNH), Santa Catalina (4 SBMNH), Santa Cruz (40 SBMNH), Santa Rosa (2  
4496 SBMNH)  
4497 Range: Also known from mainland (Klimaszewski 1984).  
4498 Notes. This species was recorded as *Baryodma sulcicollis* by Cockerell (1940).  
4499  
4500 *Aleochara (Emplenota) curticensis* Klimaszewski, 1984  
4501 Nomenclatural Authority: Klimaszewski (1984)  
4502 Literature Records: Santa Barbara (Klimaszewski 1984: 102; Miller & Miller 1985: 124)  
4503 Digitized Records: none  
4504 Range: Also known from mainland (Klimaszewski 1984).  
4505 Notes. Misspelled by Miller & Miller (1985) as *Aleochara curtedens*.  
4506  
4507 *Aleochara (Emplenota) littoralis* (Mäklin, 1853)  
4508 Nomenclatural Authority: Klimaszewski (1984)  
4509 Literature Records: Santa Barbara (Fall 1897: 236), Santa Catalina (Fall 1897: 236;  
4510 Klimaszewski 1984: 99)  
4511 Digitized Records: none  
4512 Range: Also known from mainland (Fall 1901; Klimaszewski 1984).  
4513 Notes. Fall (1897) recorded this species as *Polistoma arenaria* Casey and Fall (1901)  
4514 recorded it as *Polystoma arenaria* from “the islands off the coast”; *P. arenaria* was  
4515 synonymized with *A. littoralis* by Klimaszewski (1984: 98).  
4516  
4517 *Aleochara (Maseochara) valida* LeConte, 1858  
4518 Nomenclatural Authority: Klimaszewski (1984)  
4519 Literature Records: Santa Catalina (Klimaszewski 1984: 107)  
4520 Digitized Records: San Clemente (5 SBMNH), San Miguel (12 SBMNH), Santa Rosa (5

- 4521 SBMNH)  
4522 Range: Also known from mainland (Klimaszewski 1984).  
4523  
4524 *Aleochara (Xenochara) fumata* Gravenhorst, 1802  
4525 Nomenclatural Authority: Klimaszewski (1984)  
4526 Literature Records: Santa Catalina (Klimaszewski 1984: 53)  
4527 Digitized Records: none  
4528 Range: Also known from mainland (Klimaszewski 1984).  
4529 Notes. This species was introduced from the Palearctic region (Klimaszewski 1984).  
4530  
4531 *Aleochara (Xenochara) lanuginosa* Gravenhorst, 1802  
4532 Nomenclatural Authority: Klimaszewski (1984)  
4533 Literature Records: Santa Rosa (Klimaszewski 1984: 50)  
4534 Digitized Records: Santa Rosa (4 SBMNH)  
4535 Range: Also known from mainland (Klimaszewski 1984).  
4536 Notes. This species was introduced from the Palearctic region (Klimaszewski 1984).  
4537  
4538 Athetini  
4539  
4540 Notes. Twenty-eight genera and 124 species of Athetini are known to occur in California  
4541 (M Gimmel, unpublished data).  
4542  
4543 *Acrotona* Thomson, 1859  
4544 Nomenclatural Authority: Newton et al. (2000)  
4545 Digitized Records (genus-only): San Nicolas (1 SBMNH), Santa Cruz (4 SBMNH)  
4546 Notes. Six species of *Acrotona* have been reported from California (M Gimmel,  
4547 unpublished data).  
4548  
4549 *Acrotona recondita* (Erichson, 1839)  
4550 Nomenclatural Authority: Klimaszewski et al. (2015)  
4551 Literature Records: Santa Catalina (Casey 1910: 136)  
4552 Digitized Records: none  
4553 Range: Also known from mainland (Casey 1910; Klimaszewski et al. 2015).  
4554 Notes. Reported by Casey (1910) as *Arisota umbrina* Casey, 1910, currently a synonym  
4555 of *Ac. recondita* (see Klimaszewski et al. 2015).  
4556  
4557 *Acrotona sonomana* (Casey, 1910)  
4558 Nomenclatural Authority: Gusarov (2003b)  
4559 Literature Records: Santa Catalina (Casey 1911: 166; Miller 1985a: 19; Gusarov 2003b:  
4560 106)

4561 Digitized Records: none  
4562 Range: Also known from mainland (Gusarov 2003b).  
4563 Notes. Reported as the “endemic” *Strigota (Eustrigota) seclusa* Casey, 1911 by Casey  
4564 (1911) and Miller (1985a). This species was synonymized with *A. sonomana* by Gusarov  
4565 (2003b).

4566  
4567 *Adota* Casey, 1910

4568 Nomenclatural Authority: Newton et al. (2000); Gusarov (2003a)  
4569 Notes. Of the three *Adota* species in North America, two have been reported from  
4570 California (Gusarov 2003a), both from seashore environments.

4571  
4572 *Adota maritima* (Mannerheim, 1843)

4573 Nomenclatural Authority: Gusarov (2003a)  
4574 Literature Records: Santa Catalina (Gusarov 2003a: 11)  
4575 Digitized Records: none  
4576 Range: Occurs along much of the west coast of North America, from southern California  
4577 to Alaska (Gusarov 2003a).

4578  
4579  
4580 *Atheta* Thomson, 1858

4581 Nomenclatural Authority: Newton et al. (2000)  
4582 Notes. Sixteen species of *Atheta* have been recorded from California (M Gimmel,  
4583 unpublished data).

4584  
4585 *Atheta hampshirensis* Bernhauer, 1909

4586 Nomenclatural Authority: Gusarov (2003b)  
4587 Literature Records: none  
4588 Digitized Records: San Nicolas (1 SBMNH)  
4589 Range: Also known from mainland (Gusarov 2003b).

4590  
4591 *Hydrosmeeta* Thomson, 1858

4592 Nomenclatural Authority: Newton et al. (2000)  
4593 Notes. As many as nine species of *Hydrosmeeta* may occur in California (MLG and  
4594 MSC, personal data), but the genus has not been recently revised. Several may not be  
4595 congeneric, and some may be synonyms (Seevers 1978).

4596  
4597 *Hydrosmeeta* undetermined species

4598 Literature Records: none  
4599 Digitized Records: Santa Cruz (20 SBMNH)

4600

- 4601 *Pontomalota* Casey, 1885  
4602 Nomenclatural Authority: Newton et al. (2000)  
4603 Notes. Two species of *Pontomalota* have been recorded from California (Ahn & Ashe  
4604 1992). The species of this genus were revised by Ahn & Ashe (1992).  
4605  
4606 *Pontomalota opaca* (LeConte, 1863)  
4607 Nomenclatural Authority: Ahn & Ashe (1992)  
4608 Literature Records: San Miguel (Ahn & Ashe 1992: 352)  
4609 Digitized Records: San Miguel (30 SBMNH), San Nicolas (6 SBMNH), Santa Rosa (7  
4610 SBMNH)  
4611 Range: Also known from mainland (Ahn & Ashe 1992).  
4612  
4613 “*Sonomota*” Casey, 1911  
4614 Nomenclatural Authority: Newton et al. (2000)  
4615 Notes. Currently this genus-group name is a synonym of *Atheta* (*Microdota*) Mulsant &  
4616 Rey, 1873, not of *Geostiba* Thomson, 1858 as listed by Newton et al. (2000) (see Gusarov 2002).  
4617 However, it is being used here to designate a distinctive group of West Coast athetines (V  
4618 Gusarov, 2022, pers. comm.).  
4619  
4620 *Sonomota* undetermined species  
4621 Literature Records: none  
4622 Digitized Records: San Clemente (7 SBMNH), Santa Cruz (7 SBMNH)  
4623  
4624 *Tarphiota* Casey, 1893  
4625 Nomenclatural Authority: Newton et al. (2000)  
4626 Notes. Two species of *Tarphiota* have been recorded from California (Ahn 1996b;  
4627 Klimaszewski, Majka & Langor 2006). The North American species were revised by Ahn  
4628 (1996b); Klimaszewski, Majka & Langor (2006) provided an update.  
4629  
4630 *Tarphiota fucicola* (Mäklin, 1852)  
4631 Nomenclatural Authority: Ahn (1996b)  
4632 Literature Records: none  
4633 Digitized Records: San Miguel (24 SBMNH), San Nicolas (5 SBMNH), Santa Cruz (29  
4634 SBMNH), Santa Rosa (16 SBMNH)  
4635 Range: Also known from mainland (Ahn 1996b).  
4636  
4637 *Tarphiota geniculata* (Mäklin, 1852)  
4638 Nomenclatural Authority: Ahn (1996b)  
4639 Literature Records: none  
4640 Digitized Records: San Clemente (9 SBMNH), San Miguel (17 SBMNH), San Nicolas (5

4641 SBMNH), Santa Catalina (10 SBMNH), Santa Cruz (30 SBMNH), Santa Rosa (13  
4642 SBMNH)

4643 Range: Also known from mainland (Ahn 1996b).

4644

4645 *Thinusa* Casey, 1893

4646 Nomenclatural Authority: Newton et al. (2000)

4647 Digitized Records: Santa Cruz (1 UCRC)

4648 Notes. Two species of *Thinusa* have been recorded from California (Ahn 1997). The  
4649 species of this genus were revised by Ahn (1997).

4650

4651 *Thinusa fletcheri* Casey, 1906

4652 Nomenclatural Authority: Ahn (1997)

4653 Literature Records: none

4654 Digitized Records: San Clemente (2 SBMNH), San Nicolas (1 SBMNH), Santa Catalina  
4655 (1 SBMNH), Santa Rosa (1 SBMNH)

4656 Range: Also known from mainland (Ahn 1997).

4657

4658 *Thinusa maritima* (Casey, 1885)

4659 Nomenclatural Authority: Ahn (1997)

4660 Literature Records: Santa Cruz (Ahn 1997: 80)

4661 Digitized Records: Santa Cruz (2 SBMNH)

4662 Range: Also known from mainland (Ahn 1997).

4663

4664 Falagriini

4665

4666 Notes. Six genera and seven species of Falagriini have been recorded from California (M  
4667 Gimmel, unpublished data). The species of Falagriini were revised for North America by  
4668 Hoebeke (1985).

4669

4670 *Falagriota* Casey, 1906

4671 Nomenclatural Authority: Newton et al. (2000)

4672 Notes. One species of *Falagriota* has been recorded from California (Hoebeke 1985).

4673

4674 *Falagriota occidua* (Casey, 1885)

4675 Nomenclatural Authority: Hoebeke (1985)

4676 Literature Records: Santa Cruz (Naughton et al. 2014: 304)

4677 Digitized Records: Santa Cruz (11 SBMNH), Santa Rosa (2 SBMNH)

4678 Range: Also known from mainland (Hoebeke 1985).

4679

4680 Homalotini

4681

4682 Notes. Nine genera and 32 species of Homalotini have been recorded from California (M  
4683 Gimmel, unpublished data).

4684

4685 *Diestota* Mulsant & Rey, 1871

4686 Nomenclatural Authority: Newton et al. (2000)

4687 Notes. Two species, *Diestota angustula* (Casey, 1906) and *Diestota spissula* (Casey,  
4688 1911), have been recorded from California (Seevers 1978, as *Apheloglossa* Casey, 1893).

4689

4690 *Diestota* undetermined species

4691 Literature Records: none

4692 Digitized Records: San Clemente (3 SBMNH), San Miguel (14 SBMNH), San Nicolas (4  
4693 SBMNH), Santa Catalina (2 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (1 SBMNH)

4694

4695 *Stictalia* Casey, 1906

4696 Nomenclatural Authority: Newton et al. (2000)

4697 Notes: The sixteen North American species of *Stictalia* are all western (Newton et al.  
4698 2000). Of these, 12 have been recorded from California, but essentially only from their original  
4699 type localities (Seevers 1978).

4700

4701 *Stictalia* undetermined species

4702 Literature Records: none

4703 Digitized Records: San Clemente (36 SBMNH), Santa Cruz (5 SBMNH), Santa Rosa (15  
4704 SBMNH)

4705

4706 Hypocyphtini

4707

4708 Notes. Three genera and five species of Hypocyphtini are known to occur in California  
4709 (M Gimmel, unpublished data).

4710

4711 *Holobus* Solier, 1849

4712 Nomenclatural Authority: Newton et al. (2000)

4713 Notes: Only one species, *Holobus oviformis* Casey, 1893, has been recorded from  
4714 California, from Los Angeles and San Diego counties. It is likely that the undetermined Santa  
4715 Catalina Island specimen below is referable to this species.

4716

4717 *Holobus* undetermined species

4718 Literature Records: none

4719 Digitized Records: Santa Catalina (1 SBMNH)

4720

- 4721 *Oligota* Mannerheim, 1830  
4722 Nomenclatural Authority: Newton et al. (2000)  
4723 Notes: Three of the ten North American species of *Oligota* have been recorded from  
4724 California (M Gimmel, unpublished data).  
4725  
4726 *Oligota* undetermined species  
4727 Literature Records: none  
4728 Digitized Records: San Nicolas (1 SBMNH), Santa Cruz (4 SBMNH), Santa Rosa (15  
4729 SBMNH)  
4730  
4731 Liparocephalini  
4732  
4733 Notes. Four genera and seven species of Liparocephalini are known to occur in California  
4734 (M Gimmel, unpublished data).  
4735  
4736 *Diaulota* Casey, 1893  
4737 Nomenclatural Authority: Newton et al. (2000)  
4738 Notes. Four species of *Diaulota* have been recorded from California (Ahn 1996a). The  
4739 species of this genus were reviewed by Ahn (1996a).  
4740  
4741 *Diaulota fulviventrifera* Moore, 1956  
4742 Nomenclatural Authority: Ahn (1996a)  
4743 Literature Records: none  
4744 Digitized Records: Santa Cruz (2 SBMNH), Santa Rosa (1 SBMNH)  
4745 Range: Also known from mainland (Ahn 1996a).  
4746  
4747 Myllaenini  
4748  
4749 Notes. Two genera and eight species of Myllaenini have been recorded from California  
4750 (M Gimmel, unpublished data).  
4751  
4752 *Bryothinusa* Casey, 1904  
4753 Nomenclatural Authority: Newton et al. (2000)  
4754 Notes. One species of *Bryothinusa* has been recorded from California (Moore & Orth  
4755 1979).  
4756  
4757 *Bryothinusa catalinae* Casey, 1904  
4758 Nomenclatural Authority: Moore & Orth (1979)  
4759 Literature Records: Santa Catalina (Casey 1904: 313; Baker 1905: 57; Moore 1956: 132)  
4760 Digitized Records: Santa Catalina (8 USNM)

4761 Range: Also known from mainland (Moore 1956; Moore & Orth 1979).  
 4762 Notes. Moore & Orth (1979) described the larva of this odd seashore species. The species  
 4763 was considered endemic to Santa Catalina Island until Moore (1956) reported on  
 4764 mainland specimens.

4765

4766 *Myllaena* Erichson, 1837

4767 Nomenclatural Authority: Newton et al. (2000)

4768 Notes. Seven species of *Myllaena* have been reported from California (Klimaszewski  
 4769 1982). At least four of these occur in coastal southern California, potentially conspecific with  
 4770 *Myllaena* from the Channel Islands. The species were revised for North America by  
 4771 Klimaszewski (1982).

4772

4773 *Myllaena* undetermined species

4774 Literature Records: none

4775 Digitized Records: San Miguel (3 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (11  
 4776 SBMNH), Santa Rosa (1 SBMNH)

4777

4778 *Oxypodini*

4779

4780 Notes. Twenty genera and 78 species of *Oxypodini* are known to occur in California (M  
 4781 Gimmel, unpublished data).

4782

4783 *Meoticina* undetermined genus and species

4784 Literature Records: none

4785 Digitized Records: Santa Cruz (8 SBMNH)

4786 Notes: Four genera of this oxypodine subtribe are known from California, *Gyronycha*  
 4787 Casey, 1893, *Alisalia* Casey, 1911, *Apimela* Mulsant & Rey, 1874, and *Bamona* Sharp,  
 4788 1883 (Newton et al. 2000), though none, yet, from the Channel Islands. This record is  
 4789 certainly referable to one of them.

4790

4791 *Blepharhymenus* Solier, 1849

4792 Nomenclatural Authority: Newton et al. (2000)

4793 Notes: Nineteen species of *Blepharhymenus* have been described from California  
 4794 (SeEVERS 1978), all in need of revision.

4795

4796 *Blepharhymenus* undetermined species

4797 Literature Records: none

4798 Digitized Records: San Clemente (2 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (10  
 4799 SBMNH)

4800

- 4801 *Oxypoda* Mannerheim, 1830  
4802 Nomenclatural Authority: Newton et al. (2000)  
4803 Notes. Twenty-eight species of *Oxypoda* have been recorded from California (M  
4804 Gimmel, unpublished data).  
4805  
4806 *Oxypoda* undetermined species  
4807 Literature Records: none  
4808 Digitized Records: Santa Catalina (4 SBMNH), Santa Cruz (10 SBMNH), Santa Rosa (15  
4809 SBMNH)  
4810  
4811 *Phloeopora* Erichson, 1837  
4812 Nomenclatural Authority: Newton et al. (2000)  
4813 Notes: Two of the eight North American species of the cosmopolitan genus *Phloeopora*  
4814 have been reported from California (Seevers 1978).  
4815  
4816 *Phloeopora* undetermined species  
4817 Literature Records: none  
4818 Digitized Records: Santa Cruz (3 SBMNH)  
4819  
4820 Tachyusini  
4821  
4822 Notes. Seven genera and 27 species of Tachyusini are known to occur in California (M  
4823 Gimmel, unpublished data).  
4824  
4825 *Gnypeta* Thomson, 1858  
4826 Nomenclatural Authority: Newton et al. (2000)  
4827 Notes: Eighteen species of this large, widespread genus have been reported from  
4828 California (Seevers 1978), but they are in need of revision.  
4829  
4830 *Gnypeta* undetermined species  
4831 Literature Records: none  
4832 Digitized Records: Santa Cruz (4 SBMNH), Santa Rosa (2 SBMNH)  
4833  
4834 Habrocerinae  
4835  
4836 Notes. The subfamily Habrocerinae, which contains one genus and species in California,  
4837 was revised by Assing & Wunderle (1995).  
4838  
4839 *Habrocerus* Erichson, 1839  
4840 Nomenclatural Authority: Herman (2001)

4841 Notes. One adventive species of *Habrocerus* occurs in California (Herman 2001).

4842

4843 *Habrocerus capillaricornis* (Gravenhorst, 1806)

4844 Nomenclatural Authority: Herman (2001)

4845 Literature Records: none

4846 Digitized Records: Santa Cruz (1 SBMNH)

4847 Range: Also known from mainland (Assing & Wunderle 1995).

4848 Notes. This species was introduced to North America from the Western Palearctic  
4849 (Assing & Wunderle 1995).

4850

4851 Leptotyphlinae

4852

4853 Notes. The subfamily Leptotyphlinae contains seven genera and 12 described species in  
4854 California (M Gimmel, unpublished data).

4855

4856 Leptotyphlinae undetermined genus and species

4857 Literature Records: none

4858 Digitized Records: Santa Cruz (2 SBMNH).

4859 Notes. The two specimen lots recorded above from SBMNH are currently housed in  
4860 ethanol tubes and collectively represent >30 specimens. A large number of undescribed  
4861 species of Leptotyphlinae are known to occur in California (V Gusarov, 2022, pers.  
4862 comm.); the Channel Island specimens are almost certainly undescribed.

4863

4864 Mycetoporinae

4865

4866 Notes. This subfamily was recently split from Tachyporinae by Yamamoto (2021). It  
4867 contains nine genera and 29 species in California (M Gimmel, unpublished data).

4868

4869 *Bryoporus* Kraatz, 1857

4870 Nomenclatural Authority: Herman (2001)

4871 Notes. One species of *Bryoporus* has been recorded from California (Campbell 1993b).  
4872 The genus was revised for North America by Campbell (1993b).

4873

4874 *Bryoporus rufescens* LeConte, 1863

4875 Nomenclatural Authority: Herman (2001)

4876 Literature Records: Santa Cruz (Naughton et al. 2014: 304)

4877 Digitized Records: San Clemente (32 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (1  
4878 SBMNH)

4879 Range: Also known from mainland (Campbell 1993b).

4880

- 4881 *Lordithon* Thomson, 1859  
4882 Nomenclatural Authority: Herman (2001)  
4883 Notes. Four species of *Lordithon* have been recorded from California (Campbell 1982).  
4884 This genus was revised for North America by Campbell (1982). Additional species are likely to  
4885 occur on the Channel Islands.  
4886  
4887 *Lordithon thoracicus* (Fabricius, 1777)  
4888 Nomenclatural Authority: Herman (2001)  
4889 Literature Records: none  
4890 Digitized Records: Santa Catalina (2 SBMNH), Santa Cruz (7 SBMNH)  
4891 Range: Also known from mainland (Campbell 1982).  
4892 Notes. The nominate subspecies, *L. t. thoracicus* (Fabricius, 1777), is the only subspecies  
4893 occurring in California (Campbell 1982). The species has a Holarctic distribution  
4894 (Campbell 1982).  
4895  
4896 *Mycetoporus* Mannerheim, 1830  
4897 Nomenclatural Authority: Herman (2001)  
4898 Notes. Six species of *Mycetoporus* have been recorded from California (Campbell 1991).  
4899 The genus was revised for North America by Campbell (1991). Additional species of  
4900 *Mycetoporus* possibly occur on the Channel Islands.  
4901  
4902 *Mycetoporus neotomae* Fall, 1910  
4903 Nomenclatural Authority: Herman (2001)  
4904 Literature Records: none  
4905 Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (5 SBMNH)  
4906 Range: Also known from mainland (Campbell 1991).  
4907  
4908 Omalinae: Omalini  
4909  
4910 Notes. Five tribes, 33 genera, and 95 species of Omalinae are known to occur in  
4911 California, with 10 genera and 22 species of Omalini known to occur in the state (Herman 2001;  
4912 M Gimmel, unpublished data).  
4913  
4914 *Omalium* Gravenhorst, 1802  
4915 Nomenclatural Authority: Herman (2001)  
4916 Notes. Eight species of *Omalium* have been recorded from California (Herman 2001).  
4917  
4918 *Omalium algarum* Casey, 1885  
4919 Nomenclatural Authority: Herman (2001)  
4920 Literature Records: none

4921 Digitized Records: San Nicolas (1 LACM)  
4922 Range: Also known from mainland (Frank & Ahn 2011).  
4923 Notes. One of the few seashore-inhabiting species of the genus, *O. algarum* occurs along  
4924 much of the West Coast of North America, from southern California to British Columbia  
4925 (Frank & Ahn 2011).

4926

4927 Oxytelinae

4928

4929 Notes. Four tribes, 13 genera, and 79 species of Oxytelinae are known to occur in  
4930 California (Herman 2001; M Gimmel, unpublished data). “Oxytelinae” was reported from Santa  
4931 Cruz Island by Straughan & Hadley (1980: 392).

4932

4933 Blediini

4934

4935 Notes. One genus and 34 species of Blediini have been recorded from California  
4936 (Herman 2001).

4937

4938 *Bledius* Leach, 1819

4939 Nomenclatural Authority: Herman (2001)

4940 Literature Records (genus-only): Santa Catalina (Straughan &amp; Hadley 1980: 392)

4941 Digitized Records (genus-only): Santa Cruz (1 SBMNH)

4942 Notes. Thirty-four species of *Bledius* have been recorded from California (Herman 2001).

4943 The species were revised in a series of papers by Herman (1972, 1976, 1983, 1986).

4944

4945 *Bledius albonotatus* Mäklin, 1853

4946 Nomenclatural Authority: Herman (2001)

4947 Literature Records: San Miguel (Herman 1983: 123), San Nicolas (Herman 1983: 123)

4948 Digitized Records: San Miguel (16 SBMNH), San Nicolas (3 SBMNH), Santa Catalina

4949 (1 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (11 SBMNH)

4950 Range: Also known from mainland (Herman 1983).

4951

4952 *Bledius fenyessi* Bernhauer & Schubert, 1911

4953 Nomenclatural Authority: Herman (2001)

4954 Literature Records: San Miguel (Herman 1976: 164), San Nicolas (Herman 1976: 164),

4955 Santa Cruz (Herman 1976: 164)

4956 Digitized Records: San Clemente (7 SBMNH), San Miguel (38 SBMNH), San Nicolas (3

4957 SBMNH), Santa Catalina (7 SBMNH), Santa Cruz (19 SBMNH), Santa Rosa (10

4958 SBMNH)

4959 Range: Also known from mainland (Herman 1976).

4960

- 4961 *Bledius opacifrons* LeConte, 1877  
4962 Nomenclatural Authority: Herman (2001)  
4963 Literature Records: none  
4964 Digitized Records: Santa Cruz (6 SBMNH), Santa Rosa (16 SBMNH)  
4965 Range: Also known from mainland (Herman 1976).  
4966
- 4967 *Bledius ruficornis* LeConte, 1863  
4968 Nomenclatural Authority: Herman (2001)  
4969 Literature Records: San Clemente (Herman 1983: 128)  
4970 Digitized Records: San Clemente (1 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (11  
4971 SBMNH)  
4972 Range: Also known from mainland (Herman 1983).  
4973
- 4974 Oxytelini  
4975
- 4976 Notes. Ten genera and 42 species of Oxytelini have been recorded from California  
4977 (Herman 2001; M Gimmel, unpublished data).  
4978
- 4979 *Aploderus* Stephens, 1833  
4980 Nomenclatural Authority: Herman (2001)  
4981 Digitized Records (genus-only): Santa Cruz (15 SBMNH), Santa Rosa (20 SBMNH)  
4982 Notes. Seven species of *Aploderus* have been recorded from California (Herman 2001).  
4983
- 4984 *Aploderus flavipennis* Casey, 1889  
4985 Nomenclatural Authority: Herman (2001)  
4986 Literature Records: Santa Catalina (Fall 1897: 237)  
4987 Digitized Records: none  
4988 Range: Also known from mainland (Herman 2001).  
4989 Notes. Reported by Fall (1897) as *Haploderus flavipennis*.  
4990
- 4991 *Apocellus* Erichson, 1839  
4992 Nomenclatural Authority: Herman (2001)  
4993 Notes. Three species of *Apocellus* have been recorded from California (Herman 2001).  
4994
- 4995 *Apocellus analis* LeConte, 1877  
4996 Nomenclatural Authority: Herman (2001)  
4997 Literature Records: Santa Catalina (Fall 1897: 237)  
4998 Digitized Records: none  
4999 Range: Also known from mainland (Herman 2001).  
5000

- 5001 *Carpelimus* Leach, 1819  
5002 Nomenclatural Authority: Herman (2001)  
5003 Notes. Thirteen species of *Carpelimus* have been recorded from California (Herman  
5004 2001).  
5005  
5006 *Carpelimus* undetermined species  
5007 Literature Records: none  
5008 Digitized Records: San Clemente (1 SBMNH), San Nicolas (3 SBMNH), Santa Catalina  
5009 (2 SBMNH), Santa Cruz (19 SBMNH), Santa Rosa (2 SBMNH)  
5010  
5011 *Platystethus* Mannerheim, 1830  
5012 Nomenclatural Authority: Herman (2001)  
5013 Notes. Two species of *Platystethus* have been recorded from California (Moore & Legner  
5014 1971). The North American species were reviewed by Moore & Legner (1971).  
5015  
5016 *Platystethus americanus* Erichson, 1840  
5017 Nomenclatural Authority: Herman (2001)  
5018 Literature Records: none  
5019 Digitized Records: Santa Rosa (3 SBMNH)  
5020 Range: Also known from mainland (Moore & Legner 1971).  
5021  
5022 *Thinobius* Kiesenwetter, 1844  
5023 Nomenclatural Authority: Herman (2001)  
5024 Notes. Six species of *Thinobius* have been recorded from California (Herman 2001).  
5025  
5026 *Thinobius* undetermined species  
5027 Literature Records: none  
5028 Digitized Records: San Nicolas (10 SBMNH), Santa Cruz (8 SBMNH), Santa Rosa (41  
5029 SBMNH)  
5030  
5031 Paederinae: Paederini  
5032  
5033 Notes. Two tribes, 19 genera, and 101 species of Paederinae are known to occur in  
5034 California, of which 17 genera and 99 species belong to Paederini (M Gimmel, unpublished  
5035 data).  
5036  
5037 *Astenus* Dejean, 1833  
5038 Nomenclatural Authority: Newton et al. (2000)  
5039 Notes. This genus contains 24 species in North America (Newton et al. 2000); four of  
5040 these have been recorded from California (M Gimmel, unpublished data).

- 5041  
5042 *Astenus* undetermined species  
5043 Literature Records: none  
5044 Digitized Records: San Clemente (1 SBMNH), Santa Cruz (2 SBMNH)  
5045  
5046 *Lobrathium* Mulsant & Rey, 1878  
5047 Nomenclatural Authority: Newton et al. (2000)  
5048 Digitized Records (genus-only): Santa Cruz (35 SBMNH)  
5049 Notes. Seven species of *Lobrathium* have been recorded from California (M Gimmel,  
5050 unpublished data).  
5051  
5052 *Lobrathium jacobinum* (LeConte, 1863)  
5053 Nomenclatural Authority: Casey (1905)  
5054 Literature Records: Santa Rosa (Fall 1897: 237)  
5055 Range: Also known from mainland (Casey 1905).  
5056 Notes. Reported by Fall (1897) as *Lathrobium jacobinum*.  
5057  
5058 *Medon* Stephens, 1833  
5059 Nomenclatural Authority: Newton et al. (2000)  
5060 Notes. Twenty-eight species of *Medon* have been recorded from California (M Gimmel,  
5061 unpublished data). Naughton et al. (2014) reported two separate, unidentified species of *Medon*  
5062 from Santa Cruz Island.  
5063  
5064 *Medon* undetermined species  
5065 Literature Records: Santa Cruz (Naughton et al. 2014: 304)  
5066 Digitized Records: San Clemente (18 SBMNH), San Miguel (3 SBMNH), Santa Catalina  
5067 (4 SBMNH), Santa Cruz (80 SBMNH), Santa Rosa (51 SBMNH)  
5068  
5069 *Orus* Casey, 1884  
5070 Nomenclatural Authority: Newton et al. (2000)  
5071 Notes. Twelve species of *Orus* have been recorded from California (Herman 1964, 1965;  
5072 Moore & Legner 1972). The species of this genus were revised by Herman (1964, 1965), with a  
5073 modification by Moore & Legner (1972).  
5074  
5075 *Orus* undetermined species  
5076 Literature Records: none  
5077 Digitized Records: Santa Cruz (1 SBMNH)  
5078 Notes. The one SBMNH specimen from Santa Cruz Island cited above appears to be a  
5079 female, and therefore not determinable to species using the keys of Herman (1964, 1965).  
5080

- 5081 *Sunius* Stephens, 1829  
5082 Nomenclatural Authority: Newton et al. (2000)  
5083 Literature Records (genus-only): Santa Barbara (Miller & Miller 1985: 124), Santa  
5084 Catalina (Fall 1897: 237)  
5085 Notes. Fourteen species of *Sunius* have been recorded from California (M Gimmel,  
5086 unpublished data). Reported by Fall (1897) as “*Caloderma* sp.”, presumably a species different  
5087 from *S. mobilis* or *S. reductus*, which were reported in the same publication. The species reported  
5088 by Miller & Miller (1985) was said to be near *Sunius cuneicollis* (Casey, 1886); they noted that  
5089 the genus needed revision.  
5090  
5091 *Sunius mobilis* (Casey, 1886)  
5092 Nomenclatural Authority: Casey (1905), Newton et al. (2000)  
5093 Literature Records: Santa Catalina (Fall 1897: 237)  
5094 Digitized Records: none  
5095 Range: Also known from mainland (Casey 1905).  
5096 Notes. Reported by Fall (1897) as *Caloderma mobile*.  
5097  
5098 *Sunius reductus* (Casey, 1886)  
5099 Nomenclatural Authority: Casey (1905), Newton et al. (2000)  
5100 Literature Records: Santa Catalina (Fall 1897: 237)  
5101 Digitized Records: none  
5102 Range: Also known from mainland (Casey 1905).  
5103 Notes. Reported by Fall (1897) as *Caloderma reductum*.  
5104  
5105 Pselaphinae  
5106  
5107 Notes. Twelve tribes, 35 genera, and 255 species of Pselaphinae are known to occur in  
5108 California (Chandler 1997; M Gimmel, unpublished data).  
5109  
5110 Euplectini  
5111  
5112 Notes. Eleven genera and 58 species of Euplectini have been recorded from California  
5113 (Chandler 1997; M Gimmel, unpublished data).  
5114  
5115 *Actium* Casey, 1886  
5116 Nomenclatural Authority: Chandler (1997)  
5117 Notes. Twenty-eight species of *Actium* have been recorded from California (Chandler  
5118 1997; Caterino & Chandler 2010). The genus was revised by Grigarick & Schuster (1971), with  
5119 an addition by Caterino & Chandler (2010).  
5120

- 5121 *Actium californicum* (LeConte, 1878)  
5122 Nomenclatural Authority: Grigarick & Schuster (1971)  
5123 Literature Records: Santa Cruz (Grigarick & Schuster 1971: 26; Caterino & Chandler  
5124 2010: 191)  
5125 Digitized Records: none  
5126 Range: Also known from mainland (Grigarick & Schuster 1971).  
5127 Notes. Grigarick & Schuster (1971) reported that most specimens of this species  
5128 collected on Santa Cruz Island were taken by stripping bark of fallen *Quercus agrifolia*  
5129 Née (Fagaceae) lying close to small, intermittent streams during the spring.  
5130  
5131 *Actium vestigialis* Caterino & Chandler, 2010  
5132 Nomenclatural Authority: Caterino & Chandler (2010)  
5133 Literature Records: Santa Catalina (Caterino & Chandler 2010: 188)  
5134 Digitized Records: Santa Catalina (5 SBMNH)  
5135 Range: Endemic (Caterino & Chandler 2010).  
5136  
5137 Faronini  
5138  
5139 Notes. Two genera and 34 species of Faronini have been recorded from California (M  
5140 Gimmel, unpublished data).  
5141  
5142 *Sonoma* Casey, 1886  
5143 Nomenclatural Authority: Chandler (1997)  
5144 Literature Records (genus-only): San Clemente (Caterino & Chandler 2010: 191), Santa  
5145 Catalina (Caterino & Chandler 2010: 191), Santa Cruz (Caterino & Chandler 2010: 191)  
5146 Digitized Records (genus-only): San Clemente (27 SBMNH), Santa Catalina (6  
5147 SBMNH), Santa Cruz (1 SBMNH)  
5148 Notes. Twenty-eight species of *Sonoma* have been recorded from California (Ferro  
5149 2016). The genus was revised for western North America by Ferro (2016). Caterino & Chandler  
5150 (2010) reported occurrence of this genus in leaf litter on San Clemente, Santa Catalina, and Santa  
5151 Cruz islands. The records of the former two, and perhaps all three, islands presumably refer to *S.*  
5152 *isabellae*.  
5153  
5154 *Sonoma isabellae* (LeConte, 1851)  
5155 Nomenclatural Authority: Ferro (2016)  
5156 Literature Records: San Clemente (Ferro 2016: 49), Santa Catalina (Ferro 2016: 49)  
5157 Digitized Records: San Clemente (7 SBMNH), Santa Catalina (5 SBMNH)  
5158 Range: Also known from mainland (Ferro 2016).  
5159  
5160 Trogastrini

5161

5162 Notes. Three genera and 37 species of Trogastrini have been recorded from California  
5163 (Chandler 1997; M Gimmel, unpublished data).

5164

5165 *Oropus* Casey, 1886

5166 Nomenclatural Authority: Chandler (1997)

5167 Notes. Twenty-seven species of *Oropus* have been recorded from California (Chandler  
5168 1997). The genus was revised by Schuster & Grigarick (1960).

5169

5170 *Oropus* undetermined species

5171 Literature Records: Santa Catalina (Caterino & Chandler 2010: 191), Santa Cruz  
5172 (Caterino & Chandler 2010: 191)

5173 Digitized Records: Santa Cruz (2 SBMNH)

5174 Notes. Caterino & Chandler (2010) reported occurrence of the genus *Oropus* in leaf litter  
5175 on Santa Catalina and Santa Cruz islands.

5176

5177 Tychini

5178

5179 Notes. Two genera and 22 species of Tychini have been recorded from California  
5180 (Chandler 1997; M Gimmel, unpublished data).

5181

5182 *Hesperotychus* Schuster & Marsh, 1958

5183 Nomenclatural Authority: Chandler (1997)

5184 Notes. Thirteen species of *Hesperotychus* have been recorded from California (M  
5185 Gimmel, unpublished data). The species were revised by Schuster & Marsh (1958).

5186

5187 *Hesperotychus* undetermined species

5188 Literature Records: Santa Catalina (Caterino & Chandler 2010: 191)

5189 Digitized Records: Santa Catalina (1 SBMNH)

5190 Notes. Caterino & Chandler (2010) reported occurrence of this genus in leaf litter on  
5191 Santa Catalina Island.

5192

5193 Pseudopsinae

5194

5195 Notes. This subfamily is represented by four genera and eight species in California  
5196 (Herman 2001). So far only *Pseudopsis* has been identified from the Channel Islands, though  
5197 *Nanobius serricollis* (LeConte, 1875), which occurs in the southern California coast ranges  
5198 (Herman 1977), may also occur there.

5199

5200 *Pseudopsis* Newman, 1834

5201 Nomenclatural Authority: Herman (2001)  
 5202 Literature Records (genus-only): Santa Catalina (Fall 1897: 237)  
 5203 Notes. Four species of *Pseudopsis* have been recorded from California (Herman 2001).  
 5204 Fall (1897: 237) reported an undetermined species of this genus from Santa Catalina Island. This  
 5205 may not represent *P. minuta*, as he later (Fall 1901: 227) described that species only from “the  
 5206 cañons of the southern Sierras”. This could represent either an undescribed species or the later-  
 5207 described *P. montoraria* Herman, 1975, which occurs in the coastal mountain ranges of southern  
 5208 California and has not yet been identified from the Channel Islands. Herman (1975) revised the  
 5209 genus.

5210

5211 *Pseudopsis minuta* Fall, 1901

5212 Nomenclatural Authority: Herman (1975, 2001)

5213 Literature Records: Santa Cruz (Naughton et al. 2014: 304)

5214 Digitized Records: Santa Cruz (15 SBMNH)

5215 Range: Also known from mainland (Herman 1975).

5216 Notes. Naughton et al. (2014: 304) identified a single specimen only to “*Pseudopsis* sp.”.5217 The voucher in SBMNH was examined and this represents *P. minuta*.

5218

5219

#### Scydmaeninae

5220

5221 Notes. Five tribes, 13 genera, and 57 species of Scydmaeninae are known to occur in  
 5222 California (M Gimmel, unpublished data).

5223

5224

#### Cephenniini

5225

5226 Notes. Two genera and nine species of Cephenniini are known to occur in California  
 5227 (Hopp & Caterino 2009; M Gimmel, unpublished data).

5228

5229

#### *Cephennium* Müller & Kunze, 1822

5230 Nomenclatural Authority: O’Keefe (2000)

5231 Notes. Eight species of *Cephennium* have been recorded from California (Hopp &  
 5232 Caterino 2009). The Californian species were revised by Hopp & Caterino (2009).

5233

5234 *Cephennium urbanum* Hopp & Caterino, 2009

5235 Nomenclatural Authority: Hopp &amp; Caterino (2009)

5236 Literature Records: Santa Catalina (Caterino &amp; Chandler 2010: 191)

5237 Digitized Records: Santa Catalina (9 SBMNH)

5238 Range: Also known from mainland (Hopp &amp; Caterino 2009).

5239 Notes. Only the genus *Cephennium* was reported from Santa Catalina Island by Caterino  
 5240 & Chandler (2010); that report presumably referred to this species.

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Glandulariini

Notes. Seven genera and 41 species of Glandulariini have been recorded from California (M Gimmel, unpublished data).

*Brachycephalus* Brendel, 1889

Nomenclatural Authority: O'Keefe (2000)

Notes. Two species of *Brachycephalus* have been recorded from California (M Gimmel, unpublished data). Species of this genus are currently unidentifiable, as there are several undescribed species and the last treatment is over 120 years old (see O'Keefe 2000).

*Brachycephalus* undetermined species

Literature Records: Santa Catalina (Caterino & Chandler 2010: 191), Santa Cruz (Naughton et al. 2014: 304)

Digitized Records: Santa Cruz (4 SBMNH), Santa Rosa (4 SBMNH)

*Euconnus* Thomson, 1862

Nomenclatural Authority: O'Keefe (2000)

Notes. Seven species of *Euconnus* have been recorded from California, belonging to two subgenera, *Drastophus* Casey, 1897 and *Napochus* Thomson, 1862 (M Gimmel, unpublished data).

*Euconnus* undetermined species

Literature Records: none

Digitized Records: San Clemente (1 SBMNH), Santa Catalina (3 SBMNH), Santa Rosa (24 SBMNH)

Notes. All members of *Euconnus* observed from the Channel Islands belong to the subgenus *Drastophus*. Based on morphology, there are at least two species represented among this material, and probably more.

*Stenichnus* Thomson, 1859

Nomenclatural Authority: O'Keefe (2000)

Notes. There are several described species of this genus in North America, and the latest treatment is over 120 years old (see O'Keefe 2000). Undescribed species probably exist.

*Stenichnus* undetermined species

Literature Records: Santa Catalina (Caterino & Chandler 2010: 191)

Digitized Records: Santa Catalina (3 SBMNH)

5281 Silphinae

5282

5283 Notes. Long known as the family Silphidae, this group was recently made a subfamily of  
 5284 Staphylinidae (Cai et al. 2022). There are two tribes, four genera, and nine species of Silphinae  
 5285 recorded from California (Miller & Peck 1979; Peck & Miller 1993). Miller & Peck (1979)  
 5286 provided a guide to the group for California, while Peck & Miller (1993) provided a catalog for  
 5287 North America. Members of this family have been extensively surveyed and investigated for the  
 5288 Channel Islands, and it is doubtful that additional species will be discovered there.

5289

5290

## Nicrophorini

5291

5292 Notes. One genus and four species of Nicrophorini have been recorded from California  
 5293 (Peck & Miller 1993).

5294

5295

*Nicrophorus* Fabricius, 1775

5296 Nomenclatural Authority: Sikes, Madge & Newton (2002)

5297 Digitized Records (genus-only): Santa Cruz (2 EMEC)

5298 Notes. Four species of *Nicrophorus* have been recorded from California (Peck & Miller  
 5299 1993).

5300

5301 *Nicrophorus guttula* Motschulsky, 1845

5302 Nomenclatural Authority: Sikes, Madge & Newton (2002)

5303 Literature Records: San Clemente (Fall 1897: 236; Fall 1901: 58; Miller & Peck 1979:  
 5304 97; Anderson & Peck 1986: 296; Peck & Kaulbars 1988: 72 [map])

5305 Digitized Records: San Clemente (1 LACM), Santa Catalina (2 LACM), Santa Rosa (2  
 5306 SBMNH)

5307 Range: Also known from mainland (Fall 1901; Miller & Peck 1979; Anderson & Peck  
 5308 1986; Peck & Kaulbars 1988; Peck & Miller 1993; Sikes, Madge & Newton 2002).

5309

5310 *Nicrophorus marginatus* Fabricius, 1801

5311 Nomenclatural Authority: Sikes, Madge & Newton (2002)

5312 Literature Records: none

5313 Digitized Records: San Miguel (1 LACM)

5314 Range: Also known from mainland (Fall 1901; Miller & Peck 1979; Anderson & Peck  
 5315 1986; Peck & Kaulbars 1988; Peck & Miller 1993; Sikes, Madge & Newton 2002).

5316 Notes. While this is the most widespread species of *Nicrophorus* in North America, only  
 5317 one specimen has been reported from the Channel Islands, collected in 1985.

5318

5319 *Nicrophorus nigrita* Mannerheim, 1843

5320 Nomenclatural Authority: Sikes, Madge & Newton (2002)

5321 Literature Records: Anacapa (Miller & Peck 1979: 96; Miller & Miller 1985: 124), San  
 5322 Clemente (Fall 1897: 236; Miller & Peck 1979: 96; Miller & Miller 1985: 124; Peck &  
 5323 Kaulbars 1988: 69 [map]), Santa Barbara (Miller & Peck 1979: 96; Anderson 1982: 262;  
 5324 Miller & Miller 1985: 124), Santa Catalina (Miller & Miller 1985: 124), Santa Cruz  
 5325 (Miller & Peck 1979: 96; Miller & Miller 1985: 124; Peck & Kaulbars 1988: 69 [map]),  
 5326 Santa Rosa (Fall 1897: 236; Miller & Miller 1985: 124; Sikes, Madge & Newton 2002:  
 5327 139)  
 5328 Digitized Records: Santa Catalina (1 DMNS; 6 LACM; 1 SBMNH), Santa Cruz (4  
 5329 LACM; 15 SBMNH), Santa Rosa (2 SBMNH)  
 5330 Range: Also known from mainland (Fall 1901; Miller & Peck 1979; Peck & Kaulbars  
 5331 1988; Peck & Miller 1993; Sikes, Madge & Newton 2002).  
 5332 Notes. Fall (1901) recorded this species as *Necrophorus pustulatus* var. *nigritus*, and  
 5333 reported it from “both islands” (presumably San Clemente and Santa Rosa). Miller &  
 5334 Miller (1985) recorded it “under dead mice and at lanterns” on Santa Barbara Island.

5335

5336 Silphini

5337

5338 Notes. Three genera and five species of Silphini have been recorded from California  
 5339 (Miller & Peck 1979; Peck & Miller 1993).

5340

5341 *Heterosilpha* Portevin, 1926

5342 Nomenclatural Authority: Peck &amp; Miller (1993)

5343 Notes. Two species of *Heterosilpha* have been recorded from California (Peck & Miller  
 5344 1993).

5345

5346 *Heterosilpha ramosa* (Say, 1823)

5347 Nomenclatural Authority: Peck &amp; Miller (1993)

5348 Literature Records: San Miguel (Miller & Peck 1979: 93), Santa Cruz (Fall & Davis  
 5349 1934: 144; Miller & Peck 1979: 93; Peck & Kaulbars 1988: 57 [map]), Santa Rosa (Fall  
 5350 1897: 236; Miller & Peck 1979: 93)

5351 Digitized Records: San Clemente (1 UCRC), Santa Cruz (2 LACM; 11 SBMNH; 23

5352 TAMU; 2 UCRC), Santa Rosa (24 LACM; 11 SBMNH)

5353 Range: Also known from mainland (Miller & Peck 1979; Peck & Kaulbars 1988; Peck &  
 5354 Miller 1993).

5355 Notes. Fall (1897) and Fall & Davis (1934) recorded this species as *Silpha ramosa*.

5356

5357 *Thanatophilus* Leach, 1815

5358 Nomenclatural Authority: Peck &amp; Miller (1993)

5359 Notes. Two species of *Thanatophilus* have been recorded from California (Miller & Peck  
 5360 1979).

5361

5362 *Thanatophilus lapponicus* (Herbst, 1793)

5363 Nomenclatural Authority: Peck &amp; Miller (1993)

5364 Literature Records: Santa Rosa (Fall 1897: 236)

5365 Digitized Records: none

5366 Range: Also known from mainland (Miller & Peck 1979; Peck & Kaulbars 1988; Peck &  
5367 Miller 1993).5368 Notes. Fall (1897) recorded this species as *Silpha lapponica*. Miller & Peck (1979: 91)

5369 stated that they had not seen Channel Island specimens of this species, and speculated

5370 that Fall's specimens may have been destroyed in the 1906 San Francisco fire.

5371

5372

Staphylininae

5373

5374 Notes. Three tribes, 35 genera, and 232 species of Staphylininae are known to occur in  
5375 California (Herman 2001; M Gimmel, unpublished data).

5376

5377

## Staphylinini: Amblyopinina

5378

5379 Notes. Seven subtribes, 20 genera, and 171 species of Staphylinini are known to occur in

5380 California, of which one genus and 10 species belong to Amblyopinina (Herman 2001; M

5381 Gimmel, unpublished data).

5382

5383

*Heterothops* Stephens, 1829

5384 Nomenclatural Authority: Herman (2001)

5385 Digitized Records (genus-only): Santa Catalina (1 SBMNH), Santa Cruz (1 SBMNH),

5386 Santa Rosa (19 SBMNH)

5387 Notes. Ten species of *Heterothops* have been recorded from California (Herman 2001).

5388 The species were revised for North America by Smetana (1971).

5389

5390 *Heterothops conformis* Smetana, 1971

5391 Nomenclatural Authority: Herman (2001)

5392 Literature Records: Santa Cruz (Naughton et al. 2014: 304)

5393 Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (43 SBMNH), Santa Rosa (2  
5394 SBMNH)

5395 Range: Also known from mainland (Smetana 1971).

5396

5397 *Heterothops fuscus* LeConte, 1863

5398 Nomenclatural Authority: Herman (2001)

5399 Literature Records: Santa Catalina (Fall 1897: 236)

5400

Digitized Records: none

- 5401 Range: Also known from mainland (Smetana 1971).  
5402 Notes. This species was recorded by Fall (1897) as *Heterothops californicus* LeConte,  
5403 1863, now considered a synonym of *H. californicus* (see Smetana 1971: 26).  
5404  
5405 Staphylinini: Erichsoniina  
5406  
5407 Notes. One genus and two species of Erichsoniina have been recorded from California  
5408 (Herman 2001).  
5409  
5410 *Erichsonius* Fauvel, 1874  
5411 Nomenclatural Authority: Herman (2001)  
5412 Notes. Two species of *Erichsonius* have been recorded from California (Herman 2001).  
5413 The species were revised for the New World by Frank (1975).  
5414  
5415 *Erichsonius puncticeps* (Horn, 1884)  
5416 Nomenclatural Authority: Herman (2001)  
5417 Literature Records: Santa Catalina (Fall 1897: 236)  
5418 Digitized Records: San Miguel (1 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (9  
5419 SBMNH)  
5420 Range: Also known from mainland (Frank 1975).  
5421 Notes. Fall (1897) recorded this species as *Actobius puncticeps*.  
5422  
5423 Staphylinini: Philonthina  
5424  
5425 Notes. Six genera and 100 species of Philonthina are known to occur in California  
5426 (Herman 2001; M Gimmel, unpublished data).  
5427  
5428 *Belonuchus* Nordmann, 1837  
5429 Nomenclatural Authority: Herman (2001)  
5430 Notes. Three species of *Belonuchus* have been recorded from California (Herman 2001).  
5431 The species were revised for North America by Smetana (1995).  
5432  
5433 *Belonuchus ephippiatus* (Say, 1830)  
5434 Nomenclatural Authority: Herman (2001)  
5435 Literature Records: none  
5436 Digitized Records: San Miguel (2 SBMNH), Santa Catalina (3 SBMNH)  
5437 Range: Also known from mainland (Smetana 1995).  
5438  
5439 *Bisnius* Stephens, 1829  
5440 Nomenclatural Authority: Herman (2001)

- 5441 Notes. Thirteen species of *Bisnius* have been recorded from California (Herman 2001).  
5442 The species were revised for North America by Smetana (1995).  
5443  
5444 *Bisnius albionicus* (Mannerheim, 1843)  
5445 Nomenclatural Authority: Herman (2001)  
5446 Literature Records: none  
5447 Digitized Records: San Miguel (7 SBMNH), Santa Rosa (1 SBMNH)  
5448 Range: Also known from mainland (Smetana 1995).  
5449  
5450 *Bisnius sordidus* (Gravenhorst, 1802)  
5451 Nomenclatural Authority: Herman (2001)  
5452 Literature Records: none  
5453 Digitized Records: San Nicolas (1 SBMNH), Santa Rosa (1 SBMNH)  
5454 Range: Also known from mainland (Smetana 1995).  
5455 Notes. The distribution map in Smetana (1995: 526) shows a record from either San  
5456 Miguel or Santa Rosa. This species was introduced to North America from the Palearctic  
5457 realm (Smetana 1995).  
5458  
5459 *Cafius* Curtis, 1829  
5460 Nomenclatural Authority: Herman (2001)  
5461 Notes. Eight species of *Cafius* have been recorded from California (Herman 2001). The  
5462 species were revised for the west coast of North America by Orth & Moore (1980).  
5463  
5464 *Cafius canescens* (Mäklin, 1852)  
5465 Nomenclatural Authority: Herman (2001)  
5466 Literature Records: San Nicolas (Fall 1897: 236; Cockerell 1940: 285), Santa Catalina  
5467 (Orth & Moore 1980: 186)  
5468 Digitized Records: San Miguel (34 LACM; 46 SBMNH), San Nicolas (76 LACM; 2  
5469 SBMNH), Santa Cruz (7 SBMNH), Santa Rosa (7 LACM; 15 SBMNH; 2 UTCI)  
5470 Range: Also known from mainland (Orth & Moore 1980).  
5471  
5472 *Cafius lithocharinus* (LeConte, 1863)  
5473 Nomenclatural Authority: Herman (2001)  
5474 Literature Records: San Nicolas (Straughan & Hadley 1980: 392), Santa Rosa (Fall 1897:  
5475 236)  
5476 Digitized Records: San Clemente (9 SBMNH), San Miguel (1 SBMNH), San Nicolas (5  
5477 SBMNH), Santa Catalina (3 SBMNH), Santa Cruz (4 SBMNH), Santa Rosa (47  
5478 SBMNH)  
5479 Range: Also known from mainland (Orth & Moore 1980).  
5480

- 5481 *Cafius luteipennis* Horn, 1884  
5482 Nomenclatural Authority: Herman (2001)  
5483 Literature Records: Santa Catalina (Orth & Moore 1980: 192), Santa Rosa (Fall 1897:  
5484 236)  
5485 Digitized Records: San Clemente (7 SBMNH), San Miguel (6 SBMNH), San Nicolas (5  
5486 SBMNH), Santa Catalina (5 SBMNH), Santa Cruz (14 SBMNH), Santa Rosa (11  
5487 SBMNH)  
5488 Range: Also known from mainland (Orth & Moore 1980).  
5489
- 5490 *Cafius opacus* (LeConte, 1863)  
5491 Nomenclatural Authority: Herman (2001)  
5492 Literature Records: Santa Catalina (Fall 1897: 237)  
5493 Digitized Records: none  
5494 Range: Also known from mainland (Orth & Moore 1980).  
5495
- 5496 *Cafius seminitens* Horn, 1884  
5497 Nomenclatural Authority: Herman (2001)  
5498 Literature Records: San Miguel (Cockerell 1940: 285; Orth & Moore 1980: 185), San  
5499 Nicolas (Cockerell 1940: 285)  
5500 Digitized Records: San Clemente (6 SBMNH), San Miguel (10 LACM; 21 SBMNH),  
5501 San Nicolas (64 LACM; 9 SBMNH), Santa Cruz (1 LACM; 3 SBMNH), Santa Rosa (7  
5502 LACM; 12 SBMNH; 2 UTCI)  
5503 Range: Also known from mainland (Orth & Moore 1980).  
5504
- 5505 *Cafius sulcicollis* (LeConte, 1863)  
5506 Nomenclatural Authority: Herman (2001)  
5507 Literature Records: Santa Cruz (Orth & Moore 1980: 195), Santa Rosa (Fall 1897: 237)  
5508 Digitized Records: San Clemente (2 SBMNH), Santa Rosa (6 SBMNH)  
5509 Range: Also known from mainland (Orth & Moore 1980).  
5510
- 5511 *Gabrius* Stephens, 1829  
5512 Nomenclatural Authority: Herman (2001)  
5513 Digitized Records (genus-only): San Nicolas (1 SBMNH), Santa Cruz (1 SBMNH)  
5514 Notes. Sixteen species of *Gabrius* have been recorded from California (Herman 2001).  
5515 The genus was revised for North America by Smetana (1995).  
5516
- 5517 *Gabrius nigrutilus* (Gravenhorst, 1802)  
5518 Nomenclatural Authority: Herman (2001)  
5519 Literature Records: Santa Catalina (Fall 1897: 236)  
5520 Digitized Records: San Nicolas (4 SBMNH)

- 5521 Range: Also known from mainland (Smetana 1995).
- 5522 Notes. This species was recorded as *Philonthus nigrutilus* by Fall (1897). It was
- 5523 introduced to North America from the western Palearctic realm (Smetana 1995).
- 5524
- 5525 *Neobisnius* Ganglbauer, 1895
- 5526 Nomenclatural Authority: Herman (2001)
- 5527 Notes. Eight species of *Neobisnius* have been recorded from California (Herman 2001).
- 5528 The species were revised for the New World by Frank (1981).
- 5529
- 5530 *Neobisnius occidentoides* Frank, 1981
- 5531 Nomenclatural Authority: Herman (2001)
- 5532 Literature Records: San Clemente (Frank 1981: 49)
- 5533 Digitized Records: San Clemente (7 SBMNH; 4 UTIC), Santa Catalina (2 SBMNH),
- 5534 Santa Cruz (1 SBMNH), Santa Rosa (1 SBMNH)
- 5535 Range: Also known from mainland (Frank 1981).
- 5536
- 5537 *Neobisnius sobrinus* (Erichson, 1840)
- 5538 Nomenclatural Authority: Herman (2001)
- 5539 Literature Records: none
- 5540 Digitized Records: Santa Rosa (1 SBMNH)
- 5541 Range: Also known from mainland (Frank 1981).
- 5542
- 5543 *Neobisnius terminalis* (LeConte, 1863)
- 5544 Nomenclatural Authority: Herman (2001)
- 5545 Literature Records: none
- 5546 Digitized Records: Santa Cruz (3 SBMNH)
- 5547 Range: Also known from mainland (Frank 1981).
- 5548
- 5549 *Philonthus* Stephens, 1829
- 5550 Nomenclatural Authority: Herman (2001)
- 5551 Notes. Fifty-two species of *Philonthus* have been recorded from California (M Gimmel,
- 5552 unpublished data). The species were revised for North America by Smetana (1995).
- 5553
- 5554 *Philonthus cruentatus* (Gmelin, 1790)
- 5555 Nomenclatural Authority: Herman (2001)
- 5556 Literature Records: Santa Catalina (Cockerell 1940: 285)
- 5557 Digitized Records: Santa Barbara (1 LACM), Santa Catalina (1 SBMNH), Santa Cruz (1
- 5558 SBMNH), Santa Rosa (26 LACM; 1 SBMNH)
- 5559 Range: Also known from mainland (Smetana 1995).

- 5560 Notes. Species introduced from the Palearctic (Smetana 1995). Cockerell (1940) recorded  
5561 it as "*Philonthus cruentus*".  
5562  
5563 *Philonthus davus* Smetana, 1995  
5564 Nomenclatural Authority: Herman (2001)  
5565 Literature Records: none  
5566 Digitized Records: Santa Cruz (3 SBMNH), Santa Rosa (3 SBMNH)  
5567 Range: Also known from mainland (Smetana 1995).  
5568  
5569 *Philonthus flavolimbatus* Erichson, 1840  
5570 Nomenclatural Authority: Herman (2001)  
5571 Literature Records: none  
5572 Digitized Records: Santa Catalina (1 SBMNH)  
5573 Range: Also known from mainland (Smetana 1995).  
5574  
5575 *Philonthus hepaticus* Erichson, 1840  
5576 Nomenclatural Authority: Herman (2001)  
5577 Literature Records: none  
5578 Digitized Records: Santa Catalina (2 SBMNH)  
5579 Range: Also known from mainland (Smetana 1995).  
5580  
5581 *Philonthus lecontei* Horn, 1884  
5582 Nomenclatural Authority: Herman (2001)  
5583 Literature Records: Santa Rosa (Fall 1897: 236)  
5584 Digitized Records: none  
5585 Range: Also known from mainland (Smetana 1995).  
5586  
5587 *Philonthus longicornis* Stephens, 1832  
5588 Nomenclatural Authority: Herman (2001)  
5589 Literature Records: Santa Catalina (Fall 1897: 236)  
5590 Digitized Records: none  
5591 Range: Also known from mainland (Smetana 1995).  
5592 Notes. This species was introduced from the Palearctic region (Smetana 1995).  
5593  
5594 *Philonthus quadrulus* Horn, 1884  
5595 Nomenclatural Authority: Herman (2001)  
5596 Literature Records: none  
5597 Digitized Records: Santa Cruz (10 SBMNH)  
5598 Range: Also known from mainland (Smetana 1995).  
5599

5600 *Philonthus triangulum* Horn, 1884

5601 Nomenclatural Authority: Herman (2001)

5602 Literature Records: Santa Catalina (Smetana 1995: 340)

5603 Digitized Records: none

5604 Range: Also known from mainland (Smetana 1995).

5605

5606 Staphylinini: Quediina

5607

5608 Notes. Two genera and 40 species of Quediina have been recorded from California

5609 (Herman 2001; M Gimmel, unpublished data).

5610

5611 *Quedius* Stephens, 1829

5612 Nomenclatural Authority: Herman (2001)

5613 Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 304)

5614 Digitized Records (genus-only): Santa Cruz (1 SBMNH)

5615 Notes. Thirty-nine species of *Quedius* have been recorded from California, belonging to

5616 five subgenera, *Distichalius* Casey, 1915, *Microsaurus* Dejean, 1833, *Paraquedius* Casey, 1915,

5617 *Quedius* (*s.str.*), and *Raphirus* Stephens, 1829 (M Gimmel, unpublished data). The species were

5618 revised for North America by Smetana (1971). One of the two voucher specimens (SBMNH,

5619 June specimen) of the “*Quedius* sp.” from the Naughton et al. (2014) study was examined by

5620 MLG; this specimen represents the digitized genus-only record above. It is a female of either *Q.*

5621 *limbifer* or *Q. (Microsaurus) pallax* Smetana, 1971.

5622

5623 *Quedius (Microsaurus) limbifer* Horn, 1878

5624 Nomenclatural Authority: Smetana (1971); Herman (2001)

5625 Literature Records: Santa Cruz (Smetana 1971: 113)

5626 Digitized Records: Santa Cruz (10 SBMNH), Santa Rosa (1 SBMNH)

5627 Range: Also known from mainland (Smetana 1971).

5628

5629 Staphylinini: Staphylinina

5630

5631 Notes. Eight genera and 14 species of Staphylinina are known to occur in California

5632 (Herman 2001; M Gimmel, unpublished data).

5633

5634 *Creophilus* Leach, 1819

5635 Nomenclatural Authority: Herman (2001)

5636 Notes. One species of *Creophilus* has been recorded from California (Herman 2001). The

5637 species were revised for the world by Clarke (2011).

5638

5639 *Creophilus maxillosus* (Linnaeus, 1758)

5640 Nomenclatural Authority: Clarke (2011)  
5641 Literature Records: San Clemente (Fall 1897: 236; Fall 1901: 68), Santa Catalina (Fall  
5642 1897: 236)  
5643 Digitized Records: San Clemente (1 LACM; 1 SBMNH), Santa Cruz (8 SBMNH), Santa  
5644 Rosa (1 LACM; 6 SBMNH)  
5645 Range: Also known from mainland (Fall 1901; Clarke 2011).  
5646 Notes. This species was recorded as *C. villosus* by Fall (1897, 1901). *Creophilus m.*  
5647 *villosus* (Gravenhorst, 1802) is the only subspecies of *C. maxillosus* (Linnaeus, 1758)  
5648 over most of North America (Clarke 2011); this is the subspecies occurring in the islands.  
5649 The distribution map in Clarke (2011: 765) shows records in the Channel Islands, but  
5650 these are not listed.

5651  
5652 *Hadrotus* Mäklin, 1852

5653 Nomenclatural Authority: Herman (2001)  
5654 Notes. One species of *Hadrotus* has been recorded from California (Herman 2001).

5655  
5656 *Hadrotus crassus* (Mannerheim, 1846)  
5657 Nomenclatural Authority: Herman (2001)  
5658 Literature Records: San Clemente (Caterino, Chatzimanolis & Richmond 2015: 278), San  
5659 Nicolas (Cockerell 1940: 285; Caterino, Chatzimanolis & Richmond 2015: 278), Santa  
5660 Catalina (Caterino, Chatzimanolis & Richmond 2015: 278), Santa Cruz (Caterino,  
5661 Chatzimanolis & Richmond 2015: 278), Santa Rosa (Fall 1897: 236; Caterino,  
5662 Chatzimanolis & Richmond 2015: 278)  
5663 Digitized Records: Anacapa (1 SBMNH), San Clemente (11 SBMNH), San Miguel (1  
5664 LACM; 8 SBMNH), San Nicolas (13 SBMNH), Santa Catalina (12 SBMNH), Santa  
5665 Cruz (13 SBMNH), Santa Rosa (11 SBMNH; 2 UTCI)  
5666 Range: Also known from mainland (Caterino, Chatzimanolis & Richmond 2015).

