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

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

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Abstract

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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

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

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 Elbert L. Sleeper purportedly had an unpublished beetle list for Santa Catalina Island, with 330 species (see Caterino & Chandler 2010). Scott E. Miller (unpublished data) had a checklist of 225 beetle species prior to the efforts of the California Beetle Project (Caterino, Chatzimanolis & Richmond 2015: 279). Caterino Caterino, Chatzimanolis & Richmond (2015) reported on an unpublished list of "over 640 named species of beetles" from the Channel Islands.

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

Materials & Methods

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

Harvesting published literature records

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

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

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

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

Harvesting digitized specimen records

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

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

"California" and "island" contained in the locality. Specimens from the following institutional or personal collections appear in our checklist:

ASUHIC	Arizona State University Hasbrouck Insect Collection, Tempe, AZ, USA
AUMNH	Auburn University Museum of Natural History, Auburn, AL, USA
BYUC	Brigham Young University Arthropod Collection, Provo, UT, USA
CASC	California Academy of Sciences, San Francisco, CA, USA
CSCA	California State Collection of Arthropods, Sacramento, CA, USA
CSUC	Colorado State University Insect Collection, Fort Collins, CO, USA
DMNS	Denver Museum of Nature and Science, Denver, CO, USA
EMEC	Essig Museum, University of California Berkeley, Berkeley, CA, USA
JNRC	Jacques N. Rifkind Collection, Sacramento, CA, USA
SEMC	Snow Entomological Museum, University of Kansas, Lawrence, KS, USA
LACM	Natural History Museum of Los Angeles County, Los Angeles, CA, USA
MAJC	M. Andrew Johnston Research Collection, Tempe, AZ, USA
SBMNH	Santa Barbara Museum of Natural History, Santa Barbara, CA, USA
SDNHM	San Diego Natural History Museum, San Diego, CA, USA
TAMU	Texas A&M University Insect Collection, College Station, TX, USA
UCMC	University of Colorado Museum of Natural History, Boulder, CO, USA
UCRC	University of California Riverside Insect Collection, Riverside, CA, USA
UCSB	University of California Santa Barbara, Santa Barbara, CA, USA
USNM	United States National Museum of Natural History (Smithsonian Institution), Washington, DC, USA
UTCI	University of Tennessee Chattanooga, Chattanooga, TN, USA
UASM	University of Alberta Strickland Entomology Museum, Edmonton, AB, Canada
YPMC	Yale Peabody Museum of Natural History, New Haven, CT, USA
iNat	iNaturalist Research Grade Observations (https://inaturalist.org)

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

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

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

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

Checklist validation

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

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

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

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

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

Biogeographic and diversity analyses

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

Results & Discussion

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

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

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

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

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

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

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

Notable taxa

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

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

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

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

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

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

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

Missing taxa

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

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

Families absent from the Channel Islands but present on nearby mainland

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Annotated Checklist

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

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

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

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

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

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

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

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

ADEPHAGA

Carabidae

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

Bembidiini

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

Bembidion Latreille, 1802

Nomenclatural Authority: Bousquet (2012)

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

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

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

Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Catalina (Caterino, Caterino & Maddison 2015: 410)
Digitized Records: Santa Catalina (2 SBMNH)
Range: Also known from mainland, but possibly extinct there (Caterino, Caterino & Maddison 2015).
Notes. This species was thought to be extinct since its original description from the Palos Verdes Peninsula in greater Los Angeles, but was rediscovered by M. and K. Caterino on Santa Catalina in 2010 (Caterino, Caterino & Maddison 2015).

Bembidion (*Furcacampa*) *versicolor* (LeConte, 1847)
Nomenclatural Authority: Bousquet (2012)
Literature Records: San Clemente (Cockerell 1940: 284)
Digitized Records: none
Range: Also known from mainland (Bousquet 2012).

Bembidion (*Lymnaeum*) *laticeps* (LeConte, 1858)
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: San Clemente (1 SBMNH)
Range: Also known from mainland (Bousquet 2012).

Bembidion (*Notaphus*) *indistinctum* Dejean, 1831
Nomenclatural Authority: Bousquet (2012)
Literature Records: San Nicolas (Cockerell 1940: 285), Santa Rosa (Fall 1897: 236)
Digitized Records: none
Range: Also known from mainland (Bousquet 2012).
Notes. Reported from the “Channel Islands” by Bousquet (2012: 613).

Bembidion (*Notaphus*) *insulatum* (LeConte, 1852)
Nomenclatural Authority: Bousquet (2012)
Literature Records: San Clemente (Cockerell 1940: 284)
Digitized Records: none
Range: Also known from mainland (Bousquet 2012).

Bembidion (*Peryphanes*) *platynoides* Hayward, 1897
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Rosa (Fall 1897: 236)
Digitized Records: none
Range: Also known from mainland (Bousquet 2012).
Notes. Reported from the “Channel Islands” by Bousquet (2012: 579).