5667  
5668 *Tasgius* Stephens, 1829

5669 Nomenclatural Authority: Herman (2001)  
5670 Notes. Two adventive species of *Tasgius* have been recorded from California (Miller &  
5671 Miller 1985; Herman 2001).

5672  
5673 *Tasgius ater* (Gravenhorst, 1802)  
5674 Nomenclatural Authority: Herman (2001)  
5675 Literature Records: San Miguel (Miller & Miller 1985: 124), Santa Barbara (Miller &  
5676 Miller 1985: 124)  
5677 Digitized Records: San Miguel (2 SBMNH), San Nicolas (1 SBMNH), Santa Rosa (6  
5678 SBMNH)  
5679 Range: Also known from mainland (Miller & Miller 1985).

5680 Notes. Introduced to North America from Europe (Miller & Miller 1985). Recorded as  
5681 *Staphylinus ater* (Gravenhorst) from *Suaeda* (Amaranthaceae) by Miller & Miller (1985).

5682

5683 *Thinopinus* LeConte, 1852

5684 Nomenclatural Authority: Herman (2001)

5685 Notes. Only one species of *Thinopinus* is known (Herman 2001).

5686

5687 *Thinopinus pictus* LeConte, 1852

5688 Nomenclatural Authority: Herman (2001)

5689 Literature Records: San Miguel (Caterino, Chatzimanolis & Richmond 2015: 278), San

5690 Nicolas (Caterino, Chatzimanolis & Richmond 2015: 278), Santa Catalina (Caterino,

5691 Chatzimanolis & Richmond 2015: 278), Santa Cruz (Caterino, Chatzimanolis &

5692 Richmond 2015: 278), Santa Rosa (Caterino, Chatzimanolis & Richmond 2015: 278)

5693 Digitized Records: San Miguel (12 SBMNH), San Nicolas (1 LACM; 13 SBMNH),

5694 Santa Catalina (1 SEMC; 11 SBMNH; 1 iNat), Santa Cruz (10 SBMNH), Santa Rosa (10

5695 SBMNH; 2 UTCI; 1 iNat)

5696 Range: Also known from mainland (Caterino, Chatzimanolis & Richmond 2015).

5697

5698

#### Xantholinini

5699

5700 Notes. Fourteen genera and 55 species of Xantholinini are known to occur in California  
5701 (Herman 2001). The species of the tribe were revised for North America by Smetana (1982). A  
5702 specimen deposited in LACM of an additional genus and species occurring on Santa Rosa Island,  
5703 *Neohypnus picipennis* (LeConte, 1880), was captured by Scott Miller during the 1980s, but no  
5704 specimen was located to substantiate this record (G-A Kung, 2022, pers. comm.).

5705

5706 *Linohesperus* Smetana, 1982

5707 Nomenclatural Authority: Herman (2001)

5708 Digitized Records (genus-only): San Clemente (2 SBMNH), Santa Catalina (16

5709 SBMNH), Santa Cruz (3 SBMNH)

5710 Notes. Twenty-two species of *Linohesperus* have been recorded from California (Herman  
5711 2001).

5712

5713 *Linohesperus borealis* (Casey, 1906)

5714 Nomenclatural Authority: Herman (2001)

5715 Literature Records: Santa Cruz (Naughton et al. 2014: 304)

5716 Digitized Records: Santa Rosa (1 SBMNH)

5717 Range: Also known from mainland (Smetana 1982).

5718

5719 *Linohesperus cuspifer* Smetana, 1982

- 5720 Nomenclatural Authority: Herman (2001)  
5721 Literature Records: Santa Cruz (Smetana 1988: 545)  
5722 Digitized Records: none  
5723 Range: Also known from mainland (Smetana 1982, 1988).  
5724  
5725 *Nudobius* Thomson, 1860  
5726 Nomenclatural Authority: Herman (2001)  
5727 Notes. Only one species of *Nudobius* has been recorded from California (Herman 2001).  
5728  
5729 *Nudobius pugetanus* Casey, 1906  
5730 Nomenclatural Authority: Smetana (1982); Herman (2001)  
5731 Literature Records: none  
5732 Digitized Records: Santa Cruz (1 SBMNH)  
5733 Range: Also known from mainland (Smetana 1982).  
5734  
5735 Tachyporinae  
5736  
5737 Notes. Three tribes, eight genera, and 32 species of Tachyporinae are known to occur in  
5738 California (M Gimmel, unpublished data). This subfamily was recently restricted (i.e., the  
5739 previous tribe “Mycetoporini” excluded as a separate subfamily) by Yamamoto (2021).  
5740  
5741 Tachinusini  
5742  
5743 Notes. Three genera and 15 species of Tachinusini are known to occur in California (M  
5744 Gimmel, unpublished data).  
5745  
5746 *Nitidotachinus* Campbell, 1993  
5747 Nomenclatural Authority: Herman (2001)  
5748 Notes. Three species of *Nitidotachinus* have been recorded from California (Campbell  
5749 1993a). This genus was reviewed by Campbell (1993a), who provided a key to species.  
5750  
5751 *Nitidotachinus agilis* (Horn, 1877)  
5752 Nomenclatural Authority: Herman (2001)  
5753 Literature Records: none  
5754 Digitized Records: Santa Cruz (1 SBMNH), Santa Rosa (1 SBMNH)  
5755 Range: Also known from mainland (Campbell 1993a).  
5756  
5757 *Tachinus* Gravenhorst, 1802  
5758 Nomenclatural Authority: Herman (2001)

5759 Notes. Ten species of *Tachinus* have been recorded from California (M Gimmel,  
5760 unpublished data). Additional species of *Tachinus* are likely to occur on the Channel Islands. The  
5761 genus was revised for North America by Campbell (1973) and updated by Campbell (1988).

5762

5763 *Tachinus debilis* Horn, 1877

5764 Nomenclatural Authority: Herman (2001)

5765 Literature Records: none

5766 Digitized Records: Santa Cruz (9 SBMNH)

5767 Range: Also known from mainland (Campbell 1973).

5768

5769 Tachyporini

5770

5771 Notes. Three genera and 11 species of Tachyporini have been recorded from California  
5772 (M Gimmel, unpublished data).

5773

5774 *Palporus* Campbell, 1979

5775 Nomenclatural Authority: Yamamoto (2021)

5776 Notes. Only one species of *Palporus* occurs in California (Campbell 1979). This genus  
5777 was revised for North America by Campbell (1979), as *Tachyporus* (*Palporus*); the subgenus  
5778 was subsequently elevated to genus by Yamamoto (2021).

5779

5780 *Palporus nitidulus* (Fabricius, 1781)

5781 Nomenclatural Authority: Yamamoto (2021)

5782 Literature Records: none

5783 Digitized Records: San Nicolas (1 SBMNH), Santa Cruz (1 SBMNH)

5784 Range: Also known from mainland (Campbell 1979).

5785

5786 *Sepedophilus* Gistel, 1856

5787 Nomenclatural Authority: Herman (2001)

5788 Notes. Three species of *Sepedophilus* have been recorded from California (Campbell  
5789 1976). The genus was revised for North America by Campbell (1976).

5790

5791 *Sepedophilus castaneus* (Horn, 1877)

5792 Nomenclatural Authority: Herman (2001)

5793 Literature Records: none

5794 Digitized Records: Santa Cruz (25 SBMNH), Santa Rosa (14 SBMNH)

5795 Range: Also known from mainland (Campbell 1976).

5796

5797 *Tachyporus* Gravenhorst, 1802

5798 Nomenclatural Authority: Herman (2001)

5799 Literature Records (genus-only): San Miguel (Miller & Davis 1986: 550)  
 5800 Notes. Seven species of *Tachyporus* have been recorded from California (Campbell  
 5801 1979). Additional species of *Tachyporus* are likely to occur on the Channel Islands. This genus  
 5802 was revised for North America by Campbell (1979).  
 5803  
 5804 *Tachyporus californicus* Horn, 1877  
 5805 Nomenclatural Authority: Herman (2001)  
 5806 Literature Records: Santa Catalina (Fall 1897: 237), Santa Rosa (Fall 1897: 237)  
 5807 Digitized Records: San Clemente (1 SBMNH), San Nicolas (4 SBMNH), Santa Cruz (17  
 5808 SBMNH), Santa Rosa (1 SBMNH)  
 5809 Range: Also known from mainland (Campbell 1979).

5810

5811

## BOSTRICHOIDEA

5812

5813

### Bostrichidae

5814

5815 Notes. Five subfamilies, 19 genera, and 35 species of Bostrichidae are known to occur in  
 5816 California (M Gimmel, unpublished data). The works of Fisher (1950; all subfamilies except  
 5817 Lyctinae) and Gerberg (1957; Lyctinae) adequately cover the North American fauna known at  
 5818 the time. Borowski & Węgrzynowicz (2007) provided a world catalog of this group; we follow  
 5819 their classification below.

5820

5821

### Bostrichinae

5822

5823 Notes. Four tribes, 10 genera, and 15 species of Bostrichinae are known to occur in  
 5824 California (M Gimmel, unpublished data).

5825

5826

### Bostrichini

5827

5828 Notes. Four genera and seven species of Bostrichini are known to occur in California (M  
 5829 Gimmel, unpublished data).

5830

5831

### *Amphicerus* LeConte, 1861

5832 Nomenclatural Authority: Borowski & Węgrzynowicz (2007)

5833 Notes. Three species of *Amphicerus* are known to occur in California (M Gimmel,  
 5834 unpublished data). The species were keyed by Fisher (1950).

5835

5836 *Amphicerus cornutus* (Pallas, 1772)

5837 Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)

5838 Literature Records: none

5839 Digitized Records: Santa Catalina (4 LACM), Santa Cruz (9 SBMNH; 1 UCSB)  
5840 Range: Also known from mainland (Fisher 1950; Borowski & Węgrzynowicz 2007).

5841

5842 Xyloperthini

5843

5844 *Scobicia* Lesne, 1901

5845 Nomenclatural Authority: Borowski & Węgrzynowicz (2007)

5846 Notes. Two species of *Scobicia* are known to occur in California (Fisher 1950). These  
5847 species were keyed by Fisher (1950).

5848

5849 *Scobicia declivis* (LeConte, 1857)

5850 Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)

5851 Literature Records: San Nicolas (Fall 1897: 238; Fall 1901: 133; Burke, Hartman &  
5852 Snyder 1922: 12; Fisher 1950: 111)

5853 Digitized Records: Santa Cruz (4 SBMNH)

5854 Range: Also known from mainland (Fall 1901; Fisher 1950; Borowski & Węgrzynowicz  
5855 2007).

5856 Notes. Fall (1897, 1901) recorded this species as *Sinoxylon declive*. Borowski &  
5857 Węgrzynowicz (2007) falsely stated the year of publication of the species as 1859.

5858

5859 *Scobicia suturalis* (Horn, 1878)

5860 Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)

5861 Literature Records: none

5862 Digitized Records: Anacapa (1 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (1  
5863 SBMNH)

5864 Range: Also known from mainland (Fisher 1950; Borowski & Węgrzynowicz 2007).

5865

5866 Dinoderinae

5867

5868 Notes. Four genera and eight species of Dinoderinae are known to occur in California (M  
5869 Gimmel, unpublished data).

5870

5871 *Stephanopachys* Waterhouse, 1888

5872 Nomenclatural Authority: Borowski & Węgrzynowicz (2007)

5873 Notes. Four species of *Stephanopachys* have been reported from California (M Gimmel,  
5874 unpublished data). The species were keyed out by Fisher (1950).

5875

5876 *Stephanopachys substriatus* (Paykull, 1800)

5877 Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)

5878 Literature Records: none

5879 Digitized Records: Santa Catalina (11 LACM)  
5880 Range: Also known from mainland (Fisher 1950; Borowski & Węgrzynowicz 2007).

5881

5882 Lyctinae

5883

5884 Notes. Two genera and six species of Lyctinae have been recorded from California  
5885 (Gerberg 1957).

5886

5887 *Lyctus* Fabricius, 1792

5888 Nomenclatural Authority: Borowski & Węgrzynowicz (2007)

5889 Notes. Five species have been reported from California (Gerberg 1957). These were  
5890 keyed out by Gerberg (1957).

5891

5892 *Lyctus cavicollis* LeConte, 1866

5893 Nomenclatural Authority: Gerberg (1957); Borowski & Węgrzynowicz (2007)

5894 Literature Records: none

5895 Digitized Records: Santa Cruz (7 SBMNH)

5896 Range: Also known from mainland (Gerberg 1957; Borowski & Węgrzynowicz 2007).

5897

5898 *Lyctus linearis* (Goeze, 1777)

5899 Nomenclatural Authority: Gerberg (1957); Borowski & Węgrzynowicz (2007)

5900 Literature Records: none

5901 Digitized Records: Santa Cruz (1 SBMNH)

5902 Range: Also known from mainland (Gerberg 1957; Borowski & Węgrzynowicz 2007).

5903 Notes. This species is cosmopolitan (Gerberg 1957).

5904

5905 *Lyctus planicollis* LeConte, 1858

5906 Nomenclatural Authority: Gerberg (1957); Borowski & Węgrzynowicz (2007)

5907 Literature Records: none

5908 Digitized Records: Santa Cruz (1 SBMNH)

5909 Range: Also known from mainland (Gerberg 1957; Borowski & Węgrzynowicz 2007).

5910 Notes. This species was indicated as a synonym of the older *Lyctus carbonarius* Waltl,

5911 1832 by Lesne (1916); however, the synonymy was seen as tentative by Gerberg (1957:

5912 26). Borowski & Węgrzynowicz (2007) treated *L. carbonarius* as valid with priority over

5913 *L. planicollis*.

5914

5915 Polycaoninae

5916

5917 Notes. Two genera and four species of Polycaoninae have been recorded from California  
5918 (Fisher 1950).

5919

5920

*Melalgus* Dejean, 1833

5921 Nomenclatural Authority: Borowski &amp; Węgrzynowicz (2007)

5922 Notes. Two species of *Melalgus* are known from California (Fisher 1950). The species  
5923 were keyed out by Fisher (1950).

5924

5925 *Melalgus confertus* (LeConte, 1866)

5926 Nomenclatural Authority: Fisher (1950); Borowski &amp; Węgrzynowicz (2007)

5927 Literature Records: none

5928 Digitized Records: Santa Catalina (22 LACM)

5929 Range: Also known from mainland (Fisher 1950; Borowski &amp; Węgrzynowicz 2007).

5930

5931

*Polycaon* Castelnau, 1836

5932 Nomenclatural Authority: Borowski &amp; Węgrzynowicz (2007)

5933 Notes. Two species of *Polycaon* are known from California (Fisher 1950). The species  
5934 were keyed out by Fisher (1950).

5935

5936 *Polycaon stoutii* (LeConte, 1853)

5937 Nomenclatural Authority: Fisher (1950); Borowski &amp; Węgrzynowicz (2007)

5938 Literature Records: Santa Cruz (LeConte 1876: 299; Fall 1897: 238; Fall & Davis 1934:  
5939 144)

5940 Digitized Records: Santa Catalina (6 LACM; 2 SBMNH; 1 iNat)

5941 Range: Also known from mainland (Fisher 1950; Borowski &amp; Węgrzynowicz 2007).

5942 Notes. In addition to *P. stoutii*, LeConte (1876) also reported *Polycaon ovicollis*5943 (LeConte, 1857) from Santa Cruz Island. The latter is now considered a junior synonym  
5944 of the former (see Fisher 1950).

5945

5946

Psoinae

5947

5948 Notes. One genus and two species of Psoinae have been recorded from California (Fisher  
5949 1950), belonging to the tribe Psoini.

5950

5951

*Psoa* Herbst, 1797

5952 Nomenclatural Authority: Borowski &amp; Węgrzynowicz (2007)

5953 Notes. Two species of *Psoa* are known from California (Fisher 1950). The species were  
5954 keyed out by Fisher (1950).

5955

5956 *Psoa maculata* (LeConte, 1852)

5957 Nomenclatural Authority: Fisher (1950); Borowski &amp; Węgrzynowicz (2007)

5958 Literature Records: none

5959 Digitized Records: Santa Catalina (4 LACM)  
 5960 Range: Also known from mainland (Fisher 1950; Borowski & Węgrzynowicz 2007).

5961

5962 *Psoa quadrisignata* (Horn, 1868)

5963 Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)

5964 Literature Records: Santa Catalina (Cockerell 1940: 286)

5965 Digitized Records: none

5966 Range: Also known from mainland (Fisher 1950; Borowski & Węgrzynowicz 2007).

5967

5968

### **Dermestidae**

5969

5970 Notes. Six subfamilies, 18 genera, and 77 species are known to occur in California (Háva  
 5971 & Herrmann 2021; M Gimmel, unpublished data). Beal (2003) provided a distributional  
 5972 checklist of Dermestidae from North America, which was updated by Háva & Herrmann (2021).  
 5973 We use the classification of the latter publication below.

5974

5975

### Dermestinae

5976

5977 Notes. One genus and 14 species of Dermestinae are known to occur in California,  
 5978 belonging to the tribe Dermestini (Háva & Herrmann 2021).

5979

5980

### *Dermestes* Linnaeus, 1758

5981 Nomenclatural Authority: Beal (2003)

5982 Digitized Records (genus-only): Anacapa (9 LACM), San Clemente (1 LACM; 22

5983 YPMC), Santa Barbara (3 LACM), Santa Catalina (21 LACM; 2 YPMC), Santa Cruz (5 YPMC)

5984 Notes. Fourteen species of *Dermestes* are known to occur in California, belonging to two  
 5985 subgenera, *Dermestes* (*s.str.*) and *Dermestinus* Zantiev, 1967 (Beal 2003; Háva & Herrmann  
 5986 2021). These were all keyed out in the work of Lepesme (1949).

5987

5988 *Dermestes* (*Dermestinus*) *caninus* Germar, 1824

5989 Nomenclatural Authority: Beal (2003); Háva & Herrmann (2021)

5990 Literature Records: San Clemente (Fall 1897: 237), San Nicolas (Fall 1897: 237), Santa  
 5991 Barbara (Fall 1897: 237; Miller & Miller 1985: 125), Santa Rosa (Fall 1897: 237)

5992 Digitized Records: Santa Barbara (2 SBMNH)

5993 Range: Also known from mainland (Beal 2003; Háva & Herrmann 2021).

5994 Notes. Fall (1897) recorded this species as *Dermestes mannerheimii* LeConte, which is a  
 5995 junior synonym of *D. caninus* (see Miller & Miller 1985). These taxa represent two valid  
 5996 subspecies according to Háva & Herrmann (2021).

5997

5998 *Dermestes* (*Dermestinus*) *frischii* Kugelann, 1792

5999 Nomenclatural Authority: Beal (2003)  
 6000 Literature Records: San Clemente (Miller & Miller 1985: 125), San Miguel (Miller &  
 6001 Miller 1985: 125), Santa Barbara (Miller & Miller 1985: 125), Santa Cruz (Fall & Davis  
 6002 1934: 143; Miller & Miller 1985: 125)  
 6003 Digitized Records: San Clemente (5 LACM; 3 SBMNH), San Miguel (1 SBMNH), San  
 6004 Nicolas (8 SBMNH), Santa Barbara (3 SBMNH), Santa Cruz (5 SBMNH)  
 6005 Range: Also known from mainland (Beal 2003; Háva & Herrmann 2021).  
 6006 Notes. The species epithet was spelled *frischii* by Háva & Herrmann (2021), who did not  
 6007 include California in the list of states in which the species was known to occur. This  
 6008 species is cosmopolitan (Háva & Herrmann 2021).  
 6009

6010 *Dermestes (Dermestinus) marmoratus* Say, 1823

6011 Nomenclatural Authority: Beal (2003); Háva & Herrmann (2021)  
 6012 Literature Records: San Clemente (Fall 1897: 237), San Nicolas (Fall 1897: 237), Santa  
 6013 Catalina (Fall 1897: 237), Santa Rosa (Fall 1897: 237)  
 6014 Digitized Records: San Clemente (1 YPMC)  
 6015 Range: Also known from mainland (Beal 2003; Háva & Herrmann 2021).  
 6016

6017 *Dermestes (Dermestinus) rattus* LeConte, 1854

6018 Nomenclatural Authority: Beal (2003); Háva & Herrmann (2021)  
 6019 Literature Records: Santa Rosa (Fall 1897: 237)  
 6020 Digitized Records: Santa Cruz (1 SBMNH)  
 6021 Range: Also known from mainland (Beal 2003; Beal & Seeno 1977; Háva & Herrmann  
 6022 2021).  
 6023 Notes. This species was recorded as *Dermestes tristis* by Fall (1897); the subspecies of *D.*  
 6024 *rattus* occurring on the islands is *D. r. tristis* Fall, 1897.  
 6025

6026 *Dermestes (Dermestinus) talpinus* Mannerheim, 1843

6027 Nomenclatural Authority: Beal (2003); Háva & Herrmann (2021)  
 6028 Literature Records: Santa Cruz (LeConte 1876: 298; Fall 1897: 237; Fall & Davis 1934:  
 6029 143)  
 6030 Digitized Records: Santa Rosa (1 SBMNH)  
 6031 Range: Also known from mainland (Beal 2003; Háva & Herrmann 2021).  
 6032

6033 Megatominae

6034  
 6035 Notes. Two tribes, seven genera, and 42 species of Dermestidae are known to occur in  
 6036 California (Háva & Herrmann 2021; M Gimmel, unpublished data).  
 6037

6038 Anthrenini

6039

6040 Notes. One genus and 10 species of Anthrenini have been recorded from California  
6041 (Háva & Herrmann 2021).

6042

6043 *Anthrenus* Geoffroy, 1762

6044 Nomenclatural Authority: Kadej (2011); Háva & Herrmann (2021)

6045 Notes. Ten species of *Anthrenus* have been reported from California, belonging to four  
6046 subgenera, *Anthrenops* Reitter, 1881, *Anthrenus* (*s.str.*), *Florilinus* Mulsant & Rey, 1868, and  
6047 *Nathrenus* Casey, 1900 (Beal 2003; Háva & Herrmann 2021). The North American species were  
6048 revised by Beal (1998); Kadej (2011) described an additional species from California and  
6049 provided an updated key to North American species.

6050

6051 *Anthrenus* (*Anthrenus*) *lepidus* LeConte, 1854

6052 Nomenclatural Authority: Beal (1998); Beal (2003); Háva & Herrmann (2021)

6053 Literature Records: none

6054 Digitized Records: Santa Cruz (2 SBMNH), Santa Rosa (3 SBMNH)

6055 Range: Also known from mainland (Beal 1998, 2003; Háva & Herrmann 2021).

6056

6057 *Anthrenus* (*Nathrenus*) *verbasci* (Linnaeus, 1767)

6058 Nomenclatural Authority: Beal (1998); Beal (2003); Háva & Herrmann (2021)

6059 Literature Records: Santa Catalina (Cockerell 1940: 286)

6060 Digitized Records: Santa Catalina (1 iNat)

6061 Range: Also known from mainland (Beal 1998, 2003; Háva & Herrmann 2021).

6062 Notes. This is a cosmopolitan species (Beal 2003).

6063

6064 Megatomini

6065

6066 Notes. Six genera and 32 species of Megatomini are known to occur in California (Háva  
6067 & Herrmann 2021; M Gimmel, unpublished data).

6068

6069 *Cryptorhopalum* Guérin-Méneville, 1838

6070 Nomenclatural Authority: Háva & Herrmann (2021)

6071 Notes. Nine species of *Cryptorhopalum* have been recorded from California (Beal 2003;  
6072 Háva & Herrmann 2021). These were mostly revised and keyed by Beal (1979), who later  
6073 published a revision of the entire Nearctic fauna (Beal 1985).

6074

6075 *Cryptorhopalum* *apicale* (Mannerheim, 1843)

6076 Nomenclatural Authority: Beal (1985); Beal (2003); Háva & Herrmann (2021)

6077 Literature Records: Santa Cruz (Beal 1979: 16 [map]; Beal 1985: 191 [map])

6078 Digitized Records: Santa Cruz (18 SBMNH)

6079 Range: Also known from mainland (Beal 1979, 1985, 2003; Háva & Herrmann 2021).

6080

6081 *Cryptorhopalum triste* LeConte, 1854

6082 Nomenclatural Authority: Beal (1985); Beal (2003); Háva & Herrmann (2021)

6083 Literature Records: none

6084 Digitized Records: Santa Rosa (1 SBMNH)

6085 Range: Also known from mainland (Beal 1979, 1985, 2003; Háva & Herrmann 2021).

6086

6087 *Megatoma* Herbst, 1791

6088 Nomenclatural Authority: Háva & Herrmann (2021)

6089 Digitized Records (genus-only): Santa Rosa (6 SBMNH)

6090 Notes. Eleven species of *Megatoma* have been reported from California, distributed

6091 among two subgenera, *Megatoma* (*s.str.*) and *Pseudohadrotoma* Kalík, 1957 (Háva & Herrmann

6092 2021). The species in North America were revised by Beal (1967).

6093

6094 *Megatoma* (*Megatoma*) *variegata* (Horn, 1875)

6095 Nomenclatural Authority: Beal (2003); Háva & Herrmann (2021)

6096 Literature Records: none

6097 Digitized Records: Santa Cruz (10 SBMNH), Santa Rosa (11 SBMNH)

6098 Range: Also known from mainland (Beal 2003; Háva & Herrmann 2021).

6099

6100 *Trogoderma* Dejean, 1821

6101 Nomenclatural Authority: Beal (2003); Háva & Herrmann (2021)

6102 Notes. Nine species of *Trogoderma* have been reported from California (Beal 2003; Háva

6103 & Herrmann 2021). The North American species were revised by Beal (1954).

6104

6105 *Trogoderma sternale* Jayne, 1882

6106 Nomenclatural Authority: Beal (1954); Beal (2003); Háva & Herrmann (2021)

6107 Literature Records: Santa Barbara (Miller & Miller 1985: 125), Santa Catalina (Fall

6108 1897: 237; Fall 1901: 93; Beal 1954: 72 [map]; Miller & Miller 1985: 125)

6109 Digitized Records: Santa Barbara (1 SBMNH), Santa Catalina (4 SBMNH), Santa Cruz

6110 (75 SBMNH; 1 UCSB), Santa Rosa (3 SBMNH)

6111 Range: Also known from mainland (Beal 1954, 2003; Háva & Herrmann 2021).

6112 Notes. The subspecies of *T. sternale* present on the islands is the nominate subspecies, *T.*

6113 *s. sternale* Jayne, 1882 (Beal 1954).

6114

6115 **Ptinidae**

6116

6117 Notes. Nine subfamilies, 41 genera, and 145 species of Ptinidae are known to occur in

6118 California (M Gimmel, unpublished data). The family Ptinidae in the modern sense corresponds

6119 with the combined former concepts of Anobiidae and Ptinidae. The species (excluding Ptininae)  
6120 were cataloged for North America by White (1982). The classification we employ below follows  
6121 Philips (2002), with the exception of the use of Ptinidae over Anobiidae.

6122

6123 Anobiinae

6124

6125 Notes. Seven tribes, 13 genera, and 31 species of Anobiinae are known to occur in  
6126 California (M Gimmel, unpublished data).

6127

6128 Anobiini

6129

6130 Notes. Three genera and seven species of Anobiini are known to occur in California (M  
6131 Gimmel, unpublished data).

6132

6133 *Hemicoelus* LeConte, 1861

6134 Nomenclatural Authority: White (1976); White (1982)

6135 Notes. Four species of *Hemicoelus* are known to occur in California, including three  
6136 previously reported (White 1982) and the new state record below. White (1976) provided a key  
6137 to North American species.

6138

6139 *Hemicoelus nelsoni* (Hatch, 1961)

6140 Nomenclatural Authority: White (1976); White (1982)

6141 Literature Records: none

6142 Digitized Records: Santa Cruz (1 SBMNH), Santa Rosa (1 SBMNH)

6143 Range: Also known from mainland (White 1982).

6144 Notes. This species represents a **new state record** for California.

6145

6146 Colposternini

6147

6148 Notes. One species of Colposternini has been recorded from California (White 1982).

6149

6150 *Colposternus* Fall, 1905

6151 Nomenclatural Authority: White (1982)

6152 Notes. One species of *Colposternus* has been recorded from California (White 1982).

6153

6154 *Colposternus tenuilineatus* (Horn, 1894)

6155 Nomenclatural Authority: White (1982)

6156 Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 132; Fall 1905: 191)

6157 Digitized Records: Santa Cruz (1 SBMNH)

6158 Range: Also known from mainland (White 1982).

6159 Notes. Fall (1897, 1901) recorded this species as *Trypopytis tenuilineata*; Fall (1905)  
6160 subsequently transferred it to *Colposternus*.

6161

6162 Euceratocerini

6163

6164 Notes. Two or three genera and 10 or 11 species of Euceratocerini have been recorded  
6165 from California (White 1982; M Gimmel, unpublished data).

6166

6167 *Actenobius* Fall, 1905

6168 Nomenclatural Authority: White (1982)

6169 Notes. One species of *Actenobius* has been recorded from California (White 1982).

6170

6171 *Actenobius pleuralis* (Casey, 1898)

6172 Nomenclatural Authority: White (1982)

6173 Literature Records: none

6174 Digitized Records: Santa Cruz (1 SBMNH)

6175 Range: Also known from mainland (White 1982).

6176

6177 *Euceratocerus* LeConte, 1874

6178 Nomenclatural Authority: White (1982)

6179 Notes. No species of *Euceratocerus* have been reported from California (White 1982).  
6180 The species were treated for North America by Hinson (2021).

6181

6182 *Euceratocerus hornii* LeConte, 1874

6183 Nomenclatural Authority: White (1982)

6184 Literature Records: Santa Catalina (Fall 1897: 238)

6185 Digitized Records: none

6186 Range: Also known from mainland (White 1982; Hinson 2021).

6187 Notes. This species is otherwise reported only from Texas, with all other species of the  
6188 genus being from points farther east (White 1982), casting extreme doubt on Fall's  
6189 (1897) record from Santa Catalina. Fall's record may have referred to *Actenobius*  
6190 *pleuralis* (K Hinson, 2021, pers. comm.).

6191

6192 Hadrobregmini

6193

6194 Notes. Two genera and three species of Hadrobregmini have been recorded from  
6195 California (White 1982).

6196

6197 *Priobium* Motschulsky, 1845

6198 Nomenclatural Authority: White (1982)

6199 Notes. One species of *Priobium* has been recorded from California (White 1982).

6200

6201 *Priobium punctatum* (LeConte, 1859)

6202 Nomenclatural Authority: White (1982)

6203 Literature Records: Santa Cruz (Cockerell 1940: 286)

6204 Digitized Records: Santa Catalina (1 iNat), Santa Cruz (7 SBMNH)

6205 Range: Also known from mainland (White 1982).

6206 Notes. Cockerell (1940) reported this species as *Trypopityus punctatus*.

6207

6208

### Stegobiini

6209

6210 Notes. Two genera and five species of Stegobiini are known to occur in California (M

6211 Gimmel, unpublished data).

6212

6213

### *Oligomerus* Redtenbacher, 1849

6214 Nomenclatural Authority: White (1982)

6215 Notes. Four species of *Oligomerus* are known to occur in California, including one

6216 putatively undescribed species (M Gimmel, unpublished data). White (1976a) provided a key to

6217 species of *Oligomerus*.

6218

6219 *Oligomerus delicatulus* (Fall, 1920)

6220 Nomenclatural Authority: White (1976a); White (1982)

6221 Literature Records: none

6222 Digitized Records: Anacapa (1 SBMNH)

6223 Range: Also known from mainland (White 1982).

6224

6225

### *Stegobium* Motschulsky, 1860

6226 Nomenclatural Authority: White (1982)

6227 Notes. One species of *Stegobium* is known to occur in California (M Gimmel,

6228 unpublished data).

6229

6230 *Stegobium paniceum* (Linnaeus, 1758)

6231 Nomenclatural Authority: White (1982)

6232 Literature Records: none

6233 Digitized Records: Santa Rosa (4 SBMNH)

6234 Range: Also known from mainland (White 1982).

6235 Notes. This pest species, known as the drugstore beetle, has been introduced around the

6236 world.

6237

6238

### Dorcatominae

6239

6240 Notes. Three tribes, five genera, and seven species of Dorcatominae are known to occur  
6241 in California (M Gimmel, unpublished data).

6242

6243

#### Dorcatomini

6244

6245 Notes. Three genera and five species of Dorcatomini are known to occur in California (M  
6246 Gimmel, unpublished data).

6247

6248

#### *Byrrhodes* LeConte, 1878

6249 Nomenclatural Authority: White (1982)

6250 Notes. Two species of *Byrrhodes* have been recorded from California, including one  
6251 putatively undescribed species (M Gimmel, unpublished data). White (1973a) provided a key to  
6252 North American species.

6253

6254 *Byrrhodes ulkei* (Fall, 1905)

6255 Nomenclatural Authority: White (1973a); White (1982)

6256 Literature Records: none

6257 Digitized Records: Santa Catalina (1 SBMNH)

6258 Range: Also known from mainland (White 1982).

6259 Notes. In the SBMNH collection, T.K. Philips identified a possible new species of  
6260 *Byrrhodes* from specimens collected on the coastal side of the Santa Ynez Mountains in  
6261 Santa Barbara County; the above record of *B. ulkei* possibly represents this species.

6262

6263

#### Petaliini

6264

6265 Notes. One species of Petaliini has been recorded from California (White 1982).

6266

6267

#### *Petalium* LeConte, 1861

6268 Nomenclatural Authority: Ford (1973); White (1982)

6269 Notes. One species of *Petalium* has been recorded from California (White 1982). Ford  
6270 (1973) provided a key to North American species of this genus.

6271

6272 *Petalium californicum* Fall, 1905

6273 Nomenclatural Authority: Ford (1973); White (1982)

6274 Literature Records: none

6275 Digitized Records: Santa Cruz (1 SBMNH)

6276 Range: Also known from mainland (Ford 1973; White 1982).

6277

6278

#### Ernobiinae

6279

6280 Notes. Three tribes, seven genera, and 27 species of Ernobiinae are known to occur in  
6281 California (White 1982; M Gimmel, unpublished data).

6282

6283

## Ernobiini

6284

6285 Notes. Three genera and 19 species of Ernobiini are known to occur in California (White  
6286 1982; M Gimmel, unpublished data).

6287

6288

*Ernobius* Thomson, 1859

6289

Nomenclatural Authority: White (1982)

6290

6291 Notes. Seventeen species of *Ernobius* are known to occur in California, including one  
6292 putatively undescribed species (M Gimmel, unpublished data). The species of this genus were  
keyed for California by Ruckes (1957).

6293

6294 *Ernobius debilis* LeConte, 1865

6295

Nomenclatural Authority: Ruckes (1957); White (1982)

6296

Literature Records: Santa Cruz (LeConte 1865: 225; Fall 1897: 238; Fall 1901: 131)

6297

Digitized Records: Santa Cruz (10 SBMNH)

6298

Range: Also known from mainland (Fall 1901).

6299

Notes. This species was considered endemic to Santa Cruz Island by LeConte (1865) and  
6300 Fall (1897), but subsequently discovered on the mainland (Fall 1901).

6301

6302 *Ernobius punctulatus* (LeConte, 1859)

6303

Nomenclatural Authority: Ruckes (1957); White (1982)

6304

Literature Records: Santa Cruz (Fall & Davis 1934: 144)

6305

Digitized Records: none

6306

Range: Also known from mainland (White 1982).

6307

6308

## Ozognathini

6309

6310 Notes. Two genera and three species of Ozognathini have been recorded from California  
6311 (White 1982).

6312

6313

*Ozognathus* LeConte, 1861

6314

Nomenclatural Authority: White (1982)

6315

Notes. One species of *Ozognathus* has been reported from California (White 1982).

6316

6317 *Ozognathus cornutus* (LeConte, 1859)

6318

Nomenclatural Authority: White (1982)

- 6319 Literature Records: none
- 6320 Digitized Records: Santa Catalina (1 iNat), Santa Cruz (2 SBMNH), Santa Rosa (1
- 6321 SBMNH)
- 6322 Range: Also known from mainland (White 1982).
- 6323
- 6324 *Xarifa* Fall, 1905
- 6325 Nomenclatural Authority: White (1982)
- 6326 Notes. Originally described as a genus endemic to the Channel Islands, one species,
- 6327 *Xarifa lobata* Fall, 1929, was subsequently described from mainland California (Carmel; Fall
- 6328 1929a). These remain the only two species known; they were keyed by White (1974).
- 6329
- 6330 *Xarifa insularis* Fall, 1905
- 6331 Nomenclatural Authority: White (1982)
- 6332 Literature Records: San Clemente (Fall 1905: 138; Miller 1985a: 20), Santa Catalina
- 6333 (Fall 1905: 138; Miller 1985a: 20; White 1982: 3)
- 6334 Digitized Records: Santa Catalina (3 SBMNH), Santa Cruz (1 LACM; 6 SBMNH), Santa
- 6335 Rosa (12 SBMNH)
- 6336 Range: Endemic (Fall 1905; Miller 1985a).
- 6337
- 6338 Xestobiini
- 6339
- 6340 Notes. Two genera and five species of Xestobiini have been recorded from California
- 6341 (White 1982).
- 6342
- 6343 *Xestobium* Motschulsky, 1845
- 6344 Nomenclatural Authority: White (1982)
- 6345 Notes. Three species of *Xestobium* have been reported from California (White 1982).
- 6346 These species were partially keyed by White (1975), with another species added by White
- 6347 (1976b).
- 6348
- 6349 *Xestobium marginicolle* (LeConte, 1859)
- 6350 Nomenclatural Authority: White (1982)
- 6351 Literature Records: Santa Barbara (Miller & Miller 1985: 123)
- 6352 Digitized Records: Santa Cruz (2 SBMNH)
- 6353 Range: Also known from mainland (White 1982).
- 6354 Notes. Reported from *Hemizonia* (Asteraceae) on Santa Barbara Island by Miller &
- 6355 Miller (1985).
- 6356
- 6357 Eucradinae
- 6358

6359 Notes. Only one genus, belonging to the tribe Hedobiini, and three species of Eucradinae  
6360 have been recorded from California (White 1982).

6361

6362 *Ptinomorphus* Mulsant & Rey, 1868

6363 Nomenclatural Authority: Zahradník & Háva (2014)

6364 Notes. Three species of *Ptinomorphus* have been reported from California (White 1982,  
6365 as *Hedobia* Dejean, 1821).

6366

6367 *Ptinomorphus granosus* (LeConte, 1874)

6368 Nomenclatural Authority: White (1982); Zahradník & Háva (2014)

6369 Literature Records: none

6370 Digitized Records: Santa Rosa (1 SBMNH)

6371 Range: Also known from mainland (White 1982).

6372 Notes. This species was previously known as *Hedobia granosa*.

6373

6374 Mesocoelopodinae

6375

6376 Notes. Only one genus, belonging to the tribe Tricorynini, and 20 species of  
6377 Mesocoelopodinae have been recorded from California (M Gimmel, unpublished data).

6378

6379 *Tricorynus* Waterhouse, 1849

6380 Nomenclatural Authority: White (1982)

6381 Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303)

6382 Digitized Records (genus-only): Anacapa (2 SBMNH), San Clemente (5 SBMNH), San  
6383 Nicolas (2 SBMNH), Santa Barbara (1 SBMNH), Santa Catalina (3 SBMNH), Santa Cruz (7  
6384 SBMNH)

6385 Notes. Twenty species of *Tricorynus* have been recorded from California (M Gimmel,  
6386 unpublished data). This genus was revised for North America by White (1965).

6387

6388 *Tricorynus nubilus* (Fall, 1905)

6389 Nomenclatural Authority: White (1965); White (1982)

6390 Literature Records: Santa Catalina (White 1965: 333)

6391 Digitized Records: none

6392 Range: Also known from mainland (White 1965, 1982).

6393

6394 *Tricorynus obsoletus* (LeConte, 1865)

6395 Nomenclatural Authority: White (1965); White (1982)

6396 Literature Records: Santa Catalina (Fall 1897: 238)

6397 Digitized Records: none

6398 Range: Also known from mainland (White 1965).

6399 Notes. Fall (1897) listed this species as *Hemiptychus obsoletus* with a question mark.

6400

6401 Ptilininae

6402

6403 Notes. Only one genus, belonging to the tribe Ptilinini, and four species of Ptilininae have  
6404 been recorded from California (White 1982).

6405

6406 *Ptilinus* Müller, 1764

6407 Nomenclatural Authority: White (1982)

6408 Notes. Four species of *Ptilinum* have been recorded from California (White 1982). No  
6409 modern key exists to separate these species.

6410

6411 *Ptilinus basalis* LeConte, 1858

6412 Nomenclatural Authority: White (1982)

6413 Literature Records: none

6414 Digitized Records: Santa Cruz (3 SBMNH)

6415 Range: Also known from mainland (White 1982).

6416

6417 Ptininae: Ptinini

6418

6419 Notes. Four tribes, six genera, and 23 species of Ptininae, including three genera and 19  
6420 species of Ptinini, are known to occur in California (M Gimmel, unpublished data).

6421

6422 *Ptinus* Linnaeus, 1766

6423 Nomenclatural Authority: Papp & Okumura (1959)

6424 Notes. Fifteen species of *Ptinus* have been recorded from California, distributed among  
6425 three subgenera, *Gynopterus* Mulsant & Rey, 1868, *Ptinus* (*s.str.*), and *Tectoptynus* Iablokoff-  
6426 Khnzorian & Karapetyan, 1986 (Papp & Okumura 1959; Háva & Zahradník 2014). The key of  
6427 Papp & Okumura (1959) can be used to separate these. Naughton et al. (2004: 303) recorded the  
6428 genus only from Santa Cruz Island, but this has since been identified as *P. agnatus* (see below).

6429

6430 *Ptinus* (*Gynopterus*) *fallax* Fall, 1905

6431 Nomenclatural Authority: Papp & Okumura (1959)

6432 Literature Records: none

6433 Digitized Records: Santa Catalina (6 SBMNH; 1 iNat)

6434 Range: Also known from mainland (Papp & Okumura 1959).

6435

6436 *Ptinus* (*Ptinus*) *agnatus* Fall, 1905

6437 Nomenclatural Authority: Papp & Okumura (1959)

6438 Literature Records: none

6439 Digitized Records: Santa Cruz (3 SBMNH), Santa Rosa (13 SBMNH)  
6440 Range: Also known from mainland (Papp & Okumura 1959).  
6441 Notes. The Santa Cruz Island specimen of “*Ptinus*” from Naughton et al. (2014) exists as  
6442 a voucher (in SBMNH) and was identified to this species by MLG.

6443

6444 Xyletininae

6445

6446 Notes. Two tribes, six genera, and 29 species of Xyletininae have been recorded from  
6447 California (White 1982; M Gimmel, unpublished data).

6448

6449 Lasiodermini

6450

6451 Notes. Two genera and five species of Lasiodermini have been recorded from California  
6452 (M Gimmel, unpublished data).

6453

6454 *Lasioderma* Stephens, 1835

6455 Nomenclatural Authority: White (1982)

6456 Notes. Two species of *Lasioderma* are known to occur in California (M Gimmel,  
6457 unpublished data).

6458

6459 *Lasioderma serricorne* (Fabricius, 1792)

6460 Nomenclatural Authority: White (1982)

6461 Literature Records: none

6462 Digitized Records: Santa Cruz (15 LACM)

6463 Range: Also known from mainland (White 1982).

6464 Notes. This cosmopolitan pest is known as the cigarette beetle.

6465

6466 Xyletinini

6467

6468 Notes. Four genera and 24 species of Xyletinini have been recorded from California  
6469 (White 1982).

6470

6471 *Euvrilletta* Fall, 1905

6472 Nomenclatural Authority: White (1982)

6473 Notes. Seven species of *Euvrilletta* have been recorded from California (White 1982).

6474 The key in White (1985) can be used to identify them.

6475

6476 *Euvrilletta catalinae* (Fall, 1905)

6477 Nomenclatural Authority: White (1982)

- 6478 Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 131; Fall 1905: 162; Miller  
6479 1985a: 20; Caterino & Chandler 2010: 187)
- 6480 Digitized Records: none
- 6481 Range: Endemic (Fall 1905; Miller 1985a; Caterino & Chandler 2010).
- 6482 Notes. Fall (1905) recorded this species as *Oligomerodes catalinae* Fall; the genus  
6483 *Oligomerodes* Fall was subsequently synonymized with *Euvrilletta* Fall by White (1976:  
6484 164), and the species was included in a key by White (1985: 191). Specimens referred to  
6485 by Fall (1897: 238, 1901: 131) as “*Oligomerus?* new species” represent this species.  
6486 Adults were collected from foliage of *Heteromeles arbutifolia* (Lindl.) M.Roem.  
6487 (Rosaceae) (Fall 1901; White 1982).  
6488
- 6489 *Euvrilletta occidentalis* (Fall, 1905)
- 6490 Nomenclatural Authority: White (1982)
- 6491 Literature Records: none
- 6492 Digitized Records: Santa Cruz (1 SBMNH)
- 6493 Range: Also known from mainland (White 1982).  
6494
- 6495 *Vrilletta* LeConte, 1874
- 6496 Nomenclatural Authority: White (1982)
- 6497 Notes. Ten species of *Vrilletta* have been recorded from California (White 1982). White  
6498 (1980) reviewed the genus and provided a key to species.  
6499
- 6500 *Vrilletta blaisdelli* Fall, 1905
- 6501 Nomenclatural Authority: White (1982)
- 6502 Literature Records: Santa Catalina (Cockerell 1940: 286)
- 6503 Digitized Records: Santa Cruz (1 SBMNH), Santa Rosa (11 SBMNH)
- 6504 Range: Also known from mainland (White 1982).  
6505
- 6506 *Xyletinus* Latreille, 1809
- 6507 Nomenclatural Authority: White (1977); White (1982)
- 6508 Notes. Six species of *Xyletinus* have been recorded from California (White 1982). White  
6509 (1977) provided a partial, updated key to these species, supplementing that of White (1973b).  
6510
- 6511 *Xyletinus* undetermined species
- 6512 Literature Records: none
- 6513 Digitized Records: Santa Rosa (1 SBMNH)
- 6514 Notes. The single SBMNH specimen roughly keys to *Xyletinus rotundicollis* White, 1977  
6515 in White (1977). However, without adequate comparative material we hesitate to make a  
6516 species-level identification.  
6517

**CLEROIDEA****Byturidae**

Notes. Two genera and two species are known from California (Springer & Goodrich 1983). Springer & Goodrich (1983) provided a revision of the family for North America.

*Xerasia* Lewis, 1895

Nomenclatural Authority: Springer & Goodrich (1991)

Notes. Only one species of *Xerasia* is known from North America (Springer & Goodrich 1991).

*Xerasia grisescens* (Jayne, 1882)

Nomenclatural Authority: Springer & Goodrich (1991)

Literature Records: Santa Catalina (Cockerell 1940: 286; Springer & Goodrich 1983: 190 [map only]), Santa Cruz (Springer & Goodrich 1983: 190 [map only]; Naughton et al. 2014: 303)

Digitized Records: San Miguel (1 SBMNH), Santa Catalina (2 LACM; 11 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (4 SBMNH)

Range: Also known from mainland (Springer & Goodrich 1983).

Notes. This species was recorded by Cockerell (1940) as *Byturus grisescens*, and by Springer & Goodrich (1983) as *Byturellus grisescens*.

**Cleridae**

Notes. Four subfamilies, 18 genera, and about 88 species of Cleridae are known from California (M Gimmel, unpublished data).

Clerinae

Notes. Five tribes, six genera and 43 species of Clerinae are known to occur in California (M Gimmel, unpublished data). This subfamily was recently redefined and reclassified by Bartlett (2021).

**Dieropsini**

Notes. One genus and four species of Dieropsini are known to occur in California (Foster 1976).

*Trichodes* Herbst, 1792

6558 Nomenclatural Authority: Wolcott (1947)  
6559 Notes. Four species of *Trichodes* are known from California (Foster 1976). These were  
6560 keyed by Foster (1976).  
6561  
6562 *Trichodes ornatus* Say, 1823  
6563 Nomenclatural Authority: Foster (1976)  
6564 Literature Records: none  
6565 Digitized Records: Santa Cruz (7 SBMNH; 6 UCSB)  
6566 Range: Also known from mainland (Foster 1976).  
6567 Notes. The subspecies of *T. ornatus* occurring in coastal California is *T. o. douglasianus*  
6568 White, 1849 (Foster 1976).  
6569

#### 6570 Hydnocerini

6571  
6572 Notes. One genus and 15 species of Hydnocerini are known to occur in California (M  
6573 Gimmel, unpublished data).  
6574

#### 6575 *Phyllobaenus* Dejean, 1837

6576 Nomenclatural Authority: Wolcott (1947)  
6577 Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303)  
6578 Digitized Records (genus-only): Santa Catalina (1 SBMNH), Santa Cruz (2 SBMNH; 2  
6579 UCSB)  
6580 Notes. Fifteen species of *Phyllobaenus* are known to occur in California (M Gimmel,  
6581 unpublished data). The two SBMNH specimens from Santa Cruz are vouchers for the Naughton  
6582 et al. (2014) study.  
6583

#### 6584 *Phyllobaenus funebris* (Chevrolat, 1874)

6585 Nomenclatural Authority: Wolcott (1947)  
6586 Literature Records: none  
6587 Digitized Records: San Miguel (2 SBMNH), Santa Cruz (14 SBMNH)  
6588 Range: Also known from mainland (Wolcott 1947).  
6589

#### 6590 *Phyllobaenus scaber* (LeConte, 1852)

6591 Nomenclatural Authority: Wolcott (1947)  
6592 Literature Records: none  
6593 Digitized Records: Santa Cruz (1 SBMNH), Santa Rosa (1 SBMNH)  
6594 Range: Also known from mainland (Wolcott 1947).  
6595

#### 6596 Korynetinae

6597

6598 Notes. Six genera and 13 species of Korynetinae are known to occur in California (M  
6599 Gimmel, unpublished data).

6600

6601 *Loedelia* Lucas, 1920

6602 Nomenclatural Authority: Wolcott (1947)

6603 Notes. One species of *Loedelia* is known from California (Wolcott 1947).

6604

6605 *Loedelia maculicollis* (LeConte, 1874)

6606 Nomenclatural Authority: Wolcott (1947)

6607 Literature Records: none

6608 Digitized Records: Santa Cruz (2 SBMNH; 1 UCSB)

6609 Range: Also known from mainland (Wolcott 1947).

6610

6611 *Necrobia* Olivier, 1795

6612 Nomenclatural Authority: Wolcott (1947)

6613 Notes. Three species of *Necrobia* are known from California (M Gimmel, unpublished  
6614 data). Although these have long been thought to be introductions to North America from other  
6615 parts of the world, evidence presented from tar pit material by Holden, Barclay & Angus (2018)  
6616 casts doubt on this for the third known Californian species, *Necrobia violacea* (Linnaeus, 1758).

6617

6618 *Necrobia ruficollis* (Fabricius, 1775)

6619 Nomenclatural Authority: Papp (1959)

6620 Literature Records: San Clemente (Fall 1897: 238; Fall 1901: 130)

6621 Digitized Records: Anacapa (1 SBMNH), Santa Cruz (5 LACM; 2 SBMNH)

6622 Range: Also known from mainland (Wolcott 1947).

6623 Notes. Fall (1901) recorded this species as *Corynetes ruficollis*. This is a cosmopolitan  
6624 species (Papp 1959).

6625

6626 *Necrobia rufipes* (DeGeer, 1775)

6627 Nomenclatural Authority: Papp (1959)

6628 Literature Records: San Clemente (Fall 1897: 238), Santa Catalina (Fall 1897: 238),  
6629 Santa Rosa (Fall 1897: 238)

6630 Digitized Records: Anacapa (9 LACM), San Clemente (22 LACM; 1 SBMNH), San  
6631 Miguel (4 LACM; 3 SBMNH), San Nicolas (28 LACM; 7 SBMNH), Santa Catalina (1  
6632 LACM; 1 SBMNH), Santa Cruz (98 LACM; 8 SBMNH; 2 UCSB), Santa Rosa (3  
6633 SBMNH)

6634 Range: Also known from mainland (Fall 1901; Wolcott 1947). This is a cosmopolitan  
6635 species (Papp 1959).

6636

6637 Tillinae

- 6638  
6639 Notes. Six genera and 32 species of Tillinae are known to occur in California (Burke,  
6640 Leavengood & Zolnerowich 2015; M Gimmel, unpublished data).  
6641  
6642 *Cymatodera* Gray, 1832  
6643 Nomenclatural Authority: Burke, Leavengood & Zolnerowich (2015)  
6644 Digitized Records (genus-only): Santa Cruz (1 UCRC)  
6645 Notes. Twenty-five species of the genus *Cymatodera* have been recorded from California  
6646 (M Gimmel, unpublished data).  
6647  
6648 *Cymatodera angustata* Spinola, 1844  
6649 Nomenclatural Authority: Burke, Leavengood & Zolnerowich (2015)  
6650 Literature Records: Santa Rosa (Fall 1897: 238)  
6651 Digitized Records: none  
6652 Range: Also known from mainland (Rifkind 2019).  
6653 Notes. This flightless species was not reported from the islands by Rifkind (2019), and  
6654 Fall's (1897) record may actually refer to *C. caterinoi*.  
6655  
6656 *Cymatodera caterinoi* Rifkind & Burke, 2019  
6657 Nomenclatural Authority: Rifkind (2019)  
6658 Literature Records: Anacapa (Rifkind 2019: 556), Santa Cruz (Rifkind 2019: 556), Santa  
6659 Rosa (Rifkind 2019: 556)  
6660 Digitized Records: Santa Cruz (5 SBMNH; 1 UCSB), Santa Rosa (1 CASC; 1 CSCA; 4  
6661 JNRC; 3 SBMNH)  
6662 Range: Endemic (Rifkind 2019).  
6663 Notes. Flightless (Rifkind 2019).  
6664  
6665 *Cymatodera insularis* Rifkind, 2019  
6666 Nomenclatural Authority: Rifkind (2019)  
6667 Literature Records: San Clemente (Rifkind 2019: 553), Santa Catalina (Rifkind 2019:  
6668 553)  
6669 Digitized Records: San Nicolas (1 SBMNH), Santa Catalina (2 SBMNH)  
6670 Range: Endemic (Rifkind 2019).  
6671 Notes. Flightless (Rifkind 2019).  
6672  
6673 *Cymatodera ovipennis* LeConte, 1859  
6674 Nomenclatural Authority: Burke, Leavengood & Zolnerowich (2015)  
6675 Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 129)  
6676 Digitized Records: none

6677 Range: Also known from mainland (Fall 1901; Burke, Leavengood & Zolnerowich  
6678 2015).

6679

6680 **Melyridae**

6681

6682 Notes. Two subfamilies, 29 genera, and 302 species of Melyridae are known to occur in  
6683 California (M Gimmel, unpublished data).

6684

6685 Dasytinae

6686

6687 Notes. Two tribes, 19 genera, and 211 species of Dasytinae are known to occur in  
6688 California (M Gimmel, unpublished data).

6689

6690 Dasytini

6691

6692 Notes. Eight genera and 40 species of Dasytini are known to occur in California (M  
6693 Gimmel, unpublished data).

6694

6695 *Dasytastes* Casey, 1895

6696 Nomenclatural Authority: Gimmel & Mayor (in prep.)

6697 Digitized Records (genus-only): Anacapa (3 SBMNH), San Clemente (3 SBMNH), Santa  
6698 Barbara (35 SBMNH), Santa Cruz (24 SBMNH), Santa Rosa (2 SBMNH)

6699 Notes. Like most genera of Dasytinae, *Dasytastes* is in desperate need of revision. Until  
6700 this is completed, distributional status and endemism of the species cannot be determined.

6701 Forms from San Clemente Island appear externally divergent.

6702

6703 *Dasytastes catalinae* (LeConte, 1866)

6704 Nomenclatural Authority: Gimmel & Mayor (in prep.)

6705 Literature Records: Santa Catalina (LeConte 1866c: 361; Casey 1895: 583; Fall 1901:  
6706 128; Miller 1985a: 20; Caterino & Chandler 2010: 187)

6707 Digitized Records: Santa Catalina (12 SBMNH)

6708 Range: Endemic (LeConte 1866c; Casey 1895; Fall 1901; Miller 1985a; Caterino &  
6709 Chandler 2010).

6710 Notes. LeConte (1866c) recorded this species as *Dasytes catalinae*; it was transferred to  
6711 the genus *Dasytastes* by Casey (1895). Fall (1901: 128) reported it to be “quite common  
6712 on various flowers in July”.

6713

6714 *Dasytastes insularis* Fall, 1901

6715 Nomenclatural Authority: Gimmel & Mayor (in prep.)

6716 Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 251; Miller 1985a: 20)

- 6717 Digitized Records: none  
 6718 Range: Endemic (Fall 1897, 1901; Miller 1985a).  
 6719 Notes. Recorded as "*Dasytes*, sp. nov." by Fall (1897).  
 6720  
 6721 "*Dasytes*" Paykull, 1799  
 6722 Nomenclatural Authority: Gimmel & Mayor (in prep.)  
 6723 Digitized Records (genus-only): Santa Cruz (6 SBMNH)  
 6724 Notes. The native North American species currently placed in *Dasytes* will soon receive a  
 6725 generic reassignment; true *Dasytes* only occurs in the Palearctic region (M Gimmel, unpublished  
 6726 data). The North American fauna is in dire need of revision.  
 6727  
 6728 *Dasytes clementae* Fall, 1901  
 6729 Nomenclatural Authority: Gimmel & Mayor (in prep.)  
 6730 Literature Records: San Clemente (Fall 1897: 238; Fall 1901: 251; Miller 1985a: 20)  
 6731 Digitized Records: none  
 6732 Range: Endemic (Fall 1897, 1901; Miller 1985a).  
 6733 Notes. Recorded as "*Dasytes*, sp. nov." by Fall (1897).  
 6734  
 6735 *Eschatocrepis* LeConte, 1862  
 6736 Nomenclatural Authority: Gimmel & Mayor (in prep.)  
 6737 Notes. This genus contains only one species in North America (M Gimmel, unpublished  
 6738 data).  
 6739  
 6740 *Eschatocrepis constrictus* (LeConte, 1852)  
 6741 Nomenclatural Authority: Gimmel & Mayor (in prep.)  
 6742 Literature Records: Santa Catalina (Fall 1897: 238), Santa Cruz (Fall & Davis 1934: 144)  
 6743 Digitized Records: Anacapa (1 SBMNH), San Miguel (3 SBMNH), Santa Cruz (3  
 6744 LACM; 35 SBMNH), Santa Rosa (5 SBMNH)  
 6745 Range: Also known from mainland (Howell 1985).  
 6746  
 6747 Listrini  
 6748  
 6749 Notes. Eleven genera and 171 species of Listrini are known to occur in California (M  
 6750 Gimmel, unpublished data).  
 6751  
 6752 *Listrus* Motschulsky, 1860  
 6753 Nomenclatural Authority: Gimmel & Mayor (in prep.)  
 6754 Literature Records (genus-only): San Clemente (Fall 1897: 238), Santa Barbara (Miller &  
 6755 Miller 1985: 126), Santa Rosa (Fall 1897: 238)  
 6756 Digitized Records (genus-only): Anacapa (1 SBMNH), San Clemente (74 LACM; 23

- 6757 SBMNH), San Miguel (26 SBMNH), Santa Catalina (11 LACM; 14 SBMNH), Santa Cruz (6  
6758 LACM; 60 SBMNH), Santa Rosa (8 SBMNH)
- 6759 Notes. Reported from *Coreopsis* (Asteraceae) on Santa Barbara Island by Miller & Miller  
6760 (1985). This genus currently contains 56 species known to occur in California (M Gimmel,  
6761 unpublished data). It is in desperate need of revision.
- 6762
- 6763 *Listrus anacapensis* Blaisdell, 1924
- 6764 Nomenclatural Authority: Gimmel & Mayor (in prep.)
- 6765 Literature Records: Anacapa (Blaisdell 1924a: 21; Miller 1985a: 20)
- 6766 Digitized Records: none
- 6767 Range: Endemic (Blaisdell 1924a; Miller 1985a).
- 6768 Notes. This species, along with all other *Listrus*, was inexplicably moved to the genus  
6769 *Amecocerus* by Pic (1937: 98), and was reported as *Amecocerus anacapensis* by Miller  
6770 (1985a).
- 6771
- 6772 *Listrus interruptus* LeConte, 1866
- 6773 Nomenclatural Authority: Gimmel & Mayor (in prep.)
- 6774 Literature Records: Santa Cruz (LeConte 1866c: 357)
- 6775 Digitized Records: none
- 6776 Range: Also known from mainland (Casey 1895).
- 6777 Notes. Casey (1895: 547): “This species extends westward to the crests of the Sierras in  
6778 California, but does not descend the western slope of the mountains.” The Santa Cruz  
6779 Island record was thought to be incorrect by Fall (1901: 127).
- 6780
- 6781 *Microasydates* Gimmel & Mayor, in press
- 6782 Nomenclatural Authority: Gimmel & Mayor (in press)
- 6783 Notes. This genus contains four species, all of which occur in California (Gimmel &  
6784 Mayor, in press). It was revised by Gimmel & Mayor (in press).
- 6785
- 6786 *Microasydates punctipennis* (LeConte, 1866)
- 6787 Nomenclatural Authority: Gimmel & Mayor (in press)
- 6788 Literature Records: Santa Catalina (LeConte 1866c: 355; Casey 1895: 532; Fall 1897:  
6789 237; Fall 1901: 126; Gimmel & Mayor, in press)
- 6790 Digitized Records: Santa Catalina (1 SBMNH)
- 6791 Range: Endemic (LeConte 1866c; Casey 1895; Fall 1901; Gimmel & Mayor, in press);  
6792 reported from mainland (Blaisdell 1930: 19), but based on a misidentification of *Asydates*  
6793 *kumeyaay* Mayor & Gimmel, 2019 (Gimmel & Mayor, in press).
- 6794 Notes. LeConte (1866c) and Fall (1897) recorded this species as *Pristoscelis*  
6795 *punctipennis*; Casey (1895) and Fall (1901) recorded it as *Trichochoous punctipennis*.  
6796

- 6797 *Microasydates sanclemente* Gimmel & Mayor, in press  
6798 Nomenclatural Authority: Gimmel & Mayor (in press)  
6799 Literature Records: San Clemente (Gimmel & Mayor, in press)  
6800 Digitized Records: San Clemente (7 SBMNH)  
6801 Range: Endemic (Gimmel & Mayor, in press).  
6802
- 6803 *Microasydates santabarbara* Gimmel & Mayor, in press  
6804 Nomenclatural Authority: Gimmel & Mayor (in press)  
6805 Literature Records: Anacapa (Gimmel & Mayor, in press), Santa Cruz (Gimmel &  
6806 Mayor, in press), Santa Rosa (Gimmel & Mayor, in press)  
6807 Digitized Records: Anacapa (9 SBMNH), Santa Cruz (9 SBMNH; 15 LACM), Santa  
6808 Rosa (3 LACM)  
6809 Range: Also known from mainland (Gimmel & Mayor, in press).  
6810
- 6811 *Pseudasydates* Blaisdell, 1938  
6812 Nomenclatural Authority: Gimmel & Mayor (in prep.)  
6813 Notes. The genus *Pseudasydates* contains two currently described species in California,  
6814 although there are additional species waiting to be described (M Gimmel & A Mayor,  
6815 unpublished data).  
6816
- 6817 *Pseudasydates explanatus* (Casey, 1895)  
6818 Nomenclatural Authority: Gimmel & Mayor (in prep.)  
6819 Literature Records: none  
6820 Digitized Records: Santa Catalina (11 LACM)  
6821 Range: Also known from mainland (M Gimmel & A Mayor, unpublished data).  
6822 Notes. The specimens from Santa Catalina Island, collected by George P. Kanakoff  
6823 (LACM) in 1941, are an unexpected outlier for this otherwise Mojave Desert-Central  
6824 Valley genus. Effort should be made to recollect it on the island during early spring.  
6825
- 6826 *Trichochrous* Motschulsky, 1860  
6827 Nomenclatural Authority: Gimmel & Mayor (in prep.)  
6828 Literature Records (genus-only): San Miguel (Miller & Davis 1986: 550), Santa Barbara  
6829 (Miller & Miller 1985: 126)  
6830 Notes. Miller & Miller (1985) reported 1–2 species of *Trichochrous* from Santa Barbara  
6831 Island, including from *Avena* (Poaceae) and *Frankenia* (Frankeniaceae). Miller & Davis (1986)  
6832 reported two undetermined species of this genus from San Miguel Island occurring on  
6833 *Malacothrix* (Malvaceae).  
6834
- 6835 *Trichochrous brevicornis* (LeConte, 1852)  
6836 Nomenclatural Authority: Gimmel & Mayor (in prep.)

- 6837 Literature Records: none
- 6838 Digitized Records: Santa Cruz (16 SBMNH), Santa Rosa (1 SBMNH)
- 6839 Range: Also known from mainland (M Gimmel & A Mayor, unpublished data).
- 6840
- 6841 *Trichochrous calcaratus* Fall, 1934
- 6842 Nomenclatural Authority: Gimmel & Mayor (in prep.)
- 6843 Literature Records: Anacapa (Cockerell 1940: 285; Miller 1985a: 20), San Miguel
- 6844 (Cockerell 1940: 285), Santa Cruz (Fall & Davis 1934: 144; Cockerell 1940: 285; Miller
- 6845 1985a: 20), Santa Rosa (Fall 1897: 237; Fall 1934: 143; Cockerell 1940: 285; Miller
- 6846 1985a: 20)
- 6847 Digitized Records: Anacapa (12 SBMNH), San Miguel (37 SBMNH), Santa Cruz (11
- 6848 LACM; 57 SBMNH), Santa Rosa (1 LACM; 35 SBMNH)
- 6849 Range: Endemic (Fall 1934; Cockerell 1940; Miller 1985a).
- 6850 Notes. Fall's (1897) record from Santa Rosa Island was reported as *Pristoscelis*
- 6851 *aenescens* [= *Trichochrous aenescens* (LeConte, 1852)] and almost certainly represents
- 6852 *T. calcaratus*. LeConte (1866c: 355) recorded *P. aenescens* from "San Diego and the
- 6853 Islands off Santa Barbara". Miller & Miller (1985: 132) reported that these records are in
- 6854 error. The populations on the four northern islands may each represent different endemic
- 6855 species (M Gimmel, unpublished data).
- 6856
- 6857 *Trichochrous pedalis* (LeConte, 1866)
- 6858 Nomenclatural Authority: Gimmel & Mayor (in prep.)
- 6859 Literature Records: Santa Catalina (LeConte 1866c: 355; Casey 1895: 529; Fall 1897:
- 6860 237; Fall 1901: 126; Cockerell 1940: 285; Miller 1985a: 20)
- 6861 Digitized Records: Santa Catalina (9 LACM; 3 SBMNH)
- 6862 Range: Also known from mainland (M Gimmel & A Mayor, unpublished data).
- 6863 Notes. LeConte (1866c) and Fall (1897) recorded this species as *Pristoscelis pedalis*; it
- 6864 was transferred to *Trichochrous* by Casey (1895). Records of this species from San
- 6865 Clemente by Fall (1897: 237), Cockerell (1940: 285), and Miller (1985a: 20) refer to the
- 6866 "undescribed species near *pedalis*" below. Seavey's (1892: 262) record of *Pristoscelis*
- 6867 *quadricollis* [= *Trichochrous quadricollis* (LeConte, 1859)] from Santa Catalina is in
- 6868 error and almost certainly represents this species; he reported that it was collected from
- 6869 *Heteromeles arbutifolia*. Fall (1897: 235) also doubted the validity of this identification.
- 6870 All prior authors have considered *T. pedalis* to be endemic to Santa Catalina Island;
- 6871 however, individuals from a population occurring in the Palos Verdes Hills in mainland
- 6872 Los Angeles County have been collected which are not diagnosable from the island
- 6873 populations, neither externally nor using male genitalia, which are otherwise diagnostic
- 6874 within the genus (M Gimmel & A Mayor, unpublished data).
- 6875
- 6876 *Trichochrous* undescribed species 1 near *brevicornis*

- 6877 Literature Records: none
- 6878 Digitized Records: Anacapa (1 SBMNH), San Miguel (1 LACM) Santa Cruz (4  
6879 SBMNH), Santa Rosa (12 SBMNH; 9 LACM)
- 6880 Range: Endemic (M Gimmel & A Mayor, unpublished data).
- 6881 Notes. In our record set, the identifications of this new species are listed merely as  
6882 “*Trichochrous*”.
- 6883
- 6884 *Trichochrous* undescribed species 2 near *brevicornis*
- 6885 Literature Records: none
- 6886 Digitized Records: San Nicolas (19 SBMNH; 1 LACM)
- 6887 Range: Endemic (M Gimmel & A Mayor, unpublished data).
- 6888 Notes. In our record set, the identifications of this new species are listed merely as  
6889 “*Trichochrous*”.
- 6890
- 6891 *Trichochrous* undescribed species near *pedalis*
- 6892 Literature Records: San Clemente (Fall 1897: 237; Cockerell 1940: 285; Miller 1985a:  
6893 20), Santa Barbara (Fall 1897: 237)
- 6894 Digitized Records: San Clemente (35 SBMNH), San Nicolas (40 SBMNH; 58 LACM),  
6895 Santa Barbara (18 LACM)
- 6896 Range: Endemic (M Gimmel & A Mayor, unpublished data).
- 6897 Notes. The San Clemente Island records were recorded as *T. pedalis* by Fall (1897),  
6898 Cockerell (1940), and Miller (1985a). Fall’s (1897) record from Santa Barbara Island was  
6899 of *Pristoscelis aenescens* [= *Trichochrous aenescens* (LeConte, 1852)] but almost  
6900 certainly represents this species. In our record set, the identifications of this new species  
6901 are listed merely as “*Trichochrous*”.
- 6902
- 6903 Malachiinae
- 6904
- 6905 Notes. Five tribes, 10 genera, and 91 species of Malachiinae are known to occur in  
6906 California (M Gimmel, unpublished data).
- 6907
- 6908 Apalochrini
- 6909
- 6910 Notes. One genus and 21 species of Apalochrini are known to occur in California (M  
6911 Gimmel, unpublished data).
- 6912
- 6913 *Collops* Erichson, 1840
- 6914 Nomenclatural Authority: A Mayor (2022, unpublished catalog)
- 6915 Digitized Records (genus-only): San Nicolas (1 SBMNH)

6916 Notes. Twenty-one species of *Collops* have been recorded from California (A Mayor,  
6917 2022, unpublished catalog). The genus-only record from San Nicolas Island above refers to a  
6918 larval specimen.

6919

6920 *Collops cribrosus* LeConte, 1852

6921 Nomenclatural Authority: A Mayor (2022, unpublished catalog)

6922 Literature Records: Santa Rosa (Fall 1897: 237)

6923 Digitized Records: San Miguel (1 SBMNH), Santa Cruz (32 SBMNH; 1 UCSB), Santa  
6924 Rosa (11 SBMNH)

6925 Range: Also known from mainland (A Mayor, 2022, unpublished catalog).

6926 Notes. Fall (1912) reported that this species lacks hind wings, but observation of  
6927 specimens in SBMNH reveal that hind wings are present in at least most specimens of  
6928 both sexes from both island and mainland populations. The wings extend about two-  
6929 thirds the length of the elytra (MLG, personal observation).

6930

6931 *Collops crusoae* Fall, 1910 (Fig. 5)

6932 Nomenclatural Authority: A Mayor (2022, unpublished catalog)

6933 Literature Records: San Nicolas (Fall 1910: 140; Fall 1912: 269; Cockerell 1940: 285;

6934 Miller 1985a: 20), Santa Cruz (Miller 1985a: 20), Santa Rosa (Miller 1985a: 20)

6935 Digitized Records: San Miguel (2 LACM), San Nicolas (60 LACM; 15 SBMNH; 3 iNat),  
6936 Santa Cruz (2 LACM), Santa Rosa (1 LACM)

6937 Range: Endemic (Fall 1910, 1912; Cockerell 1940; Miller 1985a).

6938 Notes. Fall (1912) reported that this species lacks hind wings. However, specimens in  
6939 SBMNH appear to have poorly developed hind wings in both sexes, extending about half  
6940 the length of the elytra (MLG, personal observation). Almost certainly they are flightless.

6941

6942 *Collops vittatus* (Say, 1823)

6943 Nomenclatural Authority: A Mayor (2022, unpublished catalog)

6944 Literature Records: none

6945 Digitized Records: Santa Catalina (3 SBMNH)

6946 Range: Also known from mainland (A Mayor, 2022, unpublished catalog).

6947 Notes. Island specimens of both sexes of this species present in SBMNH are fully winged  
6948 (MLG, personal observation).

6949

6950 Attalini

6951

6952 Notes. Three genera and 38 species of Attalini are known to occur in California (M  
6953 Gimmel, unpublished data).

6954

6955 *Attalus* Erichson, 1840

- 6956 Nomenclatural Authority: A Mayor (2022, unpublished catalog)  
6957 Notes. Seventeen described species of *Attalus* are known from California (A Mayor,  
6958 2022, unpublished catalog). The two species below may prove to belong to the genus *Attalusinus*  
6959 Leng, 1918 (tribe Troglopini) upon further study. The latter genus contains one described species  
6960 in California (A Mayor, 2022, unpublished catalog).  
6961  
6962 *Attalus transmarinus* Fall, 1898  
6963 Nomenclatural Authority: A Mayor (2022, unpublished catalog)  
6964 Literature Records: San Clemente (Fall 1897: 237; Fall 1901: 125; Miller 1985a: 20)  
6965 Digitized Records: none  
6966 Range: Endemic (Fall 1897, 1901; Miller 1985a).  
6967 Notes. Fall (1897) originally recorded this species as *Attalus subfasciatus* Fall, 1897; this  
6968 was, however, discovered to be a homonym and replaced with *A. transmarinus* by Fall  
6969 (1898b: 267). Champion (1914: 65) subsequently and unnecessarily proposed *Attalus*  
6970 *falli* Champion, 1914 as a replacement name.  
6971  
6972 *Attalus* undescribed species  
6973 Nomenclatural Authority: A Mayor (2021, pers. comm.)  
6974 Literature Records: none  
6975 Digitized Records: San Clemente (1 iNat)  
6976 Range: Endemic (A Mayor, 2021, pers. comm.).  
6977 Notes. This record is based on the specimen of *Attalus* on iNaturalist here  
6978 ([www.inaturalist.org/observations/71409011](http://www.inaturalist.org/observations/71409011)), which has been confirmed to belong to an  
6979 undescribed species (A Mayor, 2021, pers. comm.).  
6980  
6981 *Endeodes* LeConte, 1859  
6982 Nomenclatural Authority: A Mayor (2022, unpublished catalog)  
6983 Notes. The genus *Endeodes* contains three species recorded from California (A Mayor,  
6984 2022, unpublished catalog), all of which are flightless and beach-dwelling, and all of which are  
6985 represented on the Channel Islands.  
6986  
6987 *Endeodes basalis* (LeConte, 1852)  
6988 Nomenclatural Authority: Moore & Legner (1975)  
6989 Literature Records: Santa Catalina (Fall 1897: 237)  
6990 Digitized Records: San Clemente (6 SBMNH), San Miguel (15 SBMNH), San Nicolas  
6991 (14 SBMNH), Santa Cruz (14 SBMNH), Santa Rosa (9 SBMNH)  
6992 Range: Also known from mainland (Moore & Legner 1975).  
6993 Notes. This species was reported by Fall (1897) as *Endeodes abdominalis* (LeConte,  
6994 1852), which is now considered a junior synonym of *E. basalis* (see Moore & Legner

- 6995 1975). Some SBMNH specimens from San Miguel and Santa Rosa are nearly all-black  
 6996 (MLG, personal observation).  
 6997  
 6998 *Endeodes collaris* (LeConte, 1852)  
 6999 Nomenclatural Authority: Moore & Legner (1975)  
 7000 Literature Records: Santa Catalina (Fall 1901: 124), Santa Rosa (Fall 1897: 237)  
 7001 Digitized Records: Santa Rosa (1 SBMNH)  
 7002 Range: Also known from mainland (Fall 1901; Moore & Legner 1975).  
 7003 Notes. Fall (1897: 240) noted an undetermined *Endeodes* from Santa Rosa that was based  
 7004 on one almost entirely black specimen, which may be a color variety of *E. collaris*.  
 7005  
 7006 *Endeodes insularis* Blackwelder, 1932  
 7007 Nomenclatural Authority: Moore & Legner (1975)  
 7008 Literature Records: San Miguel (Blackwelder 1932: 134; Moore 1954: 198; Moore &  
 7009 Legner 1975: 80), Santa Catalina (Fall 1897: 237)  
 7010 Digitized Records: San Nicolas (1 SBMNH), Santa Rosa (5 SBMNH)  
 7011 Range: Also known from mainland (Moore 1954).  
 7012 Notes. The Santa Catalina record from Fall (1897) is based on a specimen cited as an  
 7013 undetermined *Endeodes* taken during July and possessing very minute elytra; this almost  
 7014 certainly refers to *E. insularis*. This species was originally thought to be endemic to the  
 7015 islands until it was collected on the mainland in Gaviota State Park, Santa Barbara  
 7016 County by Moore (1954).  
 7017  
 7018 Ebaeini  
 7019  
 7020 Notes. Three genera and five species of Ebaeini are known to occur in California (M  
 7021 Gimmel, unpublished data).  
 7022  
 7023 *Charopus* Erichson, 1840  
 7024 Nomenclatural Authority: A Mayor (2022, unpublished catalog)  
 7025 Notes. The genus *Charopus* contains two described species known from California (A  
 7026 Mayor, 2022, unpublished catalog), plus the undescribed species below.  
 7027  
 7028 *Charopus* undescribed species  
 7029 Nomenclatural Authority: A Mayor (2021, pers. comm.)  
 7030 Literature Records: Santa Catalina (Fall 1917: 78)  
 7031 Digitized Records: Santa Cruz (3 SBMNH)  
 7032 Range: Also known from mainland (A Mayor, 2021, pers. comm.).  
 7033 Notes. Recorded by Fall (1917) as *Microlipus longicollis* (now *Charopus longicollis*  
 7034 Motschulsky, 1860). However, according to A Mayor (2021, pers. comm.), the island

7035 populations represent an undescribed species of *Charopus* that also occurs on the  
7036 mainland.

7037

7038 **Malachiini**

7039

7040 Notes. Two genera and 26 species of Malachiini have been recorded from  
7041 California (M Gimmel, unpublished data).

7042

7043 “*Malachius*” Fabricius, 1775

7044 Nomenclatural Authority: A Mayor (2022, unpublished catalog)

7045 Notes. Twenty-one species of *Malachius* have been reported from California (A Mayor,  
7046 2022, unpublished catalog). All native North American species currently placed in this genus  
7047 will soon be reassigned to *Hapalorhinus* LeConte, 1859.

7048

7049 “*Malachius*” undetermined species

7050 Literature Records: Santa Rosa (Fall 1897: 237)

7051 Digitized Records: none

7052 Notes. The genus *Malachius* has not been recorded from the Channel Islands since Fall’s  
7053 (1897) record of “*Malachius*, sp. nov.?” from Santa Rosa (A Mayor, 2021, pers. comm.).  
7054 Fall’s original specimens, if still extant, should be reexamined.

7055

7056 *Microlipus* LeConte, 1852

7057 Nomenclatural Authority: A Mayor (2022, unpublished catalog)

7058 Notes. Five species of the genus *Microlipus* have been reported from California (A  
7059 Mayor, 2022, unpublished catalog).

7060

7061 *Microlipus laticeps* LeConte, 1852

7062 Nomenclatural Authority: A Mayor (2022, unpublished catalog)

7063 Literature Records: none

7064 Digitized Records: San Miguel (1 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (6  
7065 SBMNH; 1 UCSB), Santa Rosa (13 SBMNH)

7066 Range: Also known from mainland (A Mayor, 2022, unpublished catalog).

7067

7068 **Trogossitidae**

7069

7070 Notes. The family Trogossitidae, as delimited by Gimmel et al. (2019), contains two  
7071 subfamilies, seven genera, and 26 species in California (Barron 1971; M Gimmel, unpublished  
7072 data). These species were keyed by Barron (1971).

7073

7074 Trogossitinae

7075

7076 Notes. Six genera and 24 species of Trogossitinae are known to occur in California  
7077 (Barron 1971; M Gimmel, unpublished data).

7078

7079 *Temnoscheila* Westwood, 1830

7080 Nomenclatural Authority: Kolibáč (2013)

7081 Notes. The genus *Temnoscheila*, often misspelled *Temnochila*, contains six species in  
7082 California (Barron 1971).

7083

7084 *Temnoscheila chlorodia* (Mannerheim, 1843)

7085 Nomenclatural Authority: Barron (1971); Kolibáč (2013)

7086 Literature Records: Santa Cruz (Barron 1971: 84)

7087 Digitized Records: Santa Cruz (1 LACM; 1 SBMNH; 6 UCSB)

7088 Range: Also known from mainland (Barron 1971).

7089 Notes. Barron (1971) recorded this species as *Temnochila chlorodia*.

7090

7091 *Tenebroides* Piller & Mitterpacher, 1783

7092 Nomenclatural Authority: Kolibáč (2013)

7093 Notes. The genus *Tenebroides* contains six species in California (M Gimmel,  
7094 unpublished data).

7095

7096 *Tenebroides crassicornis* (Horn, 1862)

7097 Nomenclatural Authority: Barron (1971); Kolibáč (2013)

7098 Literature Records: Santa Cruz (Barron 1971: 97)

7099 Digitized Records: none

7100 Range: Also known from mainland (Barron 1971).

7101

7102 *Tenebroides occidentalis* Fall, 1910

7103 Nomenclatural Authority: Barron (1971); Kolibáč (2013)

7104 Literature Records: none

7105 Digitized Records: Santa Cruz (9 SBMNH; 2 UCSB)

7106 Range: Also known from mainland (Barron 1971).

7107

## 7108 TENEBRIONOIDEA

7109

### 7110 Anthicidae

7111

7112 Notes. Three subfamilies, 20 genera, and 99 species of Anthicidae are known to occur in  
7113 California (M Gimmel, unpublished data).

7114

7115 Anthicinae

7116

7117 Notes. Twelve genera and 53 species of Anthicinae are known to occur in California (M  
7118 Gimmel, unpublished data).

7119

7120 *Amblyderus* LaFerté-Sénéctère, 1849

7121 Nomenclatural Authority: Chandler (2002)

7122 Notes. Two species of *Amblyderus* have been recorded from California (Chandler 1999).

7123 The species of this genus were treated for North America by Chandler (1999).

7124

7125 *Amblyderus obesus* Casey, 1895

7126 Nomenclatural Authority: Chandler (1999)

7127 Literature Records: San Nicolas (Chandler 1999: 282)

7128 Digitized Records: San Miguel (1 SBMNH), San Nicolas (2 SBMNH)

7129 Range: Also known from mainland (Chandler 1999).

7130

7131 *Amblyderus parviceps* Casey, 1895

7132 Nomenclatural Authority: Chandler (1999)

7133 Literature Records: none

7134 Digitized Records: Santa Cruz (5 SBMNH), Santa Rosa (2 SBMNH)

7135 Range: Also known from mainland (Chandler 1999).

7136

7137 *Anthicus* Paykull, 1798

7138 Nomenclatural Authority: Chandler (2002)

7139 Literature Records (genus-only): San Clemente (Fall 1897: 239), Santa Catalina (Fall  
7140 1897: 239)

7141 Notes. Twenty-one species of *Anthicus* are known to occur in California (M Gimmel,  
7142 unpublished data). The species were treated for North America by Werner (1964). The above  
7143 two island records were referred to as "*Anthicus* sp." by Fall (1897).

7144

7145 *Anthicus cribratus* LeConte, 1851

7146 Nomenclatural Authority: Werner (1964)

7147 Literature Records: Santa Cruz (Werner 1964: 215)

7148 Digitized Records: Santa Cruz (11 SBMNH)

7149 Range: Also known from mainland (Werner 1964).

7150

7151 *Anthicus maritimus* LeConte, 1851

7152 Nomenclatural Authority: Werner (1964)

7153 Literature Records: none

7154 Digitized Records: San Nicolas (9 SBMNH)

- 7155 Range: Also known from mainland (Werner 1964).  
7156  
7157 *Anthicus nanus* LeConte, 1851  
7158 Nomenclatural Authority: Werner (1964)  
7159 Literature Records: none  
7160 Digitized Records: Santa Catalina (3 SBMNH), Santa Cruz (10 SBMNH)  
7161 Range: Also known from mainland (Werner 1964).  
7162  
7163 *Anthicus punctulatus* LeConte, 1851  
7164 Nomenclatural Authority: Werner (1964)  
7165 Literature Records: none  
7166 Digitized Records: San Clemente (3 SBMNH), Santa Catalina (9 SBMNH), Santa Cruz  
7167 (2 SBMNH)  
7168 Range: Also known from mainland (Werner 1964).  
7169  
7170 *Anthicus rufulus* LeConte, 1851  
7171 Nomenclatural Authority: Werner (1964)  
7172 Literature Records: none  
7173 Digitized Records: Santa Catalina (5 SBMNH)  
7174 Range: Also known from mainland (Werner 1964).  
7175  
7176 *Cyclodinus* Mulsant & Rey, 1866  
7177 Nomenclatural Authority: Chandler (2002)  
7178 Notes. Five species of *Cyclodinus* have been recorded from California (Chandler 2005).  
7179 The genus was revised for the New World by Chandler (2005).  
7180  
7181 *Cyclodinus annectens* (LeConte, 1851)  
7182 Nomenclatural Authority: Chandler (2005)  
7183 Literature Records: San Clemente (Fall 1897: 239; Fall 1901: 181), Santa Catalina (Fall  
7184 1897: 239; Fall 1901: 181; Chandler 2005: 7)  
7185 Digitized Records: Santa Catalina (1 SBMNH)  
7186 Range: Also known from mainland (Fall 1901; Chandler 2005).  
7187 Notes. Fall (1897, 1901) recorded this species as *Anthicus californicus* LaFerté-  
7188 Sénéctère, 1849. However, this name actually applies to an eastern North American  
7189 species now placed in the genus *Cyclodinus* Mulsant & Rey, 1866 (see Chandler 2005).  
7190 The Channel Island records of this species almost certainly pertain to *C. annectens*.  
7191  
7192 *Ischyropalpus* LaFerté-Sénéctère, 1849  
7193 Nomenclatural Authority: Chandler (2002)

7194 Notes. Five species of *Ischyropalpus* are known to occur in California (M Gimmel,  
7195 unpublished data). The species of this genus were revised for North America by Werner (1973).

7196

7197 *Ischyropalpus nitidulus* (LeConte, 1851)

7198 Nomenclatural Authority: Werner (1973)

7199 Literature Records: Santa Catalina (Werner 1973: 1060), Santa Cruz (Werner 1973:  
7200 1060)

7201 Digitized Records: Anacapa (1 LACM), Santa Catalina (4 LACM), Santa Cruz (20  
7202 SBMNH)

7203 Range: Also known from mainland (Werner 1973).

7204

7205 *Omonadus* Mulsant & Rey, 1866

7206 Nomenclatural Authority: Chandler (2002)

7207 Notes. Two adventive species of *Omonadus* have been recorded from California (Werner  
7208 1964). The species were revised for North America by Werner (1964; as part of *Anthicus*).

7209

7210 *Omonadus floralis* (Linnaeus, 1758)

7211 Nomenclatural Authority: Werner (1964); Chandler (2002)

7212 Literature Records: Santa Catalina (Cockerell 1940: 285)

7213 Digitized Records: none

7214 Range: Also known from mainland (Cockerell 1940; Werner 1964).

7215 Notes. This species is introduced from the Old World (Chandler 2002). Cockerell (1940)  
7216 recorded it as *Hemantus floralis*, and Werner (1964) treated it as *Anthicus floralis*.

7217

7218 Notoxinae

7219

7220 Notes. Two genera and 24 species of Notoxinae have been recorded from  
7221 California (Chandler 1983; M Gimmel, unpublished data).

7222

7223 *Notoxus* Geoffroy, 1762

7224 Nomenclatural Authority: Chandler (2002)

7225 Digitized Records (genus-only): Santa Catalina (8 LACM), Santa Rosa (1 LACM; 5  
7226 SBMNH)

7227 Notes. Twenty-three species of *Notoxus* have been recorded from California (Chandler  
7228 1983). The North American species were revised by Chandler (1982).

7229

7230 *Notoxus desertus* Casey, 1895

7231 Nomenclatural Authority: Chandler (1983)

7232 Literature Records: Santa Catalina (Fall 1897: 238)

7233 Digitized Records: Santa Catalina (8 SBMNH), Santa Cruz (11 SBMNH), Santa Rosa (1

7234 SBMNH)  
 7235 Range: Also known from mainland (Chandler 1983).  
 7236 Notes. This species was recorded as *Notoxus constrictus* Casey, 1895 by Fall (1897),  
 7237 which is now treated as a junior synonym of *N. desertus* (see Chandler 1983: 354).

7238  
 7239 *Notoxus sparsus* LeConte, 1859

7240 Nomenclatural Authority: Chandler (1983)  
 7241 Literature Records: Santa Cruz (Chandler 1983: 395)  
 7242 Digitized Records: none  
 7243 Range: Also known from mainland (Chandler 1983).

7244

7245 **Ciidae**

7246

7247 Notes. Two subfamilies, nine genera, and 27 species of Ciidae have been recorded from  
 7248 California (Lawrence 1982). The North American species were monographed by Lawrence  
 7249 (1971), treated for California by Lawrence (1974), and cataloged for North America by  
 7250 Lawrence (1982). Lopes-Andrade et al. (2016) made additional taxonomic changes affecting the  
 7251 California species.

7252

7253 Ciinae: Ciini

7254

7255 Notes. Two tribes, eight genera, and 26 species of Ciinae, seven genera and 25 species  
 7256 belonging to Ciini, have been recorded from California (Lawrence 1982).

7257

7258 *Ceracis* Mellié, 1848

7259 Nomenclatural Authority: Lawrence (1982)

7260 Notes. Two species of *Ceracis* have been recorded from California (Lawrence 1982).

7261

7262 *Ceracis californicus* (Casey, 1884)

7263 Nomenclatural Authority: Lawrence (1971); Lawrence (1974)

7264 Literature Records: none

7265 Digitized Records: Santa Rosa (1 SBMNH)

7266 Range: Also known from mainland (Lawrence 1971, 1974).

7267 Notes. This widespread species has not been reported from the islands in the literature,  
 7268 but is well-known from coastal California and the western half of North America  
 7269 (Lawrence 1971, 1974).

7270

7271 *Cis* Latreille, 1796

7272 Nomenclatural Authority: Lawrence (1982)

7273 Notes. Seventeen species of *Cis* have been recorded from California (Lawrence 1982).

7274

7275 *Cis* undetermined species

7276 Literature Records: Santa Catalina (Fall 1897: 238)

7277 Digitized Records: none

7278 Notes. Fall (1897) recorded “*Cis* sp.” from Santa Catalina. There are 17 species of this  
7279 genus reported from California (M Gimmel, unpublished data), but we know of no  
7280 additional specimens or literature records from the Channel Islands.

7281

7282 *Hadreule* Thomson, 1859

7283 Nomenclatural Authority: Lopes-Andrade et al. (2016)

7284 Notes. One species of *Hadreule* has been recorded from California (Lawrence 1982). In  
7285 many publications, including those of Lawrence (1971, 1974, 1982), the genus has been  
7286 misspelled and misattributed as *Hadraule* Thomson, 1863, but the proper spelling and attribution  
7287 are *Hadreule* Thomson, 1859 (see Lopes-Andrade et al. 2016: 359).

7288

7289 *Hadreule blaisdelli* (Casey, 1900)

7290 Nomenclatural Authority: Lawrence (1971); Lawrence (1974)

7291 Literature Records: none

7292 Digitized Records: Santa Cruz (1 SBMNH)

7293 Range: Also known from mainland (Lawrence 1971, 1974).

7294 Notes. This widespread species and occasional herbarium pest has not been reported from  
7295 the islands in the literature, but it is well documented from California and the rest of  
7296 North America (Lawrence 1971, 1974).

7297

7298 *Orthocis* Casey, 1898

7299 Nomenclatural Authority: Lawrence (1982)

7300 Notes. One species of *Orthocis* has been recorded from California (Lawrence 1982).

7301

7302 *Orthocis punctatus* (Mellié, 1848)

7303 Nomenclatural Authority: Lawrence (1971); Lawrence (1974)

7304 Literature Records: none

7305 Digitized Records: Santa Catalina (2 SBMNH), Santa Rosa (7 SBMNH)

7306 Range: Also known from mainland (Lawrence 1971, 1974).

7307 Notes. This widespread species has not been reported from the islands in the literature,  
7308 but the town of Santa Barbara was cited as a known locality by Lawrence (1971: 486,  
7309 1974: 19).

7310

7311 *Sulcaxis* Dury, 1917

7312 Nomenclatural Authority: Lawrence (1982)

7313 Notes. One species of *Sulcaxis* has been recorded from California (Lawrence 1982).

7314

7315 *Sulcaxis curtulus* (Casey, 1898)

7316 Nomenclatural Authority: Lawrence (1971); Lawrence (1974)

7317 Literature Records: none

7318 Digitized Records: Santa Cruz (1 SBMNH)

7319 Range: Also known from mainland (Lawrence 1971, 1974).

7320 Notes. This widespread species has not been reported from the islands in the literature,  
 7321 but it is well documented from coastal California and across North America (Lawrence  
 7322 1971, 1974).

7323

7324 **Meloidae**

7325

7326 Notes. Two subfamilies, 18 genera, and 122 species of Meloidae are known to occur in  
 7327 California (M Gimmel, unpublished data).

7328

7329 Meloinae

7330

7331 Notes. Twelve genera and 85 species of Meloinae are known to occur in California (M  
 7332 Gimmel, unpublished data).

7333

7334 *Cordylospasta* Horn, 1875

7335 Nomenclatural Authority: Pinto (1972)

7336 Notes. Two species of *Cordylospasta* have been recorded from California (Pinto 1972).  
 7337 The genus was revised by Pinto (1972).

7338

7339 *Cordylospasta opaca* (Horn, 1868)

7340 Nomenclatural Authority: Pinto (1972)

7341 Literature Records: Santa Cruz (Pinto 1972: 1170)

7342 Digitized Records: none

7343 Range: Also known from mainland (Pinto 1972).

7344

7345 *Epicauta* Dejean, 1834

7346 Nomenclatural Authority: Pinto (1991)

7347 Notes. Pinto (1991) provided keys to all North and Central American species of this large  
 7348 genus, of which 25 species have been recorded from California in two subgenera, *Epicauta*  
 7349 (*s.str.*) and *Macrobasis* LeConte, 1862 (M Gimmel, unpublished data).

7350

7351 *Epicauta (Epicauta) puncticollis* Mannerheim, 1843

7352 Nomenclatural Authority: Pinto (1991)

7353 Literature Records: Santa Rosa (Ballmer 1980: 79 [map])

- 7354 Digitized Records: Santa Rosa (21 LACM; 2 SBMNH)  
7355 Range: Also known from mainland (Ballmer 1980; Pinto 1991).  
7356  
7357 *Lytta* Fabricius, 1775  
7358 Nomenclatural Authority: Selander (1960)  
7359 Notes. Thirty species of *Lytta* have been recorded from California, belonging to the  
7360 subgenera *Adicolytta* Selander, 1960, *Paralytta* Selander, 1960, and *Poreospasta* Horn, 1868  
7361 (Selander 1960). The species of this genus were monographed by Selander (1960).  
7362  
7363 *Lytta (Poreospasta) stygica* (LeConte, 1851)  
7364 Nomenclatural Authority: Selander (1960)  
7365 Literature Records: none  
7366 Digitized Records: San Clemente (1 SBMNH)  
7367 Range: Also known from mainland (Selander 1960).  
7368  
7369 *Meloe* Linnaeus, 1758  
7370 Nomenclatural Authority: Pinto & Selander (1970)  
7371 Literature Records (genus-only): Santa Catalina (Fall 1897: 239)  
7372 Notes. Eleven species of *Meloe* have been recorded from California, belonging to the  
7373 subgenera *Meloe (s.str.)* and *Treiodous* Dugès, 1869 (M Gimmel, unpublished data). The species  
7374 of this genus were monographed for the New World by Pinto & Selander (1970). Although listed  
7375 separately as “*Meloe* sp.”, Fall’s (1897) record probably refers to *M. barbarus*.  
7376  
7377 *Meloe (Meloe) strigulosus* Mannerheim, 1852  
7378 Nomenclatural Authority: Pinto & Selander (1970)  
7379 Literature Records: San Miguel (Cockerell 1940: 285; Pinto & Selander 1970: 159)  
7380 Digitized Records: San Miguel (2 SBMNH)  
7381 Range: Also known from mainland (Pinto & Selander 1970).  
7382 Notes. Triungulin larvae of this species have been reported as phoretic both on flower-  
7383 visiting bee hosts and other taxa such as flies to travel from flower to flower (Pinto et al.  
7384 2020). It is worth noting that the single known island that this species inhabits is the only  
7385 island where *M. barbarus* is not known to occur.  
7386  
7387 *Meloe (Treiodous) barbarus* LeConte, 1861  
7388 Nomenclatural Authority: Pinto & Selander (1970)  
7389 Literature Records: San Clemente (Van Dyke 1928: 445; Pinto & Selander 1970: 120;  
7390 Huether & Huether 2015: 162; Miller & Miller 1985: 128), San Nicolas (Miller & Miller  
7391 1985: 128), Santa Barbara (LeConte 1861: 354; Van Dyke 1928: 445; Fall 1897: 239;  
7392 Fall 1901: 183; Cockerell 1940: 285; Pinto & Selander 1970: 120; Miller & Miller 1985:

7393 128), Santa Catalina (Pinto & Selander 1970: 120; Miller & Miller 1985: 128), Santa  
 7394 Cruz (Miller & Miller 1985: 128)  
 7395 Digitized Records: San Clemente (3 LACM), San Nicolas (1 SBMNH), Santa Catalina (2  
 7396 LACM), Santa Cruz (1 UCRC), Santa Rosa (1 UCRC)  
 7397 Range: Also known from mainland (Cockerell 1940; Pinto & Selander 1970).  
 7398 Notes. This species, originally described from Santa Barbara Island and thought to be  
 7399 endemic, was shown to be widespread in the Pacific coast states by Pinto & Selander  
 7400 (1970).

7401

7402

### Mordellidae

7403

7404

7405

7406

7407

7408

7409

7410

Notes. Two tribes, four genera, and twenty-six species of Mordellidae are known to occur  
 in California (Bright 1986; M Gimmel, unpublished data). The family was revised for North  
 America by Liljeblad (1945) and cataloged for North America by Bright (1986). However,  
 generic concepts around *Mordellistena* have changed significantly since those publications.

### Mordellini

7411

7412

7413

7414

Notes. One genus and three species of Mordellini have been recorded from California  
 (Bright 1986).

### *Mordella* Linnaeus, 1758

7415

7416

7417

Nomenclatural Authority: Bright (1986)

Notes. Three species of *Mordella* have been recorded from California (Bright 1986).

7418 *Mordella albosuturalis* Liljeblad, 1922

7419 Nomenclatural Authority: Liljeblad (1945)

7420 Literature Records: none

7421 Digitized Records: Santa Cruz (1 SBMNH)

7422 Range: Also known from mainland (Liljeblad 1945).

7423

7424 *Mordella hubbsi* Liljeblad, 1922

7425 Nomenclatural Authority: Liljeblad (1945)

7426 Literature Records: Santa Cruz (Naughton et al. 2014: 304)

7427 Digitized Records: Santa Cruz (2 LACM; 4 SBMNH)

7428 Range: Also known from mainland (Liljeblad 1945).

7429

7430

### Mordellistenini

7431

7432 Notes. Three genera and 23 species of Mordellistenini are known to occur in California  
7433 (Bright 1986).

7434

7435 *Mordellina* Schilsky, 1908

7436 Nomenclatural Authority: Lisberg (2003)

7437 Notes. Six species now placed in *Mordellina* have been recorded from California (Bright  
7438 1986; Lisberg 2003).

7439

7440 *Mordellina* undetermined species

7441 Literature Records: none

7442 Digitized Records: San Clemente (10 SBMNH), San Miguel (6 LACM), San Nicolas (9

7443 SBMNH), Santa Barbara (3 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (4

7444 SBMNH), Santa Rosa (5 SBMNH)

7445 Notes. Characters used to separate putative species of *Mordellina* from *Mordellistena* in  
7446 the SBMNH collection were those outlined by Lisberg (2003), who noted that additional  
7447 species require transfer from *Mordellistena* to *Mordellina*. Because of this issue and the  
7448 lack of a modern revision, no attempt was made to determine these specimens to species.

7449

7450 *Mordellistena* Costa, 1854

7451 Nomenclatural Authority: Bright (1986)

7452 Notes. Sixteen species currently placed in *Mordellistena* are known to occur in California  
7453 (M Gimmel, unpublished data).

7454

7455 *Mordellistena* undetermined species

7456 Literature Records: Santa Barbara (Miller & Miller 1985: 128), Santa Catalina (Fall  
7457 1897: 238), Santa Cruz (Naughton et al. 2014: 304)

7458 Digitized Records: Anacapa (6 SBMNH), San Clemente (1 SBMNH), San Nicolas (1

7459 SBMNH), Santa Barbara (2 SBMNH), Santa Catalina (7 SBMNH), Santa Cruz (3

7460 SBMNH), Santa Rosa (2 SBMNH)

7461 Notes. Fall (1897) listed two separate undetermined species of *Mordellistena* from Santa  
7462 Catalina; Miller & Miller (1985) indicated that the Santa Barbara Island species belongs  
7463 to a group including *Mordellistena nubila* (LeConte, 1858), *Mordellistena ruficeps*  
7464 LeConte, 1862, and *Mordellistena subfuscus* Liljeblad, 1945. MLG notes that there are at  
7465 least four morphospecies of *Mordellistena* represented among island material in  
7466 SBMNH, including an undescribed apterous species based on four specimens from San  
7467 Clemente (1), San Nicolas (1), and Santa Barbara (2) islands.

7468

7469 **Mycetophagidae, NEW FAMILY RECORD**

7470

7471 Notes. Two subfamilies, four genera, and seven species of Mycetophagidae have been  
7472 recorded from California (Parsons 1975). The North American fauna was revised by Parsons  
7473 (1975).

7474

7475 Mycetophaginae

7476

7477 Notes. Three genera and six species of Mycetophaginae have been recorded from  
7478 California (Parsons 1975).

7479

7480 *Litargus* Erichson, 1846

7481 Nomenclatural Authority: Young (2002)

7482 Notes. One species of *Litargus* has been recorded from California (Parsons 1975).

7483

7484 *Litargus balteatus* LeConte, 1856

7485 Nomenclatural Authority: Parsons (1975)

7486 Literature Records: none

7487 Digitized Records: Santa Cruz (4 SBMNH), Santa Rosa (6 SBMNH)

7488 Range: Also known from mainland (Parsons 1975).

7489 Notes. This is a cosmopolitan species (Parsons 1975), but is presumably native to North  
7490 America.

7491

7492 *Mycetophagus* Hellwig, 1792

7493 Nomenclatural Authority: Young (2002)

7494 Notes. Four species of *Mycetophagus* have been recorded from California, belonging to  
7495 three subgenera, *Gratusus* Casey, 1900, *Mycetophagus* (*s.str.*), and *Parilendus* Casey, 1900  
7496 (Parsons 1975).

7497

7498 *Mycetophagus* (*Gratusus*) *pluriguttatus* LeConte, 1856

7499 Nomenclatural Authority: Parsons (1975)

7500 Literature Records: none

7501 Digitized Records: Santa Cruz (4 SBMNH), Santa Rosa (3 SBMNH)

7502 Range: Also known from mainland (Parsons 1975).

7503

7504 *Typhaea* Curtis, 1830

7505 Nomenclatural Authority: Young (2002)

7506 Notes. One species of *Typhaea* has been recorded from California (Parsons 1975).

7507

7508 *Typhaea stercorea* (Linnaeus, 1758)

7509 Nomenclatural Authority: Parsons (1975)

7510 Literature Records: none

7511 Digitized Records: Santa Catalina (1 iNat)  
7512 Range: Also known from mainland (Parsons 1975).  
7513 Notes. This is a cosmopolitan species (Parsons 1975), presumably Palearctic in origin.  
7514

### 7515 **Mycteridae**

7516  
7517 Notes. Three subfamilies, three genera, and six species of Mycteridae have been recorded  
7518 from California (M Gimmel, unpublished data).  
7519

### 7520 Eurypinae

7521  
7522 Notes. One genus and species of Eurypinae has been recorded from California (Pollock &  
7523 Majka 2012).  
7524

### 7525 *Lacconotus* LeConte, 1862

7526 Nomenclatural Authority: Pollock & Majka (2012)

7527 Notes. One species of *Lacconotus* has been recorded from California, belonging to the  
7528 subgenus *Alcconotus* Pollock & Majka, 2012 (Pollock & Majka 2012). The North American  
7529 species were reviewed by Pollock & Majka (2012).  
7530

7531 *Lacconotus (Alcconotus) pinicola* Horn, 1879

7532 Nomenclatural Authority: Pollock & Majka (2012)

7533 Literature Records: Santa Catalina (Pollock & Majka 2012: 21), Santa Cruz (Pollock &  
7534 Majka 2012: 22; Naughton et al. 2014: 304)

7535 Digitized Records: Santa Catalina (2 SBMNH), Santa Cruz (5 SBMNH)

7536 Range: Also known from mainland (Pollock & Majka 2012).  
7537

### 7538 **Oedemeridae, NEW FAMILY RECORD**

7539  
7540 Notes. Two subfamilies, 13 genera, and 33 species of Oedemeridae are known to occur in  
7541 California (M Gimmel, unpublished data). Most of the North American fauna of Oedemeridae  
7542 was treated by Arnett (1951).  
7543

### 7544 Oedemerinae

7545  
7546 Notes. Eleven genera and 31 species of Oedemerinae are known to occur in California  
7547 (M Gimmel, unpublished data).  
7548

### 7549 Asclerini

7550

7551 Notes. Eight genera and 24 species of Asclerini are known to occur in California (M  
7552 Gimmel, unpublished data).

7553

7554 *Copidita* LeConte, 1866

7555 Nomenclatural Authority: Arnett (1951)

7556 Notes. One species of *Copidita* has been recorded from California (Arnett 1951).

7557

7558 *Copidita quadrimaculata* (Motschulsky, 1853)

7559 Nomenclatural Authority: Arnett (1951)

7560 Literature Records: none

7561 Digitized Records: San Clemente (2 SBMNH), San Miguel (2 LACM; 16 SBMNH), San

7562 Nicolas (3 LACM; 1 SBMNH), Santa Catalina (4 LACM; 1 SBMNH), Santa Cruz (33

7563 LACM; 3 SBMNH), Santa Rosa (1 LACM; 8 SBMNH)

7564 Range: Also known from mainland (Arnett 1951).

7565 Notes. This is a widespread beach-dwelling species on the Pacific coast of North America  
7566 (Arnett 1951).

7567

7568 *Nacerdini*

7569

7570 Notes. Two genera and five species of *Nacerdini* have been recorded from California  
7571 (Arnett 1951).

7572

7573 *Nacerdes* Dejean, 1834

7574 Nomenclatural Authority: Arnett (1951)

7575 Notes. One species of *Nacerdes* has been recorded from California (Arnett 1951).

7576

7577 *Nacerdes melanura* (Linnaeus, 1758)

7578 Nomenclatural Authority: Arnett (1951)

7579 Literature Records: none

7580 Digitized Records: Santa Catalina (1 LACM)

7581 Range: Also known from mainland (Arnett 1951).

7582 Notes. Known as the wharf borer, this species is adventive in North America, and  
7583 probably occurs on coasts worldwide (Arnett 1951).

7584

7585 *Xanthochroa* Schmidt, 1846

7586 Nomenclatural Authority: Arnett (1951)

7587 Notes. Four species of *Xanthochroa* have been recorded from California (Arnett 1951).

7588

7589 *Xanthochroa marina* Horn, 1896

7590 Nomenclatural Authority: Arnett (1951)

7591 Literature Records: none  
7592 Digitized Records: Santa Cruz (8 SBMNH)  
7593 Range: Also known from mainland (Arnett 1951).  
7594 Notes. This species, described from Marin County, is known from California and Oregon  
7595 (Arnett 1951).

7596

7597

### **Pyrochroidae, NEW FAMILY RECORD**

7598

7599 Notes. Four subfamilies, five genera, and 35 species of Pyrochroidae are known to occur  
7600 in California (M Gimmel, unpublished data).

7601

7602

#### Pedilinae

7603

7604 Notes. One genus and 25 species of Pedilinae are known to occur in California (M  
7605 Gimmel, unpublished data).

7606

7607

#### *Pedilus* Fischer von Waldheim, 1820

7608

Nomenclatural Authority: Bouchard et al. (2011)

7609

Digitized Records (genus-only): Santa Cruz (1 SBMNH; 1 UCSB)

7610

7611 Notes. Twenty-five species of *Pedilus* are known to occur in California (M Gimmel,  
7612 unpublished data). Most of the California species of this genus were treated by Abdullah (1964,  
1966, 1969).

7613

7614 *Pedilus bardii* (Horn, 1874)

7615

Nomenclatural Authority: Abdullah (1966)

7616

Literature Records: none

7617

Digitized Records: Santa Cruz (1 SBMNH)

7618

Range: Also known from mainland (Abdullah 1966).

7619

7620

### **Salpingidae, NEW FAMILY RECORD**

7621

7622 Notes. This family is currently divided into seven subfamilies worldwide and its  
7623 composition has changed dramatically and often over the last century. Five subfamilies, six  
7624 genera, and 14 species are known to occur in California (M Gimmel, unpublished data).

7625

7626

#### Salpinginae

7627

7628 Notes. Two genera and two or three species of Salpinginae are known to occur in  
7629 California (M Gimmel, unpublished data).

7630

7631 *Rhinosimus* Latreille, 1802  
7632 Nomenclatural Authority: Bouchard et al. (2011)  
7633 Notes. One or two species of this genus have been reported from California (M Gimmel,  
7634 unpublished data). The North American species were treated by Blair (1932), but the genus still  
7635 needs revision. *Rhinosimus* has a Holarctic distribution.

7636  
7637 *Rhinosimus* undetermined species

7638 Literature Records: none  
7639 Digitized Records: Santa Cruz (4 SBMNH)  
7640 Notes. *Rhinosimus* is known from coastal habitats from Alaska south, with the Santa  
7641 Cruz records representing the southernmost extent of its range known to us.

7642  
7643 **Scraptiidae**

7644  
7645 Notes. This family is divided into two subfamilies, Anaspidinae and Scraptiinae, both  
7646 occurring in California; the former was historically included in Mordellidae (Liljeblad 1945),  
7647 while the latter was historically included within Melandryidae (Pollock 2002). Five genera and  
7648 19 species of Scraptiidae are known to occur in California (M Gimmel, unpublished data).

7649  
7650 Anaspidinae

7651  
7652 Notes. Four genera and 17 species of Anaspidinae have been recorded from California  
7653 (M Gimmel, unpublished data). These were treated for North America by Liljeblad (1945).

7654  
7655 *Anaspis* Geoffroy, 1762

7656 Nomenclatural Authority: Pollock (2002)  
7657 Digitized Records (genus-only): Santa Cruz (14 SBMNH)  
7658 Notes. Seven species of *Anaspis* have been recorded from California (Liljeblad 1945).

7659  
7660 *Anaspis atrata* Champion, 1891

7661 Nomenclatural Authority: Liljeblad (1945)  
7662 Literature Records: none  
7663 Digitized Records: Santa Cruz (2 LACM; 6 SBMNH)  
7664 Range: Also known from mainland (Liljeblad 1945).

7665  
7666 *Anaspis collaris* LeConte, 1851

7667 Nomenclatural Authority: Liljeblad (1945)  
7668 Literature Records: Santa Catalina (Fall 1897: 238; Liljeblad 1945: 216)  
7669 Digitized Records: Santa Catalina (1 SBMNH)  
7670 Range: Also known from mainland (Liljeblad 1945).

7671

7672

*Pentaria* Mulsant, 1856

7673

Nomenclatural Authority: Pollock (2002)

7674

Notes. Five species of *Pentaria* have been recorded from California (Liljeblad 1945).

7675

7676

*Pentaria trifasciata* (Melsheimer, 1845)

7677

Nomenclatural Authority: Liljeblad (1945)

7678

Literature Records: Santa Catalina (Fall 1897: 238)

7679

Digitized Records: San Nicolas (1 SBMNH), Santa Catalina (7 SBMNH), Santa Cruz (5

7680

LACM; 6 SBMNH)

7681

Range: Also known from mainland (Liljeblad).

7682

Notes. Liljeblad (1945) treated this as an extremely variable and widespread species,

7683

including *Pentaria trifasciata nubila* (LeConte, 1859) as a variety representing a color

7684

morph. Fall (1897) reported this species as *Pentaria nubila*. We have seen specimens

7685

from Santa Cruz Island corresponding to both color morphs in the sense of Liljeblad

7686

(1945).

7687

7688

### **Tenebrionidae**

7689

7690

Notes. This family has a recent and reliable catalog for North America by Bousquet et al (2018) which serves as a good starting point for taxonomy and finding identification references.

7691

The constituent groups that comprise the Channel Island diversity vary in accessibility of

7692

authoritative treatments and identification resources. Many of the tribes and genera require a

7693

thorough revision before the species reported from the islands can be truly verified. Eight

7694

subfamilies, 37 tribes, 110 genera, 525 species of Tenebrionidae are known to occur in

7695

California (M Gimmel, unpublished data).

7696

7697

7698

### Alleculinae

7699

7700

Notes. Six genera and 33 species of Alleculinae, all belonging to the tribe Alleculini,

7701

have been recorded from California (Bousquet et al. 2018). "Alleculinae larvae" were reported

7702

from San Clemente and Santa Catalina by Straughan & Hadley (1980: 392).

7703

7704

*Hymenorus* Mulsant, 1852

7705

Nomenclatural Authority: Bousquet et al. (2018)

7706

Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 304)

7707

Notes. This genus was last revised by Fall (1931) and requires significant work, at least

7708

for species in western North America. There are 19 species reported from California (Bousquet

7709

et al. 2018).

7710

7711 *Hymenorus infuscatus* Casey, 1891  
7712 Nomenclatural Authority: Bousquet et al. (2018)  
7713 Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 176; Fall 1931: 186)  
7714 Digitized Records: none  
7715 Range: Also known from mainland (Fall 1931).  
7716 Notes. The southern California species are difficult to identify. We have not seen any  
7717 *Hymenorus* specimens from the Channel Islands, but trust the records given by Fall who  
7718 completed the last revision of this genus.

7719  
7720 *Isomira* Mulsant, 1856  
7721 Nomenclatural Authority: Bousquet et al. (2018)  
7722 Digitized Records (genus-only): San Clemente (16 SBMNH), San Nicolas (2 SBMNH),  
7723 Santa Catalina (9 SBMNH), Santa Cruz (21 SBMNH), Santa Rosa (11 SBMNH)  
7724 Notes. This genus was revised in the dissertation of Marshall (1964) which was  
7725 subsequently published in numerous parts except for a final key and treatments of the western  
7726 species. Species are difficult to identify without comparative material and dissected males (MAJ,  
7727 personal observation). There are five species recorded from California (Bousquet et al. 2018).

7728  
7729 *Isomira comstocki* Papp, 1956  
7730 Nomenclatural Authority: Bousquet et al. (2018)  
7731 Literature Records: Santa Cruz (Marshall 1964:145)  
7732 Digitized Records: Santa Barbara (1 LACM), Santa Cruz (4 SBMNH)  
7733 Range: Also known from mainland (Marshall 1964).  
7734 Notes. This widespread and variable species is primarily identified by dissected male  
7735 genitalia.

7736  
7737 *Isomira damnata* Marshall, 1970  
7738 Nomenclatural Authority: Bousquet et al. (2018)  
7739 Literature Records: none  
7740 Digitized Records: Santa Catalina (1 LACM)  
7741 Range: Also known from mainland (Marshall 1964).  
7742 Notes. The single Channel Island specimen of this species is a male with extruded  
7743 genitalia that was reliably determined by J.M. Campbell.

7744  
7745 *Isomira luscitiosa* Casey, 1891  
7746 Nomenclatural Authority: Bousquet et al. (2018)  
7747 Literature Records: none  
7748 Digitized Records: Santa Cruz (5 LACM), Santa Rosa (2 LACM)  
7749 Range: Also known from mainland (Marshall 1964).

7750 Notes. The specimens representing this species were reliably determined by J.M.  
7751 Campbell.

7752

7753 *Isomira variabilis* (Horn, 1875)

7754 Nomenclatural Authority: Bousquet et al. (2018)

7755 Literature Records: San Clemente (Fall 1897: 238; Fall 1901: 176)

7756 Digitized Records: none

7757 Range: Also known from mainland (Marshall 1964).

7758 Notes. Marshall (1964) recognized a species group that most workers before him had

7759 lumped into a single concept of *I. variabilis*, in which he included *I. damnata* and *I.*

7760 *luscitiosa*. It is possible that Fall (1987, 1901) was actually referring to one of the latter

7761 two species. However, *I. variabilis* is widespread and known from the coastal habitats of

7762 southern California and may well be the correct identification.

7763

7764 *Mycetochara* Guérin-Méneville, 1827

7765 Nomenclatural Authority: Bousquet et al. (2018)

7766 Digitized Records (genus-only): Santa Catalina (4 SBMNH), Santa Cruz (7 SBMNH)

7767 Notes. Campbell (1978) revised this genus and synonymized many of the previously

7768 described species along with providing a reliable key. Three species are recorded from California

7769 (Bousquet et al. 2018).

7770

7771 *Mycetochara pubipennis* LeConte, 1878

7772 Nomenclatural Authority: Bousquet et al. (2018)

7773 Literature Records: Santa Catalina (Campbell 1978: 936)

7774 Digitized Records: none

7775 Range: Also known from mainland (Campbell 1978).

7776 Notes. Campbell (1978) only saw male specimens from the island and noted that the eyes

7777 are slightly smaller than those on the mainland, a character which is traditionally used as

7778 part of species diagnoses.

7779

7780 Blaptinae

7781

7782 Notes. Three tribes, 18 genera, and 122 species of Blaptinae are known to occur in

7783 California (Bousquet et al. 2018; M Gimmel, unpublished data).

7784

7785 Amphidorini

7786

7787 Notes. Six genera and 89 species of Amphidorini are known to occur in California

7788 (Bousquet et al. 2018; M Gimmel, unpublished data). This tribe has seen recent treatments for

7789 many constituent species groups but has lacked a thorough revision of the genera and subgenera.

7790 The unpublished dissertation of Johnston (2018) provides keys, diagnoses, and new concepts of  
7791 genera and subgenera. Since this study has not been published in compliance with the ICZN, the  
7792 taxonomy follows Bousquet et al. (2018) where most species are included in the large genus  
7793 *Eleodes*.

7794

7795 *Eleodes* Eschscholtz, 1829

7796 Nomenclatural Authority: Bousquet et al. 2018

7797 Digitized Records (genus-only): Anacapa (1 LACM), San Clemente (19 LACM; 1

7798 UCMC), San Miguel (38 LACM; 3 SDNHM), San Nicolas (27 LACM), Santa Catalina (1

7799 OSUC; 54 LACM), Santa Cruz (25 LACM; 1 UCSB; 1 YPMC; 1 iNat), Santa Rosa (31 LACM)

7800 Notes. The unpublished dissertation by Johnston (2018) breaks this genus up into

7801 multiple genera and it is expected that the nomenclature reported here will soon be outdated.

7802 Digitized records identified as *Amphidora* Eschscholtz, 1829, a current subgenus of *Eleodes*, are

7803 included in the genus-only records above. This large genus of flightless arid-adapted species is

7804 restricted to western North America and has its center of diversity in California with 67 species

7805 recorded from the state. A possible fossil of *Eleodes* was reported by Lipps (1964) from a

7806 deposit on West Anacapa Island, though it is likely to be a modern contaminant that made its

7807 way into the sandy deposit.

7808

7809 *Eleodes (Amphidora) littoralis* (Eschscholtz, 1829)

7810 Nomenclatural Authority: Bousquet et al. (2018)

7811 Literature Records: Santa Catalina (Fall 1897: 238), Santa Cruz (Fall & Davis 1934:

7812 144), Santa Rosa (Fall 1897: 238)

7813 Digitized Records: Anacapa (14 LACM; 1 SBMNH), San Clemente (5 LACM), San

7814 Miguel (3 SBMNH), Santa Catalina (2 OSUC; 24 LACM; 26 SBMNH), Santa Cruz (5

7815 SBMNH), Santa Rosa (9 SBMNH)

7816 Range: Also known from mainland (Blaisdell 1909).

7817 Notes. This small, hirsute species is common in leaf litter along the coastal mountain

7818 ranges of California.

7819

7820 *Eleodes (Amphidora) nigropilosa* (LeConte, 1851)

7821 Nomenclatural Authority: Bousquet et al. (2018)

7822 Literature Records: Santa Catalina (Straughan & Hadley 1980: 392)

7823 Digitized Records: Santa Catalina (2 LACM; 1 MAJC; 2 OSUC; 6 SBMNH), Santa Cruz

7824 (3 SBMNH), Santa Rosa (1 SBMNH)

7825 Range: Also known from mainland (Blaisdell 1909; Triplehorn 1996).

7826 Notes. This species is common in coastal habitats in California and Baja California.

7827

7828 *Eleodes (Blapylis) clavicornis* Eschscholtz, 1829

7829 Nomenclatural Authority: Bousquet et al. (2018)

- 7830 Literature Records: none
- 7831 Digitized Records: Anacapa (3 LACM)
- 7832 Range: Also known from mainland (Sommerby 1972).
- 7833 Notes. This relatively small species is known from coastal sand dunes.
- 7834
- 7835 *Eleodes (Blapyllis) inculta* LeConte, 1861
- 7836 Nomenclatural Authority: Bousquet et al. (2018)
- 7837 Literature Records: Anacapa (Sommerby 1972: 179; Miller 1985: 21), San Miguel
- 7838 (Blaisdell 1918: 384; Spilman 1962: 57; Tanner 1961: 73; Sommerby 1972: 179; Miller
- 7839 1985a: 21), Santa Barbara (LeConte 1861: 352; Miller 1985a: 21; Miller & Miller 1985:
- 7840 128), Santa Cruz (Blaisdell 1918: 384; Fall & Davis 1934: Tanner 1961: 73; 144;
- 7841 Sommerby 1972: 179; Miller 1985a: 21; Naughton et al. 2014: 304), Santa Rosa (Blaisdell
- 7842 1909: 331; Blaisdell 1918: 384; Blaisdell 1939: 52; Spilman 1962: 57; Sommerby 1972:
- 7843 179; Miller 1985a: 21)
- 7844 Digitized Records: Anacapa (1 BYUC; 10 LACM; 1 SBMNH), San Miguel (1 BYUC; 3
- 7845 OSUC; 131 LACM; 2 MAJC; 76 SBMNH), Santa Catalina (2 OSUC; 1 LACM), Santa
- 7846 Cruz (1 BYUC; 2 OSUC; 19 LACM; 10 MAJC; 1 SBMNH; 1 iNat), Santa Rosa (20
- 7847 LACM; 6 MAJC; 16 SBMNH)
- 7848 Range: Endemic (LeConte 1861; Blaisdell 1909; Spilman 1962; Sommerby 1972).
- 7849 Notes. Blaisdell (1909) incorrectly documented the type locality as Santa Rosa Island,
- 7850 while LeConte (1861) stated that it was Santa Barbara Island. Sommerby (1972) and Miller
- 7851 & Miller (1985) suggested that the type may have been mislabeled and was actually from
- 7852 Santa Cruz Island. The subspecies *E. inculta affinis* Blaisdell, 1918 was reported from
- 7853 Santa Cruz and San Miguel islands by Blaisdell (1918) and later synonymized by Miller
- 7854 (1985a) following the unpublished thesis of Sommerby (1972). A single record of the
- 7855 species *Eleodes cordata* Eschscholtz, 1829 from Santa Cruz Island in the BYUC is here
- 7856 considered to almost certainly represent *E. inculta*. *Eleodes cordata* is otherwise not
- 7857 known from southern California.
- 7858
- 7859 *Eleodes (Blapyllis) scabripennis* LeConte, 1859
- 7860 Nomenclatural Authority: Bousquet et al. (2018)
- 7861 Literature Records: Santa Barbara (Fall 1897: 238; Fall 1901: 168), Santa Rosa (Fall
- 7862 1897: 238; Fall 1901: 168)
- 7863 Digitized Records: none
- 7864 Range: Also known from mainland (Sommerby 1972).
- 7865 Notes. This species was described from Fort Tejon, Kern County, California. The female
- 7866 holotype has a comparatively small pronotum but is quite similar to *Eleodes (Blapyllis)*
- 7867 *consobrina* LeConte, 1851 (LeConte 1861; Blaisdell 1909). It may be that *E.*
- 7868 *scabripennis* is simply a synonym of *E. consobrina*, but it does superficially resemble *E.*
- 7869 *inculta* quite closely. The above records are almost certainly from Fall examining

- 7870 LeConte's material, and applying this name to *E. inculta*. However, until the genus is  
7871 revised, these records cannot be fully discounted.  
7872
- 7873 *Eleodes (Blapyllis) subvestita* (Blaisdell, 1939)  
7874 Nomenclatural Authority: Bousquet et al. (2018)  
7875 Literature Records: San Nicolas (Blaisdell 1939: 55; Cockerell 1939: 317; Cockerell  
7876 1940: 284; Steele 1979: 30; Spilman 1962: 57; Somerby 1972: 180; Miller 1985a: 21)  
7877 Digitized Records: San Nicolas (26 LACM; 1 SBMNH)  
7878 Range: Endemic (Blaisdell 1939; Spilman 1962; Somerby 1972).  
7879 Notes. The original description was apparently made using a combination of this actual  
7880 Channel Island endemic *Eleodes* and a genitalic dissection belonging to a specimen of  
7881 another subfamily, and thus was placed into a new monotypic genus and subfamily,  
7882 before the error was discovered and the species placed correctly into the genus *Eleodes*  
7883 subgenus *Blapyllis* Horn, 1870 (Spilman 1962). Accordingly, Blaisdell (1939), Cockerell  
7884 (1939, 1940), and Steele (1979) reported the original combination of *Eleodopsis*  
7885 *subvestita* Blaisdell, 1939.  
7886
- 7887 *Eleodes (Cratidus) osculans* (LeConte, 1851)  
7888 Nomenclatural Authority: Bousquet et al. (2018)  
7889 Literature Records: Santa Cruz (LeConte 1876: 299; Fall 1897: 238; Fall & Davis 1934:  
7890 144), Santa Rosa (Fall 1897: 238)  
7891 Digitized Records: San Miguel (2 SBMNH), Santa Catalina (5 SBMNH; 2 iNat), Santa  
7892 Cruz (1 LACM), Santa Rosa (2 SBMNH)  
7893 Range: Also known from mainland (Blaisdell 1909; Triplehorn 1996).  
7894 Notes. This somewhat charismatic beetle is abundant in southern California. LeConte  
7895 (1876), Fall (1897), and Fall & Davis (1934) recorded this species as *Cratidus osculans*.  
7896
- 7897 *Eleodes (Eleodes) acuticauda* LeConte, 1851  
7898 Nomenclatural Authority: Bousquet et al. (2018)  
7899 Literature Records: Anacapa (Blaisdell 1921: 219; Cockerell 1940: 284; Miller 1985a:  
7900 21), San Clemente (Blaisdell 1909: 283; Blaisdell 1921: 219; Doyen 1974: 87; Miller  
7901 1985a: 21), San Miguel (Blaisdell 1921: 219; Cockerell 1940: 284; Miller 1985a: 21),  
7902 San Nicolas (Blaisdell 1921: 219; Cockerell 1940: 284; Tanner 1961: 73; Triplehorn,  
7903 Thomas & Smith 2015: 161), Santa Barbara (Blaisdell 1921: 219; Cockerell 1940: 284;  
7904 Miller 1985a: 21; Miller & Miller 1985: 128), Santa Cruz (Miller 1985a: 21), Santa Rosa  
7905 (Miller 1985a: 21)  
7906 Digitized Records: Anacapa (3 LACM; 3 SBMNH), San Clemente (5 LACM; 6 MAJC; 5  
7907 SBMNH; 13 SDNHM), San Miguel (10 LACM; 19 SBMNH), San Nicolas (36 LACM;  
7908 24 SBMNH), Santa Barbara (16 LACM), Santa Catalina (5 SBMNH), Santa Cruz (7  
7909 LACM; 3 MAJC; 2 SBMNH), Santa Rosa (1 LACM; 17 SBMNH)

7910 Range: Also known from mainland (Triplehorn, Thomas & Smith 2015).  
7911 Notes. The recent revision by Triplehorn, Thomas & Smith (2015) only mentioned  
7912 records from San Nicolas Island, but did not give specimen locality data other than types  
7913 for any of the taxa in the revision; the accompanying distribution map shows a record for  
7914 San Nicolas and no other islands. This species is abundant in southern California and is  
7915 difficult to separate from *E. dentipes* in the vicinity of the city of Santa Barbara; see the  
7916 remarks under that species. The name *Eleodes laticollis* LeConte, 1851 was first  
7917 synonymized with *E. acuticauda* by Horn (1870) but subsequently used as a subspecies  
7918 in the island records of Blaisdell (1909) and Doyen (1974). The subspecies *E. laticollis*  
7919 *apprima* Blaisdell, 1921 was erected for the Channel Islands populations and used by  
7920 Blaisdell (1921), Cockerell (1940), Tanner (1961), and Miller (1985a) before it was  
7921 synonymized with *E. acuticauda* by Triplehorn (1996).