Bembidion (*Peryphodes*) *ephippigerum* (LeConte, 1852)
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Catalina (Fall 1897: 236)
Digitized Records: San Nicolas (9 SBMNH)
Range: Also known from mainland (Bousquet 2012).
Notes. Reported from the "Channel Islands" by Bousquet (2012: 629).

Bembidion (*Peryphus*) *corgenoma* Maddison, 2020
Nomenclatural Authority: Maddison (2020)
Literature Records: Santa Cruz (LeConte 1876: 298; Fall 1897: 236; Fall & Davis 1934: 143), Santa Rosa (Fall 1897: 236)
Digitized Records: San Miguel (1 SBMNH), Santa Cruz (19 SBMNH), Santa Rosa (10 SBMNH)
Range: Also known from mainland (Maddison 2020).
Notes. LeConte (1876) recorded this species as *Bembidium mannerheimii* (LeConte, 1852), subsequently considered a junior synonym of *Bembidion transversale* Dejean, 1831 (see Bousquet 2012). Fall (1897) and Fall & Davis (1934) reported this species as *B. transversale*. Maddison (2020), however, concluded based on morphology that the Pacific coast species in the *transversale* species group represented a new species and provided a revised version of the relevant portion of the key in Lindroth (1963).

Bembidion (*Peryphus*) *striola* (LeConte, 1852)
Nomenclatural Authority: Bousquet (2012)
Literature Records: San Clemente (Cockerell 1940: 285), Santa Catalina (Fall 1897: 236)
Digitized Records: none
Range: Also known from mainland (Bousquet 2012).
Notes. Reported from the "Channel Islands" by Bousquet (2012: 564).

Bembidion (*Trechonepha*) *iridescens* (LeConte, 1852)
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Catalina (Fall 1897: 236)
Digitized Records: none
Range: Also known from mainland (Bousquet 2012).
Notes. Reported from the "Channel Islands" by Bousquet (2012: 654).

Elaphropus Motschulsky, 1839
Nomenclatural Authority: Bousquet (2012)
Notes. Seven species of this genus have been reported from California (Bousquet 2012). The native North American members of *Elaphropus* are in need of revision (Bousquet 2012).

Elaphropus undetermined species
Literature Records: none
Digitized Records: Santa Cruz (10 SBMNH)

Phrypeus Casey, 1924

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

Phrypeus rickseckeri (Hayward, 1897)
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Cruz (6 SBMNH)
Range: Also known from mainland (Bousquet 2012).

Tachys Dejean, 1821

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

Tachys (*Paratachys*) *vorax* LeConte, 1852
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Bousquet 2012).

Tachys (*Tachys*) *corax* LeConte, 1852
Nomenclatural Authority: Bousquet (2012)
Literature Records: San Clemente (Fall 1897: 236)
Digitized Records: San Nicolas (5 SBMNH)
Range: Also known from mainland (Bousquet 2012).
Notes. Fall (1897: 239) indicated that the “two specimens from San Clemente are closely allied to *corax*, Lec., but seem distinct by the obviously less transverse thorax.” This is likely identical to what we have identified as *T. corax*, and we have included these records together above.

Tachys (*Tachys*) *vittiger* LeConte, 1852
Nomenclatural Authority: Bousquet (2012)

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

Brachinini

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

Brachinus Weber, 1801
Nomenclatural Authority: Bousquet (2012)
Digitized Records (genus-only): Santa Catalina (1 CASC), Santa Cruz (50 CASC; 31 EMEC; 50 SBMNH; 11 UCSB; 35 UASM), Santa Rosa (5 SBMNH)
Notes. There are 12 species of *Brachinus* reported from California (Bousquet 2012), which were treated by Erwin (1965, 1970). This genus appeared in some early literature as *Brachynus*.

Brachinus costipennis Motschulsky, 1859
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Catalina (Fall 1897: 236), Santa Cruz (Erwin 1965: 6; Erwin 1970: 88)
Digitized Records: Santa Cruz (1 BYUC; 7 CASC; 4 LACM; 4 SBMNH; 1 iNat), Santa Rosa (15 SBMNH)
Range: Also known from mainland (Erwin 1965, 1970).
Notes. This species was reported as *Brachinus carinulatus* Motschulsky, 1859 by Fall (1897), which was synonymized with *B. costipennis* by Erwin (1965).

Brachinus gebhardis Erwin, 1965
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Cruz (Erwin 1965: 7; Erwin 1970: 132)
Digitized Records: Santa Catalina (6 LACM), Santa Cruz (1 CASC; 23 LACM; 9 SBMNH), Santa Rosa (10 SBMNH)
Range: Also known from mainland (Erwin 1965, 1970).

Brachinus mexicanus Dejean, 1831
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Cruz (Erwin 1965: 11; Erwin 1970: 107)
Digitized Records: Santa Cruz (40 CASC)
Range: Also known from mainland (Erwin 1965, 1970).
Notes. This species was recorded as *Brachinus fidelis* LeConte, 1863 by Erwin (1965), 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 & 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, 1897
729 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)

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

Chlaeniini

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

Chlaenius Brullé, 1834
Nomenclatural Authority: Bousquet (2012)
Digitized Records (genus-only): Santa Cruz (4 UCSB; 13 UASM)
Notes. Thirteen species of *Chlaenius* have been reported to occur in California (Bousquet 2012). The genus was revised for North America by Bell (1960).