7922

7923 *Eleodes (Eleodes) dentipes* Eschscholtz, 1829

7924 Nomenclatural Authority: Bousquet et al. (2018)

7925 Literature Records: Anacapa (Triplehorn, Thomas & Smith 2015: 165 [map]), San  
7926 Clemente (Fall 1897: 238), San Nicolas (Fall 1897: 238), Santa Cruz (Fall & Davis 1934:  
7927 144), Santa Rosa (Fall 1897: 238)

7928 Digitized Records: none

7929 Range: Also known from mainland (Triplehorn, Thomas & Smith 2015).

7930 Notes. The recent revision of Triplehorn, Thomas & Smith (2015) gave no specimen  
7931 locality data for this or any other treated taxa. However, their accompanying distribution  
7932 map has a mark on Anacapa Island. This species and *E. acuticauda* are quite similar and  
7933 can be difficult to distinguish in the region of Santa Barbara County where the two  
7934 species distributions meet. These two species and island populations along with the  
7935 mainland populations need to be carefully considered. The two species are distinguished  
7936 by *E. acuticauda* having a much more transverse and strongly rounded pronotum than *E.*  
7937 *dentipes* which reliably separates most species from the northern Central Valley and Bay  
7938 Area of California from those around San Diego and Los Angeles. These literature  
7939 records presumably overlap with the digitized records of *E. acuticauda*, but the species  
7940 are retained as separate since the last revision (Triplehorn, Thomas & Smith 2015)  
7941 indicated that both species are known from the Channel Islands.

7942

7943 *Eleodes (Melaneleodes) carbonaria* (Say, 1824)

7944 Nomenclatural Authority: Bousquet et al. (2018)

7945 Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 167; Blaisdell 1909: 75;  
7946 Cockerell 1940: 284; Tanner 1961: 69)

7947 Digitized Records: San Clemente (1 LACM), Santa Catalina (1 LACM; 8 SBMNH),  
7948 Santa Rosa (3 LACM)

7949 Range: Also known from mainland (Triplehorn & Thomas 2012).

7950 Notes. This species has been well documented from Santa Catalina island under several  
 7951 different species names. Originally referred to *Eleodes quadricollis* Eschscholtz, 1829 by  
 7952 Fall (1897, 1901) (only known from around San Francisco as currently circumscribed),  
 7953 Blaisdell (1909) and Tanner (1961) recognized the island population as *Eleodes omissa*  
 7954 forma *catalinae* Blaisdell, 1909, which was later included within the subspecies concept  
 7955 of *Eleodes carbonaria omissa* LeConte, 1858 of Triplehorn & Thomas (2012), which is  
 7956 the only subspecies distributed throughout southern California and Baja California.  
 7957 Cockerell (1940: 284) listed this species twice under the names *E. omissa catalinae* and  
 7958 *E. omissa pygmaea* Blaisdell, 1909, both of which are now considered synonyms of *E.*  
 7959 *carbonaria omissa* (Triplehorn & Thomas 2012).

7960

7961 *Eleodes (Steneleodes) gigantea* Mannerheim, 1843

7962 Nomenclatural Authority: Bousquet et al. (2018)

7963 Literature Records: none

7964 Digitized Records: San Miguel (43 SBMNH; 4 SDNHM), Santa Rosa (6 LACM; 3

7965 SBMNH)

7966 Range: Also known from mainland (Blaisdell 1909).

7967 Notes. This species, abundant in the coastal ranges, is known from California and Baja  
 7968 California but has never been reported from the Channel Islands in the literature.

7969

7970 Opatrini

7971

7972 Notes. Eleven genera and 31 species of Opatrini are known to occur in California  
 7973 (Bousquet et al. 2018; M Gimmel, unpublished data).

7974

7975 *Blapstinus* Dejean, 1821

7976 Nomenclatural Authority: Davis (1970), Bousquet et al. (2018)

7977 Literature Records (genus-only): Santa Cruz (Fall & Davis 1934: 144)

7978 Digitized Records (genus-only): San Clemente (1 SBMNH), Santa Catalina (13 LACM),  
 7979 Santa Rosa (9 LACM; 2 SBMNH)

7980 Notes. Fall & Davis (1934) stated that their record was not *Blapstinus rufipes* (= *B.*  
 7981 *discolor*) or *B. brevicollis*. The unpublished dissertation of Davis (1970) provides keys and  
 7982 treatments for the genus but many specimens in collections are dubiously identified, particularly  
 7983 if done before 1970 (MAJ, personal observation). Fifteen species have been recorded from  
 7984 California (Bousquet et al. 2018).

7985

7986 *Blapstinus angustus* LeConte, 1851

7987 Nomenclatural Authority: Bousquet et al. (2018)

7988 Literature Records: none

7989 Digitized Records: San Clemente (1 SDNHM)

- 7990 Range: Also known from mainland (Bousquet et al. 2018).
- 7991 Notes. This is the type species of the genus *Mecysmus* Horn, 1870, where it has been
- 7992 included since the genus description until recently, when Lumen et al. (2019b)
- 7993 synonymized it with *Blapstinus*. The species is known from throughout southern
- 7994 California and western Arizona.
- 7995
- 7996 *Blapstinus brevicollis* LeConte, 1851
- 7997 Nomenclatural Authority: Davis (1970); Bousquet et al. (2018)
- 7998 Literature Records: Santa Cruz (Davis 1970: 138), Santa Rosa (Fall 1897: 238; in doubt,
- 7999 Davis 1970: 138)
- 8000 Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (4 SBMNH), Santa Rosa (9
- 8001 SBMNH)
- 8002 Range: Also known from mainland (Davis 1970).
- 8003 Notes. This species is common in southern California and Arizona and has been collected
- 8004 from driftwood (Davis 1970: 136). The thorough yet unpublished dissertation of Davis
- 8005 (1970) clearly indicatef two island records on the distribution map (see his figure 143),
- 8006 and in the material examined lists both “Santa Cruz” and “Santa Rosa Island” as localities
- 8007 from “Los Angeles County, California” which are interpreted as the two island records
- 8008 listed above.
- 8009
- 8010 *Blapstinus discolor* Horn, 1870
- 8011 Nomenclatural Authority: Davis (1970); Bousquet et al. (2018)
- 8012 Literature Records: Santa Catalina (Fall 1897: 238; Baker 1905: 59; Davis 1970: 302)
- 8013 Digitized Records: San Miguel (1 SBMNH), Santa Cruz (10 SBMNH), Santa Rosa (2
- 8014 SBMNH)
- 8015 Range: Also known from mainland (Davis 1970).
- 8016 Notes. This flightless and somewhat variable species is widely distributed throughout the
- 8017 western United States and is a common pest of crops along the southern California coast.
- 8018 Davis (1970) reported this species from “Avalon” (Santa Catalina Island) in the material
- 8019 examined but did not give a distinct island marker on the distribution map (his figure
- 8020 163). Fall (1897) and Baker (1905) recorded this species as *Blapstinus rufipes* Casey,
- 8021 1890 which was synonymized with *B. discolor* by Davis (1982).
- 8022
- 8023 *Conibius* LeConte, 1851
- 8024 Nomenclatural Authority: Bousquet et al. (2018)
- 8025 Notes. This genus of flightless beetles has two species recorded from California
- 8026 (Bousquet et al. 2018).
- 8027
- 8028 *Conibius seriatus* LeConte, 1851
- 8029 Nomenclatural Authority: Bousquet et al. (2018)

8030 Literature Records: none  
8031 Digitized Records: San Clemente (1 SBMNH), Santa Catalina (2 SBMNH), Santa Cruz  
8032 (2 SBMNH)  
8033 Range: Also known from mainland (Bousquet et al. 2018).  
8034 Notes. This species can be commonly found under stones or crawling on the ground at  
8035 night.

8036

8037 *Tonibius* Casey, 1895

8038 Nomenclatural Authority: Bousquet et al. (2018)

8039 Notes. This genus is monotypic with its single species known from California (Bousquet  
8040 et al. 2018).

8041

8042 *Tonibius sulcatus* (LeConte, 1851)

8043 Nomenclatural Authority: Bousquet et al. (2018)

8044 Literature Records: San Clemente (Fall 1897: 238; Fall 1901: 172)

8045 Digitized Records: San Clemente (1 LACM; 3 SBMNH; 8 SDNHM)

8046 Range: Also known from mainland (Bousquet et al. 2018).

8047 Notes. This species is common in arid and coastal habitats in California and Baja  
8048 California. Fall (1897, 1901) recorded this species as *Notibius sulcatus*, its original  
8049 combination.

8050

8051 *Ulus* Horn, 1870

8052 Nomenclatural Authority: Lumen et al. (2019a), Bousquet et al. (2018)

8053 Notes. Two species of *Ulus* are known from California (Lumen et al. 2019a).

8054

8055 *Ulus crassus* (LeConte, 1851)

8056 Nomenclatural Authority: Lumen et al. (2019a)

8057 Literature Records: Santa Cruz (Fall 1934: 144)

8058 Digitized Records: none

8059 Range: Also known from mainland (Lumen et al. 2019a).

8060 Notes. This species is fairly common throughout southern California but the recent  
8061 revision of Lumen et al. (2019a) gave no Channel Island records and none have been  
8062 found in museums. It seems unlikely that Fall (1934) would have confused this genus  
8063 with anything else, but this record certainly requires verification.

8064

8065 Diaperinae

8066

8067 Notes. Five tribes, 13 genera, and 29 species of Diaperinae have been recorded from  
8068 California (Bousquet et al. 2018).

8069

## 8070 Diaperini

8071

8072 Notes. Eight genera and 15 species of Diaperini have been recorded from California  
8073 (Bousquet et al. 2018).

8074

8075 *Platydema* Laporte & Brullé, 1831

8076 Nomenclatural Authority: Bousquet et al. (2018)

8077 Notes. Four species of *Platydema* are recorded from California (Bousquet et al. 2018).

8078

8079 *Platydema oregonensis* LeConte, 1857

8080 Nomenclatural Authority: Bousquet et al. (2018)

8081 Literature Records: none

8082 Digitized Records: Santa Cruz (4 SBMNH)

8083 Range: Also known from mainland (Bousquet et al. 2018).

8084 Notes. This species is widespread throughout the Pacific coastal region and has been  
8085 recorded as *Platydema oregonense* since the time of its description until Bousquet et al.  
8086 (2018) corrected the gender of the genus.

8087

## 8088 Hypophlaeini

8089

8090 Notes. One genus and six species of Hypophlaeini have been recorded from California  
8091 (Bousquet et al. 2018).

8092

8093 *Corticeus* Piller & Mitterpacher, 1783

8094 Nomenclatural Authority: Bousquet et al. (2018)

8095 Notes. Six species of *Corticeus* have been recorded from California (Bousquet et al.  
8096 2018). The species were reviewed for North America by Triplehorn (1990).

8097

8098 *Corticeus opaculus* (LeConte, 1878)

8099 Nomenclatural Authority: Bousquet et al. (2018)

8100 Literature Records: Santa Cruz (Triplehorn 1990: 294)

8101 Digitized Records: Santa Cruz (1 OSUC)

8102 Range: Also known from mainland (Triplehorn 1990).

8103 Notes. This subcortical species is not uncommon in coastal California habitats.

8104

## 8105 Phaleriini

8106

8107 Notes. Two genera and six species of Phaleriini have been recorded from California  
8108 (Bousquet et al. 2018).

8109

- 8110 *Phaleria* Latreille, 1802  
8111 Nomenclatural Authority: Bousquet et al. (2018)  
8112 Notes. This genus inhabits coastal dunes around the world and can be readily found under  
8113 beach wrack and dead fish. The New World components were revised by Triplehorn & Watrous  
8114 (1979). A single species is known from California (Bousquet et al. 2018).  
8115  
8116 *Phaleria rotundata* LeConte, 1851  
8117 Nomenclatural Authority: Bousquet et al. (2018)  
8118 Literature Records: Anacapa (Triplehorn & Watrous 1979: 284), San Nicolas (Triplehorn  
8119 & Watrous 1979: 286), Santa Catalina (Triplehorn & Watrous 1979: 286), Santa Cruz  
8120 (Triplehorn & Watrous 1979: 286)  
8121 Digitized Records: Anacapa (2 LACM), San Clemente (6 SBMNH), San Nicolas (1  
8122 LACM; 3 SBMNH), Santa Catalina (3 SBMNH), Santa Cruz (14 SBMNH), Santa Rosa  
8123 (8 SBMNH)  
8124 Range: Also known from mainland (Triplehorn & Watrous 1979).  
8125 Notes. This species has a somewhat restricted range, from northern Baja California  
8126 through San Francisco, and is the only species of this genus known from the United  
8127 States Pacific coastline.  
8128  
8129 Pimeliinae  
8130  
8131 Notes. Eleven tribes, 41 genera, and 248 species of Pimeliinae are known to occur in  
8132 California (Bousquet et al. 2018; M Gimmel, unpublished data).  
8133  
8134 Anepsiini  
8135  
8136 Notes. Five genera and nine species of Anepsiini have been recorded from California  
8137 (Bousquet et al. 2018).  
8138  
8139 *Batuliodes* Casey, 1907  
8140 Nomenclatural Authority: Doyen (1987)  
8141 Notes. This genus, and tribe, was thoroughly revised by Doyen (1987) who provided  
8142 reliable keys to genera and species. Four species of *Batuliodes* are known from California  
8143 (Doyen 1987).  
8144  
8145 *Batuliodes rotundicollis* (LeConte, 1851)  
8146 Nomenclatural Authority: Bousquet et al. (2018)  
8147 Literature Records: none  
8148 Digitized Records: San Clemente (1 SBMNH)  
8149 Range: Also known from mainland (Doyen 1987).

8150 Notes. This small and relatively infrequently collected species was not recorded from the  
8151 Channel Islands in the revision by Doyen (1987).

8152

8153 *Cnemeplatiini*

8154

8155 Notes. Two genera and eight species of *Cnemeplatiini* are known to occur in California  
8156 (M Gimmel, unpublished data).

8157

8158 *Alaudes* Horn, 1870

8159 Nomenclatural Authority: Aalbu, Caterino & Smith (2018)

8160 Notes. Individuals of *Alaudes* are the smallest of all known Tenebrionidae from the  
8161 Channel Islands; they were revised recently by Aalbu, Caterino & Smith (2018). Six species of  
8162 *Alaudes* are recorded from California (Aalbu, Caterino & Smith 2018).

8163

8164 *Alaudes singularis* Horn, 1870

8165 Nomenclatural Authority: Aalbu, Caterino & Smith (2018)

8166 Literature Records: San Clemente (Aalbu, Caterino & Smith 2018: 265), San Nicolas  
8167 (Aalbu, Caterino & Smith 2018: 265)

8168 Digitized Records: San Clemente (2 SBMNH)

8169 Range: Also known from mainland (Aalbu, Caterino & Smith 2018).

8170

8171 *Lepidocnemeplatia* Bousquet & Bouchard, 2018

8172 Nomenclatural Authority: Bousquet et al. (2018)

8173 Notes. Only a single species of *Lepidocnemeplatia* is known from California (Bousquet  
8174 et al. 2018).

8175

8176 *Lepidocnemeplatia sericea* (Horn, 1870)

8177 Nomenclatural Authority: Bousquet et al. (2018)

8178 Literature Records: none

8179 Digitized Records: Santa Cruz (10 SBMNH)

8180 Range: Also known from mainland (Bousquet et al. 2018).

8181 Notes. This species is widespread in the arid regions of western North America and is  
8182 particularly prevalent in habitats with sandy substrate.

8183

8184 *Coniontini*

8185

8186 Notes. Three genera and 63 species of *Coniontini* have been recorded from California  
8187 (Bousquet et al. 2018; M Gimmel, unpublished data).

8188

8189 *Coelus* Eschscholtz, 1829

- 8190 Nomenclatural Authority: Doyen (1976)  
8191 Digitized Records (genus-only): San Clemente (2 SBMNH), Santa Catalina (1 TAMU),  
8192 Santa Cruz (1 TAMU)  
8193 Notes. Doyen (1976) revised *Coelus* and provided a reliable key. Chatzimanolis, Norris  
8194 & Caterino (2010) explored the historical biogeography and phylogenetic relationships of  
8195 Channel Island and mainland coastal populations of this genus. Four species are known from  
8196 California, three of which occur on the islands (Doyen 1976).  
8197  
8198 *Coelus ciliatus* Eschscholtz, 1829  
8199 Nomenclatural Authority: Doyen (1976), Bousquet et al. (2018)  
8200 Literature Records: Anacapa (Doyen 1976: 616)  
8201 Digitized Records: San Nicolas (1 CASC), Santa Cruz (1 CASC), Santa Rosa (3 OSUC)  
8202 Range: Also known from mainland (Doyen 1976).  
8203 Notes. This species is abundant and widely distributed along the mainland Pacific Coast.  
8204  
8205 *Coelus globosus* LeConte, 1851  
8206 Nomenclatural Authority: Doyen 1976, Bousquet et al. 2018  
8207 Literature Records: Anacapa (Doyen 1976: 618), San Miguel (Doyen 1976: 618), San  
8208 Nicolas (Doyen 1976: 618; Chatzimanolis, Norris & Caterino 2010: 787), Santa Barbara  
8209 (Doyen 1976: 618), Santa Catalina (Doyen 1976: 618), Santa Cruz (Doyen 1976: 618;  
8210 Chatzimanolis, Norris & Caterino 2010: 787), Santa Rosa (Doyen 1976: 618)  
8211 Digitized Records: Anacapa (7 LACM), San Miguel (1 LACM; 4 SBMNH), San Nicolas  
8212 (104 LACM; 1 SBMNH), Santa Cruz (2 MAJC; 10 SBMNH; 4 UCMC), Santa Rosa (6  
8213 LACM; 3 SBMNH)  
8214 Range: Also known from mainland (Doyen 1976).  
8215 Notes. This coastal dune-inhabiting species is known from most of California's shoreline  
8216 including all Channel Islands except San Clemente (Doyen 1976: 618).  
8217  
8218 *Coelus pacificus* Fall, 1897  
8219 Nomenclatural Authority: Bousquet et al. 2018  
8220 Literature Records: Anacapa (Doyen 1976: 623; Miller 1985a: 21), San Clemente (Fall  
8221 1897: 238; Fall 1901: 166; Casey 1908: 158; Blaisdell 1919: 321; Doyen 1974: 87;  
8222 Doyen 1976: 623; Miller 1985a: 21; Chatzimanolis, Norris & Caterino 2010: 787), San  
8223 Miguel (Blaisdell 1919: 321; Doyen 1976: 623; Miller 1985a: 21; Chatzimanolis, Norris  
8224 & Caterino 2010: 787), San Nicolas (Fall 1897: 238; Casey 1908: 158; Blaisdell 1919:  
8225 321; Doyen 1976: 623; Miller 1985a: 21; Chatzimanolis, Norris & Caterino 2010: 787),  
8226 Santa Barbara (Fall 1901: 166), Santa Catalina (Miller 1985a: 21; Chatzimanolis, Norris  
8227 & Caterino 2010: 787), Santa Cruz (Blaisdell 1919: 321; Fall & Davis 1934:144; Doyen  
8228 1976: 623; Miller 1985a: 21; Chatzimanolis, Norris & Caterino 2010: 787), Santa Rosa

8229 (Fall 1897: 238; Fall 1901: 166; Blaisdell 1919: 321; Doyen 1976: 623; Miller 1985a: 21;  
 8230 Chatzimanolis, Norris & Caterino 2010: 787)  
 8231 Digitized Records: San Clemente (292 LACM; 16 SBMNH; 5 SDNHM), San Miguel (39  
 8232 CASC; 264 LACM; 144 SBMNH), San Nicolas (7 CASC; 103 LACM; 33 SBMNH; 3  
 8233 iNat), Santa Barbara (5 LACM), Santa Catalina (3 LACM; 14 SBMNH), Santa Cruz (1  
 8234 OSUC; 59 CASC; 10 LACM; 4 MAJC; 27 SBMNH), Santa Rosa (1 OSUC; 5 CASC; 69  
 8235 LACM; 18 SBMNH; 1 USNM; 1 iNat)  
 8236 Range: Endemic (Fall 1897; Doyen 1976).  
 8237 Notes. A larva and pupa from San Clemente Island were studied by Doyen (1976: 611–  
 8238 612), who also synonymized *Coelus remotus* Fall, 1897 with *C. pacificus*. Unfortunately  
 8239 he merely stated that this species is distributed on the “California Channel Islands”  
 8240 (Doyen 1976: 619) and beyond this only gave type specimen island records and several in  
 8241 the appendix. This species is recorded from all eight Channel Islands. The type locality of  
 8242 *C. pacificus* is San Nicolas Island (Fall 1897). The name *C. remotus*, whose type locality  
 8243 is San Clemente Island, was used for the San Clemente population by Fall (1897, 1901),  
 8244 Casey (1908), Blaisdell (1919), and Doyen (1974).

8245

8246 *Coniontis* Eschscholtz, 1829

8247 Nomenclatural Authority: Bousquet et al. (2018)

8248 Literature Records (genus-only): Santa Cruz (Fall 1934: 144; Naughton et al. 2014: 304)

8249 Digitized Records (genus-only): San Clemente (1 SDNHM; 4 iNat), San Nicolas (1

8250 SBMNH; 1 iNat), Santa Catalina (15 SBMNH; 2 iNat), Santa Cruz (3 CSUC; 4 SBMNH), Santa

8251 Rosa (12 SBMNH; 2 SDNHM)

8252 Notes. *Coniontis* is a problematic genus which requires a comprehensive revision, though  
 8253 one may start with the synonymy established by Doyen (1977), which included no identification  
 8254 resources, in conjunction with voluminous species descriptions provided by Casey (1908), or  
 8255 instead attempt to use the outdated treatment by Horn (1870). It seems clear that there is at least  
 8256 one endemic species (*C. lata* LeConte, 1866) and likely a second (*C. santarosae* Blaisdell, 1921)  
 8257 but the literature records and identified museum specimen records should otherwise all be  
 8258 considered dubious until the genus is revised. Forty-nine currently valid species are recorded  
 8259 from California (Bousquet et al. 2018; M Gimmel, unpublished data).

8260

8261 *Coniontis elliptica* Casey, 1884

8262 Nomenclatural Authority: Bousquet et al. (2018)

8263 Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 165; Baker 1905: 59;

8264 Casey 1908: 88; Doyen 1977: 2), Santa Rosa (Fall 1897: 238)

8265 Digitized Records: none

8266 Range: Also known from mainland (Casey 1908).

8267 Notes. Casey erected the subspecies *C. elliptica catalinae* Casey, 1918 from Santa

8268 Catalina Island, which was later synonymized by Doyen (1977).

8269

8270 *Coniontis lamentabilis* Blaisdell, 1924

8271 Nomenclatural Authority: Bousquet et al. (2018)

8272 Literature Records: Santa Catalina (Cockerell 1940: 284)

8273 Digitized Records: none

8274 Range: Also known from mainland (Blaisdell 1924b).

8275 Notes. Cockerell (1940: 284) listed this species from Santa Catalina based on the

8276 authority of Fall, who apparently concluded that the previous literature records of *C.*8277 *subpubescens* belonged to this species. Without a synthetic revision or subsequent work

8278 explaining these conclusions, we have kept the records of these species distinct from each

8279 other.

8280

8281 *Coniontis lata* LeConte, 1866

8282 Nomenclatural Authority: Bousquet et al. (2018)

8283 Literature Records: Anacapa (Blaisdell 1921: 211; Miller 1985a: 20), San Clemente

8284 (LeConte 1866a: 113; Horn 1870: 298; Casey 1890: 377; Fall 1897: 238; Fall 1901: 165;

8285 Casey 1908: 78; Casey 1908: 80; Cockerell 1940: 283; Blaisdell 1921: 211; Doyen 1974:

8286 87; Doyen 1977: 3; Miller 1985a: 20), San Miguel (Blaisdell 1921: 211; Cockerell 1940:

8287 283; Miller 1985a: 20), San Nicolas (Blaisdell 1921: 211), Santa Barbara (Fall 1897: 238;

8288 Fall 1901: 165; Blaisdell 1921: 211; Miller 1985a: 20; Miller &amp; Miller 1985: 128), Santa

8289 Cruz (Casey 1890: 377; Fall 1897: 238; Fall 1901: 165; Casey 1908: 79; Fall &amp; Davis

8290 1934: 144; Blaisdell 1921: 211; Doyen 1977: 3; Miller 1985a: 20), Santa Rosa (Fall

8291 1897: 238; Fall 1901: 165; Blaisdell 1921: 211; Miller 1985a: 20)

8292 Digitized Records: Anacapa (15 ASUHC; 30 CASC; 5 LACM; 2 SBMNH), San

8293 Clemente (27 CASC; 2 LACM; 1 MAJC), San Miguel (7 CASC; 34 LACM), San

8294 Nicolas (6 CASC; 2 LACM; 1 SBMNH), Santa Barbara (1 OSUC; 14 CASC; 50 LACM;

8295 6 SBMNH), Santa Cruz (8 OSUC; 17 CASC; 3 LACM)

8296 Range: Endemic (LeConte 1866a; Fall 1897; Casey 1908; Doyen 1977).

8297 Notes. Originally described from San Clemente (LeConte 1866a) and subsequently found

8298 on Santa Cruz and described as a subspecies, this taxon was given its own genus,

8299 *Coniontides* Casey, 1908 by Casey (1908), who recognized four species which were

8300 subsequently subsumed back under the present species: Blaisdell (1921, who reported

8301 this taxon simply as “*Coniontides*” across all the islands) synonymized *Coniontides*8302 *clementinus* Casey, 1908 (described from San Clemente); Doyen (1977) synonymized8303 *Coniontides finitimus* Casey, 1908 (uncertain type locality, likely Santa Rosa [Casey8304 1908: 80]) and *Coniontis lata* var. *insularis* Casey, 1890 (described from Santa Cruz);8305 *Coniontides* was synonymized with *Coniontis* by Doyen (1972). Fall (1901) primarily8306 recognized *Coniontis lata* but used *C. lata* var. *insularis* for the Santa Cruz population.8307 Fall & Davis (1934) used *Coniontides insularis* for the Santa Cruz and Santa Rosa

- 8308 populations. Cockerell (1940) variously used the names *Coniontides clementinus* and  
8309 *Coniontides*.
- 8310
- 8311 *Coniontis microsticta* Casey, 1908
- 8312 Nomenclatural Authority: Bousquet et al. (2018)
- 8313 Literature Records: none
- 8314 Digitized Records: Santa Cruz (5 CASC)
- 8315 Range: Also known from mainland (Casey 1908).
- 8316 Notes. The type and only given locality of this species is Alameda County, California  
8317 (Casey 1908), which makes these determinations dubious but impossible to discount until  
8318 further revisionary works are undertaken.
- 8319
- 8320 *Coniontis nemoralis* Eschscholtz, 1829
- 8321 Nomenclatural Authority: Bousquet et al. (2018)
- 8322 Literature Records: none
- 8323 Digitized Records: Santa Cruz (5 CASC)
- 8324 Range: Also known from mainland (Casey 1908; Bousquet et al. 2018)
- 8325 Notes. This species was described and reported from the vicinity of San Francisco and is  
8326 currently separated into two putative subspecies from California and Oregon (Bousquet et  
8327 al. 2018). The determinations of these specimens are dubious but impossible to discount  
8328 until further revisionary works are undertaken.
- 8329
- 8330 *Coniontis santarosae* Blaisdell, 1921
- 8331 Nomenclatural Authority: Bousquet et al. (2018)
- 8332 Literature Records: San Miguel (Blaisdell 1921: 210; Cockerell 1940: 284; Miller 1985a:  
8333 20), Santa Cruz (Cockerell 1940: 284), Santa Rosa (Blaisdell 1921: 210; Cockerell 1940:  
8334 284; Miller 1985a: 20)
- 8335 Digitized Records: San Miguel (2 CASC), Santa Cruz (3 CASC), Santa Rosa (75 CASC)
- 8336 Range: Endemic (Blaisdell 1921).
- 8337 Notes. Blaisdell (1921) reported that this species clearly belonged to a different species  
8338 group than *C. lata* as defined by Casey (1908). Though these two taxa are likely distinct  
8339 from each other and are both putative island endemics, their status in relation to the  
8340 mainland species remains to be critically examined.
- 8341
- 8342 *Coniontis subpubescens* LeConte, 1851
- 8343 Nomenclatural Authority: Bousquet et al. (2018)
- 8344 Literature Records: Santa Catalina (Fall 1897: 238), Santa Cruz (LeConte 1876: 299; Fall  
8345 1897: 238; Fall & Davis 1934: 144)
- 8346 Digitized Records: none
- 8347 Range: Also known from mainland (Bousquet et al. 2018).

8348 Notes. Cockerell (1940: 284) stated on the authority of Fall that the previous reports of  
8349 this species should in fact refer to *C. lamentabilis*; this identification correction has not  
8350 been seen in any other published works or museum records.

8351

8352 *Coniontis viatica* Eschscholtz, 1829

8353 Nomenclatural Authority: Bousquet et al. (2018)

8354 Literature Records: Santa Cruz (LeConte 1876: 299; Fall 1897: 238; Fall & Davis 1934:  
8355 144)

8356 Digitized Records: none

8357 Range: Also known from mainland.

8358

8359 *Eusattus* LeConte, 1851

8360 Nomenclatural Authority: Bousquet et al. (2018)

8361 Notes. This genus was thoroughly revised by Doyen (1984) who provided reliable keys  
8362 and distribution information. Ten species are reported from California (Bousquet et al. 2018).

8363

8364 *Eusattus difficilis* LeConte, 1851

8365 Nomenclatural Authority: Bousquet et al. (2018)

8366 Literature Records: San Clemente (Doyen 1984: 97).

8367 Digitized Records: none

8368 Range: Also known from mainland (Doyen 1984).

8369 Notes. This island record is taken from a distinct marker on a range map, though no  
8370 further specimen data are given for this or any other distribution points on the map within  
8371 the main text. This species is broadly distributed on coastal and mainland southern  
8372 California.

8373

8374 *Eusattus politus* Horn, 1883

8375 Nomenclatural Authority: Bousquet et al. (2018)

8376 Literature Records: San Miguel (Blaisdell 1921: 215; Cockerell 1940: 283; Doyen 1984:  
8377 93; Miller 1985a: 21), Santa Cruz (Doyen 1984: 93), Santa Rosa (Fall 1897: 238; Fall  
8378 1901: 166, Blaisdell 1921: 215; Doyen 1984: 93; Miller 1985a: 21)

8379 Digitized Records: San Miguel (6 LACM; 20 SBMNH), Santa Rosa (1 LACM; 5  
8380 SBMNH)

8381 Range: Endemic (Doyen 1984).

8382 Notes. This species was described from “Santa Barbara California” (Horn 1883: 304) but  
8383 no other specimens have ever been reported, definitively or putatively, from the mainland  
8384 (Doyen 1984). *Eusattus vanduzeei* Blaisdell, 1921 (type locality: Prince Island off San  
8385 Miguel Island) was synonymized by Doyen (1984). Two subspecies were recognized in  
8386 the last revision by Doyen (1984) which can be separated by the size of the punctures on  
8387 the head and pronotal disc. *Eusattus politus politus* Horn, 1883 is known from San

8388 Miguel, Prince, and Santa Rosa islands, while *E. politus cruzensis* Doyen, 1984 is known  
 8389 from Santa Cruz Island. The record from Santa Barbara Island by Fall (1901: 166) is  
 8390 problematic and here discounted. It likely resulted from Horn's original type locality, but  
 8391 the species was not reported from Santa Barbara Island by either Doyen (1984) or Miller  
 8392 & Miller (1985). The populations from San Miguel and Santa Rosa islands were reported  
 8393 as *E. vanduzeei* by Blaisdell (1921) and Cockerell (1940).

8394

8395 *Eusattus robustus* LeConte, 1866

8396 Nomenclatural Authority: Bousquet et al. (2018)

8397 Literature Records: San Clemente (LeConte 1866a: 112; Horn 1870: 293; Fall 1897: 238;  
 8398 Fall 1901: 166; Casey 1908: 59; Doyen 1974: 87; Doyen 1977: 6; Doyen 1984: 95;

8399 Miller 1985a: 21), San Nicolas (Doyen 1984: 95)

8400 Digitized Records: San Clemente (1 BYUC; 1 OSUC; 36 LACM; 9 MAJC; 14 SBMNH;

8401 2 SDNHM; 2 iNat), San Miguel (1 LACM), San Nicolas (13 LACM; 1 SBMNH), Santa

8402 Barbara (1 LACM), Santa Rosa (1 LACM)

8403 Range: Endemic (LeConte 1866; Fall 1897; Doyen 1977).

8404 Notes. Casey (1908) considered this species to form a distinct genus, *Nesostes* Casey,
8405 1908, and recognized a subspecies, *E. robustus postremus* Casey, 1908, from a single
8406 specimen also from San Clemente Island. Triplehorn (1968) synonymized *Nesostes* under
8407 *Eusattus*, and Doyen (1977) synonymized the subspecies. Doyen (1984: 95) commented

8408 on what he believed were mislabeled specimens in the LACM from Santa Barbara, San

8409 Miguel, Anacapa, and Santa Rosa islands.

8410

8411 Edrotini

8412

8413 Notes. Fifteen genera and 78 species of Edrotini are known to occur in California

8414 (Bousquet et al. 2018; M Gimmel, unpublished data). This tribe experienced a manyfold increase

8415 in described species from Casey (1907), and groups that have not been revised subsequently

8416 have proved intractable for reliable identifications since. *Cryptadius* was revised by Thomas
8417 (1985). *Metoponium* and *Hylocrinus* are in need of a revision consisting primarily of synonymy

8418 (Johnston et al., in prep).

8419

8420 *Cryptadius* LeConte, 1851

8421 Nomenclatural Authority: Bousquet et al. (2018)

8422 Notes. This genus inhabits coastal dunes and is distributed from the Channel Islands

8423 region south along the Baja California peninsula and coasts of the Gulf of California. The genus

8424 was revised by Thomas (1985), who provided distributions and a reliable key to species. One

8425 species is known from California (Bousquet et al. 2018).

8426

8427 *Cryptadius inflatus* LeConte, 1852

- 8428 Nomenclatural Authority: Bousquet et al. (2018)  
8429 Literature Records: Santa Cruz (Straughan & Hadley 1980: 392; Thomas 1985: 197)  
8430 Digitized Records: Santa Cruz (1 MAJC; 14 SBMNH), Santa Rosa (4 SBMNH)  
8431 Range: Also known from mainland (Thomas 1985).  
8432 Notes. All *Cryptadius* known from the United States, including the Channel Islands,  
8433 belong to the nominate subspecies, *C. inflatus inflatus* LeConte, 1852.  
8434  
8435 *Hylocrinus* Casey, 1907  
8436 Nomenclatural Authority: Bousquet et al. (2018); Johnston et al. (in prep)  
8437 Notes. This genus is in great need of revision and seemingly many synonymies for the  
8438 United States fauna, which was last treated by Casey (1907). Seven putative species are known  
8439 from California (Bousquet et al. 2018)  
8440  
8441 *Hylocrinus longulus* (LeConte, 1851)  
8442 Nomenclatural Authority: Bousquet et al. (2018); Johnston et al. (in prep)  
8443 Literature Records: none  
8444 Digitized Records: San Nicolas (1 SBMNH)  
8445 Range: Also known from mainland (Casey 1907; MAJ, personal data).  
8446 Notes. This is one of two species recognized by Johnston et al. (in prep) that are fairly  
8447 widespread throughout southern California. The single known specimen from San  
8448 Nicolas is from a reliable collecting event and shows no observable difference from the  
8449 mainland population.  
8450  
8451 *Metoponium* Casey, 1907  
8452 Nomenclatural Authority: Bousquet et al. (2018)  
8453 Digitized Records (genus-only): San Clemente (1 LACM; 2 SBMNH), Santa Catalina (10  
8454 LACM; 23 SBMNH)  
8455 Notes. This genus, like the others in this tribe, requires extensive revision. It is highly  
8456 probable that it only represents a small handful of valid species and is likely itself a synonym of  
8457 the genus *Eurymetopon* Eschscholtz, 1829 (MAJ, personal observation). Literature and digitized  
8458 records to the level of species are dubious until a proper revision can be undertaken. Twenty  
8459 nominal species are currently known from California (Bousquet et al. 2018; M Gimmel,  
8460 unpublished data)  
8461  
8462 *Metoponium convexicolle* (LeConte, 1851)  
8463 Nomenclatural Authority: Bousquet et al. (2018)  
8464 Literature Records: Santa Catalina (Fall 1897: 238; Baker 1905: 59)  
8465 Digitized Records: none  
8466 Range: Also known from mainland (LeConte 1851; Bousquet et al. 2018).

- 8467 Notes. The literature records for this species were under the name *Eurymetopon*  
8468 *convexicolle*, its original combination.
- 8469
- 8470 *Metoponium insulare* Casey, 1908
- 8471 Nomenclatural Authority: Bousquet et al. (2018)
- 8472 Literature Records: Santa Catalina (Casey 1907: 308; Miller 1985a: 21)
- 8473 Digitized Records: Santa Catalina (1 USNM)
- 8474 Range: Endemic (Casey 1907).
- 8475 Notes. The validity of this species is dubious (MAJ, personal observation).
- 8476
- 8477 *Telabis* Casey, 1890
- 8478 Nomenclatural Authority: Bousquet et al. (2018)
- 8479 Notes. This genus is in great need of revision and many synonymies (MAJ, personal  
8480 observation). Six currently valid species are recorded from California (Bousquet et al. 2018; M  
8481 Gimmel, unpublished data).
- 8482
- 8483 *Telabis serratus* (LeConte, 1866)
- 8484 Nomenclatural Authority: Bousquet et al. (2018)
- 8485 Literature Records: none
- 8486 Digitized Records: Santa Catalina (1 LACM)
- 8487 Range: Also known from mainland (Horn 1870).
- 8488 Notes. This species is widespread across southern California and is common in sandy  
8489 habitats.
- 8490
- 8491 Nyctoporini
- 8492
- 8493 Notes. One genus and five species of Nyctoporini have been recorded from California  
8494 (Bousquet et al. 2018).
- 8495
- 8496 *Nyctoporis* Eschscholtz, 1829
- 8497 Nomenclatural Authority: Bousquet et al. (2018)
- 8498 Digitized Records (genus-only): Anacapa (6 LACM), San Miguel (3 LACM), Santa  
8499 Catalina (5 LACM), Santa Cruz (5 LACM)
- 8500 Notes. The catalog of Bousquet et al. (2018) included a number of synonymies for this  
8501 genus which at present comprises four valid species, but there is no key or modern treatment to  
8502 identify these taxa. This genus is restricted to California, with all five of its species known from  
8503 the state (Bousquet et al. 2018).
- 8504
- 8505 *Nyctoporis carinata* LeConte, 1851
- 8506 Nomenclatural Authority: Bousquet et al. (2018)

8507 Literature Records: San Miguel (Caterino, Chatzimanolis & Richmond 2015: 278), Santa  
 8508 Catalina (Fall 1897: 238; Baker 1905: 59; Caterino, Chatzimanolis & Richmond 2015:  
 8509 278), Santa Cruz (Fall & Davis 1934: 144; Polihronakis & Caterino 2010a: 426;  
 8510 Caterino, Chatzimanolis & Richmond 2015: 278), Santa Rosa (Caterino, Chatzimanolis  
 8511 & Richmond 2015: 278)  
 8512 Digitized Records: Anacapa (2 SBMNH), San Miguel (1 LACM; 7 SBMNH), Santa  
 8513 Catalina (1 BYUC; 13 SBMNH; 1 iNat), Santa Cruz (8 LACM; 12 SBMNH; 5 TAMU),  
 8514 Santa Rosa (16 SBMNH)  
 8515 Range: Also known from mainland (Caterino, Chatzimanolis & Richmond 2015).  
 8516 Notes. Polihronakis & Caterino (2010a) showed that this species has a high degree of  
 8517 genetic distance in mitochondrial loci between mainland populations, which seem to be  
 8518 the same species as the populations on the islands. Caterino, Chatzimanolis & Richmond  
 8519 (2015) provided a detailed molecular phylogeographic analysis of this and several other  
 8520 beetle species for the California Channel Islands. It seems clear that the island  
 8521 populations and those of southern mainland California are the same species, but the  
 8522 species boundaries become more uncertain in the northern half of the state (MAJ,  
 8523 personal observation).

#### 8524 Stenochiinae

8525  
 8526  
 8527 Notes. Four genera and 15 species of Stenochiinae, all belonging to the tribe Cnodalonini,  
 8528 have been recorded from California (Bousquet et al. 2018).

#### 8529 *Cibdelis* Mannerheim, 1843

8530  
 8531 Nomenclatural Authority: Bousquet et al. (2018)

8532 Notes. This genus is only known from California and needs a modern revision. All five  
 8533 currently valid species are recorded from California (Bousquet et al. 2018).

8534  
 8535 *Cibdelis bachei* LeConte, 1861

8536 Nomenclatural Authority: Bousquet et al. (2018)

8537 Literature Records: San Clemente (Horn 1870: 341; Fall 1901: 170), Santa Barbara  
 8538 (LeConte 1861: 353; Fall 1897: 238; Fall 1901: 170; Miller 1985a: 20; Miller & Miller  
 8539 1985: 128), Santa Catalina (Fall 1901: 170; Miller 1985a: 20), Santa Cruz (Miller 1985a:  
 8540 20)

8541 Digitized Records: Santa Catalina (9 LACM; 2 MAJC; 5 SBMNH), Santa Cruz (4  
 8542 MAJC; 18 SBMNH), Santa Rosa (8 SBMNH)

8543 Range: Endemic (LeConte 1861).

8544 Notes. Miller & Miller (1985) suggested that the published type locality of Santa Barbara  
 8545 Island may be due to mislabeling and that the type might actually be from Santa Cruz  
 8546 Island. No other records are known from Santa Barbara Island, so this seems plausible.

8547

8548

*Coelocnemis* Mannerheim, 1843

8549

Nomenclatural Authority: Bousquet et al. (2018)

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8557

Notes. This genus was revised by Doyen (1973), who provided excellent keys and species treatments. Specimens of this genus are often misidentified or placed within unsorted *Eleodes* specimens in collections. Three specimens from Santa Cruz Island in the BYUC are determined as *Coelocnemis dilaticollis* Mannerheim, 1843 (= *Coelocnemis californica* Mannerheim, 1843) which are deemed likely misidentified or mis-georeferenced, but they may represent a new island record for this genus. Six species are recorded from California (Bousquet et al. 2018).

8558

*Coelocnemis magna* LeConte, 1851

8559

Nomenclatural Authority: Bousquet et al. (2018)

8560

Literature Records: Santa Catalina (Doyen 1973: 90)

8561

Digitized Records: Santa Catalina (9 LACM; 1 SBMNH)

8562

Range: Also known from mainland (Doyen 1973).

8563

Notes. This species is relatively abundant in coastal habitats of southern California and can most frequently be found under bark and on dead logs.

8564

8565

8566

#### Tenebrioninae

8567

8568

8569

8570

Notes. Thirteen tribes, 25 genera, and 72 species of Tenebrioninae are known to occur in California (Bousquet et al. 2018; M Gimmel, unpublished data).

8571

#### Apocryphini

8572

8573

8574

Notes. One genus and three species of Apocryphini have been recorded from California (Bousquet et al. 2018).

8575

8576

*Apocrypha* Eschscholtz, 1831

8577

Nomenclatural Authority: Bousquet et al. (2018)

8578

Notes. This genus putatively has species in both North America and South America.

8579

There are three species in North America, all of which are recorded from and restricted to California (Doyen & Kitayama 1980).

8580

8581

8582

*Apocrypha anthicoides* Eschscholtz, 1831

8583

Nomenclatural Authority: Bousquet et al. (2018)

8584

Literature Records: none

8585

Digitized Records: Anacapa (5 SBMNH), Santa Cruz (3 SBMNH)

8586

Range: Also known from mainland (Doyen &amp; Kitayama 1980).

8587 Notes. This species is widespread along coastal California, but was not recorded from the  
8588 islands in the last review of the genus (Doyen & Kitayama 1980).

8589

8590

### Eulabini

8591

8592 Notes. Three genera and eight species of Eulabini have been recorded from California  
8593 (Bousquet et al. 2018).

8594

8595

### *Apsena* LeConte, 1851

8596

Nomenclatural Authority: Bousquet et al. (2018)

8597

8598 Notes. This genus was revised by Blaisdell (1932), who provided keys and species  
8599 treatments. Determinations made since then seem fairly dubious and there is likely some  
8600 synonymy that needs to be made within this group (MAJ, personal observation). Six species are  
8601 reported from California (Bousquet et al. 2018).

8601

8602 *Apsena barbarae* Blaisdell, 1932

8603

Nomenclatural Authority: Bousquet et al. (2018)

8604

Literature Records: Santa Catalina (Blaisdell 1932: 63), Santa Cruz (Fall & Davis 1934:  
8605 144)

8606

Digitized Records: none

8607

Range: Also known from mainland (Blaisdell 1932).

8608

8609 Notes. Blaisdell (1932) described this species in the “*pubescens*-group” with a type  
8610 locality of Santa Barbara. Subsequently identified material may have been determined as  
8611 *Apsena pubescens* (LeConte, 1851), listed below.

8611

8612 *Apsena grossa* (LeConte, 1866)

8613

Nomenclatural Authority: Bousquet et al. (2018)

8614

Literature Records: San Clemente (LeConte 1866a: 118, Horn 1870: 324; Fall 1897: 238;

8615

Fall 1901: 168; Blaisdell 1932: 75; Doyen 1974: 87; Miller 1985a: 20), San Nicolas (Fall

8616

1901: 169; Blaisdell 1932: 75; Miller 1985a: 20), Santa Barbara (Fall 1901: 169;

8617

Blaisdell 1932: 75; Miller 1985a: 20; Miller & Miller 1985: 128), Santa Catalina

8618

(Blaisdell 1932: 75; Miller 1985a: 20)

8619

Digitized Records: Anacapa (8 LACM), San Clemente (74 LACM; 2 MAJC; 15

8620

SBMNH; 13 SDNHM), San Nicolas (103 LACM; 16 SBMNH), Santa Barbara (130

8621

LACM; 2 MAJC; 17 SBMNH), Santa Catalina (13 LACM), Santa Rosa (4 LACM)

8622

Range: Endemic (LeConte 1866a; Fall 1897; Blaisdell 1932).

8623

8624 Notes. This is the largest species of the genus and is immediately recognizable by its  
8625 rotund form. Blaisdell (1932) included this species in the “*pubescens*-group”. It has only  
8626 been recorded from the Channel Islands and was listed as its original combination

8625

*Eulabis grossa* by LeConte (1866a), Horn (1870), and Fall (1897, 1901).

8626

8627

8628 *Apsena pubescens* (LeConte, 1851)

8629 Nomenclatural Authority: Bousquet et al. (2018)

8630 Literature Records: Santa Catalina (Fall 1897: 238; Baker 1905: 57; Blaisdell 1932: 55)

8631 Digitized Records: San Clemente (1 LACM), Santa Catalina (1 LACM; 13 SBMNH),

8632 Santa Cruz (3 LACM; 14 SBMNH), Santa Rosa (1 SBMNH)

8633 Range: Also known from mainland (Blaisdell 1932).

8634 Notes. Blaisdell (1932) largely separated this species, namesake of the “*pubescens*-8635 group” and type of the genus, from *A. barbarae* by means of more attenuate males and

8636 difference in setal length. All island records of these two taxa will need to be critically

8637 examined as part of a revision of this genus.

8638

8639 *Apsena rufipes* (Eschscholtz, 1829)

8640 Nomenclatural Authority: Bousquet et al. (2018)

8641 Literature Records: none

8642 Digitized Records: Santa Cruz (1 CSUC; 1 SBMNH), Santa Rosa (1 SBMNH)

8643 Range: Also known from mainland (Blaisdell 1932).

8644 Notes. Blaisdell (1932) placed this species in its own species group, the “*rufipes*-group”,

8645 but provided no island records. The single specimen from CSUC is determined as

8646 “*Eulabis rufipes*”.

8647

8648 *Epantius* LeConte, 1851

8649 Nomenclatural Authority: Bousquet et al. (2018)

8650 Notes. This is a monotypic genus with its single species known from California

8651 (Bousquet et al. 2018).

8652

8653 *Epantius obscurus* LeConte, 1851

8654 Nomenclatural Authority: Bousquet et al. (2018)

8655 Literature Records: Anacapa (Blaisdell 1943: 238), San Nicolas (Blaisdell 1932: 94;

8656 Blaisdell 1943: 238), Santa Cruz (Blaisdell 1932: 94; Blaisdell 1943: 238), Santa Rosa

8657 (Fall 1897: 238; Blaisdell 1943: 238)

8658 Digitized Records: Anacapa (41 LACM), San Clemente (2 LACM; 4 SBMNH), San

8659 Miguel (2 LACM; 46 SBMNH; 1 SDNHM), San Nicolas (95 LACM; 7 SBMNH), Santa

8660 Catalina (4 SBMNH), Santa Cruz (98 LACM; 33 SBMNH), Santa Rosa (1 LACM; 5

8661 SBMNH)

8662 Range: Also known from mainland (Blaisdell 1932).

8663 Notes. This species is common along the California shoreline and can be found under

8664 wrack and dune vegetation near and above the high-tide line. Fall (1897) recorded this

8665 species as *Eulabis obscura*.

8666

8667 Helopini

8668

8669 Notes. Two genera and 25 species of Helopini are known to occur in California  
8670 (Bousquet et al. 2018; M Gimmel, unpublished data).

8671

8672 *Helops* Fabricius, 1775

8673 Nomenclatural Authority: Bousquet et al. (2018)

8674 Literature Records (genus-only): Santa Barbara (Miller & Miller 1985: 128), Santa  
8675 Catalina (Fall 1897: 238)

8676 Digitized Records (genus-only): San Clemente (6 SDNHM)

8677 Notes. This genus, as currently circumscribed, is worldwide and the New World species  
8678 are in great need of revision, all likely not being congeneric with the European type species. The  
8679 *Helops* fauna of the western United States is particularly in need of revision, and both literature  
8680 and digitized records should be reviewed. The most reliable key is that of Horn (1870). Miller &  
8681 Miller (1985) referred to a species of *Helops* other than *H. bachei* LeConte, 1861 from Santa  
8682 Barbara Island on the authority of T.J. Spilman. There are 23 species known to occur in  
8683 California (Bousquet et al. 2018; M Gimmel, unpublished data).

8684

8685 *Helops bachei* LeConte, 1861

8686 Nomenclatural Authority: Bousquet et al. (2018)

8687 Literature Records: San Clemente (Doyen 1974: 87), Santa Barbara (LeConte 1861: 353;  
8688 Horn 1870: 396; Fall 1897: 238; Fall 1901: 175; Miller & Miller 1985: 128)

8689 Digitized Records: Anacapa (1 LACM), San Clemente (9 LACM; 1 SBMNH), San  
8690 Miguel (5 SBMNH), San Nicolas (13 LACM; 9 SBMNH), Santa Barbara (3 LACM),  
8691 Santa Catalina (3 LACM; 15 SBMNH), Santa Cruz (1 CSUC; 1 MAJC; 3 SBMNH),  
8692 Santa Rosa (1 LACM; 20 SBMNH)

8693 Range: Endemic (LeConte 1861; Fall 1901); also known from mainland (Horn 1870; Fall  
8694 1901).

8695 Notes. Fall (1901: 175) reported this species from the mainland but perhaps the “true  
8696 form” is only found on the “Santa Barbara Islands”. This species is very similar to the  
8697 mainland species *Helops rugicollis* LeConte, 1866, but most noticeably differs by having  
8698 rounded tubercles on the elytra. This complex and all the island records need to be  
8699 closely examined. Whether this is an island endemic species is hard to know and is  
8700 debatable according to the literature.

8701

8702 *Helops blaisdelli* Casey, 1891

8703 Nomenclatural Authority: Bousquet et al. (2018)

8704 Literature Records: San Nicolas (Cockerell 1940: 284)

8705 Digitized Records: none

8706 Range: Also known from mainland (Casey 1891).

8707 Notes. This identification by Cockerell (1940: 284) is somewhat dubious. Casey (1891)  
 8708 described this species from San Diego and likened it to *H. bachei*. It is possible this taxon  
 8709 corresponds to the mainland populations of the latter species reported by Horn (1870), or  
 8710 it could be a valid species and, the Cockerell (1940) record notwithstanding, validates *H.*  
 8711 *bachei* as a true island endemic with a mainland sister species. Until this genus is revised,  
 8712 this record cannot be fully discounted for the Channel Islands.

8713

8714 *Helops rugicollis* LeConte, 1866

8715 Nomenclatural Authority: Bousquet et al. (2018)

8716 Literature Records: none

8717 Digitized Records: Santa Catalina (2 SBMNH)

8718 Range: Also known from mainland (Horn 1870).

8719 Notes. See discussion on two species above; this taxon is dubious for the islands but is in  
 8720 an unrevised species complex with the other two species recorded from the Channel  
 8721 Islands. The true identity and number of species on the Channel Islands requires revision.

8722

8723 Triboliini

8724

8725 Notes. Five genera and 13 species of Triboliini are known to occur in California  
 8726 (Bousquet et al. 2018; M Gimmel, unpublished data).

8727

8728 *Tribolium* MacLeay, 1825

8729 Nomenclatural Authority: Bousquet et al. (2018)

8730 Notes. This genus contains several cosmopolitan species that are strongly synanthropic.  
 8731 Six species are recorded from California (Bousquet et al. 2018; M Gimmel, unpublished data)

8732

8733 *Tribolium castaneum* (Herbst, 1797)

8734 Nomenclatural Authority: Bousquet et al. (2018)

8735 Literature Records: none

8736 Digitized Records: Santa Catalina (1 BYUC)

8737 Range: Also known from mainland (Bousquet et al. 2018).

8738 Notes. This species, commonly referred to as the red flour beetle, is synanthropic and  
 8739 found throughout California wherever people live.

8740

8741 **Zopheridae**

8742

8743 Notes. Two subfamilies, 18 genera, and 42 species of Zopheridae have been recorded  
 8744 from California (M Gimmel, unpublished data).

8745

8746 Colydiinae

8747

8748 Notes. Three tribes, 12 genera, and 28 species of Colydiinae have been recorded from  
8749 California (M Gimmel, unpublished data). The North American species of the subfamily were  
8750 treated by Stephan (1989); Ivie et al. (2016) provided an overview and key to the New World  
8751 genera, as well as a checklist of New World species.

8752

8753

## Rhagoderini

8754

8755 Notes. One genus and three species of Rhagoderini have been recorded from California  
8756 (Stephan 1989; Krinsky 2015).

8757

8758

*Rhagoderma* Mannerheim, 1843

8759

Nomenclatural Authority: Stephan (1989)

8760

8761

Notes. Three species of *Rhagoderma* have been recorded from California (Stephan 1989;  
Krinsky 2015).

8762

8763

*Rhagoderma costae* Krinsky, 2015

8764

Nomenclatural Authority: Ivie et al. (2016)

8765

Literature Records: San Clemente (Krinsky 2015: 294)

8766

Digitized Records: none

8767

Range: Endemic (Krinsky 2015).

8768

8769

Notes. This species was described from five specimens collected on San Clemente Island  
which are reportedly deposited in the YPMC (Krinsky 2015).

8770

8771

*Rhagoderma interrupta* Stephan, 1989

8772

Nomenclatural Authority: Ivie et al. (2016)

8773

Literature Records: San Nicolas (Krinsky 2015: 293)

8774

Digitized Records: San Nicolas (6 SBMNH)

8775

Range: Unknown.

8776

8777

Notes. This species was described from five specimens located in the Ulke collection at  
the Carnegie Museum of Natural History which were only labeled as “California”

8778

(Stephan 1989). No other localities have been recorded in print or in digitized specimen

8779

data besides the island record given here.

8780

8781

*Rhagoderma tuberculata* (Mannerheim, 1843)

8782

Nomenclatural Authority: Ivie et al. (2016)

8783

Literature Records: San Clemente (Miller & Miller 1985: 127), Santa Barbara (Miller &

8784

Miller 1985: 127; Krinsky 2015: 293), Santa Cruz (Krinsky 2015: 293)

8785

Digitized Records: Santa Cruz (1 SBMNH)

8786

Range: Also known from mainland (Stephan 1989).

8787 Notes. This is one of the more widespread and commonly collected species of this genus,  
8788 with most of its known specimens originating from Los Angeles County, California  
8789 (Stephan 1989).

8790

8791 Synchitini

8792

8793 Notes. Nine genera and 22 species of Synchitini have been recorded from California  
8794 (Stephan 1989; M Gimmel, unpublished data).

8795

8796 *Lasconotus* Erichson, 1845

8797 Nomenclatural Authority: Stephan (1989)

8798 Notes. Twelve species of *Lasconotus* have been recorded from California (Stephan  
8799 1989).

8800

8801 *Lasconotus linearis* Crotch, 1974

8802 Nomenclatural Authority: Ivie et al. (2016)

8803 Literature Records: none

8804 Digitized Records: Santa Cruz (3 SBMNH), Santa Rosa (1 SBMNH)

8805 Range: Also known from mainland (Crotch 1974).

8806

8807 *Megataphrus* Casey, 1890

8808 Nomenclatural Authority: Stephan (1989)

8809 Notes. One species of *Megataphrus* has been recorded from California (Stephan 1989).

8810

8811 *Megataphrus tenuicornis* Casey, 1890

8812 Nomenclatural Authority: Ivie et al. (2016)

8813 Literature Records: none

8814 Digitized Records: Santa Rosa (16 SBMNH)

8815 Range: Also known from mainland (Stephan 1989).

8816

8817 *Synchita* Hellwig, 1792

8818 Nomenclatural Authority: Stephan (1989)

8819 Notes. One species of *Synchita* has been recorded from California (Stephan 1989).

8820

8821 *Synchita lecontei* Ivie, Lord, Foley, & Slipinski, 2016

8822 Nomenclatural Authority: Ivie et al. (2016)

8823 Literature Records: none

8824 Digitized Records: Santa Cruz (2 SBMNH)

8825 Range: Also known from mainland (Stephan 1989).

8826 Notes. This species was known as *Microsicus variegatus* (LeConte, 1858) in Stephan  
8827 (1989).

8828

8829

Zopherinae: Zopherini

8830

8831 Notes. Four tribes, six genera, and 14 species of Zopherinae, of which two genera and  
8832 seven species belong to Zopherini, have been recorded from California (M Gimmel, unpublished  
8833 data).

8834

8835

*Phloeodes* LeConte, 1862

8836

Nomenclatural Authority: Foley & Ivie (2008)

8837

Notes. Two species of *Phloeodes* have been recorded from California (Foley & Ivie

8838

2008). The species of this genus were revised by Foley & Ivie (2008).

8839

8840 *Phloeodes diabolicus* (LeConte, 1851)

8841

Nomenclatural Authority: Foley & Ivie (2008)

8842

Literature Records: Santa Cruz (LeConte 1876: 299; Fall 1897: 238; Fall & Davis 1934:  
8843 144)

8844

Digitized Records: none

8845

Range: Also known from mainland (Foley & Ivie 2008; Polihronakis & Caterino 2010b).

8846

Notes. No island records were given by Foley & Ivie (2008) or Polihronakis & Caterino

8847

(2010b). The literature records of this species are curious. This is a large and charismatic

8848

species which is readily separable from its congener *Phloeodes plicatus* (LeConte, 1859).

8849

We presume that LeConte (1876) and those that followed merely recorded the wrong

8850

species name, but these authors were familiar with these two species so it may yet prove

8851

to be a valid record.

8852

8853 *Phloeodes plicatus* (LeConte, 1859)

8854

Nomenclatural Authority: Foley & Ivie (2008)

8855

Literature Records: Santa Catalina (Polihronakis & Caterino 2010b: 3), Santa Cruz

8856

(Foley & Ivie 2008: 46)

8857

Digitized Records: Santa Catalina (5 SBMNH), Santa Cruz (2 OSUC; 7 SBMNH)

8858

Range: Also known from mainland (Foley & Ivie 2008; Polihronakis & Caterino 2010b).

8859

Notes. We have examined specimens of this species and are confident of its occurrence

8860

on the islands, but see comments under *P. diabolicus*.

8861

8862

**COCCINELLOIDEA**

8863

8864

**Akalyptoischiidae**

8865

8866 Notes. One genus and 17 species of Akalyptoischiidae have been recorded from  
8867 California (Hartley et al. 2008).

8868

8869 *Akalyptoischion* Andrews, 1976

8870 Nomenclatural Authority: Hartley, McHugh & Andrews (2008)

8871 Notes. Seventeen species of *Akalyptoischion* have been recorded from California

8872 (Hartley, McHugh & Andrews 2008). This genus was revised by Hartley, McHugh & Andrews  
8873 (2008).

8874

8875 *Akalyptoischion heterotrichos* Hartley, McHugh & Andrews, 2008

8876 Nomenclatural Authority: Hartley, McHugh & Andrews (2008)

8877 Literature Records: none

8878 Digitized Records: Santa Catalina (1 SBMNH)

8879 Range: Also known from mainland (Hartley, McHugh & Andrews 2008).

8880

8881 *Akalyptoischion hormathos* Andrews, 1976

8882 Nomenclatural Authority: Hartley, McHugh & Andrews (2008)

8883 Literature Records: Santa Barbara (Andrews 1976a: 9; Miller & Miller 1985: 127;

8884 Hartley, McHugh & Andrews 2008: 37)

8885 Digitized Records: San Clemente (19 SBMNH), Santa Catalina (14 SBMNH), Santa

8886 Cruz (15 SBMNH), Santa Rosa (30 SBMNH)

8887 Range: Also known from mainland (Andrews 1976a; Hartley, McHugh & Andrews  
8888 2008).

8889

8890 **Cerylonidae, NEW FAMILY RECORD**

8891

8892 Notes. Three genera and four species of Cerylonidae have been recorded from California  
8893 (Hartley et al. 2008).

8894

8895 *Cerylon* Latreille, 1802

8896 Nomenclatural Authority: Lawrence & Stephan (1975)

8897 Notes. The genus *Cerylon* contains two species recorded from California (Lawrence &  
8898 Stephan 1975). These were keyed by Lawrence & Stephan (1975).

8899

8900 *Cerylon unicolor* (Ziegler, 1845)

8901 Nomenclatural Authority: Lawrence & Stephan (1975)

8902 Literature Records: none

8903 Digitized Records: Santa Cruz (2 SBMNH)

8904 Range: Also known from mainland (Lawrence & Stephan 1975).

8905

8906 **Coccinellidae**

8907

8908 Notes. The known North American species of Coccinellidae were fully treated by Gordon  
8909 (1985), with additions to the introduced fauna by Gordon & Vandenberg (1991). Two  
8910 subfamilies, forty-two genera, and 175 species are known from California (M Gimmel,  
8911 unpublished data).

8912

8913 Coccinellinae

8914

8915 Notes. Eight tribes, 38 genera, and 164 species of Coccinellinae have been recorded from  
8916 California (Gordon 1985; M Gimmel, unpublished data).

8917

8918 **Cephaloscymnini**

8919

8920 Notes. One genus and species of Cephaloscymnini has been recorded from California  
8921 (Gordon 1985).

8922

8923 *Cephaloscymnus* Crotch, 1873

8924 Nomenclatural Authority: Gordon (1985)

8925 Notes. One species of *Cephaloscymnus* is recorded from California (Gordon 1985).

8926

8927 *Cephaloscymnus occidentalis* Horn, 1895

8928 Nomenclatural Authority: Gordon (1985)

8929 Literature Records: Santa Catalina (Fall 1897: 237; Fall 1901: 87)

8930 Digitized Records: none

8931 Range: Also known from mainland (Fall 1901; Gordon 1985).

8932

8933 **Chilocorini**

8934

8935 Notes. Five genera and 17 species of Chilocorini have been recorded from California  
8936 (Gordon 1985).

8937

8938 *Axion* Mulsant, 1850

8939 Nomenclatural Authority: Gordon (1985)

8940 Notes. One species of *Axion* is recorded from California (Gordon 1985).

8941

8942 *Axion plagiatum* (Olivier, 1808)

8943 Nomenclatural Authority: Gordon (1985)

8944 Literature Records: none

8945 Digitized Records: Santa Cruz (5 SBMNH)

8946 Range: Also known from mainland (Gordon 1985).

8947

8948 *Chilocorus* Leach, 1815

8949 Nomenclatural Authority: Gordon (1985)

8950 Notes. Five species of *Chilocorus* have been recorded from California, two of which are  
8951 adventive (Gordon 1985). These were keyed by Gordon (1985).

8952

8953 *Chilocorus* undetermined species

8954 Literature Records: Santa Catalina (Seavey 1892: 263; Fall 1897: 237)

8955 Digitized Records: Santa Cruz (1 UCSB)

8956 Notes. The records from Seavey (1892) and Fall (1897) were reported as *Chilocorus*  
8957 *bivulnerus* Mulsant, 1850, a current junior synonym of *Chilocorus stigma* (Say, 1835), a  
8958 species that does not occur in California. Early California records of *C. bivulnerus*,  
8959 therefore, refer to either *Chilocorus fraternus* LeConte, 1860 or *Chilocorus orbis* Casey,  
8960 1899, two species which can only be reliably distinguished by examination of male  
8961 genitalia (Gordon 1985).

8962

8963 Coccidulini

8964

8965 Notes. Nine genera and 51 species of Coccidulini have been recorded from California  
8966 (Gordon 1985; M Gimmel, unpublished data).

8967

8968 *Nephus* Mulsant, 1846

8969 Nomenclatural Authority: Gordon (1985)

8970 Digitized Records (genus-only): Anacapa (1 LACM), Santa Barbara (1 LACM), Santa  
8971 Catalina (1 LACM)

8972 Notes. Six species of *Nephus* in three subgenera (*Scymnobius* Casey, 1899; *Sidis*  
8973 Mulsant, 1850; *Turboscymnus* Gordon, 1976) have been reported from California (Gordon  
8974 1985).

8975

8976 *Nephus (Scymnobius) guttulatus* (LeConte, 1852)

8977 Nomenclatural Authority: Gordon (1985)

8978 Literature Records: Santa Catalina (Fall 1897: 237; Fall 1901: 86)

8979 Digitized Records: Anacapa (4 SBMNH), Santa Barbara (1 SBMNH), Santa Cruz (3  
8980 SBMNH)

8981 Range: Also known from mainland (Fall 1901; Gordon 1985).

8982 Notes. Fall (1897, 1901) recorded this species as *Scymnus guttulatus*.

8983

8984 *Nephus (Scymnobius) sordidus* (Horn, 1895)

8985 Nomenclatural Authority: Gordon (1985)

- 8986 Literature Records: none
- 8987 Digitized Records: Anacapa (1 SBMNH), San Nicolas (9 SBMNH), Santa Catalina (2
- 8988 SBMNH), Santa Rosa (1 SBMNH)
- 8989 Range: Also known from mainland (Gordon 1985).
- 8990
- 8991 *Nephus (Sidis) binaevatus* (Mulsant, 1850)
- 8992 Nomenclatural Authority: Gordon (1985)
- 8993 Literature Records: Santa Catalina (Cockerell 1940: 286; Gordon 1985: 293 [map])
- 8994 Digitized Records: Santa Catalina (1 iNat)
- 8995 Range: Also known from mainland (Gordon 1985).
- 8996 Notes. This species was recorded as *Scymnus binaevatus* by Cockerell (1940). It was
- 8997 introduced to California from South Africa in 1921 for mealybug control (Gordon 1985).
- 8998
- 8999 *Rhyzobius* Stephens, 1829
- 9000 Nomenclatural Authority: Gordon (1985)
- 9001 Notes. Two introduced species of *Rhyzobius* are recorded from California (Gordon 1985).
- 9002
- 9003 *Rhyzobius forestieri* (Mulsant, 1853)
- 9004 Nomenclatural Authority: Gordon (1985)
- 9005 Literature Records: Santa Cruz (Naughton et al. 2014: 303)
- 9006 Digitized Records: Santa Cruz (1 SBMNH)
- 9007 Range: Also known from mainland (Gordon 1985).
- 9008 Notes. This species was introduced to North America (Gordon 1985).
- 9009
- 9010 *Rhyzobius lophanthae* (Blaisdell, 1892)
- 9011 Nomenclatural Authority: Gordon (1985)
- 9012 Literature Records: San Clemente (Fall 1897: 237; Cockerell 1940: 286)
- 9013 Digitized Records: San Nicolas (1 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (1
- 9014 SBMNH)
- 9015 Range: Also known from mainland (Gordon 1985).
- 9016 Notes. Fall (1897) reported this species as “*Rhyzobius lophanthae*”, and Cockerell (1940)
- 9017 reported it as “*Lindorus lophantae*”. This species was introduced to North America
- 9018 (Gordon 1985).
- 9019
- 9020 *Scymnus* Kugelann, 1794
- 9021 Nomenclatural Authority: Gordon (1985)
- 9022 Digitized Records (genus-only): Santa Barbara (1 SBMNH)
- 9023 Notes. Thirty-six species of *Scymnus* have been reported from California, all but four
- 9024 belonging to the subgenus *Pullus* Mulsant, 1846 and the remainder to *Scymnus (Scymnus)*
- 9025 (Gordon 1985). These were keyed out by Gordon (1976) and Gordon (1985). The above Santa

- 9026 Barbara Island record is based on a single female specimen of *Pullus* that keys out to couplet 29  
9027 of Gordon's (1985) key to *Pullus* of "Region IV", which relies on male genitalia to separate the  
9028 species.  
9029
- 9030 *Scymnus (Pullus) ardelio* Horn, 1895  
9031 Nomenclatural Authority: Gordon (1985)  
9032 Literature Records: San Clemente (Fall 1897: 237), Santa Catalina (Fall 1897: 237)  
9033 Digitized Records: none  
9034 Range: Also known from mainland (Gordon 1985).  
9035
- 9036 *Scymnus (Pullus) cervicalis* Mulsant, 1850  
9037 Nomenclatural Authority: Gordon (1985)  
9038 Literature Records: Santa Catalina (Fall 1897: 237; Fall 1901: 86)  
9039 Digitized Records: Santa Cruz (3 SBMNH), Santa Rosa (3 SBMNH)  
9040 Range: Also known from mainland (Fall 1901; Gordon 1985).  
9041
- 9042 *Scymnus (Pullus) coniferarum* Crotch, 1874  
9043 Nomenclatural Authority: Gordon (1985)  
9044 Literature Records: none  
9045 Digitized Records: Santa Cruz (1 SBMNH)  
9046 Range: Also known from mainland (Gordon 1985).  
9047
- 9048 *Scymnus (Pullus) falli* Gordon, 1976  
9049 Nomenclatural Authority: Gordon (1985)  
9050 Literature Records: Santa Barbara (Gordon 1985: 199; Miller 1985a: 20; Miller & Miller  
9051 1985: 127), Santa Cruz (Gordon 1976: 140; 1985: 199 [map]; Miller 1985a: 20; Miller &  
9052 Miller 1985: 127; Naughton et al. 2014: 303), Santa Rosa (Miller 1985a: 20; Miller &  
9053 Miller 1985: 127)  
9054 Digitized Records: San Miguel (1 SBMNH), Santa Cruz (8 SBMNH), Santa Rosa (3  
9055 SBMNH)  
9056 Range: Endemic (Gordon 1976; Gordon 1985; Miller 1985a; Miller & Miller 1985;  
9057 Naughton et al. 2014).  
9058
- 9059 *Scymnus (Pullus) jacobianus* Casey, 1899  
9060 Nomenclatural Authority: Gordon (1985)  
9061 Literature Records: none  
9062 Digitized Records: San Clemente (2 SBMNH), San Miguel (2 SBMNH), Santa Barbara  
9063 (6 SBMNH)  
9064 Range: Also known from mainland (Gordon 1985).  
9065

- 9066 *Scymnus (Pullus) loewii* Mulsant, 1850  
9067 Nomenclatural Authority: Gordon (1985)  
9068 Literature Records: Santa Cruz (Fall & Davis 1934: 143; Gordon 1976: 124)  
9069 Digitized Records: San Clemente (2 SBMNH), Santa Cruz (1 SBMNH)  
9070 Range: Also known from mainland (Gordon 1976, 1985).  
9071 Notes. Fall & Davis (1934) recorded this species as *Scymnus cinctus* LeConte, 1852,  
9072 which is now a junior synonym of *S. loewii* (see Gordon 1985).  
9073
- 9074 *Scymnus (Pullus) marginicollis* Mannerheim, 1843  
9075 Nomenclatural Authority: Gordon (1985)  
9076 Literature Records: Santa Catalina (Horn 1895: 105; Fall 1897: 237), Santa Cruz (Gordon  
9077 1976: 128)  
9078 Digitized Records: Anacapa (1 SBMNH), San Nicolas (5 SBMNH), Santa Catalina (4  
9079 SBMNH), Santa Cruz (10 LACM; 1 SBMNH), Santa Rosa (2 LACM; 1 SBMNH)  
9080 Range: Also known from mainland (Gordon 1976, 1985).  
9081
- 9082 *Scymnus (Pullus) pallens* LeConte, 1852  
9083 Nomenclatural Authority: Gordon (1985)  
9084 Literature Records: Santa Catalina (Cockerell 1940: 286), Santa Cruz (Gordon 1976: 86;  
9085 Naughton et al. 2014: 303)  
9086 Digitized Records: Santa Cruz (4 SBMNH), Santa Rosa (2 SBMNH)  
9087 Range: Also known from mainland (Gordon 1976, 1985).  
9088
- 9089 *Scymnus (Scymnus) difficilis* Casey, 1899  
9090 Nomenclatural Authority: Gordon (1985)  
9091 Literature Records: none  
9092 Digitized Records: San Miguel (10 SBMNH), Santa Rosa (1 SBMNH)  
9093 Range: Also known from mainland (Gordon 1985).  
9094
- 9095 *Scymnus (Scymnus) fenderi* Malkin, 1943  
9096 Nomenclatural Authority: Gordon (1985)  
9097 Literature Records: none  
9098 Digitized Records: Santa Rosa (3 SBMNH)  
9099 Range: Also known from mainland (Gordon 1985).  
9100
- 9101 *Scymnus (Scymnus) nebulosus* LeConte, 1852  
9102 Nomenclatural Authority: Gordon (1985)  
9103 Literature Records: San Miguel (Miller & Davis 1986: 550), Santa Catalina (Fall 1897:  
9104 237; Fall 1901: 86; Cockerell 1940: 286)  
9105 Digitized Records: Santa Catalina (1 OSUC; 5 SBMNH; 1 iNat), Santa Cruz (28 LACM;

- 9106 10 SBMNH), Santa Rosa (2 SBMNH)  
 9107 Range: Also known from mainland (Fall 1901; Gordon 1985).  
 9108  
 9109 *Stethorus* Weise, 1885  
 9110 Nomenclatural Authority: Gordon (1985)  
 9111 Notes. One species of *Stethorus* has been reported from California (Gordon 1985).  
 9112  
 9113 *Stethorus punctum* (LeConte, 1852)  
 9114 Nomenclatural Authority: Gordon (1985)  
 9115 Literature Records: none  
 9116 Digitized Records: Santa Catalina (3 SBMNH), Santa Cruz (1 SBMNH)  
 9117 Range: Also known from mainland (Gordon 1985).  
 9118 Notes. The subspecies of *S. punctum* occurring in California is *S. p. picipes* Casey, 1899  
 9119 (Gordon 1985).  
 9120  
 9121 *Zagloba* Casey, 1899  
 9122 Nomenclatural Authority: Gordon (1985)  
 9123 Notes. One species of *Zagloba* has been reported from California (Gordon 1985).  
 9124  
 9125 *Zagloba ornata* (Horn, 1895)  
 9126 Nomenclatural Authority: Gordon (1985)  
 9127 Literature Records: Santa Catalina (Horn 1895: 112; Fall 1897: 237; Fall 1901: 87)  
 9128 Digitized Records: San Miguel (2 SBMNH), Santa Cruz (1 SBMNH)  
 9129 Range: Also known from mainland (Fall 1901; Gordon 1985).  
 9130 Notes. Horn (1895) and Fall (1897, 1901) recorded this species as *Cephaloscymnus*  
 9131 *ornatus*.  
 9132  
 9133 Coccinellini  
 9134  
 9135 Notes. Sixteen genera and 41 species of Coccinellini have been recorded from California  
 9136 (Gordon 1985; M Gimmel, unpublished data).  
 9137  
 9138 *Coccinella* Linnaeus, 1758  
 9139 Nomenclatural Authority: Gordon (1985)  
 9140 Digitized Records (genus-only): San Clemente (4 LACM), San Miguel (12 LACM), San  
 9141 Nicolas (29 LACM), Santa Catalina (1 LACM), Santa Cruz (2 LACM)  
 9142 Notes. Eleven species of *Coccinella* have been recorded from California (Gordon 1985;  
 9143 Gordon & Vandenberg 1991). This genus was revised for North America by Brown (1962), but  
 9144 an updated key was provided by Gordon (1985). Fall (1901: 84) reported the taxon "*Coccinella*  
 9145 *transversoguttata* var. *transversalis*" from "the islands". Dobzhansky (1931: 16), however, noted

9146 that “This form [*C. transversoguttata*] is apparently lacking in southern California”. We did not  
9147 attempt to include this record below.

9148

9149 *Coccinella californica* Mannerheim, 1843

9150 Nomenclatural Authority: Gordon (1985)

9151 Literature Records: Anacapa (Miller & Miller 1985: 126), San Clemente (Fall 1897: 237;

9152 Dobzhansky 1931: 13; Miller & Miller 1985: 126), San Nicolas (Fall 1897: 237;

9153 Dobzhansky 1931: 13; Miller & Miller 1985: 126), Santa Barbara (Miller & Miller 1985:

9154 126), Santa Catalina (Fall 1897: 237; Miller & Miller 1985: 126), Santa Cruz

9155 (Dobzhansky 1931: 13; Miller & Miller 1985: 126), Santa Rosa (Fall 1897: 237;

9156 Dobzhansky 1931: 13; Miller & Miller 1985: 126)

9157 Digitized Records: Anacapa (3 LACM; 7 SBMNH), San Clemente (2 LACM; 1

9158 SBMNH; 25 iNat), San Miguel (2 LACM; 1 SBMNH), San Nicolas (11 LACM; 2

9159 SBMNH; 9 iNat), Santa Barbara (18 LACM; 1 SBMNH), Santa Catalina (8 LACM; 8

9160 iNat), Santa Cruz (2 LACM; 7 SBMNH; 3 UCSB; 4 iNat), Santa Rosa (3 LACM; 14

9161 SBMNH; 5 iNat)

9162 Range: Also known from mainland (Gordon 1985).

9163

9164 *Coccinella johnsoni* Casey, 1908

9165 Nomenclatural Authority: Gordon (1985)

9166 Literature Records: San Clemente (Dobzhansky 1931: 14; Brown 1962: 794; Miller &

9167 Miller 1985: 127), San Nicolas (Dobzhansky 1931: 14; Brown 1962: 794; Miller &

9168 Miller 1985: 127), Santa Barbara (Miller & Miller 1985: 127)

9169 Digitized Records: San Clemente (8 SBMNH), San Nicolas (10 SBMNH), Santa Barbara

9170 (3 LACM)

9171 Range: Also known from mainland (Dobzhansky 1931; Brown 1962; Gordon 1985).

9172

9173 *Coccinella novemnotata* Herbst, 1793

9174 Nomenclatural Authority: Gordon (1985)

9175 Literature Records: none

9176 Digitized Records: San Miguel (1 SBMNH)

9177 Range: Also known from mainland (Gordon 1985).

9178

9179 *Coccinella septempunctata* (Linnaeus, 1758)

9180 Nomenclatural Authority: Gordon (1985)

9181 Literature Records: none

9182 Digitized Records: Anacapa (1 iNat), San Clemente (2 SBMNH; 13 iNat), San Miguel (2

9183 SBMNH), San Nicolas (1 SBMNH; 3 iNat), Santa Barbara (1 iNat), Santa Catalina (4

9184 SBMNH; 3 iNat), Santa Cruz (4 SBMNH; 7 iNat), Santa Rosa (4 iNat)

9185 Range: Also known from mainland (Gordon 1985).

9186 Notes. This species was introduced to North America for control of aphids (Gordon  
9187 1985).

9188

9189 *Cycloneda* Crotch, 1871

9190 Nomenclatural Authority: Gordon (1985)

9191 Digitized Records (genus-only): Santa Cruz (1 iNat)

9192 Notes. Two species of *Cycloneda* have been recorded from California (Gordon 1985).

9193

9194 *Cycloneda polita* Casey, 1899

9195 Nomenclatural Authority: Gordon (1985)

9196 Literature Records: Santa Catalina (Fall 1897: 237), Santa Cruz (Naughton et al. 2014:  
9197 303)

9198 Digitized Records: Santa Cruz (3 LACM; 5 SBMNH; 5 UCSB), Santa Rosa (1 LACM)

9199 Range: Also known from mainland (Gordon 1985).

9200 Notes. Fall (1897) recorded this species as “*Cycloneda oculata* Fabricius”.

9201

9202 *Cycloneda sanguinea* (Linnaeus, 1763)

9203 Nomenclatural Authority: Gordon (1985)

9204 Literature Records: Santa Catalina (Seavey 1892: 263; Fall 1897: 237)

9205 Digitized Records: Anacapa (1 SBMNH), Santa Catalina (1 LACM; 5 SBMNH; 2 iNat),  
9206 Santa Cruz (12 SBMNH; 2 UCSB; 6 iNat)

9207 Range: Also known from mainland (Gordon 1985).

9208 Notes. Seavey (1892) recorded this species as *Coccinella sanguinea*. The subspecies  
9209 occurring in California is the nominate subspecies, *C. s. sanguinea* (Linnaeus, 1763).

9210

9211 *Hippodamia* Dejean, 1837

9212 Nomenclatural Authority: Gordon (1985)

9213 Notes. Ten species of *Hippodamia* have been reported from California (Gordon 1985).

9214

9215 *Hippodamia convergens* Guérin-Méneville, 1842

9216 Nomenclatural Authority: Gordon (1985)

9217 Literature Records: Anacapa (Miller & Miller 1985: 127), San Miguel (Miller & Miller  
9218 1985: 127), Santa Barbara (Miller & Miller 1985: 127), Santa Catalina (Seavey 1892:  
9219 263; Fall 1897: 237; Cockerell 1940: 286), Santa Cruz (Miller & Miller 1985: 127), Santa  
9220 Rosa (Miller & Miller 1985: 127)

9221 Digitized Records: Anacapa (8 SBMNH), San Clemente (1 SBMNH; 6 iNat), San Miguel  
9222 (1 SBMNH), San Nicolas (1 LACM; 1 SBMNH; 1 iNat), Santa Barbara (1 SBMNH),  
9223 Santa Catalina (1 SBMNH; 3 iNat), Santa Cruz (27 LACM; 15 SBMNH; 3 UCSB; 2  
9224 iNat), Santa Rosa (1 LACM; 5 SBMNH)

9225 Range: Also known from mainland (Chapin 1946; Gordon 1985).

9226 Notes. The map in Chapin (1946: plate 21) shows the presence of this species on at least  
 9227 two islands, which were not mentioned. Cockerell (1940) reported this species as  
 9228 “*Hippodamia obsoleta* LeConte” (= *Hippodamia convergens* var. *obsoleta* Crotch, 1873),  
 9229 a current synonym of *H. convergens* (see Gordon 1985).

9230

9231 *Hippodamia quinquesignata* (Kirby, 1837)

9232 Nomenclatural Authority: Gordon (1985)

9233 Literature Records: San Clemente (Fall 1897: 237), San Nicolas (Cockerell 1940: 286),  
 9234 Santa Catalina (Seavey 1892: 263; Fall 1897: 237), Santa Cruz (Fall & Davis 1934: 143),  
 9235 Santa Rosa (Fall 1897: 237)

9236 Digitized Records: Anacapa (5 SBMNH), San Clemente (10 SBMNH; 1 iNat), San  
 9237 Miguel (55 LACM; 16 SBMNH), San Nicolas (12 LACM; 7 SBMNH), Santa Catalina (3  
 9238 LACM; 4 SBMNH), Santa Cruz (12 LACM; 15 SBMNH; 18 iNat), Santa Rosa (29  
 9239 LACM; 37 SBMNH; 1 iNat)

9240 Range: Also known from mainland (Gordon 1985).

9241 Notes. Seavey (1892), Fall (1897), and Fall & Davis (1934) recorded this species as  
 9242 *Hippodamia ambigua* LeConte, 1852. Cockerell (1940) recorded it as “*H. quinquesignata*  
 9243 Kirby, variety”. Chapin (1946: 16) recorded this taxon as “Abundant in western  
 9244 California and the Channel Islands” as the subspecies *H. q. punctulata* LeConte, 1852,  
 9245 now considered a synonym of *H. q. ambigua* LeConte, 1852, the only subspecies  
 9246 occurring in coastal California (see Gordon 1985). Chapin’s (1946: plate 20) map shows  
 9247 its presence on multiple islands. Fall (1897: 239) noted the Santa Rosa specimens might  
 9248 well be *Hippodamia convergens*. Based on the virtual absence of elytral dark maculation  
 9249 (except for scutellar spot), all *Hippodamia quinquesignata* (Kirby, 1837) represented on  
 9250 the Channel Islands belong to *H. q. ambigua*. Members of this subspecies with the white  
 9251 convergent lines present on the pronotum can be difficult to distinguish from immaculate  
 9252 members of *H. convergens* without examination of male genitalia (Gordon 1985: 727).

9253

9254 *Olla* Casey, 1899

9255 Nomenclatural Authority: Gordon (1985)

9256 Notes. One species of *Olla* has been recorded from California (Gordon 1985).

9257

9258 *Olla v-nigrum* (Mulsant, 1866)

9259 Nomenclatural Authority: Gordon (1985)

9260 Literature Records: none

9261 Digitized Records: Anacapa (1 LACM), Santa Catalina (1 LACM)

9262 Range: Also known from mainland (Gordon 1985).

9263

9264 *Paranaemia* Casey, 1899

9265 Nomenclatural Authority: Gordon (1985)

- 9266 Notes. One species of *Paranaemia* has been recorded from California (Gordon 1985).  
9267
- 9268 *Paranaemia vittigera* (Mannerheim, 1843)  
9269 Nomenclatural Authority: Gordon (1985)  
9270 Literature Records: Santa Cruz (LeConte 1876: 298; Fall 1897: 237; Fall & Davis 1934:  
9271 143)  
9272 Digitized Records: none  
9273 Range: Also known from mainland (Gordon 1985).  
9274 Notes. This species was recorded as *Hippodamia vittigera* by LeConte (1876) and Fall  
9275 (1897), and as *Ceratomegilla vittigera* by Fall & Davis (1934).  
9276
- 9277 *Psyllobora* Dejean, 1836  
9278 Nomenclatural Authority: Gordon (1985)  
9279 Digitized Records (genus-only): Santa Cruz (10 EMEC; 17 LACM; 9 UCSB)  
9280 Notes. Three species of *Psyllobora* have been recorded from California (Gordon 1985).  
9281
- 9282 *Psyllobora renifer* Casey, 1899  
9283 Nomenclatural Authority: Gordon (1985)  
9284 Literature Records: none  
9285 Digitized Records: Santa Cruz (1 UCSB)  
9286 Range: Also known from mainland (Gordon 1985).  
9287
- 9288 *Psyllobora vigintimaculata* (Say, 1824)  
9289 Nomenclatural Authority: Gordon (1985)  
9290 Literature Records: Santa Catalina (Seavey 1892: 263; Fall 1897: 237), Santa Cruz (Fall  
9291 & Davis 1934: 143; Naughton et al. 2014: 303)  
9292 Digitized Records: San Miguel (6 SBMNH), San Nicolas (4 SBMNH), Santa Catalina  
9293 (12 SBMNH; 1 iNat), Santa Cruz (21 SBMNH), Santa Rosa (2 SBMNH)  
9294 Range: Also known from mainland (Gordon 1985).  
9295 Notes. This species was recorded as *Psyllobora taedata* LeConte, 1860 by Seavey (1892)  
9296 and Fall (1897), and as *Psyllobora 20-maculata* var. *taedata* by Fall & Davis (1934).  
9297 Seavey (1892) reported it from *Artemisia californica*.  
9298
- 9299 Diomini  
9300
- 9301 Notes. One genus and three species of Diomini have been recorded from California  
9302 (Gordon 1985).  
9303
- 9304 *Diomus* Mulsant, 1850  
9305 Nomenclatural Authority: Gordon (1985)

9306 Notes. Three species of *Diomus* have been recorded from California (Gordon 1985).

9307

9308 *Diomus debilis* (LeConte, 1852)

9309 Nomenclatural Authority: Gordon (1985)

9310 Literature Records: none

9311 Digitized Records: Anacapa (3 SBMNH), Santa Cruz (1 SBMNH)

9312 Range: Also known from mainland (Gordon 1985).

9313

9314 Hyperaspidini

9315

9316 Notes. Four genera and 47 species of Hyperaspidini have been recorded from California

9317 (Gordon 1985).

9318

9319 *Hyperaspidius* Crotch, 1873

9320 Nomenclatural Authority: Gordon (1985)

9321 Digitized Records (genus-only): San Miguel (1 SBMNH), San Nicolas (1 LACM; 1

9322 SBMNH)

9323 Notes. Eight species of *Hyperaspidius* have been recorded from California (Gordon

9324 1985).

9325

9326 *Hyperaspidius comparatus* Casey, 1899

9327 Nomenclatural Authority: Gordon (1985)

9328 Literature Records: San Miguel (Cockerell 1940: 286; Gordon 1985: 361)

9329 Digitized Records: none

9330 Range: Also known from mainland (Gordon 1985).

9331 Notes. Cockerell's (1940) San Miguel Island record was referred to *Hyperaspidius*

9332 *vittigerus* (LeConte, 1852), which was indicated as previously bearing the name

9333 *Hyperaspidius trimaculatus* (Linnaeus, 1767). However, *Hyperaspidius vittigerus* was

9334 not shown to occur west of the Rocky Mountains by Gordon (1985), so Cockerell's

9335 (1940) record probably refers to *H. comparatus*.

9336

9337 *Hyperaspis* Redtenbacher, 1844

9338 Nomenclatural Authority: Gordon (1985)

9339 Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303)

9340 Digitized Records (genus-only): San Clemente (1 SBMNH), Santa Rosa (4 SBMNH)

9341 Notes. Thirty-six species of *Hyperaspis* have been recorded from California (Gordon

9342 1985). The Naughton et al. (2014) record above is based on a record of "*Hyperaspis* sp." in

9343 addition to the three taxa listed below.

9344

9345 *Hyperaspis lateralis* Mulsant, 1850

- 9346 Nomenclatural Authority: Gordon (1985)  
 9347 Literature Records: Santa Catalina (Seavey 1892: 262; Fall 1897: 237), Santa Cruz  
 9348 (Naughton et al. 2014: 303)  
 9349 Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (1 SBMNH)  
 9350 Range: Also known from mainland (Gordon 1985).  
 9351 Notes. This species was reported from *Artemisia californica* by Seavey (1892).  
 9352  
 9353 *Hyperaspis* species near *annexa* LeConte, 1852  
 9354 Nomenclatural Authority: Gordon (1985)  
 9355 Literature Records: Santa Cruz (Naughton et al. 2014: 303)  
 9356 Digitized Records: Santa Cruz (3 SBMNH)  
 9357 Range: Unknown.  
 9358 Notes. Naughton et al. (2014) recorded this species as “*Hyperaspis* nr. *annexa*”. MLG  
 9359 observed two of these vouchers and one additional specimen from SBMNH, and they do  
 9360 appear quite similar to mainland *H. annexa*, but with much less yellow and more  
 9361 extensive black coloration. These specimens require more detailed study.  
 9362  
 9363 *Hyperaspis taeniata* LeConte, 1852  
 9364 Nomenclatural Authority: Gordon (1985)  
 9365 Literature Records: Santa Cruz (Naughton et al. 2014: 303)  
 9366 Digitized Records: Santa Cruz (3 LACM; 1 SBMNH)  
 9367 Range: Also known from mainland (Gordon 1985).  
 9368  
 9369 Microweiseinae  
 9370  
 9371 Notes. Three tribes, five genera, and 11 species of Microweiseinae are known to occur in  
 9372 California (M Gimmel, unpublished data). Escalona & Ślipiński (2011) provided a generic  
 9373 revision and reclassification of this subfamily.  
 9374  
 9375 Carinodulini  
 9376  
 9377 Notes. One genus and species of Carinodulini is known to occur in California (Escalona  
 9378 & Ślipiński 2011).  
 9379  
 9380 *Carinodulinka* Ślipiński & Tomaszewska, 2002  
 9381 Nomenclatural Authority: Escalona & Ślipiński (2011)  
 9382 Notes. No described species of *Carinodulinka* have yet been recorded from California  
 9383 (see below).  
 9384  
 9385 *Carinodulinka* undescribed species near *baja* Ślipiński & Tomaszewska, 2002

9386 Nomenclatural Authority: Escalona & Ślipiński (2011)  
9387 Literature Records: none  
9388 Digitized Records: San Clemente (1 SBMNH)  
9389 Range: Also known from mainland (Escalona & Ślipiński 2011).  
9390 Notes. According to Escalona & Ślipiński (2011: 13), California specimens of the genus  
9391 *Carinodulinka* Ślipiński & Tomaszewska, 2002 are an unnamed species.

9392

9393 *Microweiseini*

9394

9395 Notes. Three genera and eight species of *Microweiseini* are known to occur in California  
9396 (Gordon 1985; M Gimmel, unpublished data).

9397

9398 *Coccidophilus* Brèthes, 1905

9399 Nomenclatural Authority: Escalona & Ślipiński (2011)

9400 Notes. One species of *Coccidophilus* has been recorded from California (Gordon 1985).

9401

9402 *Coccidophilus atronitens* (Casey, 1899)

9403 Nomenclatural Authority: Gordon (1985)

9404 Literature Records: none

9405 Digitized Records: Santa Cruz (16 SBMNH), Santa Rosa (6 SBMNH)

9406 Range: Also known from mainland (Gordon 1985).

9407

9408 *Microweisea* Cockerell, 1903

9409 Nomenclatural Authority: Escalona & Ślipiński (2011)

9410 Notes. Certain species in this genus were until recently known as *Gnathoweisea* Gordon,  
9411 1970, a genus synonymized with *Microweisea* by Escalona & Ślipiński (2011).

9412

9413 *Microweisea* undetermined species

9414 Literature Records: none

9415 Digitized Records: Santa Catalina (1 iNat)

9416

9417 *Nipus* Casey, 1899

9418 Nomenclatural Authority: Escalona & Ślipiński (2011)

9419 Notes. Three species of the genus *Nipus* are known from California (M Gimmel,  
9420 unpublished data).

9421

9422 *Nipus niger* Casey, 1899

9423 Nomenclatural Authority: Gordon (1985)

9424 Literature Records: none

9425 Digitized Records: Santa Rosa (1 SBMNH)

9426 Range: Also known from mainland (Gordon 1985).

9427

9428 Serangiini

9429

9430 Notes. One genus and two species of Serangiini have been recorded from California  
9431 (Gordon 1985).

9432

9433 *Delphastus* Casey, 1899

9434 Nomenclatural Authority: Escalona & Ślipiński (2011)

9435 Notes. Two species of *Delphastus* have been recorded from California (Gordon 1985).

9436

9437 *Delphastus catalinae* (Horn, 1895)

9438 Nomenclatural Authority: Gordon (1985)

9439 Literature Records: San Clemente (Fall 1897: 237), Santa Catalina (Horn 1895: 83; Fall  
9440 1897: 237; Casey 1899: 112; Fall 1901: 85; Gordon 1970: 367; Gordon 1985: 64), Santa  
9441 Cruz (Naughton et al. 2014: 303)

9442 Digitized Records: Santa Catalina (1 LACM; 1 SBMNH), Santa Cruz (3 SBMNH)

9443 Range: Also known from mainland (Gordon 1985).

9444 Notes. Horn (1895) and Fall (1897, 1901) recorded this species as *Cryptognatha*  
9445 *catalinae*. The species was originally (Horn 1895; Casey 1899) considered endemic to  
9446 Santa Catalina Island. Fall (1897: 239) doubted its taxonomic validity.

9447

9448 **Corylophidae**

9449

9450 Notes. This family contains five tribes, six genera, and 14 species known from California  
9451 (M Gimmel, unpublished data), all of which belong to the subfamily Corylophinae. The  
9452 classification used here follows Robertson et al. (2013). This family is very poorly understood in  
9453 North America, and modern keys to species do not exist for most genera.

9454

9455 Aenigmaticini

9456

9457 Notes. One genus and species of Aenigmaticini occurs in California (Pakaluk 1985).

9458

9459 *Aenigmaticum* Matthews, 1888

9460 Nomenclatural Authority: Robertson et al. (2013)

9461 Notes. One species of *Aenigmaticum* occurs in California (Pakaluk 1985). This genus was  
9462 reviewed by Pakaluk (1985).

9463

9464 *Aenigmaticum californicum* Casey, 1889

9465 Nomenclatural Authority: Pakaluk (1985)

9466 Literature Records: Anacapa (Miller & Miller 1985: 126), Santa Barbara (Miller & Miller  
9467 1985: 126)

9468 Digitized Records: Anacapa (7 SBMNH), San Miguel (3 SBMNH), San Nicolas (8  
9469 SBMNH), Santa Barbara (2 SBMNH)

9470 Range: Also known from mainland (Pakaluk 1985).

9471 Notes. Reported from *Erophyllum*, *Hemizonia* (both Asteraceae) and *Frankenia*  
9472 (*Frankeniaceae*) on Santa Barbara Island by Miller & Miller (1985).

9473

9474 Orthoperini

9475

9476 Notes. One genus and four species of Orthoperini have been recorded from California (M  
9477 Gimmel, unpublished data).

9478

9479 *Orthoperus* Stephens, 1829

9480 Nomenclatural Authority: Bowstead & Leschen (2002); Robertson et al. (2013)

9481 Notes. Four species of *Orthoperus* have been recorded from California (M Gimmel,  
9482 unpublished data).

9483

9484 *Orthoperus* undetermined species

9485 Literature Records: none

9486 Digitized Records: Santa Cruz (9 SBMNH)

9487

9488 Sericoderini

9489

9490 Notes. One genus and three species of Sericoderini have been recorded from California  
9491 (M Gimmel, unpublished data).

9492

9493 *Sericoderus* Stephens, 1829

9494 Nomenclatural Authority: Bowstead & Leschen (2002); Robertson et al. (2013)

9495 Notes. Three species of *Sericoderus* have been recorded from California (M Gimmel,  
9496 unpublished data).

9497

9498 *Sericoderus* undetermined species

9499 Literature Records: none

9500 Digitized Records: San Nicolas (3 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (1  
9501 SBMNH)

9502

9503 **Endomychidae**

9504

9505 Notes. Six subfamilies, eight genera, and 13 species of Endomychidae have been  
9506 recorded from California (Shockley, Tomaszewska & McHugh 2009).

9507

9508

Lycoperdininae

9509

9510 Notes. Two genera and four species of Lycoperdininae have been recorded from  
9511 California (Shockley, Tomaszewska & McHugh 2009).

9512

9513

*Aphorista* Gorham, 1873

9514

Nomenclatural Authority: Shockley, Tomaszewska & McHugh (2009)

9515

9516 Notes. Two species of *Aphorista* have been recorded from California (Shockley,  
9517 Tomaszewska & McHugh 2009).

9517

9518 *Aphorista morosa* (LeConte, 1859)

9519

Nomenclatural Authority: Shockley, Tomaszewska & McHugh (2009)

9520

Literature Records: Santa Rosa (Fall 1897: 237)

9521

Digitized Records: Santa Catalina (2 LACM), Santa Cruz (2 SBMNH; 1 UCSB), Santa

9522

Rosa (4 SBMNH)

9523

Range: Also known from mainland (Shockley, Tomaszewska & McHugh 2009).

9524

9525

**Latridiidae**

9526

9527 Notes. Two subfamilies, 13 genera, and 61 species of Latridiidae are known to occur in  
9528 California (M Gimmel, unpublished data).

9529

9530

Corticariinae

9531

9532 Notes. Five genera and 31 species of Corticariinae are known to occur in California (M  
9533 Gimmel, unpublished data).

9534

9535

*Corticaria* Marsham, 1802

9536

Nomenclatural Authority: Rucker (2021)

9537

9538 Notes. Ten species of *Corticaria* have been reported from California (M Gimmel,  
9539 unpublished data).

9539

9540 *Corticaria* undetermined species

9541

Literature Records: Santa Catalina (Fall 1897: 237)

9542

Digitized Records: Santa Rosa (2 SBMNH)

9543

Notes. Fall's (1897) above record refers to the genus only.

9544

- 9545 *Corticarina* Reitter, 1881
- 9546 Nomenclatural Authority: Rucker (2021)
- 9547 Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303)
- 9548 Digitized Records (genus-only): Anacapa (5 SBMNH), San Clemente (5 SBMNH), San
- 9549 Miguel (25 SBMNH), San Nicolas (7 SBMNH), Santa Barbara (15 SBMNH), Santa Catalina (1
- 9550 SBMNH), Santa Cruz (51 SBMNH), Santa Rosa (14 SBMNH)
- 9551 Notes. The record from Naughton et al. (2014) refers to the genus only, and probably
- 9552 represents one of the four species below. Nine species of *Corticarina* have been recorded from
- 9553 California (M Gimmel, unpublished data).
- 9554
- 9555 *Corticarina cavicollis* (Mannerheim, 1844)
- 9556 Nomenclatural Authority: Rucker (2021)
- 9557 Literature Records: none
- 9558 Digitized Records: Santa Cruz (1 SBMNH)
- 9559 Range: Also known from mainland (Rucker 2021).
- 9560
- 9561 *Corticarina herbivagans* (LeConte, 1855)
- 9562 Nomenclatural Authority: Rucker (2021)
- 9563 Literature Records: San Miguel (Miller & Miller 1985: 127), Santa Barbara (Miller &
- 9564 Miller 1985: 127)
- 9565 Digitized Records: Santa Barbara (1 SBMNH)
- 9566 Range: Also known from mainland (Rucker 2021).
- 9567
- 9568 *Corticarina milleri* Andrews, 1992
- 9569 Nomenclatural Authority: Andrews (1992); Rucker (2021)
- 9570 Literature Records: San Miguel (Andrews 1992: 278), San Nicolas (Andrews 1992: 278),
- 9571 Santa Barbara (Andrews 1992: 277), Santa Rosa (Andrews 1992: 278)
- 9572 Digitized Records: Anacapa (1 SBMNH), Santa Cruz (1 SBMNH)
- 9573 Range: Endemic (Andrews 1992).
- 9574
- 9575 *Corticarina minuta* (Fabricius, 1792)
- 9576 Nomenclatural Authority: Rucker (2021)
- 9577 Literature Records: none
- 9578 Digitized Records: Anacapa (1 SBMNH), Santa Cruz (4 SBMNH)
- 9579 Range: Also known from mainland (Rucker 2021).
- 9580
- 9581 *Fuchsina* Fall, 1899
- 9582 Nomenclatural Authority: Rucker (2021)

- 9583 Notes. Two described species of *Fuchsina* have been reported from California (Andrews  
9584 1976c). These were revised by Andrews (1976c), but an apparently undescribed species occurs  
9585 on the Channel Islands.  
9586
- 9587 *Fuchsina* undescribed species  
9588 Literature Records: Santa Cruz (Naughton et al. 2014: 303)  
9589 Digitized Records: San Clemente (15 SBMNH), Santa Catalina (47 SBMNH), Santa  
9590 Cruz (29 SBMNH), Santa Rosa (16 SBMNH)  
9591 Range: Endemic (MLG, personal observation).  
9592 Notes. The record from Naughton et al. (2014) refers to the genus only. The SBMNH  
9593 specimens from the Channel Islands are morphologically different from either of the two  
9594 described species of *Fuchsina* as circumscribed by Andrews (1976c). The Channel Island  
9595 specimens are similar to *Fuchsina occulta* Fall, 1899 in the lack of eye facets and antenna  
9596 with 10 antennomeres, but have a shorter, broader pronotum and shorter elytra (MLG,  
9597 personal observation).  
9598
- 9599 *Melanophthalma* Motschulsky, 1866  
9600 Nomenclatural Authority: Rucker (2021)  
9601 Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303)  
9602 Digitized Records (genus-only): Anacapa (1 SBMNH), San Clemente (2 SBMNH), San  
9603 Nicolas (2 SBMNH), Santa Catalina (9 SBMNH), Santa Cruz (5 SBMNH), Santa Rosa (1  
9604 SBMNH)  
9605 Notes. Naughton et al. (2014) mistakenly reported this genus as “*Melanophthalmus*”.  
9606 Eight species of *Melanophthalma* have been reported from California in two subgenera,  
9607 *Cortilena* Motschulsky, 1867 and *Melanophthalma* (*s.str.*) (M Gimmel, unpublished data).  
9608
- 9609 *Melanophthalma* (*Cortilena*) *casta* Fall, 1899  
9610 Nomenclatural Authority: Rucker (2021)  
9611 Literature Records: San Nicolas (Miller & Miller 1985: 127), Santa Barbara (Miller &  
9612 Miller 1985: 127)  
9613 Digitized Records: Santa Barbara (1 SBMNH)  
9614 Range: Also known from mainland (Fall 1899).  
9615 Notes. Recorded by Miller & Miller (1985) as *Cortilena casta*.  
9616
- 9617 *Melanophthalma* (*Melanophthalma*) *americana* (Mannerheim, 1844)  
9618 Nomenclatural Authority: Rucker (2021)  
9619 Literature Records: San Clemente (Fall 1897: 237), San Miguel (Cockerell 1940: 286),  
9620 Santa Catalina (Fall 1897: 237)  
9621 Digitized Records: Santa Cruz (3 SBMNH)  
9622 Range: Also known from mainland (Rucker 2021).

9623 Notes. Reported by Fall (1897) as *Corticaria distinguenda* Comolli, 1837, but specimens  
 9624 in North American identified as this species are presently known as *M. americana*.

9625

9626 *Melanophthalma (Melanophthalma) insularis* Fall, 1899

9627 Nomenclatural Authority: Rucker (2021)

9628 Literature Records: San Clemente (Fall 1899: 174; Fall 1901: 102; Miller 1985a: 20)

9629 Digitized Records: none

9630 Range: Endemic (Fall 1899, 1901; Miller 1985a).

9631 Notes. The status of this purportedly endemic taxon has not been reviewed since Fall's  
 9632 (1899) original description.

9633

9634 Latridiinae

9635

9636 Notes. Eight genera and 30 species of Latridiinae are known to occur in California (M  
 9637 Gimmel, unpublished data).

9638

9639 *Cartodere* Thomson, 1859

9640 Nomenclatural Authority: Rucker (2021)

9641 Notes. Four species of *Cartodere* in two subgenera, *Aridius* Motschulsky, 1866 and  
 9642 *Cartodere (s.str.)*, occur in California (M Gimmel, unpublished data).

9643

9644 *Cartodere (Aridius) australica* (Belon, 1887)

9645 Nomenclatural Authority: Rucker (2021)

9646 Literature Records: none

9647 Digitized Records: Santa Cruz (25 SBMNH)

9648 Range: Also known from mainland (Rucker 2021).

9649 Notes. This species is presumably adventive in California.

9650

9651 *Dienerella* Reitter, 1911

9652 Nomenclatural Authority: Rucker (2021)

9653 Notes. Three species of *Dienerella* are known to occur in California (M Gimmel,  
 9654 unpublished data).

9655

9656 *Dienerella* undetermined species

9657 Literature Records: Santa Catalina (Caterino & Chandler 2010: 191)

9658 Digitized Records: Santa Catalina (1 SBMNH)

9659 Notes. More morphospecies exist in the SBMNH collection than there are named species  
 9660 known to occur in California (MLG, personal observation). Consequently, we have not  
 9661 attempted to identify the single Channel Islands specimen known to us.

9662

- 9663 *Enicmus* Thomson, 1859  
9664 Nomenclatural Authority: Rucker (2021)  
9665 Notes. Six species of *Enicmus* have been recorded from California (M Gimmel,  
9666 unpublished data).  
9667  
9668 *Enicmus aterrimus* Motschulsky, 1866  
9669 Nomenclatural Authority: Rucker (2021)  
9670 Literature Records: none  
9671 Digitized Records: Santa Cruz (1 SBMNH), Santa Rosa (1 SBMNH)  
9672 Range: Also known from mainland (Rucker 2021).  
9673  
9674 *Metopthalmus* Motschulsky, 1850  
9675 Nomenclatural Authority: Rucker (2021)  
9676 Literature Records (genus-only): Santa Catalina (Caterino & Chandler 2010: 191), Santa  
9677 Cruz (Naughton et al. 2014: 303)  
9678 Notes. This genus was revised by Andrews (1976b). Six species of this genus have been  
9679 reported from California (Andrews 1976b) belonging to two subgenera, *Metatypus* Belon, 1897  
9680 and *Metopthalmus* (*s.str.*), three of which are reported from the Channel Islands below.  
9681 Caterino & Chandler (2010: 191) were first to mention the presence of this genus on Santa  
9682 Catalina. Five of the 12 specimens of *Metopthalmus* reported from Santa Cruz by Naughton et  
9683 al. (2014) were not determined to species; vouchers for these are not located in SBMNH (MLG,  
9684 personal observation). Almost certainly the latter represent one or more of the three species  
9685 recorded below, though two additional species, *Metopthalmus kanei* Andrews, 1976 and  
9686 *Metopthalmus septemstriatus* Hatch, 1962, may occur on the Channel Islands.  
9687  
9688 *Metopthalmus* (*Metatypus*) *haigi* Andrews, 1976  
9689 Nomenclatural Authority: Rucker (2021)  
9690 Literature Records: Santa Cruz (Naughton et al. 2014: 303)  
9691 Digitized Records: San Clemente (3 SBMNH), Santa Catalina (3 SBMNH), Santa Cruz  
9692 (7 SBMNH)  
9693 Range: Also known from mainland (Andrews 1976b; Rucker 2021).  
9694  
9695 *Metopthalmus* (*Metatypus*) *rudis* Fall, 1899  
9696 Nomenclatural Authority: Rucker (2021)  
9697 Literature Records: Santa Cruz (Andrews 1976b: 53; Naughton et al. 2014: 303)  
9698 Digitized Records: San Clemente (26 SBMNH), Santa Catalina (42 SBMNH), Santa  
9699 Cruz (14 SBMNH), Santa Rosa (24 SBMNH)  
9700 Range: Also known from mainland (Andrews 1976b; Rucker 2021).  
9701  
9702 *Metopthalmus* (*Metatypus*) *trux* Fall, 1899

- 9703 Nomenclatural Authority: Rucker (2021)  
9704 Literature Records: Santa Cruz (Naughton et al. 2014: 303)  
9705 Digitized Records: San Clemente (5 SBMNH), Santa Catalina (3 SBMNH), Santa Cruz  
9706 (12 SBMNH), Santa Rosa (2 SBMNH)  
9707 Range: Also known from mainland (Andrews 1976b; Rucker 2021).  
9708  
9709 *Revelieria* Perris, 1869  
9710 Nomenclatural Authority: Rucker (2021)  
9711 Notes. One species of *Revelieria* has been reported from California (Rucker 2021).  
9712  
9713 *Revelieria californica* Fall, 1899  
9714 Nomenclatural Authority: Rucker (2021)  
9715 Literature Records: none  
9716 Digitized Records: Santa Cruz (8 SBMNH), Santa Rosa (3 SBMNH)  
9717 Range: Also known from mainland (Fall 1899).  
9718  
9719 *Stephostethus* LeConte, 1878  
9720 Nomenclatural Authority: Rucker (2021)  
9721 Notes. Four species of *Stephostethus* have been reported from California (M Gimmel,  
9722 unpublished data).  
9723  
9724 *Stephostethus armatulus* (Fall, 1899)  
9725 Nomenclatural Authority: Rucker (2021)  
9726 Literature Records: Santa Catalina (Fall 1899: 118)  
9727 Digitized Records: none  
9728 Range: Also known from mainland (Fall 1899; Rucker 2021).  
9729 Notes. Fall (1899) recorded this species as *Lathridius armatulus*.  
9730  
9731 *Stephostethus costicollis* (LeConte, 1855)  
9732 Nomenclatural Authority: Rucker (2021)  
9733 Literature Records: Santa Catalina (Fall 1897: 237; Cockerell 1940: 286)  
9734 Digitized Records: San Clemente (1 SBMNH), Santa Catalina (1 SBMNH)  
9735 Range: Also known from mainland (Rucker 2021).  
9736 Notes. This species was recorded as *Coninomus fulvipennis* Mannerheim by Fall (1897),  
9737 and corrected to *Lathridius costicollis* by Cockerell (1940). It has since been placed in the  
9738 genus *Stephostethus*.  
9739  
9740 *Stephostethus liratus* (LeConte, 1863)  
9741 Nomenclatural Authority: Rucker (2021)  
9742 Literature Records: none

9743 Digitized Records: Santa Rosa (2 SBMNH)  
9744 Range: Also known from mainland (Rücker 2021).

9745  
9746 **EROTYLOIDEA**

9747  
9748 **Erotylidae**

9749  
9750 Notes. Three subfamilies, six genera, and 11 species of Erotylidae have been recorded  
9751 from California (M Gimmel, unpublished data).

9752  
9753 Cryptophilinae

9754  
9755 Notes. One genus and species of Cryptophilinae has been recorded from California (M  
9756 Gimmel, unpublished data).

9757  
9758 *Cryptophilus* Reitter, 1874

9759 Nomenclatural Authority: Gimmel, Leschen & Esser (2019)

9760 Notes. One species of the genus *Cryptophilus* has been recorded from California (M  
9761 Gimmel, unpublished data).

9762  
9763 *Cryptophilus angustus* (Rosenhauer, 1856)

9764 Nomenclatural Authority: Esser (2017)

9765 Literature Records: none

9766 Digitized Records: Santa Cruz (3 SBMNH)

9767 Range: Also known from mainland (Esser 2017).

9768 Notes. This species was long known as *Cryptophilus integer* (Heer, 1841), but the type of  
9769 that species was discovered to belong to Cryptophagidae. *Cryptophilus angustus* is the  
9770 proper name for this species, which was introduced from the Palearctic realm (Esser  
9771 2017; Gimmel, Leschen & Esser 2019).

9772  
9773 Erotylinae

9774  
9775 Notes. Four genera and eight species of Erotylinae have been recorded from California  
9776 (Boyle 1956; M Gimmel, unpublished data).

9777  
9778 *Dacne* Latreille, 1796

9779 Nomenclatural Authority: Boyle (1956)

9780 Notes. Four species of *Dacne* have been recorded from California (Boyle 1956).

9781  
9782 *Dacne californica* (Horn, 1870)

9783 Nomenclatural Authority: Boyle (1956)  
 9784 Literature Records: Santa Catalina (Cockerell 1940: 286; Boyle 1956: 142), Santa Cruz  
 9785 (Naughton et al. 2014: 303)  
 9786 Digitized Records: San Clemente (3 SBMNH), Santa Catalina (5 SBMNH), Santa Cruz  
 9787 (6 SBMNH), Santa Rosa (13 SBMNH)  
 9788 Range: Also known from mainland (Boyle 1956).  
 9789 Notes. The island vouchers of this species housed in SBMNH are certainly *Dacne (s.str.)*,  
 9790 which has just one described species in California (*D. californica*). However, they are  
 9791 morphologically different from mainland exemplars of that species, being narrower and  
 9792 more setose, and the prosternal lines are differently shaped. These may prove to be a  
 9793 distinct, undescribed species.

## 9794 NITIDULOIDEA

### 9795 Kateretidae

9796  
 9797  
 9798  
 9799 Notes. Four genera and six species of Kateretidae have been recorded from California (M  
 9800 Gimmel, unpublished data).

9801  
 9802 *Amartus* LeConte, 1861

9803 Nomenclatural Authority: Cline & Audisio (2010)  
 9804 Notes. Two species of *Amartus* have been reported from California (Savage & Seeno  
 9805 1981). Savage & Seeno (1981) reviewed the genus *Amartus* for North America.

9806  
 9807 *Amartus tinctus* (Mannerheim, 1843)

9808 Nomenclatural Authority: Savage & Seeno (1981)  
 9809 Literature Records: San Clemente (Savage & Seeno 1981: 80), San Miguel (Cockerell  
 9810 1940: 286), Santa Rosa (Savage & Seeno 1981: 80)  
 9811 Digitized Records: San Clemente (6 LACM), Santa Rosa (9 SBMNH)  
 9812 Range: Also known from mainland (Savage & Seeno 1981).

9813  
 9814 *Heterhelus* Jacquelin du Val, 1858

9815 Nomenclatural Authority: Cline & Audisio (2010)  
 9816 Notes. One species of *Heterhelus* has been reported from California (Parsons 1943).

9817  
 9818 *Heterhelus sericans* (LeConte, 1869)

9819 Nomenclatural Authority: Habeck (2002)  
 9820 Literature Records: Santa Catalina (Fall 1897: 237)  
 9821 Digitized Records: none  
 9822 Range: Also known from mainland (Fall 1901; Habeck 2002).

9823 Notes. Fall (1897, 1901) recorded this species as *Cercus sericans*, and Fall (1901: 98)  
9824 listed it as occurring “throughout Southern California and the adjacent islands”.

9825

9826

### Monotomidae

9827

9828 Notes. Two subfamilies, eight genera, and 19 species of Monotomidae are known to  
9829 occur in California (M Gimmel, unpublished data).

9830

9831

### Monotominae

9832

9833 Notes. Seven genera and 14 species of Monotominae are known to occur in California (M  
9834 Gimmel, unpublished data).

9835

9836

### *Hesperobaenus* LeConte, 1861

9837 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9838 Notes. The genus *Hesperobaenus* contains two species occurring in California (Bousquet  
9839 2002b). The genus was revised for North America by Bousquet (2002b).

9840

9841 *Hesperobaenus abbreviatus* (Motschulsky, 1845)

9842 Nomenclatural Authority: Bousquet (2002b)

9843 Literature Records: Santa Cruz (Bousquet 2002b: 210)

9844 Digitized Records: Anacapa (1 SBMNH), Santa Cruz (9 SBMNH), Santa Rosa (4  
9845 SBMNH)

9846 Range: Also known from mainland (Bousquet 2002b).

9847

9848

### *Macreurops* Casey, 1916

9849 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9850 Notes. One species of *Macreurops* is known from California (Bousquet 2002a).

9851

9852 *Macreurops longicollis* (Horn, 1879)

9853 Nomenclatural Authority: Bousquet (2002a)

9854 Literature Records: none

9855 Digitized Records: Santa Cruz (15 SBMNH)

9856 Range: Also known from mainland (Bousquet 2002a).

9857

9858

### *Phyconomus* LeConte, 1861

9859 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9860 Notes. One species of *Phyconomus* is known from California (Bousquet 2002a).

9861

9862 *Phyconomus marinus* (LeConte, 1858)

9863 Nomenclatural Authority: Bousquet (2002a)  
9864 Literature Records: none  
9865 Digitized Records: San Miguel (10 SBMNH), Santa Cruz (1 SBMNH)  
9866 Range: Also known from mainland (Bousquet 2002a).

9867

### Nitidulidae

9868

9869  
9870 Notes. Eight subfamilies, 22 genera, and 63 species of Nitidulidae are known to occur in  
9871 California (M Gimmel, unpublished data).

9872

### Carpophilinae

9873

9874  
9875 Notes. Four genera and 17 species of Carphilinae are known to occur in California (M  
9876 Gimmel, unpublished data).

9877

### *Carpophilus* Stephens, 1829

9878  
9879 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9880 Digitized Records (genus-only): Santa Cruz (1 LACM; 3 SBMNH), Santa Rosa (4  
9881 LACM; 5 SBMNH)

9882 Notes. Eleven species of *Carpophilus* (sensu Powell et al. 2020) are known from  
9883 California (M Gimmel, unpublished data).

9884

9885 *Carpophilus (Ecnomorphus) discoideus* LeConte, 1858

9886 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9887 Literature Records: none

9888 Digitized Records: Santa Cruz (2 SBMNH)

9889 Range: Also known from mainland (Parsons 1943).

9890

9891 *Carpophilus (Ecnomorphus) ligneus* Murray, 1864

9892 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9893 Literature Records: none

9894 Digitized Records: Anacapa (1 SBMNH), San Miguel (1 SBMNH), San Nicolas (1  
9895 SBMNH)

9896 Range: Also known from mainland (McElrath, Gimmel & Powell 2021).

9897

### *Nitops* Murray, 1864

9898  
9899 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9900 Notes. This genus contains a single species in California (M Gimmel, unpublished data).

9901

9902 *Nitops pallipennis* (Say, 1823)

9903 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)  
9904 Literature Records: San Clemente (Fall 1897: 237), Santa Catalina (Seavey 1892: 262;  
9905 Fall 1897: 237; Grant & Connell 1979: 100; Grant & Grant 1979: 323), Santa Cruz  
9906 (LeConte 1876: 299; Fall 1897: 237; Fall & Davis 1934: 143)  
9907 Digitized Records: San Clemente (18 SBMNH), San Miguel (3 SBMNH), San Nicolas (3  
9908 SBMNH), Santa Barbara (9 SBMNH), Santa Catalina (1 LACM; 3 SBMNH), Santa Cruz  
9909 (66 LACM; 3 SBMNH), Santa Rosa (29 LACM; 7 SBMNH)  
9910 Range: Also known from mainland (Parsons 1943; Grant & Connell 1979; Grant & Grant  
9911 1979).  
9912 Notes. Recorded from flowers of *Opuntia littoralis* var. *littoralis* (Engelm.) Cockerell on  
9913 Santa Catalina (Grant & Connell 1979; Grant & Grant 1979). This species was recorded  
9914 by all authors cited above prior to Powell et al. (2020) as *Carpophilus pallipennis*.

#### 9915 Cryptarchinae

9916  
9917  
9918 Notes. Two genera and seven species of Cryptarchinae have been recorded from  
9919 California (Parsons 1943; McCoshum et al. 2012).

#### 9920 *Cryptarcha* Shuckard, 1839

9921 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9922 Notes. Three species of *Cryptarcha* have been recorded from California (Parsons 1943).

#### 9923 *Cryptarcha gila* Parsons, 1938

9924 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9925 Literature Records: Santa Cruz (Naughton et al. 2014: 304)

9926 Digitized Records: Santa Catalina (2 SBMNH), Santa Rosa (2 SBMNH)

9927 Range: Also known from mainland (Parsons 1943).

#### 9928 *Glischrochilus* Reitter, 1873

9929 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9930 Notes. Four species of *Glischrochilus* are known from California (M Gimmel,  
9931 unpublished data).

#### 9932 *Glischrochilus quadrisignatus* (Say, 1835)

9933 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9934 Literature Records: Santa Catalina (McCoshum et al. 2012: 348)

9935 Digitized Records: Santa Catalina (1 SBMNH)

9936 Range: Also known from mainland (McCoshum et al. 2012).

9937 Notes. This species is adventive in California (McCoshum et al. 2012).

9943 *Glischrochilus sanguinolentus* (Olivier, 1790)

9944 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9945 Literature Records: Santa Catalina (McCoshum et al. 2012: 348)

9946 Digitized Records: Santa Catalina (1 SBMNH)

9947 Range: Also known from mainland (McCoshum et al. 2012).

9948 Notes. This species is adventive in California (McCoshum et al. 2012).

9949

9950 Meligethinae

9951

9952 Notes. Two genera and two species of Meligethinae have been recorded from California

9953 (Parsons 1943; Easton 1955). Easton (1955) revised the species in this subfamily for North

9954 America. Generic concepts and some species concepts, however, have changed since then

9955 (Audisio et al. 2009).

9956

9957 *Brassicogethes* Audisio & Cline, 2009

9958 Nomenclatural Authority: Audisio et al. (2009)

9959 Notes. This genus contains one species in California (Parsons 1943; Audisio et al. 2009).

9960

9961 *Brassicogethes aeneus* (Fabricius, 1775)

9962 Nomenclatural Authority: Audisio et al. (2009)

9963 Literature Records: none

9964 Digitized Records: Santa Catalina (1 SBMNH)

9965 Range: Also known from mainland (Parsons 1943; Easton 1955).

9966 Notes. This species is Holarctic in distribution (Audisio et al. 2009).

9967

9968 Nitidulinae

9969

9970 Notes. Eight genera and 19 species of Nitidulinae are known to occur in California (M

9971 Gimmel, unpublished data).

9972

9973 *Nitidula* Fabricius, 1775

9974 Nomenclatural Authority: Parsons (1943); McElrath, Gimmel & Powell (2021)

9975 Notes. This genus contains three species in California (Parsons 1943). Parsons (1943)

9976 provided a key to species in North America.

9977

9978 *Nitidula flavomaculata* Rossi, 1790

9979 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9980 Literature Records: none

9981 Digitized Records: Santa Catalina (1 SBMNH)

9982 Range: Also known from mainland (Parsons 1943).

9983 Notes. This species was introduced into North America from the Mediterranean region  
 9984 (Parsons 1943).

9985

9986 *Thalycra* Erichson, 1843

9987 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

9988 Notes. This genus contains eight species in California (Howden 1961; M Gimmel,  
 9989 unpublished data). Howden (1961) provided a key to New World species.

9990

9991 *Thalycra* undetermined species

9992 Literature Records: none

9993 Digitized Records: Santa Rosa (8 SBMNH)

9994

## 9995 CUCUJOIDEA

9996

## 9997 Cryptophagidae

9998

9999 Notes. Two subfamilies, 11 genera, and 60 species of Cryptophagidae are known to occur  
 10000 in California (M Gimmel, unpublished data). Pelletier & Hébert (2019) provided a revision and  
 10001 identification guide to the species of Cryptophagidae in the northern US and Canada, which is  
 10002 helpful for making identifications in the southern US as well.

10003

10004

## 10004 Atomariinae

10005

10006 Notes. Two genera and 28 species of Atomariinae, all belonging to Atomariini, are  
 10007 known to occur in California (M Gimmel, unpublished data).

10008

10009

10009 *Atomaria* Stephens, 1829

10010 Nomenclatural Authority: Pelletier & Hébert (2019)

10011 Literature Records (genus-only): Santa Rosa (Fall 1897: 237)

10012 Notes. Fall (1897) did not specify subgenus when he cited the record of “*Atomaria* sp.”.  
 10013 Pelletier & Hébert (2019) provided a key to most North American species of the genus. Twenty-  
 10014 seven species of *Atomaria* have been reported from California, 11 from the subgenus *Anchicera*  
 10015 Thomson, 1863 and 16 from the subgenus *Atomaria* (*s.str.*) (M Gimmel, unpublished data).

10016

10017 *Atomaria* (*Anchicera*) *lewisi* Reitter, 1877

10018 Nomenclatural Authority: Pelletier & Hébert (2019)

10019 Literature Records: none

10020 Digitized Records: Santa Cruz (6 SBMNH)

10021 Range: Also known from mainland (Pelletier & Hébert 2019).

10022 Notes. This species is adventive from Europe (Pelletier & Hébert 2019).

10023

10024 *Atomaria (Anchicera) nubipennis* Casey, 1900

10025 Nomenclatural Authority: Pelletier &amp; Hébert (2019)

10026 Literature Records: none

10027 Digitized Records: San Clemente (20 SBMNH)

10028 Range: Also known from mainland (Pelletier &amp; Hébert 2019).

10029

10030 *Atomaria (Atomaria) puella* (Casey, 1900)

10031 Nomenclatural Authority: Pelletier &amp; Hébert (2019)

10032 Literature Records: none

10033 Digitized Records: Santa Cruz (1 SBMNH)

10034 Range: Also known from mainland (Pelletier &amp; Hébert 2019).

10035

10036 Cryptophaginae: Cryptophagini

10037

10038 Notes. Two tribes, nine genera, and 32 species of Cryptophaginae, of which seven genera  
 10039 and 29 species belong to Cryptophagini, are known to occur in California (M Gimmel,  
 10040 unpublished data).

10041

10042 *Cryptophagus* Herbst, 1792

10043 Nomenclatural Authority: Pelletier &amp; Hébert (2019)

10044 Notes. Woodroffe & Coombs (1961) revised the genus *Cryptophagus* for North America.  
 10045 Pelletier & Hébert (2019) provided an updated key to and illustrations of most North American  
 10046 species. In California, 22 species have been reported (M Gimmel, unpublished data).

10047

10048 *Cryptophagus tuberculosus* Mäklin, 1853

10049 Nomenclatural Authority: Woodroffe &amp; Coombs (1961); Pelletier &amp; Hébert (2019)

10050 Literature Records: San Clemente (Fall 1897: 237; Cockerell 1940: 286), Santa Catalina  
 10051 (Fall 1897: 237; Cockerell 1940: 286)

10052 Digitized Records: San Clemente (5 SBMNH), Santa Cruz (5 SBMNH)

10053 Range: Also known from mainland (Woodroffe &amp; Coombs 1961).

10054 Notes. Fall (1897) recorded this species as "*Cryptophagus* sp.", which Cockerell (1940)  
 10055 indicated as *Cryptophagus debilis* LeConte, 1858 based on communication from H.C.

10056 Fall. *Cryptophagus debilis* was synonymized with *C. tuberculosus* by Woodroffe &  
 10057 Coombs (1961).

10058

10059 **Laemophloeidae, NEW FAMILY RECORD**

10060

10061 Notes. Eight genera and 16 species of Laemophloeidae are known to occur in California  
 10062 (M Gimmel, unpublished data).

10063

10064

*Narthecius* LeConte, 1861

10065 Nomenclatural Authority: McElrath, Gimmel &amp; Powell (2021)

10066 Notes. Two species of *Narthecius* are known to occur in California (M Gimmel,  
10067 unpublished data).

10068

10069 *Narthecius striaticeps* Fall, 1907

10070 Nomenclatural Authority: McElrath, Gimmel &amp; Powell (2021)

10071 Literature Records: none

10072 Digitized Records: Santa Cruz (1 SBMNH)

10073 Range: Also known from mainland (Fall &amp; Cockerell 1907).

10074

10075

**Phalacridae**

10076

10077 Notes. Five genera and 21 species of Phalacridae are known to occur in California (M  
10078 Gimmel, unpublished data).

10079

10080

*Phalacrus* Paykull, 1800

10081 Nomenclatural Authority: Gimmel (2013)

10082 Notes. This genus needs revision; the species in North America are not currently  
10083 identifiable (Gimmel 2013).

10084

10085 *Phalacrus* undetermined species 1

10086 Literature Records: none

10087 Digitized Records: San Nicolas (6 SBMNH)

10088 Notes. This species has microsculpture on the elytra, the left mandible with a ventral  
10089 tooth, and a prominent metaventral process that exceeds the mesocoxae; this possibly  
10090 represents *Phalacrus conjunctus* Casey, 1890 (MLG, personal observation).

10091

10092 *Phalacrus* undetermined species 2

10093 Literature Records: Santa Cruz (Naughton et al. 2014: 304)

10094 Digitized Records: Santa Cruz (3 SBMNH)

10095 Notes. This species has no microsculpture on the elytra, the left mandible with a ventral  
10096 tooth, and a short metaventral process not exceeding the mesocoxae; this possibly  
10097 represents *Phalacrus ovalis* LeConte, 1856 (MLG, personal observation). Santa Cruz  
10098 Island vouchers from the Naughton et al. (2014) study citing "*Phalacrus* sp." were  
10099 examined by MLG and belong to this morphospecies.

10100

10101

**Silvanidae, NEW FAMILY RECORD**

10102

10103 Notes. Two subfamilies, nine genera, and 14 species of Silvanidae are known to occur in  
10104 California (M Gimmel, unpublished data).

10105

10106 *Silvanoprus* Reitter, 1911

10107 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

10108 Notes. One introduced species of *Silvanoprus* is now known from California; the record  
10109 below represents a **new state record** for the genus.

10110

10111 *Silvanoprus angusticollis* (Reitter, 1876)

10112 Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

10113 Literature Records: none

10114 Digitized Records: Santa Cruz (6 SBMNH)

10115 Range: Also known from mainland (McElrath, Gimmel & Powell 2021).

10116 Notes. This represents a **new state record** for California. This species is adventive in  
10117 North America.

10118

10119 **CHRYSOMELOIDEA**

10120

10121 **Cerambycidae**

10122

10123 Notes. Seven subfamilies, 143 genera, and 317 species of Cerambycidae are known to  
10124 occur in California (M Gimmel, unpublished data). Bezark & Monné (2013) provided a  
10125 nomenclatural checklist of all New World Cerambycidae. Linsley (1962, 1963, 1964), Linsley &  
10126 Chemsak (1984, 1995), and Chemsak (1996, 2005) monographed the North American fauna. The  
10127 subfamily Parandrinae occurs on the nearby mainland but is not known from the Channel  
10128 Islands.

10129

10130 Cerambycinae

10131

10132 Notes. Twenty-three tribes, 72 genera, and 161 species of Cerambycinae are known to  
10133 occur in California (M Gimmel, unpublished data).

10134

10135 **Callidiini**

10136

10137 Notes. Six genera and 35 species of Callidiini are known to occur in California (M  
10138 Gimmel, unpublished data).

10139

10140 *Callidiellum* Linsley, 1940

10141 Nomenclatural Authority: Bezark & Monné (2013)

10142 Notes. Two species of *Callidiellum* are known to occur in California, plus one species (*C.*  
10143 *rufipenne* below) recorded only as an interception (M Gimmel, unpublished data).

10144

10145 *Callidiellum rufipenne* (Motschulsky, 1860)

10146 Nomenclatural Authority: Linsley (1964); Miller & Miller (1985)

10147 Literature Records: Santa Barbara (Miller & Miller 1985: 130)

10148 Digitized Records: none

10149 Range: Also known from mainland (Linsley 1964).

10150 Notes. Introduced to North America from eastern Asia; the Santa Barbara Island record is  
10151 probably an interception and does not represent a breeding population (see Miller &  
10152 Miller 1985).

10153

10154 *Phymatodes* Mulsant, 1839

10155 Nomenclatural Authority: Bezark & Monné (2013)

10156 Notes. Fifteen species of *Phymatodes* are known to occur in California (M Gimmel,  
10157 unpublished data). Swift & Ray (2010) presented a revised key to the North American species.

10158

10159 *Phymatodes decussatus* (LeConte, 1857)

10160 Nomenclatural Authority: Bezark & Monné (2013)

10161 Literature Records: Santa Rosa (Fall 1897: 238)

10162 Digitized Records: Santa Cruz (2 SBMNH), Santa Rosa (3 SBMNH)

10163 Range: Also known from mainland (Linsley 1964).

10164 Notes. According to Linsley (1964: 50), the subspecies occurring in coastal California is  
10165 *P. d. decussatus*. Fall (1897) reported this species as *Phymatodes juglandis* Leng, 1890,  
10166 and listed the record with a question mark; this record was included in the species'  
10167 synonymy in Linsley (1964: 52). However, *P. juglandis* was recently made a junior  
10168 synonym of *P. decussatus* by Swift & Ray (2010: 42).

10169

10170 *Phymatodes grandis* Casey, 1912

10171 Nomenclatural Authority: Bezark & Monné (2013)

10172 Literature Records: none

10173 Digitized Records: Santa Catalina (20 LACM; 8 SBMNH; 2 iNat), Santa Cruz (4 LACM;  
10174 7 SBMNH)

10175 Range: Also known from mainland (Linsley 1964).

10176 Notes. The species *Phymatodes obscurus* (LeConte, 1859) was given the unnecessary  
10177 replacement name of *Phymatodes lecontei* Linsley, 1938, but the proper name for this  
10178 species is *P. grandis* (see Swift & Ray 2010).

10179

10180 Clytini

10181

- 10182 Notes. Eight genera and 30 species of Clytini have been recorded from California  
10183 (Linsley 1964; M Gimmel, unpublished data).
- 10184  
10185 *Xylotrechus* Chevrolat, 1860  
10186 Nomenclatural Authority: Bezark & Monné (2013)  
10187 Notes. Eight species of *Xylotrechus* have been recorded from California (M Gimmel,  
10188 unpublished data).
- 10189  
10190 *Xylotrechus insignis* LeConte, 1873  
10191 Nomenclatural Authority: Bezark & Monné (2013)  
10192 Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 147; Cockerell 1940: 286)  
10193 Digitized Records: Santa Catalina (1 CASC; 4 LACM)  
10194 Range: Also known from mainland (Fall 1901; Linsley 1964).  
10195 Notes. Fall (1897, 1901) recorded this species as *Xylotrechus obliteratus* LeConte, 1873,  
10196 which was amended to *X. insignis* by communication of E.G. Linsley to Cockerell  
10197 (1940). Fall (1897) reported that it occurred on willows.
- 10198  
10199 *Xylotrechus nauticus* (Mannerheim, 1843)  
10200 Nomenclatural Authority: Bezark & Monné (2013)  
10201 Literature Records: Santa Cruz (Linsley 1964: 109 [map])  
10202 Digitized Records: Santa Catalina (2 CASC), Santa Cruz (7 CASC; 5 SBMNH)  
10203 Range: Also known from mainland (Linsley 1964).
- 10204  
10205 Eburini  
10206  
10207 Notes. Two genera and three species of Eburini have been recorded from California  
10208 (Linsley 1962, 1963).
- 10209  
10210 *Enaphalodes* Haldeman, 1847  
10211 Nomenclatural Authority: Bezark & Monné (2013)  
10212 Notes. Two species of *Enaphalodes* have been recorded from California (Linsley 1963).
- 10213  
10214 *Enaphalodes hispicornis* (Linnaeus, 1767)  
10215 Nomenclatural Authority: Bezark & Monné (2013)  
10216 Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 144; Garnett 1918: 177;  
10217 Linsley 1963: 66 [map])  
10218 Digitized Records: Santa Catalina (6 LACM)  
10219 Range: Also known from mainland (Fall 1901; Garnett 1918; Linsley 1963).

10220 Notes. This species was reported by Fall (1897, 1901) and Garnett (1918) as *Romaleum*  
10221 *simplicicolle* (Haldeman, 1847), which is now recognized as a synonym of the variable  
10222 species *E. hispicornis* (see Linsley 1963: 64).

10223

10224 Hesperophanini

10225

10226 Notes. Six genera and eight species of Hesperophanini have been recorded from  
10227 California (Linsley 1962).

10228

10229 *Brothylus* LeConte, 1859

10230 Nomenclatural Authority: Bezark & Monné (2013)

10231 Notes. Two species of *Brothylus* have been recorded from California (Linsley 1962).

10232

10233 *Brothylus gemmulatus* LeConte, 1859

10234 Nomenclatural Authority: Bezark & Monné (2013)

10235 Literature Records: none

10236 Digitized Records: Santa Catalina (22 LACM; 1 iNat)

10237 Range: Also known from mainland (Linsley 1962).

10238

10239 Holopleurini

10240

10241 Notes. One species of Holopleurini has been recorded from California (Linsley 1962).

10242

10243 *Holopleura* LeConte, 1873

10244 Nomenclatural Authority: Bezark & Monné (2013)

10245 Notes. One species of *Holopleura* has been recorded from California (Linsley 1962).

10246

10247 *Holopleura marginata* LeConte, 1873

10248 Nomenclatural Authority: Bezark & Monné (2013)

10249 Literature Records: none

10250 Digitized Records: Santa Catalina (3 LACM)

10251 Range: Also known from mainland (Linsley 1962).

10252

10253 Hyboderini

10254

10255 Notes. Four genera and six species of Hyboderini have been recorded from California  
10256 (Linsley 1963).

10257

10258 *Callimus* Mulsant, 1864

10259 Nomenclatural Authority: Bezark & Monné (2013)

- 10260 Notes. Two species of *Callimus* have been recorded from California (Linsley 1963, as  
10261 *Lampropterus* Mulsant, 1863).  
10262  
10263 *Callimus ruficollis* (LeConte, 1873)  
10264 Nomenclatural Authority: Bezark & Monné (2013)  
10265 Literature Records: none  
10266 Digitized Records: Santa Catalina (3 LACM), Santa Cruz (29 LACM; 1 SBMNH)  
10267 Range: Also known from mainland (Linsley 1963).  
10268 Notes. Linsley (1963) reported this species as *Lampropterus ruficollis*.  
10269  
10270 *Megobrium* LeConte, 1873  
10271 Nomenclatural Authority: Bezark & Monné (2013)  
10272 Notes. One species of *Megobrium* has been recorded from California (Linsley 1963).  
10273  
10274 *Megobrium edwardsi* LeConte, 1873  
10275 Nomenclatural Authority: Bezark & Monné (2013)  
10276 Literature Records: Santa Rosa (LeConte 1873: 193; Fall 1897: 238; Fall 1901: 145;  
10277 Garnett 1918: 206; Linsley 1963: 150)  
10278 Digitized Records: Santa Catalina (2 SBMNH; 4 LACM)  
10279 Range: Also known from mainland (Fall 1901; Garnett 1918; Linsley 1963).  
10280 Notes. Often misspelled *M. edwardsii*, this species was considered endemic at the time of  
10281 its description (LeConte 1873).  
10282  
10283 Methiini  
10284  
10285 Notes. Two genera and eight species of Methiini are known to occur in California  
10286 (Linsley 1962; M Gimmel, unpublished data).  
10287  
10288 *Styloxus* LeConte, 1873  
10289 Nomenclatural Authority: Bezark & Monné (2013)  
10290 Notes. Two species of *Styloxus* have been recorded from California (Linsley 1962).  
10291  
10292 *Styloxus fulleri* (Horn, 1880)  
10293 Nomenclatural Authority: Bezark & Monné (2013)  
10294 Literature Records: none  
10295 Digitized Records: Santa Cruz (1 iNat)  
10296 Range: Also known from mainland (Linsley 1962).  
10297 Notes. According to Linsley (1962: 40), the subspecies occurring in California is *S. f.*  
10298 *californicus* (Fall, 1901).  
10299

10300 Oemini

10301

10302 Notes. Six genera and six species of Oemini are known to occur in California (Linsley  
10303 1962; M Gimmel, unpublished data).

10304

10305 *Paranoplium* Casey, 1924

10306 Nomenclatural Authority: Bezark & Monné (2013)

10307 Notes. One species of *Paranoplium* has been recorded from California (Linsley 1962).

10308

10309 *Paranoplium gracile* (LeConte, 1881)

10310 Nomenclatural Authority: Bezark & Monné (2013)

10311 Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 144; Garnett 1918: 176)

10312 Digitized Records: Santa Catalina (1 LACM)

10313 Range: Also known from mainland (Fall 1901; Garnett 1918; Linsley 1962).

10314 Notes. This species was reported by Fall (1897, 1901) and Garnett (1918) as *Oeme*  
10315 *gracilis*. According to Linsley (1962: 20), the coastal California subspecies is *P. g.*  
10316 *gracile*.

10317

10318 Psebiini

10319

10320 Notes. One species of Psebiini has been recorded from California (Linsley 1963).

10321

10322 *Nathrius* Brèthes, 1916

10323 Nomenclatural Authority: Bezark & Monné (2013)

10324 Notes. One species of *Nathrius* is known to occur in California (Linsley 1963).

10325

10326 *Nathrius brevipennis* (Mulsant, 1839)

10327 Nomenclatural Authority: Bezark & Monné (2013)

10328 Literature Records: none

10329 Digitized Records: Santa Cruz (2 SBMNH)

10330 Range: Also known from mainland (Linsley 1963).

10331 Notes. This species was introduced to North America from southern Europe (Linsley  
10332 1963: 155; Bezark & Monné 2013).

10333

10334 Phoracanthini

10335

10336 Notes. One genus and two species of Phoracanthini are known to occur in California  
10337 (Bezark & Monné 2013).

10338

10339 *Phoracantha* Newman, 1840

- 10340 Nomenclatural Authority: Bezark & Monné (2013)  
10341 Notes. Two species of *Phoracantha* are now known to occur in California (Bezark &  
10342 Monné 2013).  
10343  
10344 *Phoracantha recurva* Newman, 1840  
10345 Nomenclatural Authority: Bezark & Monné (2013)  
10346 Literature Records: none  
10347 Digitized Records: Santa Catalina (1 SBMNH; 1 iNat), Santa Cruz (2 SBMNH)  
10348 Range: Also known from mainland (Bezark & Monné 2013).  
10349 Notes. This species was introduced to North America from Australia (Bezark & Monné  
10350 2013).  
10351  
10352 *Phoracantha semipunctata* (Fabricius, 1775)  
10353 Nomenclatural Authority: Bezark & Monné (2013)  
10354 Literature Records: none  
10355 Digitized Records: Santa Catalina (2 LACM), Santa Cruz (3 SBMNH)  
10356 Range: Also known from mainland (Bezark & Monné 2013).  
10357 Notes. This species was introduced to North America from Australia (Bezark & Monné  
10358 2013).  
10359  
10360 Lamiinae  
10361  
10362 Notes. Nine tribes, 20 genera, and 31 species of Lamiinae have been recorded from  
10363 California (Linsley & Chemsak 1984, 1995).  
10364  
10365 Acanthocinini  
10366  
10367 Notes. Seven genera and eight species of Acanthocinini have been recorded from  
10368 California (Linsley & Chemsak 1995).  
10369  
10370 *Sternidocinus* Dillon, 1956  
10371 Nomenclatural Authority: Bezark & Monné (2013)  
10372 Notes. One species of *Sternidocinus* occurs in California (Linsley & Chemsak 1995).  
10373  
10374 *Sternidocinus barbarus* (Van Dyke, 1920)  
10375 Nomenclatural Authority: Bezark & Monné (2013)  
10376 Literature Records: Santa Cruz (Dillon 1956: 167; Linsley & Chemsak 1995: 57)  
10377 Digitized Records: Santa Cruz (11 LACM; 5 SBMNH)  
10378 Range: Also known from mainland (Dillon 1956; Linsley & Chemsak 1995).  
10379

10380 Parmenini

10381

10382 Notes. Two genera and two species of Parmenini have been recorded from California  
10383 (Linsley & Chemsak 1984).

10384

10385 *Ipochus* LeConte, 1852

10386 Nomenclatural Authority: Bezark & Monné (2013)

10387 Notes. One species of *Ipochus* occurs in California (Linsley & Chemsak 1984).

10388

10389 *Ipochus fasciatus* LeConte, 1852

10390 Nomenclatural Authority: Bezark & Monné (2013)

10391 Literature Records: Anacapa (Linsley & Chemsak 1984: 11 [map]; Miller & Miller 1985:

10392 130), San Clemente (Linsley & Chemsak 1984: 11 [map]), San Miguel (Cockerell 1940:

10393 287; Linsley & Chemsak 1984: 11 [map]; Miller & Miller 1985: 130), Santa Barbara

10394 (Miller & Miller 1985: 130), Santa Catalina (Fall 1897: 238; Casey 1913b: 281;

10395 Cockerell 1940: 287; Miller & Miller 1985: 130), Santa Cruz (Linsley & Chemsak 1984:

10396 11 [map]; Miller & Miller 1985: 130; Naughton et al. 2014: 303), Santa Rosa (Linsley &

10397 Chemsak 1984: 11 [map]; Miller & Miller 1985: 130)

10398 Digitized Records: Anacapa (3 CASC; 11 LACM; 2 SBMNH), San Miguel (5 LACM; 11

10399 SBMNH), San Nicolas (1 SBMNH), Santa Barbara (1 LACM), Santa Catalina (3 CASC;

10400 12 LACM; 6 SBMNH; 1 SDNHM; 1 USNM; 2 iNat), Santa Cruz (1 CASC; 1 LACM; 7

10401 SBMNH; 1 iNat), Santa Rosa (1 CASC; 6 LACM; 1 SBMNH)

10402 Range: Also known from mainland (Linsley & Chemsak 1984).

10403 Notes. Fall (1897) reported this species occurring “rather plentifully... under bark and on

10404 the branches of dead *Rhus laurina* (or *R. integrifolia*.” Casey (1913b) reported the

10405 presumed endemic Santa Catalina Island population as *Ipochus catalinae* Casey, 1913.

10406 This species was synonymized with *I. fasciatus* by Linsley & Chemsak (1984: 12), a

10407 finding already suggested by Cockerell (1940: 287).

10408

10409 Phytoeciini

10410

10411 Notes. Two genera and two species of Phytoeciini have been recorded from California

10412 (Linsley & Chemsak 1995).

10413

10414 *Oberea* Mulsant, 1839

10415 Nomenclatural Authority: Bezark & Monné (2013)

10416 Notes. One species of *Oberea* has been recorded from California (Linsley & Chemsak

10417 1995).

10418

10419 *Oberea quadricalloso* LeConte, 1874

10420 Nomenclatural Authority: Bezark & Monné (2013)  
10421 Literature Records: none  
10422 Digitized Records: Santa Cruz (2 SBMNH)  
10423 Range: Also known from mainland (Linsley & Chemsak 1995).

10424

10425 Pogonocherini

10426

10427 Notes. Four genera and eight species of Pogonocherini have been recorded from California  
10428 (Linsley & Chemsak 1984).

10429

10430 *Lophopogonius* Linsley, 1935

10431 Nomenclatural Authority: Bezark & Monné (2013)

10432 Notes. One species of *Lophopogonius* has been recorded from California (Linsley &  
10433 Chemsak 1984).

10434

10435 *Lophopogonius crinitus* (LeConte, 1873)

10436 Nomenclatural Authority: Bezark & Monné (2013)

10437 Literature Records: none

10438 Digitized Records: Santa Cruz (1 SBMNH), Santa Rosa (3 SBMNH)

10439 Range: Also known from mainland (Linsley & Chemsak 1984).

10440

10441 Saperdini

10442

10443 Notes. One genus and three species of Saperdini have been recorded from California  
10444 (Linsley & Chemsak 1984).

10445

10446 *Saperda* Fabricius, 1775

10447 Nomenclatural Authority: Bezark & Monné (2013)

10448 Notes. Three species of *Saperda* have been recorded from California (Linsley &  
10449 Chemsak 1995).

10450

10451 *Saperda horni* Joutel, 1902

10452 Nomenclatural Authority: Bezark & Monné (2013)

10453 Literature Records: none

10454 Digitized Records: Santa Cruz (1 SBMNH)

10455 Range: Also known from mainland (Linsley & Chemsak 1995).

10456

10457 Lepturinae

10458

10459 Notes. Six tribes, 35 genera, and 89 species of Lepturinae have been recorded from  
10460 California (Chemsak 2005). Chemsak (2005) provided a guide to the genera and species of the  
10461 subfamily in North America.

10462

10463 Desmocerini

10464

10465 Notes. One genus and two species of Desmocerini have been recorded from California  
10466 (Chemsak 2005).

10467

10468 *Desmocerus* Dejean, 1821

10469 Nomenclatural Authority: Bezark & Monné (2013)

10470 Notes. Two species of *Desmocerus* have been recorded from California (Chemsak 2005).

10471

10472 *Desmocerus californicus* Horn, 1881

10473 Nomenclatural Authority: Bezark & Monné (2013)

10474 Literature Records: none

10475 Digitized Records: Santa Cruz (3 LACM), Santa Rosa (1 LACM)

10476 Range: Also known from mainland (Chemsak 2005).

10477 Notes. All island records of this species belong to *D. c. californicus* Horn, 1881. The  
10478 other subspecies, *D. c. dimorphus* Fisher, 1921, is restricted to the Central Valley of  
10479 California and is federally protected.

10480

10481 Lepturini

10482

10483 Notes. Eighteen genera and 48 species of Lepturini have been recorded from California  
10484 (Chemsak 2005).

10485

10486 *Anastrangalia* Casey, 1924

10487 Nomenclatural Authority: Bezark & Monné (2013)

10488 Notes. Two species of *Anastrangalia* have been recorded from California (Chemsak  
10489 2005).

10490

10491 *Anastrangalia laetifica* (LeConte, 1859)

10492 Nomenclatural Authority: Bezark & Monné (2013)

10493 Literature Records: none

10494 Digitized Records: Santa Cruz (1 CASC; 1 LACM; 4 SBMNH; 1 iNat)

10495 Range: Also known from mainland (Chemsak 2005).

10496

10497 *Strophiona* Casey, 1913

10498 Nomenclatural Authority: Bezark & Monné (2013)

10499 Notes. Two species of *Strophiona* have been recorded from California (Chemsak 2005).

10500

10501 *Strophiona tigrina* Casey, 1913

10502 Nomenclatural Authority: Bezark & Monné (2013)

10503 Literature Records: none

10504 Digitized Records: Santa Catalina (2 SBMNH), Santa Cruz (1 LACM; 2 SBMNH)

10505 Range: Also known from mainland (Chemsak 2005).

10506

10507 *Xestoleptura* Casey, 1913

10508 Nomenclatural Authority: Bezark & Monné (2013)

10509 Notes. Four species of *Xestoleptura* have been recorded from California (Chemsak 2005).

10510

10511 *Xestoleptura crassipes* (LeConte, 1857)

10512 Nomenclatural Authority: Bezark & Monné (2013)

10513 Literature Records: none

10514 Digitized Records: Santa Cruz (1 SBMNH)

10515 Range: Also known from mainland (Chemsak 2005).

10516

10517 Necydalini

10518

10519 Notes. Two genera and seven species of Necydalinae have been recorded from California

10520 (Chemsak 2005). The tribe is sometimes recognized as a full subfamily (e.g., Bezark & Monné

10521 2013).

10522

10523 *Necydalis* Linnaeus, 1758

10524 Nomenclatural Authority: Bezark & Monné (2013)

10525 Notes. There are six California species of the Holarctic genus *Necydalis* (Chemsak 2005).

10526

10527 *Necydalis laevicollis* LeConte, 1869

10528 Nomenclatural Authority: Bezark & Monné (2013)

10529 Literature Records: none

10530 Digitized Records: Santa Rosa (1 USNM)

10531 Range: Also known from mainland (Chemsak 2005).

10532 Notes. The Santa Rosa Island record represents a significant southerly range extension

10533 for this species; the nearest recorded specimens are known from the San Francisco Bay

10534 Area (Chemsak 2005).

10535

10536 Rhagiini

10537

- 10538 Notes. Twelve genera and 35 species of Rhagiini have been recorded from California  
10539 (Chemsak 2005).
- 10540  
10541 *Brachysomida* Casey, 1913  
10542 Nomenclatural Authority: Bezark & Monné (2013)  
10543 Notes. Two species of *Brachysomida* have been recorded from California (Chemsak  
10544 2005).
- 10545  
10546 *Brachysomida californica* (LeConte, 1851)  
10547 Nomenclatural Authority: Bezark & Monné (2013)  
10548 Literature Records: none  
10549 Digitized Records: Santa Rosa (1 SBMNH)  
10550 Range: Also known from mainland (Chemsak 2005).
- 10551  
10552 *Centrodera* LeConte, 1850  
10553 Nomenclatural Authority: Bezark & Monné (2013)  
10554 Notes. Seven species of *Centrodera* have been recorded from California (Chemsak  
10555 2005).
- 10556  
10557 *Centrodera autumnata* Leech, 1963  
10558 Nomenclatural Authority: Bezark & Monné (2013)  
10559 Literature Records: none  
10560 Digitized Records: Santa Cruz (2 LACM; 1 SBMNH)  
10561 Range: Also known from mainland (Chemsak 2005).
- 10562  
10563 *Centrodera spurca* (LeConte, 1857)  
10564 Nomenclatural Authority: Bezark & Monné (2013)  
10565 Literature Records: none  
10566 Digitized Records: Santa Cruz (2 iNat)  
10567 Range: Also known from mainland (Chemsak 2005).
- 10568  
10569 *Stenocorus* Geoffroy, 1762  
10570 Nomenclatural Authority: Bezark & Monné (2013)  
10571 Notes. Four species of *Stenocorus* have been recorded from California (Chemsak 2005).
- 10572  
10573 *Stenocorus (Stenocorus) vestitus* (Haldeman, 1847)  
10574 Nomenclatural Authority: Bezark & Monné (2013)  
10575 Literature Records: none  
10576 Digitized Records: Santa Cruz (2 LACM; 11 SBMNH; 1 SDNHM)  
10577 Range: Also known from mainland (Chemsak 2005).

10578

10579

Prioninae

10580

10581

Notes. Five tribes, six genera, and 12 species of Prioninae have been recorded from California (M Gimmel, unpublished data).

10583

10584

## Callipogonini

10585

10586

Notes. One genus and two species of Callipogonini have been recorded from California (Chemsak 1996; Swift, Santos-Silva & Nearn 2010).

10587

10588

10589

*Trichocnemis* LeConte, 1851

10590

Nomenclatural Authority: Bezark & Monné (2013)

10591

Notes. This genus was reviewed by Swift, Santos-Silva & Nearn (2010). Two species occur in California (Chemsak 1996; Swift, Santos-Silva & Nearn 2010).

10592

10593

10594

*Trichocnemis spiculatus* LeConte, 1851

10595

Nomenclatural Authority: Bezark & Monné (2013)

10596

Literature Records: none

10597

Digitized Records: Santa Rosa (1 SBMNH)

10598

Range: Also known from mainland (Linsley 1962; Chemsak 1996).

10599

Notes. This species was indicated as *Ergates spiculatus* in Linsley (1962) and Chemsak (1996), but was returned to *Trichocnemis* in Swift, Santos-Silva & Nearn (2010).

10600

10601

10602

## Prionini

10603

10604

Notes. Two genera and five species of Prionini have been recorded from California (M Gimmel, unpublished data).

10605

10606

10607

*Prionus* Geoffroy, 1762

10608

Nomenclatural Authority: Santos-Silva, Nearn & Swift (2016)

10609

Notes. This genus was revised for the New World by Santos-Silva, Nearn & Swift (2016). Two species occur in California (Chemsak 1996; Santos-Silva, Nearn & Swift 2016).

10610

10611

10612

*Prionus (Prionus) californicus* Motschulsky, 1845

10613

Nomenclatural Authority: Santos-Silva, Nearn & Swift (2016)

10614

Literature Records: none

10615

Digitized Records: Santa Cruz (3 CASC; 19 LACM; 15 SBMNH; 2 UCSB; 2 iNat)

10616

Range: Also known from mainland (Linsley 1962; Chemsak 1996; Santos-Silva, Nearn & Swift 2016).

10617

10618 Notes. It is somewhat surprising that this large and readily recognizable species has not  
10619 been reported in the literature from Santa Cruz Island before now.

10620

10621 Spondylidinae: Asemini

10622

10623 Notes. Three tribes, seven genera, and 16 species of Spondylidinae, of which four genera  
10624 and nine species belong to Asemini, have been recorded from California (Chemsak 1996).

10625

10626 *Arhopalus* Audinet-Serville, 1834

10627 Nomenclatural Authority: Bezark & Monné (2013)

10628 Notes. Three species of this genus are known to occur in California (Chemsak 1996). A  
10629 key to the North American species was provided by Chemsak (1996).

10630

10631 *Arhopalus asperatus* (LeConte, 1859)

10632 Nomenclatural Authority: Bezark & Monné (2013)

10633 Literature Records: Santa Catalina (Linsley 1962: 71 [map])

10634 Digitized Records: none

10635 Range: Also known from mainland (Linsley 1962; Chemsak 1996).

10636

10637 *Arhopalus productus* (LeConte, 1850)

10638 Nomenclatural Authority: Bezark & Monné (2013)

10639 Literature Records: Santa Catalina (Linsley 1962: 74 [map])

10640 Digitized Records: none

10641 Range: Also known from mainland (Linsley 1962; Chemsak 1996).

10642

10643 *Asemum* Eschscholtz, 1830

10644 Nomenclatural Authority: Bezark & Monné (2013)

10645 Notes. Three species of this genus are known to occur in California (Chemsak 1996). A  
10646 key to the North American species was provided by Chemsak (1996).

10647

10648 *Asemum nitidum* LeConte, 1873

10649 Nomenclatural Authority: Bezark & Monné (2013)

10650 Literature Records: none

10651 Digitized Records: Santa Cruz (1 SBMNH)

10652 Range: Also known from mainland (Linsley 1962; Chemsak 1996).

10653

10654 **Chrysomelidae**

10655

10656 Notes. Nine subfamilies, 105 genera, and 436 species of Chrysomelidae have been  
10657 recorded from California (Riley, Clark & Seeno 2003; Kingsolver 2004; M Gimmel, unpublished

10658 data). The subfamilies Donaciinae and Synetinae have not been reported from the Channel  
10659 Islands.

10660

10661

Bruchinae: Bruchini

10662

10663 Notes. Two tribes, 12 genera, and 43 species of Bruchinae, of which 10 genera and 35  
10664 species are in the tribe Bruchini, have been recorded from California (Kingsolver 2004; M  
10665 Gimmel, unpublished data). Kingsolver (2004) reviewed the North American fauna of the  
10666 subfamily.

10667

10668

*Acanthoscelides* Schilsky, 1905

10669

Nomenclatural Authority: Kingsolver (2004)

10670

Notes. Seventeen species of *Acanthoscelides* have been recorded from California

10671

(Kingsolver 2004).

10672

10673 *Acanthoscelides margaretae* Johnson, 1970

10674

Nomenclatural Authority: Kingsolver (2004)

10675

Literature Records: none

10676

Digitized Records: San Miguel (12 SBMNH), Santa Catalina (3 SBMNH), Santa Cruz (2

10677

SBMNH), Santa Rosa (7 SBMNH)

10678

Range: Also known from mainland (Kingsolver 2004).

10679

10680 *Acanthoscelides napensis* Johnson, 1970

10681

Nomenclatural Authority: Kingsolver (2004)

10682

Literature Records: San Miguel (Miller & Davis 1986: 550)

10683

Digitized Records: San Clemente (1 LACM; 15 SBMNH), Santa Cruz (20 SBMNH),

10684

Santa Rosa (125 LACM; 16 SBMNH)

10685

Range: Also known from mainland (Kingsolver 2004).

10686

10687 *Acanthoscelides pauperculus* (LeConte, 1857)

10688

Nomenclatural Authority: Kingsolver (2004)

10689

Literature Records: San Miguel (Cockerell 1940: 287), Santa Catalina (Fall 1897: 238)

10690

Digitized Records: none

10691

Range: Also known from mainland (Kingsolver 2004).

10692

Notes. Recorded as *Bruchus pauperculus* by Fall (1897) and Cockerell (1940).

10693

10694 *Acanthoscelides pullus* (Fall, 1910)

10695

Nomenclatural Authority: Kingsolver (2004)

10696

Literature Records: Santa Catalina (Fall 1910: 180)

10697

Digitized Records: Anacapa (76 LACM; 1 SBMNH), San Clemente (10 LACM; 1

10698 SBMNH), San Miguel (5 LACM; 1 SBMNH), San Nicolas (8 LACM; 1 SBMNH), Santa  
 10699 Cruz (2 LACM), Santa Rosa (57 LACM; 1 SBMNH)  
 10700 Range: Also known from mainland (Kingsolver 2004).  
 10701 Notes. Fall (1910) recorded this species as *Bruchus pullus*.

10702

10703 *Megacerus Fåhraeus, 1839*

10704 Nomenclatural Authority: Kingsolver (2004)

10705 Notes. One species of *Megacerus* has been recorded from California (Kingsolver 2004).

10706

10707 *Megacerus (Megacerus) impiger* (Horn, 1873)

10708 Nomenclatural Authority: Kingsolver (2004)

10709 Literature Records: Santa Cruz (Schlising 1980: 6 [map])

10710 Digitized Records: San Nicolas (1 SBMNH), Santa Cruz (1 SBMNH)

10711 Range: Also known from mainland (Schlising 1980; Kingsolver 2004).

10712

10713 *Stator* Bridwell, 1946

10714 Nomenclatural Authority: Kingsolver (2004)

10715 Notes. Two species of *Stator* have been recorded from California (Kingsolver 2004).

10716

10717 *Stator limbatus* (Horn, 1873)

10718 Nomenclatural Authority: Kingsolver (2004)

10719 Literature Records: Santa Catalina (Cockerell 1940: 287; Johnson 1963: 861)

10720 Digitized Records: Santa Catalina (1 iNat)

10721 Range: Also known from mainland (Johnson 1963; Kingsolver 2004).

10722 Notes. Recorded as *Bruchus limbatus* by Cockerell (1940).

10723

10724 Cassidinae: Cassidini

10725

10726 Notes. Three tribes, 13 genera, and 25 species of Cassidinae are known to occur in  
 10727 California (Riley, Clark & Seeno 2003; M Gimmel, unpublished data).

10728

10729 *Charidotella* Weise, 1896

10730 Nomenclatural Authority: Riley, Clark & Seeno (2003)

10731 Notes. One species of *Charidotella* has been recorded from California (Riley, Clark &  
 10732 Seeno 2003).

10733

10734 *Charidotella sexpunctata* (Fabricius, 1781)

10735 Nomenclatural Authority: Riley, Clark & Seeno (2003)

10736 Literature Records: none

10737 Digitized Records: Anacapa (68 LACM; 15 SBMNH), Santa Cruz (5 SBMNH; 1 UCSB;

- 10738 6 iNat)  
10739 Range: Also known from mainland (Riley, Clark & Seeno 2003).  
10740 Notes. The only subspecies of *C. sexpunctata* occurring in California is *C. s. bicolor*  
10741 (Fabricius, 1798) (Riley, Clark & Seeno 2003).  
10742  
10743 Chrysomelinae: Chrysomelini  
10744  
10745 Notes. Two tribes, 14 genera, and 32 species of Chrysomelinae, of which 12 genera and  
10746 30 species belong to Chrysomelini, have been recorded from California (Riley, Clark & Seeno  
10747 2003; M Gimmel, unpublished data). Wilcox (1972) provided keys to all North American genera  
10748 and species of Chrysomelinae known at the time.  
10749  
10750 *Calligrapha* Chevrolat, 1836  
10751 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10752 Notes. Six species of *Calligrapha* have been reported from California (Riley, Clark &  
10753 Seeno 2003).  
10754  
10755 *Calligrapha (Calligramma) sigmoidea* (LeConte, 1859)  
10756 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10757 Literature Records: none  
10758 Digitized Records: Santa Rosa (1 SBMNH)  
10759 Range: Also known from mainland (Riley, Clark & Seeno 2003).  
10760  
10761 *Gastrophysa* Chevrolat, 1836  
10762 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10763 Notes. One species of *Gastrophysa* has been recorded from California (Riley, Clark &  
10764 Seeno 2003).  
10765  
10766 *Gastrophysa cyanea* Melsheimer, 1847  
10767 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10768 Literature Records: none  
10769 Digitized Records: San Nicolas (6 SBMNH), Santa Cruz (8 SBMNH), Santa Rosa (4  
10770 LACM)  
10771 Range: Also known from mainland (Riley, Clark & Seeno 2003).  
10772  
10773 *Phaedon* Megerle von Mühlfeld, 1823  
10774 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10775 Notes. Five species of *Phaedon* have been recorded from California (Riley, Clark &  
10776 Seeno 2003).  
10777

- 10778 *Phaedon (Allophaedon) prasinellus* (LeConte, 1861)  
10779 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10780 Literature Records: Santa Barbara (Miller & Miller 1985: 131)  
10781 Digitized Records: Santa Barbara (1 SBMNH)  
10782 Range: Also known from mainland (Riley, Clark & Seeno 2003).  
10783  
10784 *Plagioderia* Chevrolat, 1836  
10785 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10786 Notes. One species of *Plagioderia* has been recorded from California (Riley, Clark &  
10787 Seeno 2003).  
10788  
10789 *Plagioderia (Plagiomorpha) californica* (Rogers, 1856)  
10790 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10791 Literature Records: Santa Cruz (Cockerell 1940: 287)  
10792 Digitized Records: Santa Cruz (14 LACM; 24 SBMNH)  
10793 Range: Also known from mainland (Fall 1901).  
10794 Notes. Recorded as *Lina californica* by Cockerell (1940).  
10795  
10796 *Trachymela* Weise, 1908  
10797 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10798 Notes. One species of *Trachymela* is known from California (Riley, Clark & Seeno  
10799 2003).  
10800  
10801 *Trachymela sloanei* (Blackburn, 1896)  
10802 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10803 Literature Records: none  
10804 Digitized Records: Santa Cruz (2 UCSB; 1 iNat)  
10805 Range: Also known from mainland (Riley, Clark & Seeno 2003).  
10806 Notes. This species was introduced from Australia (Riley, Clark & Seeno 2003).  
10807  
10808 Criocerinae: Lemiini  
10809  
10810 Notes. Two tribes, three genera, and six species of Criocerinae, of which two genera and  
10811 four species belong to Lemiini, have been recorded from California (Riley, Clark & Seeno 2003;  
10812 M Gimmel, unpublished data).  
10813  
10814 *Lema* Fabricius, 1798  
10815 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10816 Notes. Three species of *Lema* have been recorded from California (Riley, Clark & Seeno  
10817 2003).

10818

10819 *Lema daturaphila* Kogan & Goeden, 1970

10820 Nomenclatural Authority: Riley, Clark &amp; Seeno (2003)

10821 Literature Records: Santa Cruz (Fall &amp; Davis 1934: 144)

10822 Digitized Records: Santa Cruz (74 LACM; 5 SBMNH), Santa Rosa (25 LACM; 2

10823 SBMNH)

10824 Range: Also known from mainland (Riley, Clark &amp; Seeno 2003).

10825 Notes. This species was recorded as *Lema trilineata* var. *californica* Schaeffer, 1933 by

10826 Fall &amp; Davis (1934).

10827

10828 Cryptocephalinae: Cryptocephalini

10829

10830 Notes. Three tribes, 10 genera, and 79 species of Cryptocephalinae, of which three genera

10831 and 61 species belong to Cryptocephalini, have been recorded from California (Riley, Clark &amp;

10832 Seeno 2003; M Gimmel, unpublished data).

10833

10834 *Cryptocephalus* Geoffroy, 1762

10835 Nomenclatural Authority: Riley, Clark &amp; Seeno (2003)

10836 Notes: Twelve species of *Cryptocephalus* have been reported from California (Riley,

10837 Clark &amp; Seeno 2003). The species were revised for North America by White (1968).

10838

10839 *Cryptocephalus sanguinicollis* Suffrian, 1852

10840 Nomenclatural Authority: Riley, Clark &amp; Seeno (2003)

10841 Literature Records: none

10842 Digitized Records: Santa Catalina (1 SBMNH)

10843 Range: The two subspecies of *C. sanguinicollis* together span most of western North10844 America. The subspecies reported from the Channel Islands is *C. s. nigerrimus* Crotch,

10845 1874.

10846

10847 *Diachus* LeConte, 1880

10848 Nomenclatural Authority: Riley, Clark &amp; Seeno (2003)

10849 Notes. Two species of *Diachus* have been recorded from California (Riley, Clark &

10850 Seeno 2003).

10851

10852 *Diachus auratus* (Fabricius, 1801)

10853 Nomenclatural Authority: Riley, Clark &amp; Seeno (2003)

10854 Literature Records: San Clemente (Fall 1897: 238), San Miguel (Miller &amp; Davis 1986:

10855 550), Santa Catalina (Fall 1897: 238), Santa Cruz (Naughton et al. 2014: 303), Santa

10856 Rosa (Fall 1897: 238)

10857 Digitized Records: Anacapa (5 SBMNH), San Clemente (21 SBMNH), San Miguel (19

- 10858 SBMNH), San Nicolas (9 SBMNH), Santa Catalina (15 SBMNH), Santa Cruz (16  
10859 SBMNH), Santa Rosa (4 SBMNH)  
10860 Range: Also known from mainland (Riley, Clark & Seeno 2003).  
10861 Notes. This species was reported from flowers of *Malacothrix* by Miller & Davis (1986).  
10862  
10863 *Pachybrachis* Chevrolat, 1836  
10864 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10865 Digitized Records (genus-only): Santa Cruz (1 UCSB)  
10866 Notes. Forty-seven species of *Pachybrachis* have been recorded from California (M  
10867 Gimmel, unpublished data).  
10868  
10869 *Pachybrachis melanostictus* Suffrian, 1852  
10870 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10871 Literature Records: none  
10872 Digitized Records: Santa Cruz (16 SBMNH)  
10873 Range: Also known from mainland (Riley, Clark & Seeno 2003).  
10874  
10875 *Pachybrachis mobilis* Fall, 1915  
10876 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10877 Literature Records: none  
10878 Digitized Records: Santa Catalina (3 SBMNH)  
10879 Range: Also known from mainland (Riley, Clark & Seeno 2003).  
10880  
10881 *Pachybrachis pluripunctatus* Fall, 1915  
10882 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10883 Literature Records: none  
10884 Digitized Records: Santa Cruz (1 SBMNH)  
10885 Range: Also known from mainland (Riley, Clark & Seeno 2003).  
10886  
10887 *Pachybrachis punctatus* Bowditch, 1909  
10888 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10889 Literature Records: Santa Catalina (Fall 1915: 343)  
10890 Digitized Records: Santa Cruz (1 SBMNH)  
10891 Range: Also known from mainland (Fall 1915).  
10892 Notes. Fall (1915) reported this species as *Pachybrachys punctatus*. Earlier, Fall (1897:  
10893 238) listed two separate undetermined “*Pachybrachys*” species from Santa Catalina; this  
10894 probably represents one of them.  
10895  
10896 *Pachybrachis quadratus* Fall, 1915  
10897 Nomenclatural Authority: Riley, Clark & Seeno (2003)

10898 Literature Records: Santa Catalina (Fall 1915: 406)  
10899 Digitized Records: none  
10900 Range: Also known from mainland (Fall 1915).  
10901 Notes. Fall (1915) reported this species as *Pachybrachys punctatus*. Earlier, Fall (1897:  
10902 238) listed two separate undetermined “*Pachybrachys*” species from Santa Catalina; this  
10903 probably represents one of them.

10904

10905 Eumolpinae

10906

10907 Notes. Three tribes, 10 genera, and 36 species of Eumolpinae have been recorded from  
10908 California (Riley, Clark & Seeno 2003; M Gimmel, unpublished data). Straughan & Hadley  
10909 (1980: 392) recorded “Eumolpinae” from Catalina Harbor, Santa Catalina Island.

10910

10911 Adoxini

10912

10913 Notes. Two genera and four species of Adoxini have been recorded from California  
10914 (Riley, Clark & Seeno 2003).

10915

10916 Colaspidea Laporte, 1833

10917 Nomenclatural Authority: Riley, Clark & Seeno (2003)

10918 Notes. Three species of *Colaspidea* have been recorded from California (Riley, Clark &  
10919 Seeno 2003).

10920

10921 *Colaspidea smaragdula* (LeConte, 1857)

10922 Nomenclatural Authority: Riley, Clark & Seeno (2003)

10923 Literature Records: San Clemente (Fall 1897: 238; Fall 1901: 154; Fall 1933: 232; Miller  
10924 1985a: 21), Santa Catalina (Fall 1897: 238; Fall 1901: 154; Fall 1933: 232; Miller 1985a:  
10925 21)

10926 Digitized Records: San Clemente (8 SBMNH), Santa Catalina (2 SBMNH), Santa Cruz  
10927 (6 SBMNH)

10928 Range: Also known from mainland (Riley, Clark & Seeno 2003).

10929 Notes. A supposed endemic, *Colaspidea subvittata* Fall, 1897, was described from San  
10930 Clemente and Santa Catalina and reported in the works of Fall (1897, 1901, 1933) and  
10931 Miller (1985a). The species was later synonymized with the widespread *C. smaragdula*  
10932 by Schultz (1970), reflected in Riley, Clark & Seeno (2003).

10933

10934 Eumolpini

10935

10936 Notes. Five genera and 22 species of Eumolpini have been recorded from California  
10937 (Riley, Clark & Seeno 2003; M Gimmel, unpublished data).

10938

10939

*Spintherophyta* Dejean, 1836

10940

Nomenclatural Authority: Riley, Clark &amp; Seeno (2003)

10941

Notes. Three species of *Spintherophyta* have been recorded from California (Riley, Clark & Seeno 2003; Gilbert & Clark 2020). These were keyed by Gilbert & Clark (2020).

10943

10944

*Spintherophyta punctum* Gilbert & Clark, 2020

10945

Nomenclatural Authority: Riley, Clark &amp; Seeno (2003)

10946

Literature Records: Santa Rosa (Gilbert &amp; Clark 2020: 558)

10947

Digitized Records: none

10948

Range: Endemic (Gilbert &amp; Clark 2020).

10949

Notes. The holotype and paratypes of this species were collected “on leaves of willow” (Gilbert & Clark 2020).

10950

10951

10952

Galerucinae

10953

10954

Notes. Four tribes, 38 genera, and 199 species have been recorded from California (Riley, Clark & Seeno 2003; M Gimmel, unpublished data). Wilcox (1965) provided keys to the non-Alticini taxa for North America.

10956

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## Alticini

10959

10960

Notes. Twenty genera and 114 species of Alticini have been recorded from California (Riley, Clark & Seeno 2003; M Gimmel, unpublished data).

10961

10962

10963

*Altica* Geoffroy, 1762

10964

Nomenclatural Authority: Riley, Clark &amp; Seeno (2003)

10965

Notes. Twenty species of *Altica* have been recorded from California (Riley, Clark & Seeno 2003).

10966

10967

*Altica* undetermined species

10968

Literature Records: none

10969

Digitized Records: Anacapa (4 SBMNH), Santa Cruz (1 SBMNH)

10970

10971

10972

*Aulacothorax* Boheman, 1858

10973

Nomenclatural Authority: Bezděk &amp; Konstantinov (2017).

10974

Notes. One species of *Aulacothorax* has been recorded from California (Riley, Clark & Seeno 2003). This genus was, until recently, known as *Orthaltica* Crotch, 1873 (see Bezděk & Konstantinov 2017).

10975

10976

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- 10978 *Aulacothorax recticollis* (LeConte, 1861)  
10979 Nomenclatural Authority: Bezděk & Konstantinov (2017)  
10980 Literature Records: none  
10981 Digitized Records: Santa Catalina (3 SBMNH), Santa Cruz (1 SBMNH)  
10982 Range: Also known from mainland (Riley, Clark & Seeno 2003).  
10983 Notes. This species was until recently known as *Orthaltica recticollis* (see Bezděk &  
10984 Konstantinov 2017).  
10985  
10986 *Dibolia* Latreille, 1829  
10987 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10988 Notes. Three species of *Dibolia* have been recorded from California (Riley, Clark &  
10989 Seeno 2003). The genus was revised for North America by Parry (1974).  
10990  
10991 *Dibolia californica* Parry, 1974  
10992 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10993 Literature Records: none  
10994 Digitized Records: Santa Cruz (4 SBMNH)  
10995 Range: Also known from mainland (Parry 1974).  
10996  
10997 *Disonycha* Chevrolat, 1836  
10998 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
10999 Notes. Nine species of *Disonycha* have been recorded from California (Riley, Clark &  
11000 Seeno 2003). Blake (1933) keyed out the species.  
11001  
11002 *Disonycha latiovittata* Hatch, 1932  
11003 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
11004 Literature Records: none  
11005 Digitized Records: Santa Cruz (27 LACM), Santa Rosa (11 LACM)  
11006 Range: Also known from mainland (Blake 1933).  
11007  
11008 *Epitrix* Foudras, 1859  
11009 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
11010 Notes. Four species of *Epitrix* have been recorded from California (Riley, Clark & Seeno  
11011 2003). Seeno & Andrews (1972) provided keys to the California species.  
11012  
11013 *Epitrix similaris* Gentner, 1944  
11014 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
11015 Literature Records: Santa Catalina (Gentner 1944: 142; Seeno & Andrews 1972: 59  
11016 [map])  
11017 Digitized Records: none

- 11018 Range: Also known from mainland (Gentner 1944; Seeno & Andrews 1972).  
11019  
11020 *Epitrix subcrinita* (LeConte, 1857)  
11021 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
11022 Literature Records: Santa Cruz (Naughton et al. 2014: 303)  
11023 Digitized Records: Santa Cruz (6 SBMNH)  
11024 Range: Also known from mainland (Seeno & Andrews 1972).  
11025 Notes. MLG examined vouchers from the Naughton et al. (2014) study, which were  
11026 previously identified only to genus; they belong to *E. subcrinita*.  
11027  
11028 *Longitarsus* Berthold, 1827  
11029 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
11030 Notes. Ten species of *Longitarsus* have been recorded from California (Riley, Clark &  
11031 Seeno 2003).  
11032  
11033 *Longitarsus* undetermined species 1  
11034 Literature Records: none  
11035 Digitized Records: San Clemente (1 SBMNH)  
11036 Notes. This is a pale, brachypterous species with complete elytra and long antennae, and  
11037 less than 1.5 mm in total body length (MLG, personal observation).  
11038  
11039 *Longitarsus* undetermined species 2  
11040 Literature Records: none  
11041 Digitized Records: San Nicolas (2 SBMNH)  
11042 Notes. This is a pale, brachypterous species with complete elytra and short antennae, and  
11043 at least 2.0 mm in total body length (MLG, personal observation).  
11044  
11045 *Phyllotreta* Chevrolat, 1836  
11046 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
11047 Digitized Records (genus-only): Santa Cruz (1 SBMNH)  
11048 Notes. Twenty-one species of *Phyllotreta* have been recorded from California (Riley,  
11049 Clark & Seeno 2003). The specimen from Santa Cruz Island housed in the SBMNH has been  
11050 tentatively identified as *Phyllotreta inconspicua* Chittenden, 1927, pending examination of the  
11051 type of that species (H Douglas, 2022, pers. comm.).  
11052  
11053 *Phyllotreta pusilla* Horn, 1889  
11054 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
11055 Literature Records: Santa Catalina (Fall 1897: 238)  
11056 Digitized Records: none  
11057 Range: Also known from mainland (Riley, Clark & Seeno 2003).

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Galerucini

Notes. Nine genera and 36 species of Galerucini have been recorded from California (Riley, Clark & Seeno 2003).

*Erynephala* Blake, 1936

Nomenclatural Authority: Riley, Clark & Seeno (2003)

Notes. Two species of *Erynephala* have been recorded from California (Riley, Clark & Seeno 2003).

*Erynephala morosa* (LeConte, 1857)

Nomenclatural Authority: Riley, Clark & Seeno (2003)

Literature Records: Santa Rosa (Fall 1897: 238)

Digitized Records: none

Range: Also known from mainland (Riley, Clark & Seeno 2003).

Notes. Recorded as *Monoxia puncticollis* (Say, 1824) by Fall (1897). Based on information in Blake (1936), this record almost certainly applies to *E. morosa* and not to the more easterly-occurring species currently known as *Erynephala puncticollis* (Say, 1824).

*Monoxia* LeConte, 1865

Nomenclatural Authority: Riley, Clark & Seeno (2003)

Notes. Nine species of *Monoxia* have been recorded from California (Riley, Clark & Seeno 2003).

*Monoxia sordida* (LeConte, 1858)

Nomenclatural Authority: Riley, Clark & Seeno (2003)

Literature Records: San Clemente (Miller & Miller 1985: 130), Santa Barbara (Miller & Miller 1985: 130)

Digitized Records: San Nicolas (1 SBMNH), Santa Barbara (3 SBMNH)

Range: Also known from mainland (Riley, Clark & Seeno 2003).

*Monoxia* undetermined species

Literature Records: none

Digitized Records: Anacapa (2 SBMNH)

Notes. This pair of *Monoxia* from Anacapa Island are different in coloration and male aedeagal characters than *M. sordida*, and did not readily match any species presented in Blake (1939) (MLG, personal observation).

- 11098 *Trirhabda* LeConte, 1865  
11099 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
11100 Digitized Records (genus-only): Santa Cruz (9 UCSB)  
11101 Notes. Sixteen species of *Trirhabda* have been recorded from California (Riley, Clark &  
11102 Seeno 2003).  
11103  
11104 *Trirhabda confusa* Blake, 1931  
11105 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
11106 Literature Records: none  
11107 Digitized Records: Santa Cruz (1 SBMNH)  
11108 Range: Also known from mainland (Riley, Clark & Seeno 2003).  
11109  
11110 *Trirhabda sericotrachyla* Blake, 1931  
11111 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
11112 Literature Records: none  
11113 Digitized Records: Santa Cruz (10 SBMNH), Santa Rosa (6 SBMNH)  
11114 Range: Also known from mainland (Riley, Clark & Seeno 2003).  
11115  
11116 Luperini  
11117  
11118 Notes. Nine genera and 49 species of Luperini have been recorded from California  
11119 (Riley, Clark & Seeno 2003; M Gimmel, unpublished data).  
11120  
11121 *Diabrotica* Chevrolat, 1836  
11122 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
11123 Notes. Two species of *Diabrotica* have been recorded from California (Riley, Clark &  
11124 Seeno 2003).  
11125  
11126 *Diabrotica undecimpunctata* Mannerheim, 1843  
11127 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
11128 Literature Records: Santa Barbara (Miller & Miller 1985: 130), Santa Catalina (Seavey  
11129 1892: 263; Fall 1897: 238), Santa Cruz (Smith 1966: 109 [map]; Miller & Miller 1985:  
11130 130)  
11131 Digitized Records: Santa Barbara (1 SBMNH), Santa Cruz (8 LACM; 3 SBMNH; 6  
11132 UCSB), Santa Rosa (7 LACM)  
11133 Range: Also known from mainland (Smith 1966; Riley, Clark & Seeno 2003).  
11134 Notes. This species was recorded as *Diabrotica soror* LeConte, 1865 by Seavey (1892)  
11135 and Fall (1897).  
11136  
11137 *Scelolyperus* Crotch, 1874

- 11138 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
 11139 Notes. Twenty species of *Scelolyperus* have been recorded from California (Riley, Clark  
 11140 & Seeno 2003). Clark (1996) revised the genus for North America.  
 11141  
 11142 *Scelolyperus torquatus* (LeConte, 1884)  
 11143 Nomenclatural Authority: Riley, Clark & Seeno (2003)  
 11144 Literature Records: Santa Catalina (Wilcox 1965: 140)  
 11145 Digitized Records: none  
 11146 Range: Also known from mainland (Wilcox 1965; Clark 1996; Riley, Clark & Seeno  
 11147 2003).  
 11148  
 11149 **CURCULIONOIDEA**  
 11150  
 11151 **Attelabidae**  
 11152  
 11153 Notes. One subfamily (Rhynchitinae), six genera, and 18 species of Attelabidae have  
 11154 been recorded from California (O'Brien & Wibmer 1982).  
 11155  
 11156 *Deporaus* Samouelle, 1819  
 11157 Nomenclatural Authority: O'Brien & Wibmer (1982)  
 11158 Notes. One species of *Deporaus* has been recorded from California (O'Brien & Wibmer  
 11159 1982).  
 11160  
 11161 *Deporaus glastinus* (LeConte, 1857)  
 11162 Nomenclatural Authority: O'Brien & Wibmer (1982)  
 11163 Literature Records: none  
 11164 Digitized Records: Santa Catalina (9 LACM), Santa Cruz (33 LACM; 17 SBMNH)  
 11165 Range: Also known from mainland (O'Brien & Wibmer 1982; Hamilton 2002).  
 11166  
 11167 *Temnocerus* Thunberg, 1815  
 11168 Nomenclatural Authority: Hamilton (2002)  
 11169 Notes. Six species of *Temnocerus* have been recorded from California (O'Brien &  
 11170 Wibmer 1982). This genus was until recently known as *Pselaphorhynchites* Schilsky, 1903.  
 11171  
 11172 *Temnocerus aeratoides* (Fall, 1901)  
 11173 Nomenclatural Authority: Hamilton (1971); Hamilton (2002)  
 11174 Literature Records: none  
 11175 Digitized Records: Santa Cruz (2 SBMNH)  
 11176 Range: Also known from mainland (Hamilton 1971).  
 11177 Notes. Hamilton (1971) recorded this species as *Pselaphorhynchites aeratoides*.

11178

11179 *Temnocerus aureus* (LeConte, 1876)

11180 Nomenclatural Authority: Hamilton (1971); Hamilton (2002)

11181 Literature Records: San Clemente (Fall 1897: 239; Fall 1901: 186)

11182 Digitized Records: Santa Cruz (21 SBMNH)

11183 Range: Also known from mainland (Fall 1901).

11184 Notes. Fall (1897, 1901) recorded this species as *Rhynchites aureus*, and Hamilton (1971)11185 as *Pselaphorhynchites aureus*.

11186

11187 *Temnocerus insularis* (Fall, 1929)

11188 Nomenclatural Authority: Hamilton (1971); Hamilton (2002)

11189 Literature Records: San Clemente (Fall 1929b: 294), Santa Catalina (Fall 1897: 239; Fall

11190 1929b: 294; Hamilton 1971: 986)

11191 Digitized Records: none

11192 Range: Also known from mainland (Hamilton 1971).

11193 Notes. Fall (1897: 239) reported this species as "*Rhynchites* sp. nov.?"; Fall (1929b)11194 recorded this species as *Rhynchites insularis*, and Hamilton (1971) recorded it as11195 *Pselaphorhynchites insularis*. The species was thought to be endemic at the time of its

11196 description (Fall 1929b).

11197

11198 *Temnocerus naso* (Casey, 1885)

11199 Nomenclatural Authority: Hamilton (1971); Hamilton (2002)

11200 Literature Records: none

11201 Digitized Records: Santa Cruz (1 UCRC)

11202 Range: Also known from mainland (Hamilton 1971).

11203 Notes. Hamilton (1971) recorded this species as *Pselaphorhynchites naso*. This species is

11204 distributed through much of mainland southern California (Hamilton 1971).

11205

11206 **Brentidae**

11207

11208 Notes. One subfamily, 13 genera, and 35 species of Brentidae have been recorded from

11209 California (M Gimmel, unpublished data).

11210

11211 Apioninae

11212

11213 Literature Records (subfamily-only): Santa Cruz (Naughton et al. 2014: 303; digital)

11214 Digitized Records (subfamily-only): San Clemente (3 SBMNH), San Miguel (1

11215 SBMNH), Santa Cruz (51 SBMNH), Santa Rosa (3 SBMNH)

11216 Notes. This subfamily is fairly diverse in California, with 13 genera and 35 species

11217 recorded (O'Brien &amp; Wibmer 1982; M Gimmel, unpublished data). Although they were

11218 monographed for North America by Kissinger (1968), they are exceedingly challenging to  
11219 identify. Because of this challenge, we have included a “Digitized Records” section above for  
11220 this subfamily to indicate the amount of material in dire need of expert determination.

11221

11222 *Coelocephalapion* Wagner, 1914

11223 Nomenclatural Authority: Anderson & Kissinger (2002)

11224 Notes. Six species of *Coelocephalapion* have been recorded from California (O’Brien &  
11225 Wibmer 1982).

11226

11227 *Coelocephalapion antennatum* (Smith, 1884)

11228 Nomenclatural Authority: Kissinger (1968)

11229 Literature Records: Santa Catalina (Fall 1897: 239), Santa Cruz (Kissinger 1968: 249)

11230 Digitized Records: none

11231 Range: Also known from mainland (Kissinger 1968).

11232 Notes. Recorded as *Apion antennatum* by Fall (1897) and Kissinger (1968), with the  
11233 latter work not including the species in a subgenus. A new classification of former *Apion*  
11234 Herbst, 1797 was developed by Alonso-Zarazaga (1990), but not fully implemented for  
11235 North American species (Anderson & Kissinger 2002); however, this species has been  
11236 informally moved to the genus *Coelocephalapion* in, e.g., bugguide.net.

11237

11238 *Coelocephalapion californicum* (Smith, 1884)

11239 Nomenclatural Authority: Kissinger (1968)

11240 Literature Records: Santa Cruz (Cockerell 1940: 287)

11241 Digitized Records: none

11242 Range: Also known from mainland (Kissinger 1968).

11243 Notes. Reported by Cockerell (1940) as *Apion californicum*. Kissinger (1968) included  
11244 this species in the subgenus *Apion* (*Coelocephalapion*), which was upgraded to genus by  
11245 Kissinger (1992).

11246

11247 *Coelocephalapion oedorhynchum* (LeConte, 1858)

11248 Nomenclatural Authority: Kissinger (1968)

11249 Literature Records: Santa Catalina (Fall 1897: 239; Fall 1898a: 130)

11250 Digitized Records: none

11251 Range: Also known from mainland (Fall 1898a; Kissinger 1968).

11252 Notes. Recorded as *Apion oedorhynchum* by Fall (1897, 1898a) and Kissinger (1968),  
11253 with the latter work not including the species in a subgenus. A new classification of  
11254 former *Apion* was developed by Alonso-Zarazaga (1990), but not fully implemented for  
11255 North American species (Anderson & Kissinger 2002); however, this species has been  
11256 informally moved to the genus *Coelocephalapion* in, e.g., bugguide.net.

11257

**Curculionidae**

11258

11259

11260 Notes. Nineteen subfamilies, 221 genera, and 821 species of Curculionidae are known to  
11261 occur in California (M Gimmel, unpublished data). Subfamilies occurring on the nearby  
11262 mainland but not known from the Channel Islands include: Bagoinae, Conoderinae,  
11263 Cryptorhynchinae, Gonipterinae, Mesoptiliinae, Platypodinae.

11264

11265

11266

Baridinae: Baridini

11267

11268

11269

Notes. Three tribes, 15 genera, and 48 species of Baridinae, including seven genera and  
24 species of Baridini, are known to occur in California (O'Brien & Wibmer 1982; M Gimmel,  
unpublished data).

11270

11271

*Trichobaris* LeConte, 1876

11272

Nomenclatural Authority: Anderson (2002)

11273

Digitized Records (genus-only): Santa Cruz (2 UCSB)

11274

Notes. Three species of *Trichobaris* have been recorded from California (O'Brien &  
Wibmer 1982).

11275

11276

11277

*Trichobaris compacta* Casey, 1892

11278

Nomenclatural Authority: O'Brien & Wibmer (1982)

11279

Literature Records: none

11280

Digitized Records: Santa Cruz (5 SBMNH)

11281

Range: Also known from mainland (O'Brien & Wibmer 1982).

11282

11283

Ceutorhynchinae: Ceutorhynchini

11284

11285

11286

11287

Notes. Five tribes, 14 genera, and 42 species of Ceutorhynchinae, of which six genera  
and 31 species belong to Ceutorhynchini, are known to occur in California (O'Brien & Wibmer  
1982; M Gimmel, unpublished data).

11288

11289

*Ceutorhynchus* Germar, 1824

11290

Nomenclatural Authority: Anderson (2002)

11291

Notes. Twenty-four species of *Ceutorhynchus* are known to occur in California (M  
Gimmel, unpublished data).

11292

11293

11294

*Ceutorhynchus assimilis* (Paykull, 1792)

11295

Nomenclatural Authority: O'Brien & Wibmer (1982)

11296

Literature Records: none

11297

Digitized Records: Santa Cruz (2 SBMNH)

- 11298 Range: Also known from mainland (O'Brien & Wibmer 1982).  
11299 Notes. This species is introduced from Europe (O'Brien & Wibmer 1982).  
11300  
11301 Cossoninae  
11302  
11303 Notes. Five tribes, 12 genera, and 29 species of Cossoninae are known to occur in  
11304 California (O'Brien & Wibmer 1982; M Gimmel, unpublished data).  
11305  
11306 Onycholipini  
11307  
11308 Notes. Two genera and two species of Onycholipini have been recorded from California  
11309 (M Gimmel, unpublished data).  
11310  
11311 *Pselactus* Broun, 1886  
11312 Nomenclatural Authority: Anderson (2002)  
11313 Notes. A single, adventive species of *Pselactus* is known from North America (Anderson  
11314 2002).  
11315  
11316 *Pselactus spadix* (Herbst, 1795)  
11317 Nomenclatural Authority: O'Brien & Wibmer (1982)  
11318 Literature Records: none  
11319 Digitized Records: Santa Rosa (2 SBMNH)  
11320 Range: Also known from mainland (O'Brien & Wibmer 1982).  
11321 Notes. This beach-dwelling and driftwood-inhabiting species is introduced to North  
11322 America (Anderson 2002).  
11323  
11324 Rhyncolini  
11325  
11326 Notes. Five genera and 14 species of Rhyncolini are known to occur in California (M  
11327 Gimmel, unpublished data).  
11328  
11329 *Elassoptes* Horn, 1873  
11330 Nomenclatural Authority: Anderson (2002)  
11331 Notes. A single species of *Elassoptes* is known from North America (Anderson 2002).  
11332  
11333 *Elassoptes marinus* Horn, 1873  
11334 Nomenclatural Authority: O'Brien & Wibmer (1982)  
11335 Literature Records: none  
11336 Digitized Records: San Clemente (2 SBMNH), San Miguel (26 SBMNH), San Nicolas (5  
11337 SBMNH), Santa Cruz (16 SBMNH), Santa Rosa (21 SBMNH)

- 11338 Range: Also known from mainland (O'Brien & Wibmer 1982).  
 11339 Notes. This species is a beach inhabitant associated with driftwood (Anderson 2002).  
 11340  
 11341 *Rhyncolus* Germar, 1817  
 11342 Nomenclatural Authority: Anderson (2002)  
 11343 Literature Records (genus-only): Santa Barbara (Miller & Miller 1985: 131)  
 11344 Digitized Records (genus-only): San Miguel (4 SBMNH)  
 11345 Notes. Miller & Miller (1985) recorded the genus only, noting that it needs revision. Nine  
 11346 nominal species of *Rhyncolus* are known to occur in California (M Gimmel, unpublished data).  
 11347  
 11348 *Rhyncolus cylindricollis* Wollaston, 1873  
 11349 Nomenclatural Authority: O'Brien & Wibmer (1982)  
 11350 Literature Records: none  
 11351 Digitized Records: Santa Cruz (6 SBMNH)  
 11352 Range: Also known from mainland (O'Brien & Wibmer 1982).  
 11353  
 11354 Curculioninae  
 11355  
 11356 Notes. Nine tribes, 23 genera, and 131 species of Curculioninae are known to occur in  
 11357 California (M Gimmel, unpublished data).  
 11358  
 11359 Anthonomini  
 11360  
 11361 Notes. Six genera and 60 species of Anthonomini are known to occur in California (M  
 11362 Gimmel, unpublished data).  
 11363  
 11364 *Anthonomus* Germar, 1817  
 11365 Nomenclatural Authority: Anderson (2002)  
 11366 Digitized Records (genus-only): Anacapa (2 LACM; 2 SBMNH), Santa Catalina (5  
 11367 SBMNH)  
 11368 Notes. Forty-five species of *Anthonomus* belonging to five subgenera (*Anthomorphus*  
 11369 Weise, 1883, *Anthonomochaeta* Dietz, 1891, *Anthonomorphus* Dietz, 1891, *Anthonomus* (*s.str.*),  
 11370 and *Cnemocyllus* Dietz, 1891) are known from California (M Gimmel, unpublished data). The  
 11371 subgenus *Cnemocyllus* was revised by Clark & Burke (2005). All SBMNH genus-only records  
 11372 belong to the subgenus *Cnemocyllus*.  
 11373  
 11374 *Anthonomus* (*Anthonomus*) *pauperculus* LeConte, 1876  
 11375 Nomenclatural Authority: Clark et al. (2019)  
 11376 Literature Records: Santa Catalina (Seavey 1892: 262; Fall 1897: 239; Cockerell 1940:  
 11377 287; Clark et al. 2019: 796)

- 11378 Digitized Records: none
- 11379 Range: Also known from mainland (Clark et al. 2019).
- 11380 Notes. The record of *Anthonomus canus* LeConte, 1876 (now a junior synonym of
- 11381 *Anthonomus (Cnemocyllus) decipiens* LeConte, 1876) by Seavey (1892) was considered
- 11382 to be erroneous according to H.C. Fall (1897: 235) and refers to *A. pauperculus* (see
- 11383 Cockerell 1940: 287). Members of the *Anthonomus squamosus* LeConte, 1876 species-
- 11384 group, to which *A. pauperculus* belongs, were revised by Clark et al. (2019).
- 11385
- 11386 *Anthonomus (Cnemocyllus) inermis* Boheman, 1859
- 11387 Nomenclatural Authority: Clark & Burke (2005)
- 11388 Literature Records: San Miguel (Miller & Miller 1985: 131), Santa Barbara (Miller &
- 11389 Miller 1985: 131), Santa Rosa (Clark & Burke 2005: 45)
- 11390 Digitized Records: Santa Barbara (1 LACM)
- 11391 Range: Also known from mainland (Clark & Burke 2005).
- 11392 Notes. Recorded as *Anthonomus subvittatus* LeConte, 1876 by Miller & Miller (1985),
- 11393 which is a junior synonym of *A. inermis* (see Clark & Burke 2005). Miller & Miller
- 11394 (1985) reported it from *Hemizonia clementina* (Asteraceae) on Santa Barbara Island.
- 11395
- 11396 *Anthonomus (Cnemocyllus)* undescribed species
- 11397 Literature Records: none
- 11398 Digitized Records: Santa Barbara (2 SBMNH)
- 11399 Range: ?Endemic.
- 11400 Notes. These seven SBMNH specimens (on two pins) from Santa Barbara Island, one of
- 11401 which is a dissected male, were marked as “*Anthonomus* n. sp. #2, *Cnemocyllus* gp.” by
- 11402 Horace R. Burke in 2009. Based on the funicle with seven antennomeres, it belongs to the
- 11403 *A. inermis* group of Clark & Burke (2009) (MLG, personal observation). It is unknown
- 11404 whether specimens of this morphospecies exist from other localities.
- 11405
- 11406 Curculionini
- 11407
- 11408 Notes. One genus and three species of Curculionini have been recorded from California
- 11409 (Gibson 1969).
- 11410
- 11411 *Curculio* Linnaeus, 1758
- 11412 Nomenclatural Authority: Anderson (2002)
- 11413 Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303)
- 11414 Digitized Records (genus-only): Santa Catalina (1 SBMNH), Santa Cruz (1 SBMNH)
- 11415 Notes. Three species of *Curculio* have been recorded from California (Gibson 1969). The
- 11416 Naughton et al. (2014) record refers to a single specimen of “*Curculio* sp.” in addition to records
- 11417 of *C. uniformis*. Seavey (1892: 262) recorded *Balaninus obtusus* [= *Curculio obtusus* (Blanchard,

11418 1884)] from Santa Catalina Island. Gibson (1969) used an unnecessary replacement name,  
 11419 *Curculio neocorylus* Gibson, 1969 to refer to this species. Fall (1897: 235) doubted the validity  
 11420 of this identification; we agree that this record must be in error, since this species has not  
 11421 subsequently been reported from California and is otherwise only known from east of the Rocky  
 11422 Mountains (Gibson 1969). This record almost certainly represents one of the two species of  
 11423 *Curcuilo* listed below. The North American species of *Curculio* were revised by Gibson (1969).

11424

11425 *Curculio aurivestis* Chittenden, 1927

11426 Nomenclatural Authority: O'Brien & Wibmer (1982)

11427 Literature Records: Santa Catalina (Chittenden 1927: 186, 191)

11428 Digitized Records: Santa Catalina (1 USNM)

11429 Range: Also known from mainland (Gibson 1969).

11430 Notes. Chittenden (1927) recognized two species, one from the mainland (*C. aurivestis*)  
 11431 and one insular and presumed endemic (*Curculio brevinasus* Chittenden, 1927), the latter  
 11432 representing the Santa Catalina record above. Gibson (1969) synonymized the two and  
 11433 recognized a single species ranging from British Columbia to southern California where  
 11434 it breeds in various species of *Quercus*.

11435

11436 *Curculio uniformis* (LeConte, 1857)

11437 Nomenclatural Authority: O'Brien & Wibmer (1982)

11438 Literature Records: Santa Catalina (Fall 1897: 239; Fall 1901: 199; Chittenden 1908: 22),  
 11439 Santa Cruz (Naughton et al. 2014: 303)

11440 Digitized Records: Santa Cruz (4 SBMNH)

11441 Range: Also known from mainland (Fall 1901; Chittenden 1908; Gibson 1969).

11442 Notes. Fall (1897) recorded this species as *Balaninus occidentis* Casey, 1897 and noted  
 11443 this species had previously been confused with *Balaninus uniformis*, but is distinct. Fall  
 11444 (1901) recorded this species as *B. uniformis*. Chittenden (1908) synonymized *B.*  
 11445 *occidentis* with *B. uniformis*, and Gibson (1969) incorrectly used *C. occidentis* as the  
 11446 valid name.

11447

11448

#### Smicronychini

11449

11450 Notes. Two genera and 21 species of Smicronychini have been recorded from California  
 11451 (O'Brien & Anderson 1996).

11452

11453 *Smicronyx* Schoenherr, 1843

11454 Nomenclatural Authority: Anderson (2002)

11455 Literature Records (genus-only): Santa Rosa (Fall 1897: 239)

11456 Digitized Records (genus-only): San Clemente (1 SBMNH)

11457 Notes. Nineteen species of *Smicronyx* have been recorded from California (O'Brien &  
11458 Anderson 1996). Fall (1897) recorded only "*Smicronyx*, sp." from Santa Rosa Island. Anderson  
11459 (1962) revised the species for North America.

11460

11461 *Smicronyx cinereus* (Motschulsky, 1845)

11462 Nomenclatural Authority: O'Brien & Anderson (1996)

11463 Literature Records: Santa Rosa (Anderson 1962: 208)

11464 Digitized Records: none

11465 Range: Also known from mainland (Anderson 1962).

11466 Notes. The record from Fall (1897) may refer to this species but because there is at least  
11467 one new island record for the genus (San Clemente) the genus should be reexamined  
11468 from the Channel Islands.

11469

11470 Tychiini

11471

11472 Notes. Three genera and 14 species of Tychiini have been recorded from California  
11473 (O'Brien & Wibmer 1982).

11474

11475 *Sibinia* Germar, 1817

11476 Nomenclatural Authority: Anderson (2002)

11477 Notes. Five species of *Sibinia* are known to occur in California (O'Brien & Wibmer  
11478 1982). This genus was revised for the New World by Clark (1978).

11479

11480 *Sibinia maculata* (LeConte, 1876)

11481 Nomenclatural Authority: O'Brien & Wibmer (1982)

11482 Literature Records: San Miguel (Clark 1978: 363; Miller & Miller 1985: 131), San  
11483 Nicolas (Fall 1901: 197), Santa Barbara (Miller & Miller 1985: 131)

11484 Digitized Records: Santa Barbara (1 LACM)

11485 Range: Also known from mainland (Fall 1901; Clark 1978).

11486 Notes. Fall (1901) recorded this species as *Paragoges maculatus* LeConte. Reported from  
11487 "sage brush" on Santa Barbara Island by Miller & Miller (1985).

11488

11489 *Tychius* Germar, 1817

11490 Nomenclatural Authority: Anderson (2002)

11491 Literature Records (genus-only): San Nicolas (Fall 1897: 239)

11492 Notes. Six species of *Tychius* have been recorded from California (O'Brien & Wibmer  
11493 1982). The genus was revised for North America by Clark (1971). The status of the San Nicolas  
11494 Island record referred to by Fall (1897) as "*Tychius*, n. sp." is unknown.

11495

11496 *Tychius lineellus* LeConte, 1876

11497 Nomenclatural Authority: O'Brien & Wibmer (1982)  
 11498 Literature Records: Santa Cruz (Clark 1971: 18), Santa Rosa (Clark 1971: 18)  
 11499 Digitized Records: Santa Cruz (4 LACM), Santa Rosa (5 LACM; 2 SBMNH)  
 11500 Range: Also known from mainland (Clark 1971).

11501

11502

Cyclominae

11503

11504 Notes. Two genera and 17 species of Cyclominae have been recorded from California  
 11505 (O'Brien 1997).

11506

11507

*Listroderes* Schoenherr, 1826

11508

Nomenclatural Authority: Anderson (2002)

11509

Digitized Records (genus-only): Santa Cruz (1 UCSB)

11510

Notes. Two introduced species of *Listroderes* have been recorded from California

11511

(O'Brien 1997). This genus was partially revised by Morrone (1993).

11512

11513

*Listroderes costirostris* Schoenherr, 1826

11514

Nomenclatural Authority: Morrone (1993)

11515

Literature Records: none

11516

Digitized Records: San Miguel (14 SBMNH), San Nicolas (11 LACM), Santa Catalina (1

11517

LACM), Santa Rosa (1 LACM)

11518

Range: Also known from mainland (Morrone 1993).

11519

Notes. This species was accidentally introduced to North America from South America

11520

(Morrone 1993).

11521

11522

*Listronotus* Jekel, 1865

11523

Nomenclatural Authority: Anderson (2002)

11524

Digitized Records (genus-only): Santa Catalina (3 SBMNH)

11525

Notes. Fifteen species of *Listronotus* have been recorded from California (O'Brien 1997).

11526

The larger species of this genus in North America were taxonomically treated by O'Brien

11527

(1981).

11528

11529

*Listronotus sordidus* (Gyllenhal, 1834)

11530

Nomenclatural Authority: O'Brien & Wibmer (1982)

11531

Literature Records: San Nicolas (Cockerell 1940: 287)

11532

Digitized Records: none

11533

Range: Also known from mainland (O'Brien & Wibmer 1982).

11534

Notes. This species was reported by Cockerell (1940) as *Listronotus obliquus* LeConte,

11535

1876. This species is now considered a junior synonym of *L. sordidus* (see O'Brien &

11536

Wibmer 1982: 70), but this species' reported range does not include California (O'Brien

11537 & Wibmer 1982). The specific identity of the San Nicolas Island record is therefore still  
11538 in question.

11539

11540

Dryophthorinae: Rhynchophorini

11541

11542 Notes. Two tribes, seven genera, and 27 species of Dryophthorinae, of which all but one  
11543 genus and species belong to Rhynchophorini, have been recorded from California (M Gimmel,  
11544 unpublished data).

11545

11546

*Scyphophorus* Schoenherr, 1838

11547 Nomenclatural Authority: Anderson (2002)

11548 Notes. Two species of *Scyphophorus* have been recorded from California (Vaurie 1971).

11549 The species of the genus were treated by Vaurie (1971).

11550

11551 *Scyphophorus yuccae* Horn, 1873

11552 Nomenclatural Authority: Vaurie (1971); O'Brien & Wibmer (1982)

11553 Literature Records: none

11554 Digitized Records: Santa Cruz (2 SBMNH)

11555 Range: Also known from mainland (Vaurie 1971; O'Brien & Wibmer 1982).

11556 Notes. This species breeds in the stems of *Hesperoyucca whipplei* (Torr.) Trel.

11557 (Agavaceae), a common plant on the mainland that does not occur natively in the

11558 Channel Islands. However, a variety of yucca species have been planted there.

11559

11560

*Sphenophorus* Schoenherr, 1838

11561 Nomenclatural Authority: Anderson (2002)

11562 Notes. Eighteen species of *Sphenophorus* have been recorded from California (M  
11563 Gimmel, unpublished data). This genus was treated for North America by Vaurie (1951) as the  
11564 genus *Calendra* Clairville & Schellenberg, 1798.

11565

11566 *Sphenophorus graminis* Chittenden, 1905

11567 Nomenclatural Authority: O'Brien & Wibmer (1982)

11568 Literature Records: none

11569 Digitized Records: Santa Rosa (1 SBMNH)

11570 Range: Also known from mainland (Vaurie 1951; O'Brien & Wibmer 1982).

11571

11572 *Sphenophorus phoeniciensis* Chittenden, 1904

11573 Nomenclatural Authority: O'Brien & Wibmer (1982)

11574 Literature Records: none

11575 Digitized Records: Santa Cruz (1 SBMNH)

11576 Range: Also known from mainland (Vaurie 1951; O'Brien & Wibmer 1982).

11577

11578 *Sphenophorus simplex* LeConte, 1860

11579 Nomenclatural Authority: O'Brien &amp; Wibmer (1982)

11580 Literature Records: none

11581 Digitized Records: San Nicolas (1 SBMNH), Santa Rosa (1 SBMNH)

11582 Range: Also known from mainland (Vaurie 1951; O'Brien &amp; Wibmer 1982).

11583

11584 *Sphenophorus vomerinus* LeConte, 1858

11585 Nomenclatural Authority: O'Brien &amp; Wibmer (1982)

11586 Literature Records: Santa Rosa (Fall 1897: 239)

11587 Digitized Records: none

11588 Range: Also known from mainland (Vaurie 1951; O'Brien &amp; Wibmer 1982).

11589

11590 Entiminae

11591

11592 Notes. Fifteen tribes, 53 genera, and 205 species of Entiminae are known to occur in  
11593 California (M Gimmel, unpublished data).

11594

11595 Geonemini

11596

11597 Notes. Four genera and 64 species of Geonemini are known to occur in California  
11598 (O'Brien & Wibmer 1982).

11599

11600 *Trigonoscuta* Motschulsky, 1853

11601 Nomenclatural Authority: Anderson (2002)

11602 Literature Records (genus-only): San Clemente (Doyen 1974: 87), San Miguel (Van Dam  
11603 & Matzke 2016: 1527), San Nicolas (Van Dam & Matzke 2016: 1527), Santa Catalina (Van  
11604 Dam & Matzke 2016: 1527), Santa Cruz (Van Dam & Matzke 2016: 1527), Santa Rosa (Van  
11605 Dam & Matzke 2016: 1527)11606 Digitized Records (genus-only): San Clemente (2 LACM; 7 SBMNH), San Miguel (14  
11607 SBMNH), San Nicolas (32 LACM; 24 SBMNH), Santa Catalina (9 LACM), Santa Cruz (5  
11608 SBMNH), Santa Rosa (25 SBMNH)11609 Notes. This genus was revised in elaborate detail by Pierce (1975), who diagnosed and  
11610 named minute variation in these sand-dwelling beetles, recognizing over 150 species and  
11611 subspecies, most of which were limited to a single locality or even collecting event. Miller  
11612 (1985a: 21), in a list of endemic species of the Channel Islands, did not bother to individually list  
11613 all of the purported endemic *Trigonoscuta* described by Pierce (1975). A robust molecular  
11614 phylogeny was published by Van Dam & Matzke (2016) which sampled specimens from five of  
11615 the Channel Islands. This phylogeny seems to indicate that at least two species are present on the  
11616 islands and each of those are found on multiple islands. This contradicts Pierce (1975) who

11617 enumerated different species or subspecies for nearly every beach locality collected on the  
11618 islands and mainland California. It seems likely that coastal dune *Trigonoscuta* may have similar  
11619 diversity to the tenebrionid genus *Coelus* which has a nearly identical distribution and habitat  
11620 (see account above for this genus). It actually may be the case that the two “subgenera”  
11621 identified by Pierce as inhabiting the islands align more appropriately with true species diversity  
11622 than the numerous “species” described. This genus is in great need of a modern revision and  
11623 likely tells a very interesting story of dune colonization between the islands and mainland  
11624 California. Van Dam & Matzke (2016, see their figure 5 and supplemental information) found  
11625 two well supported clades which one might consider species: one from the northern islands of  
11626 Santa Rosa, Santa Cruz, and San Miguel sister to a specimen from the mainland, and a second  
11627 from Santa Catalina and San Nicolas islands. Specimens of this genus are known from all eight  
11628 Channel Islands. The records presented under each species largely reflect the work of Pierce  
11629 (1975) and the specimens included within that study.

11630

11631 *Trigonoscuta anacapensis* Pierce, 1975

11632 Nomenclatural Authority: O’Brien & Wibmer (1982)

11633 Literature Records: Anacapa (Pierce 1975: 48)

11634 Digitized Records: Anacapa (18 LACM)

11635 Range: Endemic (Pierce 1975).

11636 Notes. Described in the subgenus *Trigonoscuta* (*s.str.*), which Pierce (1975) understood  
11637 as otherwise restricted to the mainland Pacific Coast. This species was described from  
11638 West Anacapa Island and considered similar to populations described from the coast of  
11639 Ventura County, California (Pierce 1975: 49).

11640

11641 *Trigonoscuta catalina* Pierce, 1975

11642 Nomenclatural Authority: O’Brien & Wibmer (1982)

11643 Literature Records: Santa Catalina (Pierce 1975: 53)

11644 Digitized Records: Santa Catalina (24 LACM)

11645 Range: Endemic (Pierce 1975).

11646 Notes. Described in the subgenus *Nesocatoecus* Pierce, 1975, which Pierce (1975)  
11647 understood as restricted to the Channel Islands.

11648

11649 *Trigonoscuta clemente* Pierce, 1975

11650 Nomenclatural Authority: O’Brien & Wibmer (1982)

11651 Literature Records: San Clemente (Pierce 1975: 53)

11652 Digitized Records: San Clemente (2031 LACM), Santa Barbara (2 LACM)

11653 Range: Endemic (Pierce 1975).

11654 Notes. The correct spelling of this species is *T. clemente* (Pierce 1975), though in the  
11655 same paper the incorrect original spelling of *T. sanclemente* was also used (nec. *T.*  
11656 *sanclementis* Pierce, 1975; see O’Brien and Wimber 1982: 33). Described in the

11657 subgenus *Nesocatoecus*, which Pierce (1975) understood as restricted to the Channel  
11658 Islands. Pierce (1975) described five subspecies largely based off of dune host plants the  
11659 beetles were collected from, which seem highly unlikely to represent different taxa in an  
11660 evolutionary context. The subspecies are: *T. c. clemente* Pierce, 1975; *T. c. isola* Pierce,  
11661 1975; *T. c. excavata* Pierce, 1975; *T. c. latesecula* Pierce, 1975; *T. c. traskiae* Pierce,  
11662 1975.

11663

11664 *Trigonoscuta curviscropa* Pierce, 1975

11665 Nomenclatural Authority: O'Brien & Wibmer (1982)

11666 Literature Records: Santa Barbara (Pierce, 1975: 53; Miller & Miller 1985: 131)

11667 Digitized Records: none

11668 Range: Endemic (Pierce 1975).

11669 Notes. Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as  
11670 restricted to the Channel Islands. Miller & Miller (1985) merely listed *T. curviscropa* as  
11671 being described from Santa Barbara Island, and doubted the taxonomic validity of this  
11672 species.

11673

11674 *Trigonoscuta miguelensis* Pierce, 1975

11675 Nomenclatural Authority: O'Brien & Wibmer (1982)

11676 Literature Records: San Miguel (Pierce 1975: 46)

11677 Digitized Records: San Miguel (21 LACM; 10 SBMNH)

11678 Range: Endemic (Pierce 1975).

11679 Notes. Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as  
11680 restricted to the Channel Islands.

11681

11682 *Trigonoscuta nesiotis* Pierce, 1975

11683 Nomenclatural Authority: O'Brien & Wibmer (1982)

11684 Literature Records: Anacapa (Pierce 1975: 48)

11685 Digitized Records: Anacapa (35 LACM)

11686 Range: Endemic (Pierce 1975).

11687 Notes. Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as  
11688 restricted to the Channel Islands. This species was described from West Anacapa Island.

11689

11690 *Trigonoscuta nicolana* Pierce, 1975

11691 Nomenclatural Authority: O'Brien & Wibmer (1982)

11692 Literature Records: San Nicolas (Pierce 1975: 49)

11693 Digitized Records: San Nicolas (264 LACM), Santa Barbara (2 LACM)

11694 Range: Endemic (Pierce 1975).

11695 Notes. Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as  
11696 restricted to the Channel Islands. Eight subspecies were described by Pierce (1975),

- 11697 which corresponded to the dune host plant the beetles were found associated with. It  
11698 seems highly unlikely that these names represent different taxa in an evolutionary  
11699 context. The subspecies are: *T. n. nicolana* Pierce, 1975; *T. n. longinoda* Pierce, 1975; *T.*  
11700 *n. latelobata* Pierce, 1975; *T. n. nonmarginata* Pierce, 1975; *T. n. latespiculum* Pierce,  
11701 1975; *T. n. lateconjuncta* Pierce, 1975; *T. n. sulcata* Pierce, 1975; *T. n. brevicconjuncta*  
11702 Pierce, 1975  
11703  
11704 *Trigonoscuta pilosa* Motschulsky, 1953  
11705 Nomenclatural Authority: O'Brien & Wibmer (1982)  
11706 Literature Records: San Clemente (Fall 1897: 239), Santa Rosa (Fall 1897: 239)  
11707 Digitized Records: none  
11708 Range: Also known from mainland (Pierce 1975).  
11709 Notes. In the genus revision by Pierce (1975), this species was interpreted to occur from  
11710 Washington, Oregon, and California north of the San Andreas fault, from which were  
11711 described eight subspecies. The literature records for this taxon predate Pierce's revision  
11712 and likely correspond to other taxa named therein. This species belongs to the subgenus  
11713 *Trigonoscuta* (*s.str.*), which Pierce (1975) recognized as restricted to the mainland except  
11714 for *T. anacapensis* from Anacapa island.  
11715  
11716 *Trigonoscuta sanctabarbarae* Pierce, 1975  
11717 Nomenclatural Authority: O'Brien & Wibmer (1982)  
11718 Literature Records: Santa Barbara (Pierce 1975: 52; Miller & Miller 1985: 131).  
11719 Digitized Records: Santa Barbara (46 LACM)  
11720 Range: Endemic (Pierce 1975).  
11721 Notes. The correct spelling of this name is *T. sanctabarbarae*, but in the same paper  
11722 (Pierce 1975) the incorrect original spelling *T. santabarbarae* was also used (see O'Brien  
11723 & Wibmer 1982: 35). Described in the subgenus *Nesocatoecus*, which Pierce (1975)  
11724 understood as restricted to the Channel Islands. Pierce (1975) included three subspecies,  
11725 all from Santa Barbara Island: *T. s. sanctabarbarae* Pierce, 1975; *T. s. mesembryanthemi*  
11726 Pierce, 1975; *T. s. lycii* Pierce, 1975. Miller & Miller (1985) merely listed these three  
11727 subspecies (as "*Trigonoscuta santabarbarae*") as being described from Santa Barbara  
11728 Island. They doubted the taxonomic validity of these taxa.  
11729  
11730 *Trigonoscuta sanctarosae* Pierce, 1975  
11731 Nomenclatural Authority: O'Brien & Wibmer (1982)  
11732 Literature Records: Santa Rosa (Pierce 1975: 47, 48)  
11733 Digitized Records: Santa Rosa (138 LACM)  
11734 Range: Endemic (Pierce 1975).  
11735 Notes. Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as  
11736 restricted to the Channel Islands. Pierce (1975: 47–48) described two subspecies, both

11737 from Santa Rosa Island: *T. s. sanctarosae* Pierce, 1975 and *T. s. astragalensis* Pierce,  
11738 1975.

11739

11740 *Trigonoscuta stantoni* Sleeper, 1975

11741 Nomenclatural Authority: O'Brien & Wibmer (1982)

11742 Literature Records: Santa Cruz (Pierce 1975: 77)

11743 Digitized Records: Santa Cruz (35 SBMNH; 1 iNat)

11744 Range: Endemic (Pierce 1975).

11745 Notes. Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as

11746 restricted to the Channel Islands. This species was described by the editor of the revision

11747 (Pierce 1975) to fill in an island gap that Pierce had postulated should have a species

11748 present.

11749

11750 Naupactini

11751

11752 Notes. Four genera and seven species of Naupactini have been recorded from California

11753 (M Gimmel, unpublished data).

11754

11755 *Naupactus* Dejean, 1821

11756 Nomenclatural Authority: Anderson (2002)

11757 Notes. One species of *Naupactus* is known from California (M Gimmel, unpublished

11758 data).

11759

11760 *Naupactus cervinus* Boheman, 1840

11761 Nomenclatural Authority: O'Brien & Wibmer (1982)

11762 Literature Records: Santa Catalina (Cockerell 1940: 287)

11763 Digitized Records: Santa Catalina (1 LACM; 1 SBMNH; 1 iNat), Santa Cruz (89 LACM)

11764 Range: Also known from mainland (O'Brien & Wibmer 1982).

11765 Notes. Recorded as *Pantomorus fulleri* (Horn) by Cockerell (1940), and often referred to

11766 as *Pantomorus cervinus* in the literature. This species is introduced in North America

11767 (O'Brien & Wibmer 1982).

11768

11769 Otiorhynchini

11770

11771 Notes. Three genera and 13 species of Otiorhynchini have been recorded from California

11772 (O'Brien & Wibmer 1982).

11773

11774 *Otiorhynchus* Germar, 1822

11775 Nomenclatural Authority: Anderson (2002)

- 11776 Notes. Five species of *Otiorhynchus* have been recorded from California (O'Brien &  
11777 Wibmer 1982). A key and distributional summary of the genus in North America was provided  
11778 by Warner & Negley (1976).  
11779
- 11780 *Otiorhynchus cribricollis* Gyllenhal, 1834  
11781 Nomenclatural Authority: O'Brien & Wibmer (1982)  
11782 Literature Records: none  
11783 Digitized Records: San Nicolas (1 SBMNH)  
11784 Range: Also known from mainland (Warner & Negley 1976; O'Brien & Wibmer 1982).  
11785 Notes. This species is adventive in North America from Europe (Warner & Negley  
11786 1976).  
11787
- 11788 *Sciopithes* Horn, 1876  
11789 Nomenclatural Authority: Anderson (2002)  
11790 Notes. Six species of *Sciopithes* have been recorded from California (O'Brien & Wibmer  
11791 1982).  
11792
- 11793 *Sciopithes insularis* Van Dyke, 1935  
11794 Nomenclatural Authority: O'Brien & Wibmer (1982)  
11795 Literature Records: San Clemente (Van Dyke 1935: 91; Miller 1985a: 21; Miller &  
11796 Miller 1985: 131)  
11797 Digitized Records: none  
11798 Range: Endemic (Van Dyke 1935; Miller 1985a).  
11799
- 11800 *Sciopithes setosus* Casey, 1888  
11801 Nomenclatural Authority: O'Brien & Wibmer (1982)  
11802 Literature Records: San Clemente (Fall 1897: 239; Fall 1901: 188), Santa Barbara (Miller  
11803 & Miller 1985: 131)  
11804 Digitized Records: none  
11805 Range: Also known from mainland (Fall 1901).  
11806 Notes. Fall (1897) recorded this species as "var.". Miller & Miller (1985) reported this  
11807 species from *Coreopsis gigantea* on Santa Barbara Island.  
11808
- 11809 Peritelini  
11810
- 11811 Notes. Sixteen genera and 37 species of Peritelini have been recorded from California  
11812 (O'Brien & Wibmer 1982).  
11813
- 11814 *Geodercodes* Casey, 1888  
11815 Nomenclatural Authority: Anderson (2002)

- 11816 Notes. One species of *Geodercodes* occurs in North America (Anderson 2002).  
11817  
11818 *Geodercodes latipennis* Casey, 1888  
11819 Nomenclatural Authority: O'Brien & Wibmer (1982); Anderson (2002)  
11820 Literature Records: Santa Cruz (Polihronakis, Caterino & Chatzimanolis 2010: 940;  
11821 Naughton et al. 2014: 303), Santa Rosa (Polihronakis, Caterino & Chatzimanolis 2010:  
11822 940)  
11823 Digitized Records: San Clemente (8 SBMNH), Santa Cruz (11 SBMNH), Santa Rosa (16  
11824 SBMNH)  
11825 Range: Also known from mainland (O'Brien & Wibmer 1982; Anderson 2002;  
11826 Polihronakis, Caterino & Chatzimanolis 2010).  
11827 Notes. Polihronakis, Caterino & Chatzimanolis (2010) showed that this species is made  
11828 up of sexual and asexual populations across the Coast and Transverse ranges of  
11829 California; the populations on the northern Channel Islands are asexual.  
11830  
11831 *Nemocestes* Van Dyke, 1936  
11832 Nomenclatural Authority: Anderson (2002)  
11833 Notes. This genus contains nine species in California (O'Brien & Wibmer 1982, as  
11834 *Geoderces* Horn, 1876; M Gimmel, unpublished data). Eight of these species were keyed by Van  
11835 Dyke (1936).  
11836  
11837 *Nemocestes* undetermined species  
11838 Literature Records: Santa Cruz (Naughton et al. 2014: 303)  
11839 Digitized Records: Santa Catalina (8 SBMNH), Santa Cruz (6 SBMNH), Santa Rosa (3  
11840 SBMNH)  
11841  
11842  
11843 *Peritelinus* Casey, 1888  
11844 Nomenclatural Authority: Anderson (2002)  
11845 Notes. This genus contains two species in California (O'Brien & Wibmer 1982). These  
11846 were distinguished by Van Dyke (1936).  
11847  
11848 *Peritelinus* undetermined species  
11849 Literature Records: none  
11850 Digitized Records: Anacapa (6 SBMNH)  
11851  
11852 *Stenoptochus* Casey, 1888  
11853 Nomenclatural Authority: O'Brien & Wibmer (1982); Anderson (2002)  
11854 Notes. This genus contains two species in California (O'Brien & Wibmer 1982;  
11855 Anderson 2002). These were distinguished by Van Dyke (1935).

11856

11857 *Stenoptochus* undetermined species

11858 Literature Records: none

11859 Digitized Records: Santa Cruz (1 SBMNH)

11860

11861

## Sitonini

11862

11863 Notes. One genus and nine species of Sitonini have been recorded from California  
11864 (Bright 1994).

11865

11866

*Sitona* Germar, 1817

11867 Nomenclatural Authority: Bright (1994)

11868 Notes. This genus contains nine described species in California (Bright 1994). These  
11869 were revised for North America by Bright (1994).

11870

11871 *Sitona californicus* Fåhraeus, 1840

11872 Nomenclatural Authority: Bright (1994)

11873 Literature Records: San Miguel (Blaisdell 1938: 33; Miller 1985a: 21; Bright 1994: 294  
11874 [map]), Santa Cruz (Bright 1994: 294 [map])11875 Digitized Records: Anacapa (16 LACM), San Miguel (10 LACM; 1 SBMNH), Santa  
11876 Catalina (2 SBMNH), Santa Cruz (5 SBMNH), Santa Rosa (1 SBMNH)

11877 Range: Also known from mainland (Bright 1994).

11878 Notes. This species was described and recorded by Blaisdell (1938) as the purported  
11879 endemic *Sitona cockerelli* Blaisdell, 1938, listed as such by Miller (1985a: 21). Bright  
11880 (1989: 77), however, synonymized this species with *S. californicus*, later recognized with  
11881 the spelling *S. californicus*.

11882

11883

Erirhininae

11884

11885 Notes. Six genera and 10 species of Erirhininae have been recorded from California  
11886 (O'Brien & Anderson 1996; M Gimmel, unpublished data).

11887

11888

*Notiodes* Schoenherr, 1838

11889 Nomenclatural Authority: Anderson (2002)

11890 Notes. Five species of *Notiodes* have been recorded from California (O'Brien &  
11891 Anderson 1996).

11892

11893 *Notiodes aeratus* (LeConte, 1876)

11894 Nomenclatural Authority: O'Brien &amp; Anderson (1996)

11895 Literature Records: none

- 11896 Digitized Records: San Clemente (1 SBMNH)  
11897 Range: Also known from mainland (O'Brien & Anderson 1996).  
11898  
11899 Hyperinae  
11900  
11901 Notes. Two genera and five species of Hyperinae have been recorded from California  
11902 (O'Brien & Wibmer 1982; M Gimmel, unpublished data).  
11903  
11904 *Hypera* Germar, 1817  
11905 Nomenclatural Authority: Anderson (2002)  
11906 Notes. Four introduced species of *Hypera* have been recorded from California (O'Brien  
11907 & Wibmer 1982).  
11908  
11909 *Hypera postica* (Gyllenhal, 1813)  
11910 Nomenclatural Authority: O'Brien & Wibmer (1982)  
11911 Literature Records: none  
11912 Digitized Records: San Clemente (2 SBMNH), San Nicolas (1 SBMNH), Santa Cruz (16  
11913 SBMNH), Santa Rosa (1 SBMNH)  
11914 Range: Also known from mainland (O'Brien & Wibmer 1982).  
11915 Notes. This species is introduced in North America (O'Brien & Wibmer 1982).  
11916  
11917 Lixinae  
11918  
11919 Notes. Three tribes, seven genera, and 30 species of Lixinae are known to occur in  
11920 California (M Gimmel, unpublished data).  
11921  
11922 Cleonini  
11923  
11924 Notes. Two genera and 17 species of Cleonini have been recorded from California  
11925 (Anderson 1988). The species were revised for the New World by Anderson (1988).  
11926  
11927 *Apleurus* Chevrolat, 1873  
11928 Nomenclatural Authority: Anderson (2002)  
11929 Notes. Six species of *Apleurus* are known to occur in California (Anderson 1988).  
11930  
11931 *Apleurus (Apleurus) jacobinus* (Casey, 1891)  
11932 Nomenclatural Authority: Anderson (1988)  
11933 Literature Records: San Miguel (Anderson 1988: 646 [map])  
11934 Digitized Records: San Miguel (1 SBMNH)  
11935 Range: Also known from mainland (Anderson 1988).

11936

11937

*Scaphomorphus* Motschulsky, 1860

11938

Nomenclatural Authority: Anderson (2002)

11939

Notes. This genus contains 12 species in California (Anderson 1988).

11940

11941

*Scaphomorphus americanus* (Csiki, 1934)

11942

Nomenclatural Authority: Anderson (1988); Alonso-Zarazaga &amp; Lyal (1999); Anderson (2002)

11943

11944

Literature Records: San Clemente (Fall 1897: 239; Anderson 1988: 649 [map])

11945

Digitized Records: none

11946

Range: Also recorded from mainland (Anderson 1988).

11947

Notes. This species was recorded by Fall (1897) as *Cleonus basalis* Fall, 1897, which is a junior homonym that was replaced by Csiki (1934) with *Cleonus (Cleonidius)*

11948

*americanus* Csiki, 1934. O'Brien & Wibmer (1982) corrected the name to *Cleonis*

11949

*americanus* (Csiki, 1934); later, Anderson (1988) moved the species to *Cleonidius* Casey,

11950

1891. *Cleonidius* was more recently synonymized under the resurrected *Scaphomorphus*

11951

in Alonso-Zarazaga &amp; Lyal (1999: 192). The species was considered endemic to San

11952

Clemente Island at the time of its original description (Fall 1897).

11953

11954

11955

Rhinocyllini

11956

11957

Notes. Two genera and three species of Rhinocyllini are known to occur in California (M Gimmel, unpublished data).

11958

11959

11960

*Rhinocyllus* Germar, 1817

11961

Nomenclatural Authority: Anderson (2002)

11962

Notes. This genus contains a single species in California (O'Brien &amp; Wibmer 1982).

11963

11964

*Rhinocyllus conicus* (Froelich, 1792)

11965

Nomenclatural Authority: Anderson (2002)

11966

Literature Records: none

11967

Digitized Records: Santa Cruz (1 iNat)

11968

Range: Also known from mainland (O'Brien &amp; Wibmer 1982; Anderson 2002).

11969

Notes. This species was introduced into North America for biological control of *Carduus nutans* L. (Asteraceae) (Anderson 2002).

11970

11971

11972

Molytinae

11973

11974

Notes. Eight tribes, 13 genera, and 24 species of Molytinae have been recorded from California (M Gimmel, unpublished data).

11975

11976

11977

## Conotrachelini

11978

11979

Notes. Two genera and three species of Conotrachelini have been recorded from California (O'Brien & Wibmer 1982).

11981

11982

*Micromastus* LeConte, 1876

11983

Nomenclatural Authority: Anderson (2002)

11984

Notes. This genus contains a single species in California (O'Brien & Wibmer 1982; Anderson 2002).

11986

11987

*Micromastus gracilis* (Boheman, 1859)

11988

Nomenclatural Authority: Anderson (2002)

11989

Literature Records: none

11990

Digitized Records: Santa Catalina (12 SBMNH)

11991

Range: Also known from mainland (O'Brien & Wibmer 1982).

11992

11993

## Emphyastini

11994

11995

Notes. Two genera and two species of Emphyastini have been recorded from California (O'Brien 1997).

11997

11998

*Emphyastes* Mannerheim, 1852

11999

Nomenclatural Authority: Anderson (2002)

12000

Notes. This genus contains a single species in California (O'Brien & Wibmer 1982; Anderson 2002). It was treated in the subfamily Cyclominae by Anderson (2002).

12002

12003

*Emphyastes fucicola* Mannerheim, 1852

12004

Nomenclatural Authority: Anderson (2002)

12005

Literature Records: none

12006

Digitized Records: San Clemente (7 SBMNH), San Nicolas (14 LACM; 5 SBMNH),

12007

Santa Cruz (2 SBMNH), Santa Rosa (1 iNat)

12008

Range: Also known from mainland (O'Brien & Wibmer 1982; Anderson 2002).

12009

Notes. Adults and larvae are associated with buried, decaying seaweed on sandy beaches (Anderson 2002).

12010

12011

12012

*Thalasselephas* Egorov & Korotyaev, 1976

12013

Nomenclatural Authority: Anderson (2002)

12014 Notes. This genus contains a single species in California (Anderson 2002). The genus  
12015 was renamed from *Phycocoetes* LeConte, 1876 as *Neophycocoetes* O'Brien & Wibmer, 1982 in  
12016 O'Brien & Wibmer (1982).

12017

12018 *Thalasselephas testaceus* (LeConte, 1876)

12019 Nomenclatural Authority: Anderson (2002)

12020 Literature Records: none

12021 Digitized Records: San Clemente (4 SBMNH), San Nicolas (11 SBMNH), Santa Rosa (2  
12022 SBMNH)

12023 Range: Also known from mainland (O'Brien & Wibmer 1982; Anderson 2002).

12024 Notes. Adults of this species are found under seaweed on sandy beaches (Anderson  
12025 2002).

12026

12027

### Raymondionyminae

12028

12029 Notes. Three genera and five species of Raymondionyminae have been recorded from  
12030 California (O'Brien & Wibmer 1982).

12031

12032

### *Gilbertiola* Osella, 1982

12033 Nomenclatural Authority: Anderson (2002)

12034 Notes. This genus contains two described species from California (Anderson 2002).

12035

12036 *Gilbertiola* undetermined species

12037 Literature Records: Santa Catalina (Caterino & Chandler 2010: 191)

12038 Digitized Records: Santa Catalina (1 SBMNH)

12039 Notes. This species, represented by a single SBMNH specimen collected on Santa  
12040 Catalina Island, was reported only as the genus *Gilbertiola* by Caterino & Chandler  
12041 (2010).

12042

12043

### Scolytinae

12044

12045 Notes. Two tribes, 49 genera, and 196 species of Scolytinae are known to occur in  
12046 California (Atkinson 2021; M Gimmel, unpublished data). Bright & Stark (1973) reviewed the  
12047 California fauna of Scolytinae, and Wood (1982) reviewed the entire North American fauna  
12048 known at the time. Atkinson (2021) is an excellent online reference for staying up-to-date with  
12049 North American scolytine nomenclature.

12050

12051

### Hylesinini

12052

- 12053 Notes. Sixteen genera and 69 species of Hylesinini are known to occur in California  
 12054 (Atkinson 2021; M Gimmel, unpublished data).
- 12055  
 12056 *Carphoborus* Eichhoff, 1864  
 12057 Nomenclatural Authority: Wood (1982)  
 12058 Notes. Nine species of this genus are reported from California (Atkinson 2021).  
 12059
- 12060 *Carphoborus declivis* Wood, 1954  
 12061 Nomenclatural Authority: Wood (1982)  
 12062 Literature Records: none  
 12063 Digitized Records: Santa Rosa (1 SBMNH)  
 12064 Range: Also known from mainland (Wood 1982).  
 12065
- 12066 *Dendroctonus* Erichson, 1836  
 12067 Nomenclatural Authority: Wood (1982)  
 12068 Notes. Six species of this genus are reported to occur in California (Atkinson 2021).  
 12069
- 12070 *Dendroctonus valens* LeConte, 1859  
 12071 Nomenclatural Authority: Atkinson (2021)  
 12072 Literature Records: none  
 12073 Digitized Records: Santa Cruz (5 SBMNH; 1 UCSB)  
 12074 Range: Also known from mainland (Wood 1982).  
 12075
- 12076 ?Undescribed genus near *Carphobius* Blackman, 1943  
 12077 Nomenclatural Authority: Wood (1982)  
 12078 Notes. The genus *Carphobius* has not been previously reported from California (Atkinson  
 12079 2021), but is known from two species occurring from Arizona to Guatemala (Wood 1982).  
 12080
- 12081 ?Undescribed genus, undescribed species  
 12082 Literature Records: none  
 12083 Digitized Records: San Clemente (1 SBMNH)  
 12084 Range: Endemic (unpublished data).  
 12085 Notes. This specimen belongs to an undescribed species that does not quite fit the generic  
 12086 limits of *Carphobius* and possibly represents a new genus (A Cognato & S Smith, 2021,  
 12087 pers. comm.).  
 12088
- 12089 Scolytini  
 12090
- 12091 Notes. Thirty-three genera and 127 species of Scolytini are known to occur in California  
 12092 (Atkinson 2021; M Gimmel, unpublished data).

12093

12094

*Dendrocranulus* Schedl, 1937

12095

Nomenclatural Authority: Wood (1982)

12096

Notes. One species of *Dendrocranulus* has been recorded from California (Atkinson

12097 2021).

12098

12099

*Dendrocranulus cucurbitae* (LeConte, 1879)

12100

Nomenclatural Authority: Atkinson (2021)

12101

Literature Records: Santa Cruz (Naughton et al. 2014: 303)

12102

Digitized Records: Anacapa (2 SBMNH), San Clemente (3 SBMNH), Santa Catalina (5

12103

SBMNH), Santa Cruz (7 SBMNH), Santa Rosa (10 SBMNH)

12104

Range: Also known from mainland (Wood 1982).

12105

Notes. This species was reported by Naughton et al. (2014) as *Dendrocranulus*

12106

*californicus* (Hopkins, 1915), now considered a junior synonym of *D. cucurbitae* (Wood

12107

1982; Atkinson 2021).

12108

12109

*Gnathotrichus* Eichhoff, 1869

12110

Nomenclatural Authority: Wood (1982)

12111

Notes. This genus is represented in California by five species (Atkinson 2021).

12112

12113

*Gnathotrichus pilosus* (LeConte, 1868)

12114

Nomenclatural Authority: Atkinson (2021)

12115

Literature Records: none

12116

Digitized Records: Santa Cruz (4 SBMNH)

12117

Range: Also known from mainland (Wood 1982).

12118

12119

*Hypothenemus* Westwood, 1836

12120

Nomenclatural Authority: Wood (1982)

12121

Notes. Only three species of this large genus have been recorded from California

12122

(Atkinson 2021).

12123

12124

*Hypothenemus eruditus* Westwood, 1836

12125

Nomenclatural Authority: Atkinson (2021)

12126

Literature Records: none

12127

Digitized Records: San Clemente (1 SBMNH), Santa Catalina (1 SBMNH), Santa Rosa

12128

(11 SBMNH)

12129

Range: Also known from mainland (Wood 1982).

12130

12131

*Ips* DeGeer, 1775

12132

Nomenclatural Authority: Wood (1982)

12133 Notes. Lanier (1970: 1418) hypothesized that *Ips plastographus maritimus* Lanier, 1970  
12134 probably occurred on pines “on the islands off the coast of southern California and Mexico”, but  
12135 this species has not yet been recorded from the Channel Islands.

12136

12137 *Ips paraconfusus* Lanier, 1970

12138 Nomenclatural Authority: Atkinson (2021)

12139 Literature Records: Santa Cruz (Bright & Stark 1973: 92 [map])

12140 Digitized Records: Santa Cruz (1 SBMNH)

12141 Range: Also known from mainland (Bright & Stark 1973; Wood 1982).

12142

12143 *Monarthrum* Kirsch, 1866

12144 Nomenclatural Authority: Wood (1982)

12145 Notes. Three species of this genus are known to occur in California (Atkinson 2021).

12146

12147 *Monarthrum scutellare* (LeConte, 1857)

12148 Nomenclatural Authority: Atkinson (2021)

12149 Literature Records: none

12150 Digitized Records: Santa Cruz (6 SBMNH)

12151 Range: Also known from mainland (Wood 1982).

12152

12153 *Pityophthorus* Eichhoff, 1864

12154 Nomenclatural Authority: Wood (1982)

12155 Notes. Thirty-three species of *Pityophthorus* are known to occur in California (Atkinson  
12156 2021).

12157

12158 *Pityophthorus carmeli* Swaine, 1918

12159 Nomenclatural Authority: Atkinson (2021)

12160 Literature Records: none

12161 Digitized Records: Santa Cruz (10 SBMNH), Santa Rosa (1 SBMNH)

12162 Range: Also known from mainland (Wood 1982).

12163

12164 *Procryphalus* Hopkins, 1915

12165 Nomenclatural Authority: Wood (1982)

12166 Notes. One species of this genus occurs in California (Atkinson 2021).

12167

12168 *Procryphalus utahensis* Hopkins, 1915

12169 Nomenclatural Authority: Atkinson (2021)

12170 Literature Records: none

12171 Digitized Records: San Miguel (1 SBMNH)

12172 Range: Also known from mainland (Wood 1982).

12173

12174

*Pseudips* Cognato, 2000

12175

Nomenclatural Authority: Cognato (2000)

12176

Notes. This genus contains two species occurring in California (Atkinson 2021).

12177

12178

*Pseudips mexicanus* (Hopkins, 1905)

12179

Nomenclatural Authority: Atkinson (2021)

12180

Literature Records: Santa Cruz (Bright &amp; Stark 1973: 86)

12181

Digitized Records: none

12182

Range: Also known from mainland (Bright &amp; Stark 1973).

12183

Notes. Bright & Stark (1973) and Wood (1982) reported this species as *Ips mexicanus*;

12184

however, Cognato (2000) placed this species in the new genus *Pseudips*.

12185

12186

*Pseudopityophthorus* Swaine, 1918

12187

Nomenclatural Authority: Wood (1982)

12188

Literature Records (genus-only): Santa Barbara (Miller &amp; Miller 1985: 132)

12189

Notes. Three species of this genus are known to occur in California (Atkinson 2021).

12190

Miller &amp; Miller (1985) reported an unidentified species of this genus from Santa Barbara Island

12191

that was collected from *Eriophyllum* (Asteraceae).

12192

12193

*Pseudopityophthorus agrifoliae* Blackman, 1931

12194

Nomenclatural Authority: Atkinson (2021)

12195

Literature Records: none

12196

Digitized Records: Santa Cruz (1 SBMNH)

12197

Range: Also known from mainland (Wood 1982).

12198

12199

*Pseudopityophthorus pubipennis* (LeConte, 1857)

12200

Nomenclatural Authority: Atkinson (2021)

12201

Literature Records: none

12202

Digitized Records: Santa Cruz (1 SBMNH), Santa Rosa (1 SBMNH)

12203

Range: Also known from mainland (Wood 1982).

12204

12205

*Stenoclyptus* Blackman, 1943

12206

Nomenclatural Authority: Wood (1982); Atkinson (2021)

12207

Notes. One species of this genus is known from California (Atkinson 2021). The name of  
12208 this genus was misspelled “*Stenocleptus*” in Wood (1982).

12209

12210

*Stenoclyptus sulcatus* (Bruck, 1936)

12211

Nomenclatural Authority: Atkinson (2021)

12212

Literature Records: none

- 12213 Digitized Records: Santa Rosa (11 SBMNH)  
 12214 Range: Also known from mainland (Wood 1982).  
 12215  
 12216 *Xyleborinus* Reitter, 1913  
 12217 Nomenclatural Authority: Wood (1982)  
 12218 Notes. One species of this genus is known from California (Atkinson 2021).  
 12219  
 12220 *Xyleborinus saxesenii* (Ratzeburg, 1837)  
 12221 Nomenclatural Authority: Atkinson (2021)  
 12222 Literature Records: none  
 12223 Digitized Records: Santa Cruz (9 SBMNH), Santa Rosa (1 SBMNH)  
 12224 Range: Also known from mainland (Wood 1982; Rabaglia et al. 2006).  
 12225 Notes. This species was probably introduced to North America from Asia (Rabaglia et al.  
 12226 2006).  
 12227

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 12243

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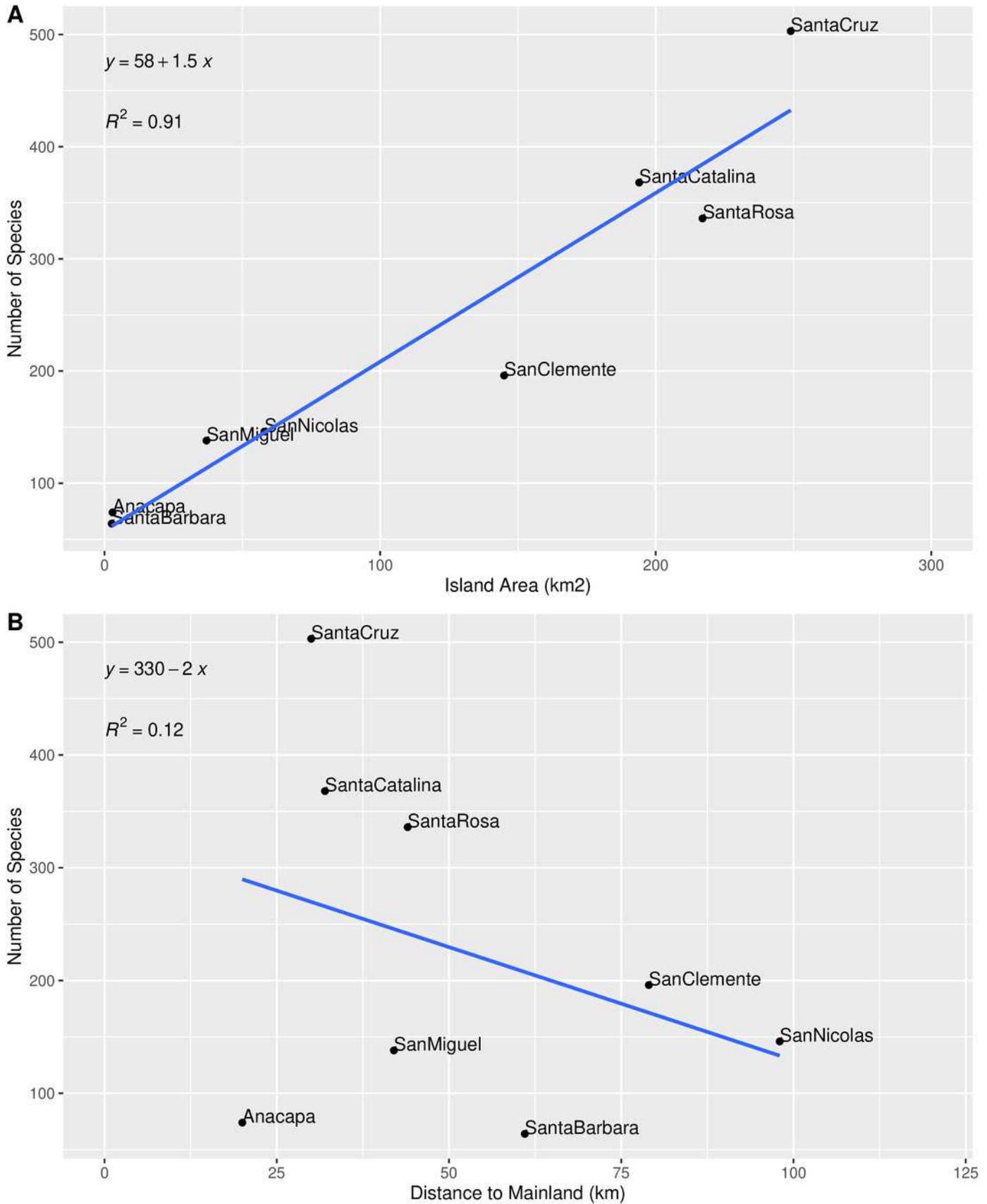
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# Figure 1

Species by island size and position.

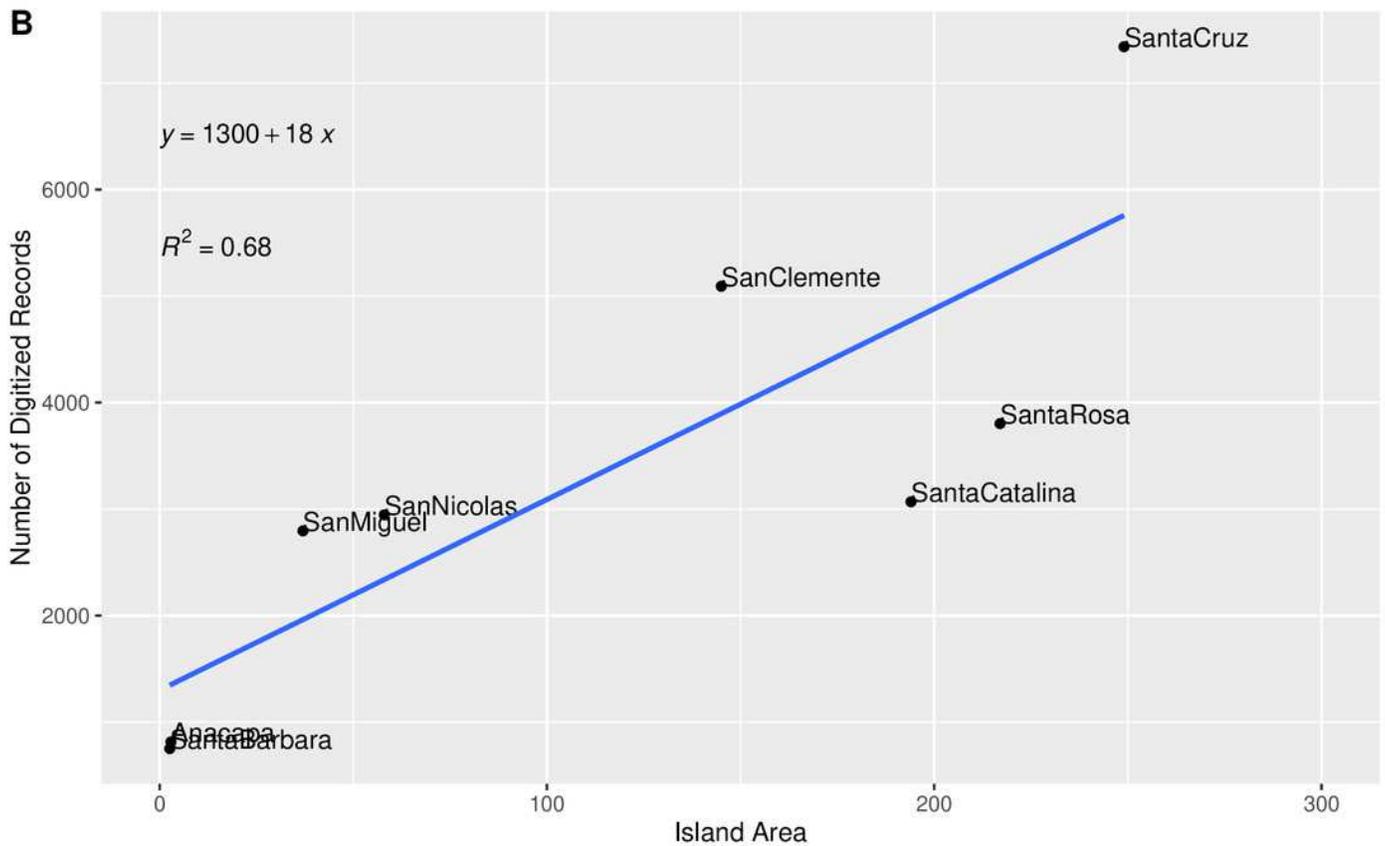
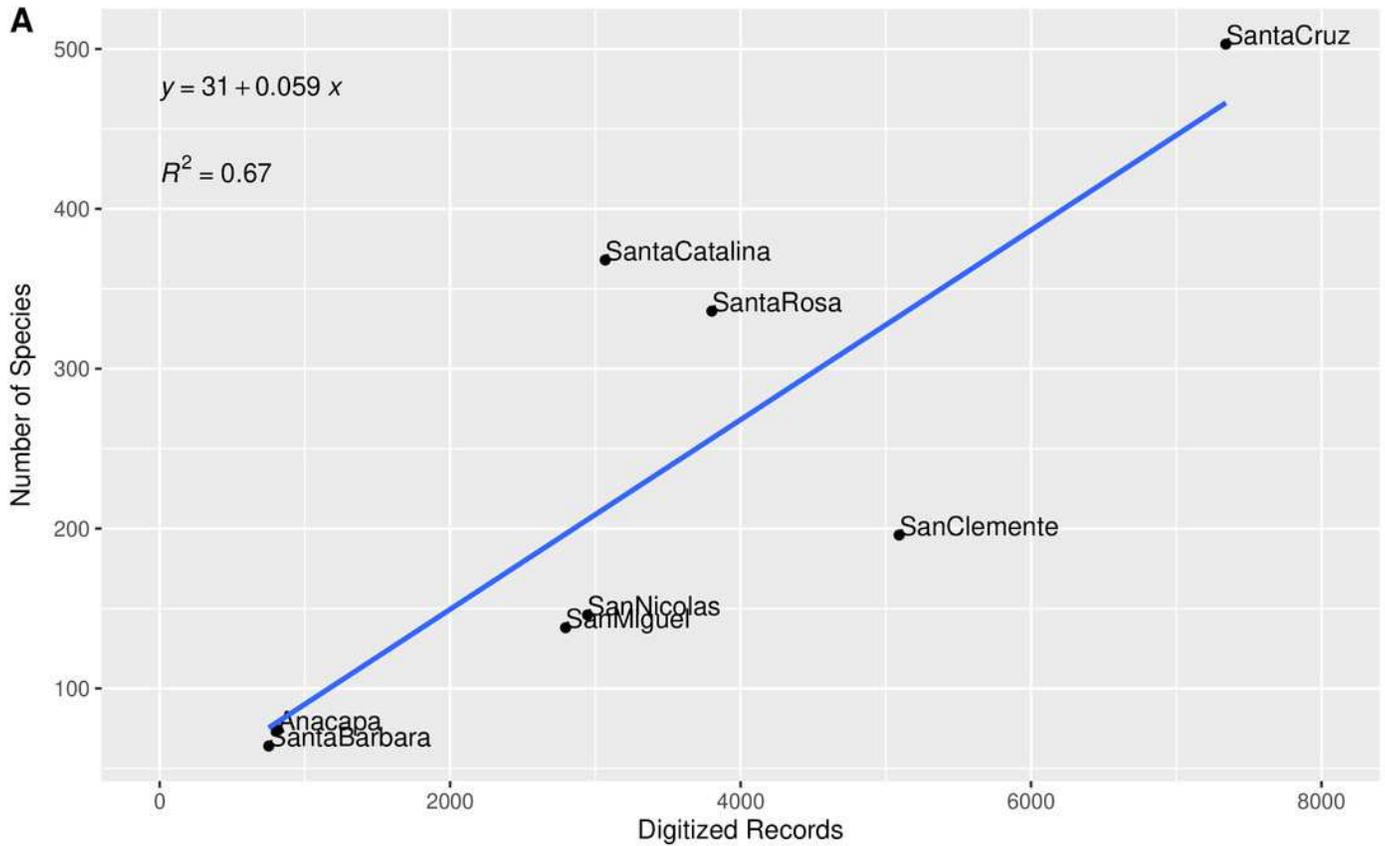
A) Plotted against total area (km<sup>2</sup>). B) Plotted against distance to mainland (km).



## Figure 2

Correlation of digitized specimen records to number of species and island size.

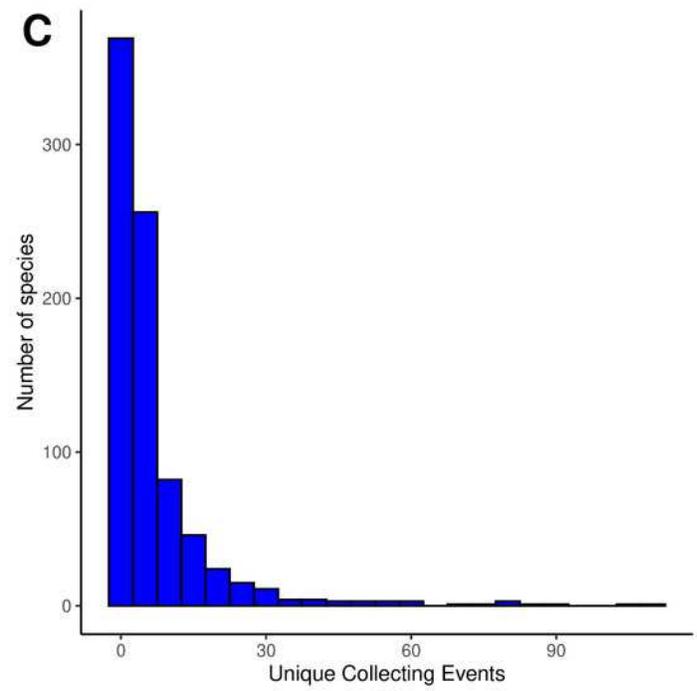
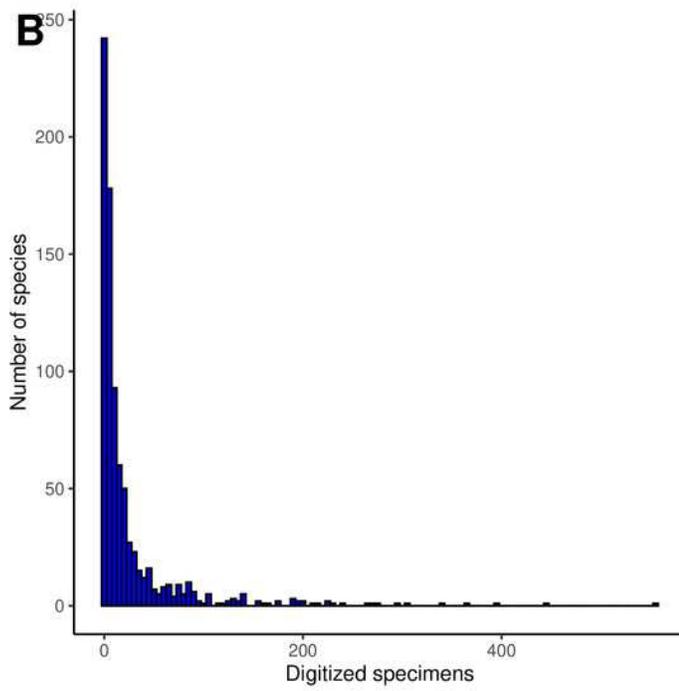
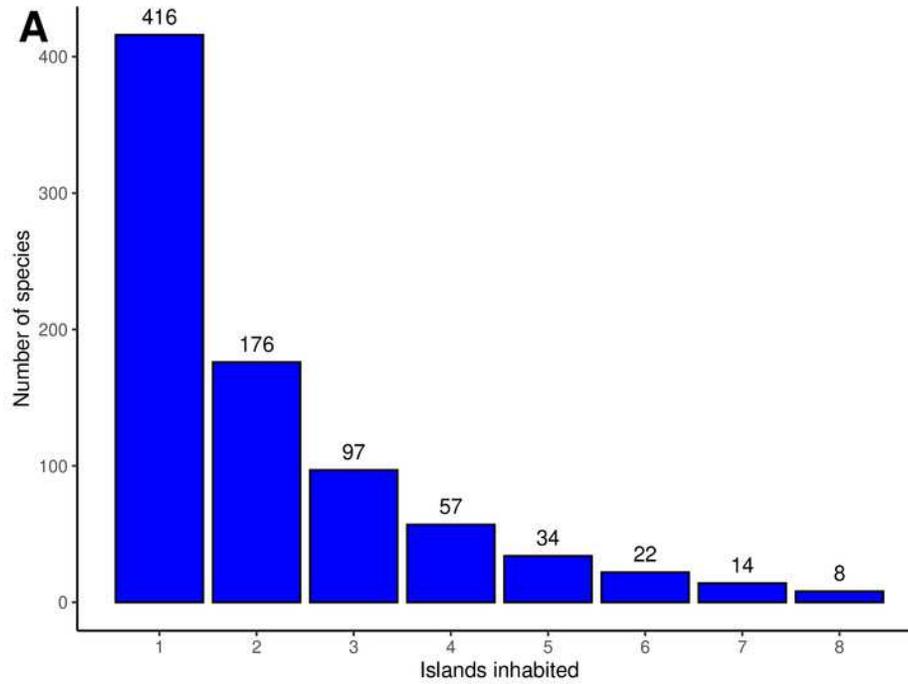
A) Species by digitized records. B) Digitized records by island area.



## Figure 3

Species distribution and collection frequency.

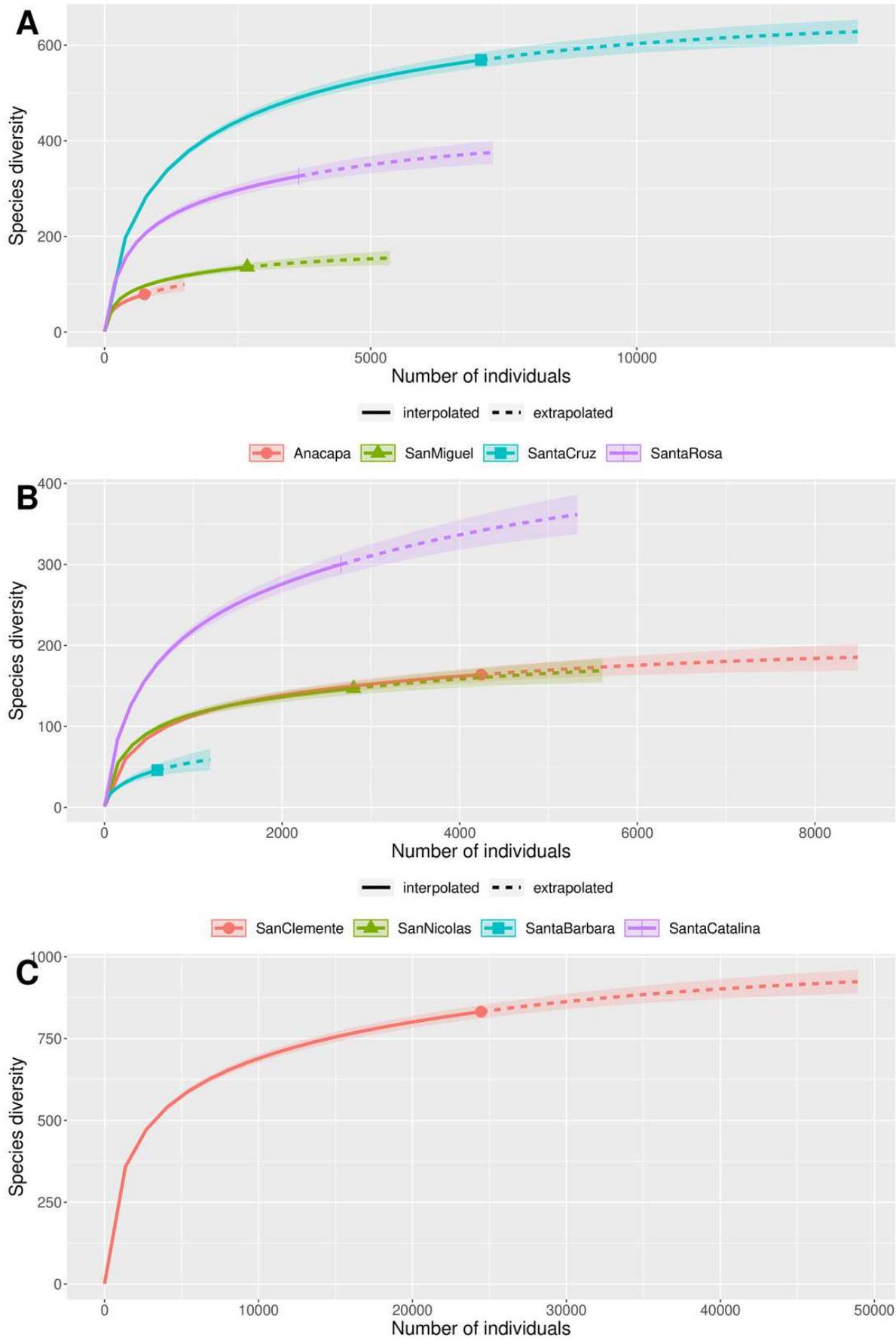
- A) Number of islands each species inhabits. B) Raw number of digitized records per species.
- C) Unique collecting events per species.



## Figure 4

Species diversity rarefaction and estimation curves.

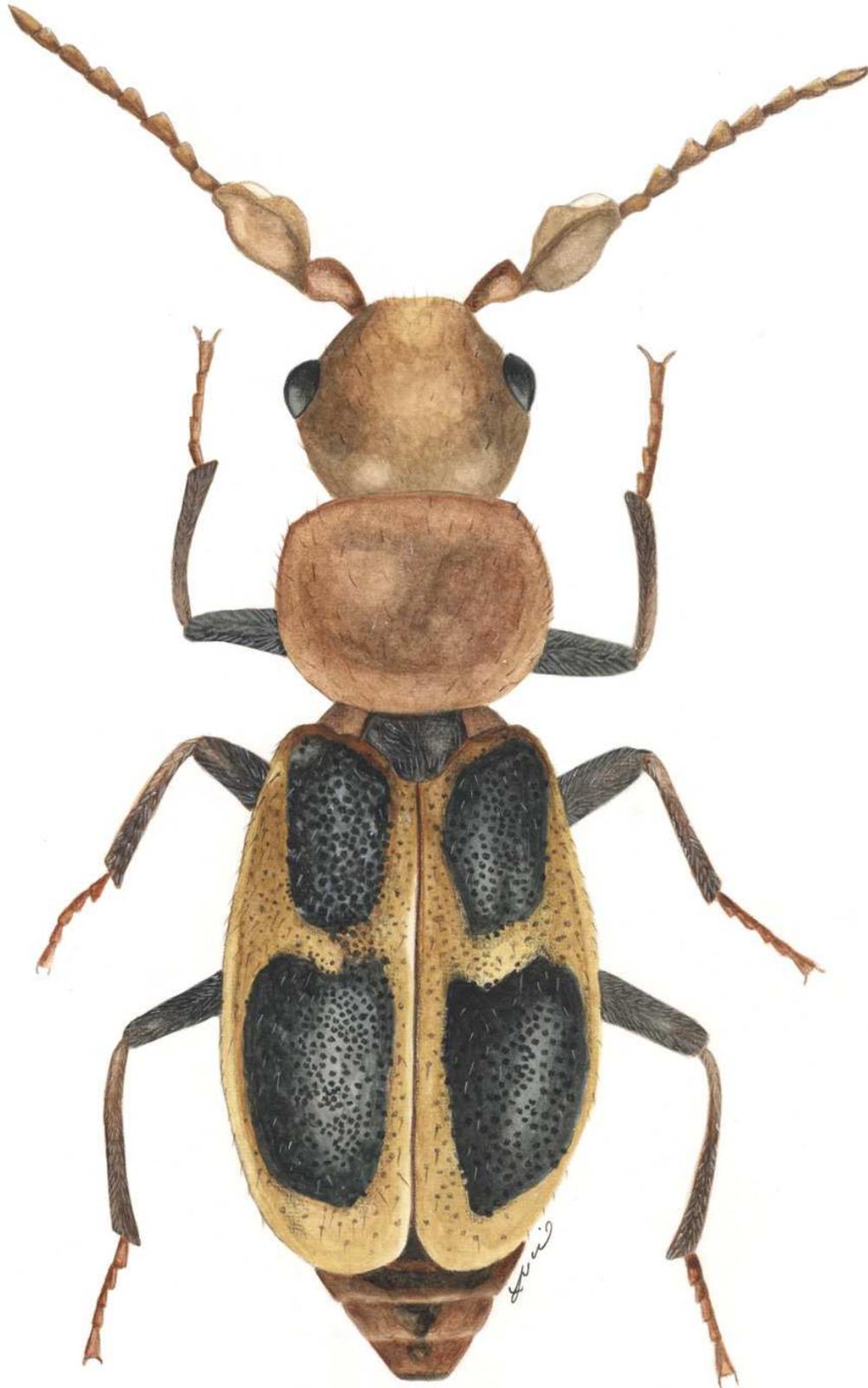
A) North islands. B) South islands. C) All islands combined.



## Figure 5

*Collops crusoae* Fall, 1910 (Melyridae).

Painting of endemic California Channel Islands species. Painting by Lucie Gimmel.



**Table 1** (on next page)

California Channel Island statistics.

Species and DigRecords (digitized records) are counts from the checklist and dataset reported in this study. Area and distance from mainland for each island are taken from Miller (1985).

1 **Table 1:**2 **California Channel Island statistics.**

3 Species and DigRecords (digitized records) are counts from the checklist and dataset reported in  
4 this study. Area and distance from mainland for each island are taken from Miller (1985).

5

Islands	Species	DigRecords	Area (km <sup>2</sup> )	Distance (km)
Anacapa	74	814	2.9	61
San Clemente	196	5092	145	79
San Miguel	138	2795	37	42
San Nicolas	146	2946	58	98
Santa Barbara	64	751	2.6	61
Santa Catalina	368	3068	194	32
Santa Cruz	503	7341	249	30
Santa Rosa	336	3802	217	44

6

**Table 2** (on next page)

Species richness estimates using rarefaction and estimation.

Observed and estimated taxa are from rarefaction analyses based upon digitized records (excludes taxa only known from literature records). Estimated percent complete is the proportion of the estimated taxa already observed. s.e. = standard error; LCL and UCL are lower and upper 95% confidence levels, respectively.

**Table 2:****Species richness estimates using rarefaction and estimation.**

Observed and estimated taxa are from rarefaction analyses based upon digitized records (excludes taxa only known from literature records). Estimated percent complete is the proportion of the estimated taxa already observed. s.e. = standard error; LCL and UCL are lower and upper 95% confidence levels, respectively.

<b>Islands</b>	<b>Observed Taxa</b>	<b>Estimated Taxa</b>	<b>Estimated % complete</b>	<b>s.e.</b>	<b>95% LCL</b>	<b>95% UCL</b>
San Clemente	164	197.992	82.8%	15.424	178.557	243.374
San Nicolas	147	186.371	78.9%	18.771	163.215	242.59
Santa Barbara	46	72.955	63.1%	17.593	54.386	132.636
Santa Catalina	300	418.221	71.7%	34.606	367.396	507.375
Anacapa	79	127.221	62.1%	27.169	96.231	213.95
San Miguel	136	164.254	82.8%	13.35	147.721	204.106
Santa Cruz	569	648.879	87.7%	20.09	618.162	698.79
Santa Rosa	326	406.031	80.3%	24.022	371.004	468.318
all combined	832	966.744	86.1%	28.507	921.412	1035.061

**Table 3**(on next page)

List of California Channel Islands beetles.

The sequence of suborders, superfamilies, and families corresponds to the sequence in the Annotated Checklist; the sequence of genera and species is alphabetical within families. Taxa are marked as “undet. sp.” for undetermined species that simply have not been identified to lower rank and “undesc. sp.” for undescribed species where the specimens have been specifically identified to an unnamed new taxon. “Duplicate genus record” means that the line is not counted as a unique taxon but contains additional island records for the given genus. “Endemic” = nominal species that are purportedly restricted to the Channel Islands. “Adventive” marks species whose native ranges do not include southern California. In the columns representing each of the eight Channel Islands, “D” = digitized records anchoring the species-by-island presence, “L” = literature records.

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**Table 3:**

**List of California Channel Islands beetles.** The sequence of suborders, superfamilies, and families corresponds to the sequence in the Annotated Checklist; the sequence of genera and species is alphabetical within families. Taxa are marked as “undet. sp.” for undetermined species that simply have not been identified to lower rank and “undesc. sp.” for undescribed species where the specimens have been specifically identified to an unnamed new taxon. “Duplicate genus record” means that the line is not counted as a unique taxon but contains additional island records for the given genus. “Endemic” = nominal species that are purportedly restricted to the Channel Islands. “Adventive” marks species whose native ranges do not include southern California. In the columns representing each of the eight Channel Islands, “D” = digitized records anchoring the species-by-island presence, “L” = literature records.

Scientific Name	Duplicate genus record	Endemic	Adventive	Anacapa	San Clemente	San Miguel	San Nicolas	Santa Barbara	Santa Catalina	Santa Cruz	Santa Rosa
<b>ADEPHAGA</b>											
<b>Carabidae</b>											
<i>Agonum decorum</i>										D,L	
<i>Agonum limbatum</i>						D			D,L	D	D
<i>Agonum piceolum</i>										D	
<i>Agonum punctiforme</i>					D	D	D				
<i>Akephorus marinus</i>						D	D			D	D,L
<i>Amara aurata</i>					D,L					D	
<i>Amara californica</i>				D	D,L	D	D			D,L	D,L
<i>Amara conflata</i>										D	
<i>Amara insignis</i>									D,L	D	L
<i>Amara insularis</i>		yes		D	D,L	D	D,L	D,L	D	D	D,L
<i>Amara pomona</i>										L	L
<i>Amara scitula</i>						D					
<i>Anchomenus funebris</i>					L				L	D,L	
<i>Anisodactylus californicus</i>					D	D,L	D		D,L	D,L	D,L
<i>Anisodactylus consobrinus</i>									L	D,L	D,L
<i>Anisodactylus similis</i>										D,L	D
<i>Apristus</i>	yes										D
<i>Apristus pugetanus</i>										D	
<i>Axinopalpus biplagiatus</i>										D	D
<i>Bembidion corgenoma</i>						D				D,L	D,L
<i>Bembidion ephippigerum</i>							D		L		
<i>Bembidion indistinctum</i>							L				L
<i>Bembidion insulatum</i>					L						
<i>Bembidion iridescens</i>									L		
<i>Bembidion laticeps</i>					D						
<i>Bembidion palosverdes</i>		?yes							D,L		
<i>Bembidion platynoides</i>											L
<i>Bembidion striola</i>					L				L		
<i>Bembidion versicolor</i>					L						

<i>Brachinus costipennis</i>					L	D,L	D
<i>Brachinus gebhardis</i>					D	D,L	D
<i>Brachinus mexicanus</i>						D,L	
<i>Brachinus quadripennis</i>						L	
<i>Bradycellus californicus</i>		D	D	D	D	D	D,L
<i>Bradycellus nitidus</i>			D	D	D,L	D,L	D,L
<i>Bradycellus rupestris</i>		D		D	L	D	D
<i>Bradycellus sejunctus</i>			D				
<i>Calathus ruficollis</i>	D,L	L	D,L		D,L	D,L	D,L
<i>Calosoma eremicola</i>		D,L			D,L		
<i>Calosoma parvicolle</i>					L		
<i>Calosoma semilaeve</i>				L	L	D,L	D
<i>Chlaenius cumatilis</i>						D,L	D
<i>Chlaenius obsoletus</i>					L	D	
<i>Chlaenius tricolor</i>						D	
<i>Chlaenius variabilipes</i>					D	D,L	D
<i>Dicheirus dilatatus</i>		D,L	D		D,L	D,L	D,L
<i>Dicheirus piceus</i>	D	D,L			D,L	D	D,L
<i>Dromius piceus</i>	D					D	
<i>Dyschirius aratus</i>							D
<i>Dyschirius consobrinus</i>							D
<i>Dyschirius gibbipennis</i>			D			D	D,L
<i>Dyschirius varidens</i>						D	
<i>Elaphropus undet. sp.</i>						D	
<i>Harpalus</i>	yes	D					
<i>Harpalus caliginosus</i>						D	D
<i>Harpalus pensylvanicus</i>						D	
<i>Lachnophorus elegantulus</i>						D	
<i>Laemostenus complanatus</i>				D	D		
<i>Lebia cyanipennis</i>						D	D
<i>Lebia perita</i>						D	
<i>Microlestes undet. sp.</i>							D
<i>Notiophilus semiopacus</i>					L	D	
<i>Omophron dentatum</i>					D	D,L	D,L
<i>Phrypeus rickseckeri</i>						D	
<i>Platynus brunneomarginatus</i>		D	D		D,L	D,L	D,L
<i>Poecilus laetulus</i>		D			D,L	L	L
<i>Pterostichus gliscans</i>	yes	L	D				
<i>Pterostichus illustris</i>					D		
<i>Pterostichus inermis</i>						D	
<i>Pterostichus isabellae</i>		L			L		
<i>Pterostichus jacobinus</i>					D		
<i>Pterostichus lustrans</i>						D,L	
<i>Pterostichus menetriesii</i>			D			D	L
<i>Scaphinotus crenatus</i>			D		D	D	D
<i>Scaphinotus punctatus</i>					D,L		
<i>Scaphinotus ventricosus</i>					D,L		
<i>Schizogenius depressus</i>						D	L
<i>Stenolophus anceps</i>			D			D	D

<i>Stenolophus flavipes</i>					D	D	D
<i>Stenolophus limbalis</i>					L		
<i>Stenolophus lineola</i>	D					D	D,L
<i>Stenolophus ochropezus</i>						D	
<i>Stenolophus rugicollis</i>			D				
<i>Tachys corax</i>		L		D			
<i>Tachys vittiger</i>						L	
<i>Tachys vorax</i>							D
<i>Tanystoma cuyama</i>							D
<i>Tanystoma maculicolle</i>	L	D,L	D,L	D,L	D,L	D,L	D,L
<i>Thalassotrechus barbarae</i>			D			D	
<b>Cicindelidae</b>							
<i>Cicindela hirticollis</i>						L	L
<i>Cicindela oregona</i>	D,L		D,L	D,L		L	D,L
<i>Cicindela senilis</i>			D,L				
<i>Cicindelidia hemorrhagica</i>				D,L			D,L
<i>Cicindelidia trifasciata</i>						D,L	
<b>Dytiscidae</b>							
<i>Agabinus glabrellus</i>						D,L	D,L
<i>Agabinus sculpturellus</i>							L
<i>Agabus obsoletus</i>			D				
<i>Dytiscus marginicollis</i>		D				D,L	
<i>Eretes sticticus</i>						D	
<i>Hydrovatus brevipes</i>							L
<i>Hygrotus lutescens</i>		D		D		D,L	D
<i>Ilybiosoma lugens</i>				D		D,L	D
<i>Ilybiosoma regolare</i>							D
<i>Ilybiosoma seriatum</i>							D
<i>Ilybius discors</i>							L
<i>Ilybius lineellus</i>							D
<i>Ilybius walsinghamsi</i>		L					
<i>Laccophilus fasciatus</i>		D				D,L	
<i>Laccophilus maculosus</i>						D,L	
<i>Leconectes striatellus</i>		D	D			D,L	D
<i>Liodessus obscurellus</i>			D			D	D
<i>Neoclypeodytes pictodes</i>							D
<i>Rhantus gutticollis</i>		D,L		D		D,L	D,L
<i>Sanfilippodytes barbarensis</i>						D	D
<i>Sanfilippodytes latebrosus</i>						D	D
<i>Sanfilippodytes vilis</i>			D	D		L	L
<i>Sanfilippodytes williami</i>						L	D
<i>Uvarus subtilis</i>							D
<b>Gyrinidae</b>							
<i>Gyrinus plicifer</i>						D	D,L
<b>Haliplidae</b>							
<i>Haliplus undet. sp.</i>						D	
<i>Peltodytes simplex</i>						D,L	D,L
<b>MYXOPHAGA</b>							
<b>Hydroscaphidae</b>							

<i>Hydroscapha natans</i>						D,L	D
<b>Sphaeriusidae</b>							
<i>Sphaerius politus</i>						D	D
<b>SCIRTOIDEA</b>							
<b>Scirtidae</b>							
Undet. genus, undet. sp.						L	
<b>CLAMBOIDEA</b>							
<b>Clambidae</b>							
<i>Clambus</i> undet. sp.							D
<i>Loricaster rotundus</i>			D			D	
<b>DASCILLOIDEA</b>							
<b>Dascillidae</b>							
<i>Anorus piceus</i>			D			D	D
<b>Rhipiceridae</b>							
<i>Sandalus cribricollis</i>						D	
<b>BUPRESTOIDEA</b>							
<b>Buprestidae</b>							
<i>Acmaeodera hepburnii</i>						D,L	D,L
<i>Acmaeodera mariposa</i>							D
<i>Acmaeodera prorsa</i>						D	D,L
<i>Agrilus quadriguttatus</i>							D
<i>Anthaxia aeneogaster</i>							D
<i>Buprestis aurulenta</i>							D,L
<i>Chrysobothris mali</i>						D	D
<i>Melanophila consputa</i>						D	
<b>DRYOPOIDEA</b>							
<b>Dryopidae</b>							
<i>Postelichus productus</i>						L	
<b>Elmidae</b>							
<i>Ordobrevia nubifera</i>							L
<b>Heteroceridae</b>							
<i>Heterocerus</i>	yes		D	D		D	D
<i>Heterocerus mexicanus</i>							D,L
<b>Limnichidae</b>							
<i>Limnichites nebulosus</i>							D
<b>ELATEROIDEA</b>							
<b>Cantharidae</b>							
<i>Cultellunguis americanus</i>						L	
<i>Cultellunguis hatchi</i>						L	D,L
<i>Frostia laticollis</i>							D,L
<i>Pacificanthia consors</i>						D	D,L
<i>Podabrus pruinosus</i>							D
<i>Podabrus</i> undet. sp.							D
<i>Silis</i>	yes						D
<i>Silis carmelita</i>							D
<b>Elateridae</b>							
<i>Ampedus longicornis</i>						D,L	
<i>Ampedus rhodopus</i>							D
<i>Anchastus cinereipennis</i>			D	D,L	L	D	D
<i>Athous axillaris</i>							D
<i>Athous nigropilis</i>						D	
<i>Athous rufiventris</i>						D	D

<i>Cardiophorus</i>	yes							D	
<i>Cardiophorus tenebrosus</i>								D	
<i>Dalopius</i>	yes				D				
<i>Dalopius luteolus</i>								D	
<i>Dalopius undet. sp.</i>								D	
<i>Elater lecontei</i>								D	
<i>Euthysanius lautus</i>								D	
<i>Hemicrepidius californicus</i>			D	D					
<i>Hemicrepidius tumescens</i>								L	
<i>Heteroderes amplicollis</i>	yes							D	
<i>Horistonotus inanus</i>						D	D		
<i>Limonius canus</i>			D					D	
<i>Melanactes densus</i>						D			
<i>Melanotus longulus</i>						D,L	D	D	
<i>Octinodes frater</i>							D		
<i>Paradonus inops</i>							D		
<b>Eucnemidae</b>									
<i>Asiocnemis hospitalis</i>									D,L
<b>Lampyridae</b>									
<i>Pterotus obscuripennis</i>							D		
<i>Pyropyga nigricans</i>								D	D
<b>Phengodidae</b>									
<i>Zarhipis integripennis</i>							D		
<b>Throscidae</b>									
<i>Trixagus sericeus</i>								D	
<b>HISTEROIDEA</b>									
<b>Histeridae</b>									
<i>Aphelosternus interstitialis</i>								L	
<i>Bacanius undet. sp.</i>								D,L	
<i>Carcinops opuntiae</i>								D	
<i>Euspilotus scissus</i>			D	D				D	D
<i>Euspilotus sp. near laridus</i>								L	
<i>Geomysaprinus undet. sp.</i>								D	D
<i>Halacritus maritimus</i>			D	D					
<i>Hololepta vicina</i>								L	
<i>Hypocaccus bigemmeus</i>			D	D	D			D	D
<i>Hypocaccus gaudens</i>				D	D			D	D
<i>Hypocaccus lucidulus</i>			D,L	D,L	D,L			D,L	D,L
<i>Hypocaccus serrulatus</i>								D	
<i>Iliotona cacti</i>				D					
<i>Margarinotus sexstriatus</i>								D,L	L
<i>Neopachylopus sulcifrons</i>			D	D	D,L			D	D
<i>Plegaderus undet. sp.</i>								D	
<i>Saprinus lugens</i>			L	D	D,L	D,L		D	D,L
<i>Saprinus oregonensis</i>								L	
<i>Xerosaprinus fimbriatus</i>								L	
<i>Xerosaprinus lubricus</i>			L					D,L	D,L
<i>Xerosaprinus vitiosus</i>								L	
<b>HYDROPHILOIDEA</b>									
<b>Helophoridae</b>									



<i>Coenonycha clypeata</i>	yes									D,L
<i>Coenonycha fulva</i>	yes		D							D,L
<i>Coenonycha santacruzae</i>	yes									D,L
<i>Cotinis mutabilis</i>										D
<i>Cremastocheilus schaumii</i>										D,L
<i>Cyclocephala borealis</i>				L						L
<i>Cyclocephala hirta</i>										D
<i>Cyclocephala longula</i>				L		L				L L
<i>Cyclocephala melanocephala</i>						L				L L
<i>Cyclocephala pasadenae</i>						L				L L
<i>Dichelonyx backii</i>										D
<i>Dichelonyx fulgida</i>										L
<i>Dichelonyx pusilla</i>						D,L				D,L D,L
<i>Diplotaxis fimbriata</i>				L						L
<i>Diplotaxis subangulata</i>				D,L						D,L D,L
<i>Hoplia callipyge</i>										D,L
<i>Labarrus pseudolividus</i>			D	D,L	D,L	D		L	D,L	D,L D,L
<i>Otophorus haemorrhoidalis</i>		yes								D
<i>Phobetus</i>	yes			D,L		D	L			D
<i>Phobetus ciliatus</i>	yes								D,L	
<i>Phobetus testaceus</i>	yes									D,L
<i>Phyllophaga mucorea</i>				L						
<i>Planolinellus vittatus</i>						D,L				D,L
<i>Polyphylla</i>	yes				L					
<i>Polyphylla crinita</i>									D	D,L L
<i>Polyphylla nigra</i>									D	D,L L
<i>Rugaphodius rugatus</i>						D,L				D,L
<i>Serica alternata</i>				L		L	L			
<i>Serica catalina</i>	yes								L	
<i>Serica cruzi</i>	yes									D,L
<i>Serica mixta</i>				L	L	L				L L
<i>Tesarius mcclayi</i>						D				D
<i>Tomarus gibbosus</i>				D,L	D,L	D,L				D D,L
<b>Trogidae</b>										
<i>Trox atrox</i>				D,L						
<i>Trox gemmulatus</i>				D,L						
<b>STAPHYLINOIDEA</b>										
<b>Colonidae</b>										
<i>Colon forceps</i>										D
<b>Hydraenidae</b>										
<i>Hydraena</i>	yes			D						D
<i>Hydraena arenicola</i>										L
<i>Hydraena circulata</i>										L
<i>Hydraena vandykei</i>										L
<i>Ochthebius</i>	yes			D	D	D				D
<i>Ochthebius discretus</i>									L	
<i>Ochthebius interruptus</i>										L
<i>Ochthebius puncticollis</i>										D,L
<b>Leiodidae</b>										

<i>Agathidium pulchrum</i>									D
<i>Agathidium virile</i>			D						D
<i>Leiodes antennata</i>									D
<i>Leiodes paludicola</i>									D
<i>Pinodytes gibbosus</i>								D,L	D,L D,L
<b>Ptiliidae</b>									
<i>Acrotrichis</i> undet. sp.									D D
<i>Actidium</i> undet. sp.									D
<i>Motschulskium sinuatocolle</i>			D		D			D	
<i>Ptenidium</i> undet. sp.									D
<i>Pteryx</i> undet. sp.									D D
<i>Ptiliolium</i> undet. sp.			D					D	D
<b>Staphylinidae</b>									
<i>Acrotona</i>	yes				D				D
<i>Acrotona recondita</i>									L
<i>Acrotona sonomana</i>									L
<i>Actium californicum</i>									L
<i>Actium vestigialis</i>	yes								D,L
<i>Adota maritima</i>									L
<i>Aleochara bimaculata</i>			L						L
<i>Aleochara curtidens</i>								L	
<i>Aleochara densissima</i>									L
<i>Aleochara fumata</i>		yes							L
<i>Aleochara lanuginosa</i>		yes							D,L
<i>Aleochara littoralis</i>						L		L	
<i>Aleochara sulcicollis</i>			D	D,L	D,L			D	D,L D,L
<i>Aleochara valida</i>			D	D				L	D
<i>Aploderus</i>	yes								D D
<i>Aploderus flavipennis</i>									L
<i>Apocellus analis</i>									L
<i>Astenus</i> undet. sp.			D						D
<i>Atheta hampshirensis</i>					D				
<i>Belonuchus ephippiatus</i>					D			D	
<i>Bisnius albionicus</i>					D				D
<i>Bisnius sordidus</i>		yes				D			D
<i>Bledius albonotatus</i>					D,L	D,L		D	D D
<i>Bledius fenyesei</i>			D		D,L	D,L		D	D,L D
<i>Bledius opacifrons</i>									D D
<i>Bledius ruficornis</i>					D,L				D D
<i>Blepharhymenus</i> undet. sp.			D						D D
<i>Brachycephus</i> undet. sp.								L	D,L D
<i>Bryoporus rufescens</i>			D						D,L D
<i>Bryothinusa catalinae</i>									D,L
<i>Cafius canescens</i>					D	D,L		L	D D
<i>Cafius lithocharinus</i>			D	D	D,L			D	D D,L
<i>Cafius luteipennis</i>			D	D	D			D,L	D D,L
<i>Cafius opacus</i>								L	
<i>Cafius seminitens</i>			D	D,L	D,L				D D
<i>Cafius sulcicollis</i>			D						L D,L

<i>Carpelimus</i> undet. sp.				D		D		D	D	D
<i>Cephennium urbanum</i>								D,L		
<i>Creophilus maxillosus</i>				D,L				L	D	D
<i>Diaulota fulviventris</i>									D	D
<i>Diestota</i> undet. sp.				D	D	D		D	D	D
<i>Erichsonius puncticeps</i>						D		L	D	D
<i>Euconnus</i> undet. sp.				D				D		D
<i>Falagriota occidua</i>									D,L	D
<i>Gabrius</i>	yes								D	
<i>Gabrius nigrifulus</i>		yes				D		L		
<i>Gnypeta</i> undet. sp.									D	D
<i>Habrocerus capillaricornis</i>		yes							D	
<i>Hadrotes crassus</i>			D	D,L	D	D,L		D,L	D,L	D,L
<i>Hesperotychus</i> undet. sp.								D,L		
<i>Heterosilpha ramosa</i>				D	L				D,L	D,L
<i>Heterothops conformis</i>								D	D,L	D
<i>Heterothops fusculus</i>								L		
<i>Holobus</i> undet. sp.								D		
<i>Hydrosmeeta</i> undet. sp.									D	
Leptotyphlinae undet. sp.									D	
<i>Linohesperus</i>	yes			D				D		
<i>Linohesperus borealis</i>									L	D
<i>Linohesperus cuspifer</i>									L	
<i>Lobrathium</i>	yes								D	
<i>Lobrathium jacobinum</i>										L
<i>Lordithon thoracicus</i>								D	D	
<i>Medon</i> undet. sp.				D	D			D	D,L	D
<i>Meoticina</i> undet. sp.									D	
<i>Mycetoporus neotomae</i>								D	D	
<i>Myllaena</i> undet. sp.						D		D	D	D
<i>Neobisnius occidentoides</i>				D,L				D	D	D
<i>Neobisnius sobrinus</i>										D
<i>Neobisnius terminalis</i>									D	
<i>Nicrophorus guttula</i>				D,L				D		D
<i>Nicrophorus marginatus</i>						D				
<i>Nicrophorus nigrata</i>			L	L			L	D,L	D,L	D,L
<i>Nitidotachinus agilis</i>									D	D
<i>Nudobius pugetanus</i>									D	
<i>Oligota</i> undet. sp.						D			D	D
<i>Omalium algarum</i>						D				
<i>Oropus</i> undet. sp.								L	D,L	
<i>Orus</i> undet. sp.									D	
<i>Oxypoda</i> undet. sp.								D	D	D
<i>Palporus nitidulus</i>						D			D	
<i>Philonthus cruentatus</i>		yes					D	D,L	D	D
<i>Philonthus davus</i>									D	D
<i>Philonthus flavolimbatus</i>								D		
<i>Philonthus hepaticus</i>								D		
<i>Philonthus lecontei</i>										L

<i>Philonthus longicornis</i>	yes				L			
<i>Philonthus quadrulus</i>						D		
<i>Philonthus triangulum</i>					L			
<i>Phloeopora</i> undet. sp.						D		
<i>Platystethus americanus</i>								D
<i>Pontomalota opaca</i>			D,L	D				D
<i>Pseudopsis</i>	yes				L			
<i>Pseudopsis minuta</i>						D,L		
<i>Quedius limbifer</i>						D,L	D	
<i>Sepedophilus castaneus</i>						D	D	
<i>Sonoma</i>	yes					D,L		
<i>Sonoma isabellae</i>			D,L			D,L		
<i>Sonomota</i> undet. sp.			D				D	
<i>Stenichnus</i> undet. sp.						D,L		
<i>Stictalia</i> undet. sp.			D				D	D
<i>Sunius</i>	yes				L			
<i>Sunius mobilis</i>						L		
<i>Sunius reductus</i>						L		
<i>Tachinus debilis</i>							D	
<i>Tachyporus</i>	yes			L				
<i>Tachyporus californicus</i>			D	D		L	D	D,L
<i>Tarphiota fucicola</i>				D	D		D	D
<i>Tarphiota geniculata</i>			D	D	D		D	D
<i>Tasgius ater</i>	yes		D,L	D	L			D
<i>Thanatophilus lapponicus</i>								L
<i>Thinobius</i> undet. sp.							D	D
<i>Thinopinus pictus</i>			D,L	D,L		D,L	D,L	D,L
<i>Thinusa fletcheri</i>			D			D		D
<i>Thinusa maritima</i>							D,L	
<b>BOSTRICHODEA</b>								
<b>Bostrichidae</b>								
<i>Amphicerus cornutus</i>						D	D	
<i>Lyctus cavicollis</i>							D	
<i>Lyctus linearis</i>	yes						D	
<i>Lyctus planicollis</i>							D	
<i>Melalgus confertus</i>						D		
<i>Polycaon stoutii</i>						D	L	
<i>Psoa maculata</i>						D		
<i>Psoa quadrisignata</i>						L		
<i>Scobicia declivis</i>					L		D	
<i>Scobicia suturalis</i>		D				D	D	
<i>Stephanopachys substriatus</i>						D		
<b>Dermestidae</b>								
<i>Anthrenus lepidus</i>							D	D
<i>Anthrenus verbasci</i>	yes					D,L		
<i>Cryptorhopalum apicale</i>							D,L	
<i>Cryptorhopalum triste</i>								D
<i>Dermestes</i>	yes	D						
<i>Dermestes caninus</i>			L	L	D,L			L

<i>Dermestes frischii</i>	yes		D,L	D,L	D	D,L		D,L	
<i>Dermestes marmoratus</i>			D,L		L		L		L
<i>Dermestes rattus</i>								D	L
<i>Dermestes talpinus</i>								L	D
<i>Megatoma variegata</i>								D	D
<i>Trogoderma sternale</i>						D,L	D,L	D	D
<b>Ptinidae</b>									
<i>Actenobius pleuralis</i>								D	
<i>Byrrhodes ulkei</i>								D	
<i>Colposternus tenuilineatus</i>								L	D
<i>Ernobius debilis</i>									D,L
<i>Ernobius punctulatus</i>									L
<i>Euceratocerus hornii</i>								L	
<i>Euvrilletta catalinae</i>	yes							L	
<i>Euvrilletta occidentalis</i>									D
<i>Hemicoelus nelsoni</i>									D
<i>Hemicoelus nelsoni</i>									D
<i>Lasioderma serricornis</i>	yes								D
<i>Oligomerus delicatulus</i>				D					
<i>Ozognathus cornutus</i>								D	D
<i>Petalium californicum</i>									D
<i>Priobium punctatum</i>								D	D,L
<i>Ptilinus basalis</i>									D
<i>Ptinomorphus granosus</i>									D
<i>Ptinus agnatus</i>									D
<i>Ptinus fallax</i>								D	
<i>Stegobium paniceum</i>		yes							D
<i>Tricorynus</i>	yes		D	D		D	D		D,L
<i>Tricorynus nubilus</i>								L	
<i>Tricorynus obsoletus</i>								L	
<i>Vrilletta blaisdelli</i>								L	D
<i>Xarifa insularis</i>	yes			L				D,L	D
<i>Xestobium marginicolle</i>							L		D
<i>Xyletinus undet. sp.</i>									D
<b>CLEROIDEA</b>									
<b>Byturidae</b>									
<i>Xerasia griseascens</i>					D			D,L	D,L
<b>Cleridae</b>									
<i>Cymatodera angustata</i>									L
<i>Cymatodera caterinoi</i>	yes		L						D,L
<i>Cymatodera insularis</i>	yes			L		D		D,L	
<i>Cymatodera ovipennis</i>								L	
<i>Loedelia maculicollis</i>									D
<i>Necrobia ruficollis</i>	yes		D	L					D
<i>Necrobia rufipes</i>	yes		D	D,L	D	D		D,L	D
<i>Phyllobaenus</i>	yes							D	
<i>Phyllobaenus funebris</i>					D				D
<i>Phyllobaenus scaber</i>									D
<i>Trichodes ornatus</i>									D
<b>Melyridae</b>									

<i>Attalus transmarinus</i>	yes							L	
<i>Attalus undesc. sp.</i>	yes							D	
<i>Charopus undesc. sp.</i>									L D
<i>Collops cribrosus</i>									D D,L
<i>Collops crusoae</i>	yes								D D,L D,L
<i>Collops vittatus</i>									D
<i>Dasytastes</i>	yes		D	D					D D
<i>Dasytastes catalinae</i>	yes								D,L
<i>Dasytastes insularis</i>	yes								L
<i>Dasytes</i>	yes								D
<i>Dasytes clementae</i>	yes								L
<i>Endeodes basalis</i>				D	D	D			L D D
<i>Endeodes collaris</i>									L D,L
<i>Endeodes insularis</i>					L	D			L D
<i>Eschatocrepis constrictus</i>			D		D				L D,L D
<i>Listrus</i>	yes			D,L	D		L		D D,L
<i>Listrus anacapaensis</i>	yes		L						
<i>Listrus interruptus</i>									D
<i>Malachius undet. sp.</i>									L
<i>Microasydates punctipennis</i>	yes								D,L
<i>Microasydates sanclemente</i>	yes				D,L				
<i>Microasydates santabarbara</i>				D,L					D,L D,L
<i>Microlipus laticeps</i>					D				D D D
<i>Pseudasydates explanatus</i>									D
<i>Trichochrous brevicornis</i>									D D
<i>Trichochrous calcaratus</i>	yes			D,L		D,L			D,L D,L
<i>Trichochrous pedalis</i>									D,L
<i>Trichochrous undet. sp.1 near brevicornis</i>	yes			D		D			D D
<i>Trichochrous undet. sp. 2 near brevicornis</i>	yes								D
<i>Trichochrous undet. sp. near pedalis</i>	yes				D,L		D	D,L	
<b>Trogossitidae</b>									
<i>Temnoscheila chlorodia</i>									D,L
<i>Tenebroides crassicornis</i>									L
<i>Tenebroides occidentalis</i>									D
<b>TENEBRIONOIDEA</b>									
<b>Anthicidae</b>									
<i>Amblyderus obesus</i>					D	D,L			
<i>Amblyderus parviceps</i>									D D
<i>Anthicus cribratus</i>									D,L
<i>Anthicus maritimus</i>						D			
<i>Anthicus nanus</i>									D D
<i>Anthicus punctulatus</i>					D				D D
<i>Anthicus rufulus</i>									D
<i>Cyclodinus annectens</i>									D,L
<i>Ischyropalpus nitidulus</i>				D					D,L D,L
<i>Notoxus desertus</i>									D,L D D
<i>Notoxus sparsus</i>									L
<i>Omonadus floralis</i>		yes							L



<i>Coelus globosus</i>		D,L		D,L	D,L	L	L	D,L	D,L
<i>Coelus pacificus</i>	yes	L	D,L						
<i>Conibius seriatus</i>			D				D	D	
<i>Coniontis elliptica</i>							L		L
<i>Coniontis lamentabilis</i>							L		
<i>Coniontis lata</i>	yes	D,L	D,L	D,L	D,L	D,L		D,L	L
<i>Coniontis microsticta</i>								D	
<i>Coniontis nemoralis</i>								D	
<i>Coniontis santarosae</i>	yes			D,L				D,L	D,L
<i>Coniontis subpubescens</i>							L	L	
<i>Coniontis viatica</i>								L	
<i>Corticeus opaculus</i>								D,L	
<i>Cryptadius inflatus</i>								D,L	D
<i>Eleodes acuticauda</i>		D,L	D,L	D,L	D,L	D,L	D	D,L	D
<i>Eleodes carbonaria</i>			D				D,L		D
<i>Eleodes clavicornis</i>		D							
<i>Eleodes dentipes</i>		L	L		L			L	L
<i>Eleodes gigantea</i>				D					D
<i>Eleodes inculata</i>	yes	D,L		D,L		L	D	D,L	D,L
<i>Eleodes littoralis</i>		D	D	D			D,L	D,L	D,L
<i>Eleodes nigropilosa</i>							D,L	D	D
<i>Eleodes osculans</i>				D			D	D,L	D,L
<i>Eleodes scabripennis</i>						L			L
<i>Eleodes subvestita</i>	yes				D,L				
<i>Epantius obscurus</i>		D,L	D	D	D,L		D	D,L	D,L
<i>Eusattus difficilis</i>			L						
<i>Eusattus politus</i>	yes			D,L				L	D,L
<i>Eusattus robustus</i>	yes		D,L	D	D,L	D			D
<i>Helops bachei</i>	?yes	D	D,L	D	D	D,L	D	D	D
<i>Helops blaisdelli</i>					L				
<i>Helops rugicollis</i>							D		
<i>Hylocrinus longulus</i>					D				
<i>Hymenorus</i>	yes							L	
<i>Hymenorus infuscatus</i>							L		
<i>Isomira</i>	yes				D				
<i>Isomira comstocki</i>						D		D,L	
<i>Isomira damnata</i>							D		
<i>Isomira luscitiosa</i>								D	D
<i>Isomira variabilis</i>			L						
<i>Lepidocnemeplatia sericea</i>								D	
<i>Metoponium</i>	yes		D						
<i>Metoponium convexicolle</i>							L		
<i>Metoponium insulare</i>	yes						D,L		
<i>Mycetochara</i>	yes							D	
<i>Mycetochara pubipennis</i>							L		
<i>Nyctoporis carinata</i>		D		D,L			D,L	D,L	D,L
<i>Phaleria rotundata</i>		D,L	D		D,L		D,L	D,L	D
<i>Platydemia oregonensis</i>								D	
<i>Telabis serratus</i>							D		

<i>Tonibius sulcatus</i>										D,L	
<i>Tribolium castaneum</i>	yes									D	
<i>Ulus crassus</i>										L	
<b>Zopheridae</b>											
<i>Lasconotus linearis</i>										D	D
<i>Megataphrus tenuicornis</i>											D
<i>Phloeodes diabolicus</i>										L	
<i>Phloeodes plicatus</i>										D,L	D,L
<i>Rhagodera costaefragmenta</i>	yes									L	
<i>Rhagodera interrupta</i>										D,L	
<i>Rhagodera tuberculata</i>										L	L
<i>Synchita lecontei</i>											D,L
<i>Synchita lecontei</i>											D
<b>COCCINELLOIDEA</b>											
<b>Akalyptoischiidae</b>											
<i>Akalyptoischion heterotrichos</i>											D
<i>Akalyptoischion hormathos</i>										D	L
<i>Akalyptoischion hormathos</i>										L	D
<i>Akalyptoischion hormathos</i>										D	D
<i>Akalyptoischion hormathos</i>										D	D
<b>Cerylonidae</b>											
<i>Cerylon unicolor</i>											D
<b>Coccinellidae</b>											
<i>Axion plagiatum</i>											D
<i>Carinodulinka undesc. sp. near baja</i>											D
<i>Cephaloscymnus occidentalis</i>											L
<i>Chilocorus undet. sp.</i>											L
<i>Coccidophilus atronitens</i>											D
<i>Coccinella californica</i>										D,L	D,L
<i>Coccinella johnsoni</i>										D,L	D,L
<i>Coccinella novemnotata</i>											D
<i>Coccinella septempunctata</i>	yes									D	D
<i>Cycloneda polita</i>											L
<i>Cycloneda sanguinea</i>											D,L
<i>Delphastus catalinae</i>											L
<i>Diomus debilis</i>											D
<i>Hippodamia convergens</i>										D,L	D
<i>Hippodamia quinquesignata</i>										D	D,L
<i>Hippodamia quinquesignata</i>										D	D,L
<i>Hyperaspidium</i>	yes										D
<i>Hyperaspidium comparatus</i>											L
<i>Hyperaspis</i>	yes										D
<i>Hyperaspis lateralis</i>											D,L
<i>Hyperaspis sp. near annexa</i>											D,L
<i>Hyperaspis taeniata</i>											D,L
<i>Microwisea undet. sp.</i>											D
<i>Nephus binaevatus</i>	yes										D,L
<i>Nephus guttulatus</i>										D	L
<i>Nephus sordidus</i>										D	D
<i>Nipus niger</i>											D
<i>Olla v-nigrum</i>											D
<i>Paranaemia vittigera</i>											L
<i>Psyllobora renifer</i>											D
<i>Psyllobora vigintimaculata</i>										D	D
<i>Psyllobora vigintimaculata</i>										D,L	D,L
<i>Psyllobora vigintimaculata</i>										D,L	D

<i>Rhyzobius forestieri</i>	yes							D,L	
<i>Rhyzobius lophanthae</i>	yes	L		D				D D	
<i>Scymnus ardelio</i>		L				L			
<i>Scymnus cervicalis</i>						L	D	D	
<i>Scymnus coniferarum</i>							D		
<i>Scymnus difficilis</i>			D					D	
<i>Scymnus falli</i>	yes		D		L		D,L	D,L	
<i>Scymnus fenderi</i>								D	
<i>Scymnus jacobianus</i>		D	D		D				
<i>Scymnus loewii</i>		D						D,L	
<i>Scymnus marginicollis</i>		D		D		D,L	D,L	D	
<i>Scymnus nebulosus</i>			L			D,L	D	D	
<i>Scymnus pallens</i>						L	D,L	D	
<i>Stethorus punctum</i>						D	D		
<i>Zagloba ornata</i>			D			L	D		
<b>Corylophidae</b>									
<i>Aenigmaticum californicum</i>		D,L	D	D	D,L				
<i>Orthoperus</i> undet. sp.							D		
<i>Sericoderus</i> undet. sp.				D			D	D	
<b>Endomychidae</b>									
<i>Aphorista morosa</i>							D	D D,L	
<b>Latridiidae</b>									
<i>Cartodere australica</i>	yes						D		
<i>Corticaria</i> undet. sp.						L		D	
<i>Corticarina</i>	yes		D			D			
<i>Corticarina cavicollis</i>							D		
<i>Corticarina herbivagans</i>			L		D,L				
<i>Corticarina mulleri</i>	yes	D	L	L	L		D	L	
<i>Corticarina minuta</i>		D					D		
<i>Dienerella</i> undet. sp.							D,L		
<i>Enicmus aterrimus</i>							D	D	
<i>Fuchsina</i> undesc. sp.	yes	D				D	D,L	D	
<i>Melanophthalma</i>	yes	D						D	
<i>Melanophthalma americana</i>		L	L			L	D		
<i>Melanophthalma casta</i>				L	D,L				
<i>Melanophthalma insularis</i>	yes	L							
<i>Metophthalmus haigi</i>		D				D	D,L		
<i>Metophthalmus rudis</i>		D				D	D,L	D	
<i>Metophthalmus trux</i>		D				D	D,L	D	
<i>Revelieria californica</i>							D	D	
<i>Stephostethus armatulus</i>						L			
<i>Stephostethus costicollis</i>		D				D,L			
<i>Stephostethus liratus</i>								D	
<b>EROTYLOIDEA</b>									
<b>Erotylidae</b>									
<i>Cryptophilus angustus</i>	yes						D		
<i>Dacne californica</i>		D				D,L	D,L	D	
<b>NITIDULOIDEA</b>									
<b>Kateretidae</b>									
<i>Amartus tinctus</i>		D,L	L					D,L	

<i>Heterhelus sericans</i>										L		
<b>Monotomidae</b>												
<i>Hesperobaenus abbreviatus</i>			D							D,L	D	
<i>Macreurops longicollis</i>										D		
<i>Phyconomus marinus</i>					D					D		
<b>Nitidulidae</b>												
<i>Brassicogethes aeneus</i>										D		
<i>Carpophilus</i>	yes										D	
<i>Carpophilus discoideus</i>										D		
<i>Carpophilus ligneus</i>			D		D	D						
<i>Cryptarcha gila</i>										D	L	D
<i>Glischrochilus quadrisignatus</i>	yes									D,L		
<i>Glischrochilus sanguinolentus</i>	yes									D,L		
<i>Nitidula flavomaculata</i>	yes									D		
<i>Nitops pallipennis</i>					D,L	D	D	D		D,L	D,L	D
<i>Thalycra</i> undet. sp.												D
<b>CUCUJOIDEA</b>												
<b>Cryptophagidae</b>												
<i>Atomaria</i>	yes											L
<i>Atomaria lewisi</i>		yes									D	
<i>Atomaria nubipennis</i>					D							
<i>Atomaria puella</i>											D	
<i>Cryptophagus tuberculosus</i>					D,L					L	D	
<b>Laemophloeidae</b>												
<i>Nartheceus striaticeps</i>											D	
<b>Phalacridae</b>												
<i>Phalacrus</i> undet. sp. 1								D				
<i>Phalacrus</i> undet. sp. 2											D,L	
<b>Silvanidae</b>												
<i>Silvanoprus angusticollis</i>		yes									D	
<b>CHRYSOMELOIDEA</b>												
<b>Cerambycidae</b>												
<i>Anastrangalia laetifica</i>											D	
<i>Arhopalus asperatus</i>										L		
<i>Arhopalus productus</i>										L		
<i>Asemum nitidum</i>											D	
<i>Brachysomida californica</i>												D
<i>Brothylus gemmulatus</i>										D		
<i>Callidiellum rufipenne</i>		yes								L		
<i>Callimus ruficollis</i>										D	D	
<i>Centrodera autumnata</i>											D	
<i>Centrodera spurca</i>											D	
<i>Desmocerus californicus</i>											D	D
<i>Enaphalodes hispicornis</i>										D,L		
<i>Holopleura marginata</i>										D		
<i>Ipochus fasciatus</i>			D,L	L	D,L	D	D,L	D,L	D,L	D,L	D,L	D,L
<i>Lophopogonius crinitus</i>											D	D
<i>Megobrium edwardsi</i>										D		L
<i>Nathrius brevipennis</i>		yes									D	
<i>Necydalis laevicollis</i>												D

<i>Oberea quadricollis</i>									D
<i>Paranoplium gracile</i>									D,L
<i>Phoracantha recurva</i>	yes								D D
<i>Phoracantha semipunctata</i>	yes								D D
<i>Phymatodes decussatus</i>									D D,L
<i>Phymatodes grandis</i>									D D
<i>Prionus californicus</i>									D
<i>Saperda horni</i>									D
<i>Stenocorus vestitus</i>									D
<i>Sternidocinus barbarus</i>									D,L
<i>Strophiona tigrina</i>									D D
<i>Styloxus fulleri</i>									D
<i>Trichocnemis spiculatus</i>									D
<i>Xestoleptura crassipes</i>									D
<i>Xylotrechus insignis</i>									D,L
<i>Xylotrechus nauticus</i>									D D,L
<b>Chrysomelidae</b>									
<i>Acanthoscelides margaretae</i>									D D D
<i>Acanthoscelides napensis</i>			D	L					D D
<i>Acanthoscelides pauperculus</i>				L					L
<i>Acanthoscelides pullus</i>		D	D	D	D				L D D
<i>Altica</i> undet. sp.		D							D
<i>Aulacothorax recticollis</i>									D D
<i>Calligrapha sigmoidea</i>									D
<i>Charidotella sexpunctata</i>		D							D
<i>Colaspidea smaragdula</i>				D,L					D,L D
<i>Cryptocephalus sanguinicollis</i>									D
<i>Diabrotica undecimpunctata</i>							D,L	L	D,L D
<i>Diachus auratus</i>		D	D,L	D,L	D				D,L D,L D,L
<i>Dibolia californica</i>									D
<i>Disonycha latiovittata</i>									D D
<i>Epitrix similaris</i>								L	
<i>Epitrix subcrinita</i>									D,L
<i>Erynephala morosa</i>									L
<i>Gastrophysa cyanea</i>					D				D D
<i>Lema daturaphila</i>									D,L D
<i>Longitarsus</i> undet. sp. 1			D						
<i>Longitarsus</i> undet. sp. 2					D				
<i>Megacerus impiger</i>					D				D,L
<i>Monoxia sordida</i>			L		D		D,L		
<i>Monoxia</i> undet. sp.		D							
<i>Pachybrachis melanostictus</i>									D
<i>Pachybrachis mobilis</i>								D	
<i>Pachybrachis pluripunctatus</i>									D
<i>Pachybrachis punctatus</i>								L	D
<i>Pachybrachis quadratus</i>								L	
<i>Phaedon prasinellus</i>								D,L	
<i>Phyllotreta</i>	yes								D
<i>Phyllotreta pusilla</i>									L

<i>Plagioderia californica</i>									D,L
<i>Scelolyperus torquatus</i>								L	
<i>Spintherophyta punctum</i>	yes								L
<i>Stator limbatus</i>								D,L	
<i>Trachymela sloanei</i>		yes							D
<i>Trirhabda confusa</i>									D
<i>Trirhabda sericotrachyla</i>									D D
<b>CURCULIONOIDEA</b>									
<b>Attelabidae</b>									
<i>Deporaus glastinus</i>								D	D
<i>Temnocerus aeratoides</i>									D
<i>Temnocerus aureus</i>				L					D
<i>Temnocerus insularis</i>				L				L	
<i>Temnocerus naso</i>									D
<b>Brentidae</b>									
Apioninae	yes			D	D				D
<i>Coelocephalopion antennatum</i>								L	L
<i>Coelocephalopion californicum</i>									L
<i>Coelocephalopion oedorhynchum</i>								L	
<b>Curculionidae</b>									
?Undescribed genus near									
<i>Carphobius</i> , undesc. sp.	yes			D					
<i>Anthonomus</i>	yes			D					
<i>Anthonomus inermis</i>					L			D,L	L
<i>Anthonomus pauperculus</i>								L	
<i>Anthonomus</i> undesc. sp.	?yes							D	
<i>Apleurus jacobinus</i>								D,L	
<i>Carphoborus declivis</i>									D
<i>Ceutorhynchus assimilis</i>		yes							D
<i>Curculio aurivestis</i>								D,L	
<i>Curculio uniformis</i>								L	D,L
<i>Dendrocranulus cucurbitae</i>				D	D			D	D,L D
<i>Dendroctonus valens</i>									D
<i>Elassoptes marinus</i>				D	D	D			D D
<i>Emphyastes fucicola</i>				D		D			D D
<i>Geodercodes latipennis</i>				D					D,L D,L
<i>Gilbertiola</i> undet. sp.								D,L	
<i>Gnathotrichus pilosus</i>									D
<i>Hypera postica</i>		yes		D		D			D D
<i>Hypothenemus eruditus</i>				D				D	D
<i>Ips paraconfusus</i>									D,L
<i>Listroderes</i>	yes								D
<i>Listroderes costirostris</i>		yes			D	D		D	D
<i>Listronotus</i>	yes							D	
<i>Listronotus sordidus</i>						L			
<i>Micromastus gracilis</i>								D	
<i>Monarthrum scutellare</i>									D
<i>Naupactus cervinus</i>		yes						D,L	D
<i>Nemocestes</i> undet. sp.								D	D,L D

<i>Notiodes aeratus</i>				D					
<i>Otiorynchus cribricollis</i>		yes				D			
<i>Peritelinus undet. sp.</i>			D						
<i>Pityophthorus carmeli</i>								D	D
<i>Procryphalus utahensis</i>					D				
<i>Pselactus spadix</i>		yes							D
<i>Pseudips mexicanus</i>								L	
<i>Pseudopityophthorus agrifoliae</i>								D	
<i>Pseudopityophthorus pubipennis</i>								D	D
<i>Rhinocyllus conicus</i>		yes						D	
<i>Rhyncolus</i>	yes				D		L		
<i>Rhyncolus cylindricollis</i>								D	
<i>Scaphomorphus americanus</i>				L					
<i>Sciopithes insularis</i>		yes		L					
<i>Sciopithes setosus</i>				L			L		
<i>Scyphophorus yuccae</i>								D	
<i>Sibinia maculata</i>				L	L	D,L			
<i>Sitona californius</i>			D		D,L			D	D,L
<i>Smicronyx</i>	yes			D					
<i>Smicronyx cinereus</i>									L
<i>Sphenophorus graminis</i>									D
<i>Sphenophorus phoeniciensis</i>								D	
<i>Sphenophorus simplex</i>						D			D
<i>Sphenophorus vomerinus</i>									L
<i>Stenoclyptus sulcatus</i>									D
<i>Stenoptochus undet. sp.</i>								D	
<i>Thalasselephas testaceus</i>				D		D			D
<i>Trichobaris compacta</i>								D	
<i>Trigonoscuta anacapensis</i>	yes		D,L						
<i>Trigonoscuta catalina</i>	yes							D,L	
<i>Trigonoscuta clemente</i>	yes			D,L			D		
<i>Trigonoscuta curviscroba</i>	yes						L		
<i>Trigonoscuta miguelensis</i>	yes				D,L				
<i>Trigonoscuta nesiotis</i>	yes		D,L						
<i>Trigonoscuta nicolana</i>	yes					D,L	D		
<i>Trigonoscuta pilosa</i>				L					L
<i>Trigonoscuta sanctabarbarae</i>	yes						D,L		
<i>Trigonoscuta sanctarosae</i>	yes								D,L
<i>Trigonoscuta stantoni</i>	yes							D,L	
<i>Tychius</i>	yes					L			
<i>Tychius lineellus</i>								D,L	D,L
<i>Xyleborinus saxesenii</i>		yes						D	D