Chlaenius (*Chlaeniellus*) *obsoletus* LeConte, 1851
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Catalina (Fall 1897: 236; Bell 1960: 150)
Digitized Records: Santa Cruz (3 CASC; 1 SBMNH)
Range: Also known from mainland (Bell 1960; Bousquet 2012).
Notes. Reported from the "Channel Islands" by Bousquet (2012: 984).

Chlaenius (*Chlaeniellus*) *tricolor* Dejean, 1826
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Bell 1960; Bousquet 2012).
Notes. All *C. tricolor* from California belong to the subspecies *C. t. vigilans* Say, 1830 (Bell 1960; Bousquet 2012).

Chlaenius (*Chlaeniellus*) *variabilipes* Eschscholtz, 1833
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Cruz (Bell 1960: 150)
Digitized Records: Santa Catalina (1 LACM), Santa Cruz (4 LACM; 2 SBMNH), Santa Rosa (2 SBMNH)
Range: Also known from mainland (Bell 1960; Bousquet 2012).

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

Clivinini

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

Schizogenius Putzeys, 1846
Nomenclatural Authority: Bousquet (2012)
Digitized Records (genus-only): Santa Cruz (5 CASC; 14 SBMNH)
Notes. Seven species of *Schizogenius* have been recorded from California (Bousquet 2012), belonging to two subgenera, *Genioschizus* Whitehead, 1972 and *Schizogenius* (*s.str.*). Whitehead (1972) revised the North American species.

Schizogenius (*Schizogenius*) *depressus* LeConte, 1852
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Rosa (Fall 1897: 236; Whitehead 1972: 294)
Digitized Records: Santa Cruz (2 CASC)
Range: Also known from mainland (Whitehead 1972; Bousquet 2012).
Notes. Reported from the "Channel Islands" by Bousquet (2012: 419).

Cychrini

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

Scaphinotus Dejean, 1826
Nomenclatural Authority: Bousquet (2012)
Digitized Records (genus-only): Santa Catalina (3 EMEC), Santa Cruz (2 EMEC; 1 UASM), Santa Rosa (1 EMEC)
Notes. Eighteen species of *Scaphinotus* are known from California (Bousquet 2012). Most of these species belong to the subgenus *Brennus* Motschulsky, 1866, which was revised by Gidaspow (1968).

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

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

Scaphinotus (*Brennus*) *punctatus* (LeConte, 1859)
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Catalina (Fall 1897: 236; Baker 1905: 59; Gidaspow 1968: 167; Bousquet 2012: 223)
Digitized Records: Santa Catalina (5 CASC)
Range: Also known from mainland (Gidaspow 1968).
Notes. This species was previously recorded as *Cychrus mimus* Horn, 1874 by Fall (1897) and Baker (1905: "*Cuchrus mimus*"), which was later synonymized with *S. punctatus* (see Gidaspow 1968).

Scaphinotus (*Brennus*) *ventricosus* (Dejean, 1831)
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Catalina (Gidaspow 1968: 171)
Digitized Records: Santa Catalina (1 CASC)
Range: Also known from mainland (Gidaspow 1968).

Dyschiriini

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

Akephorus LeConte, 1852

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

Akephorus marinus LeConte, 1852
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Rosa (Fall 1897: 236)
Digitized Records: San Miguel (33 LACM; 5 SBMNH; 18 CASC), San Nicolas (1 LACM; 5 SBMNH), Santa Cruz (34 LACM; 18 SBMNH; 8 CASC), Santa Rosa (7 SBMNH)
Range: Also known from mainland (Bousquet 2012).
Notes. Reported from the "Channel Islands" by Bousquet (2012: 431).

Dyschirius Bonelli, 1810

Nomenclatural Authority: Bousquet (2012)

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

Notes. Nineteen species of *Dyschirius* have been recorded from California (Bousquet 2012). A key to most North American species of this genus was provided by Bousquet (1988).

Dyschirius aratus LeConte, 1852

Nomenclatural Authority: Bousquet (2012)

Literature Records: none

Digitized Records: Santa Rosa (7 SBMNH)

Range: Also known from mainland (Bousquet 2012).

Dyschirius consobrinus LeConte, 1852

Nomenclatural Authority: Bousquet (2012)

Literature Records: none

Digitized Records: Santa Rosa (4 SBMNH)

Range: Also known from mainland (Bousquet 2012).

Dyschirius gibbipennis LeConte, 1857

Nomenclatural Authority: Bousquet (2012)

Literature Records: Santa Rosa (Fall 1897: 236)

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

Range: Also known from mainland (Bousquet 2012).

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

Dyschirius varidens Fall, 1910

Nomenclatural Authority: Bousquet (2012)

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH)

Range: Also known from mainland (Bousquet 2012).

Harpalini

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

Anisodactylus Dejean, 1829

Nomenclatural Authority: Bousquet (2012)

Digitized Records (genus-only): San Miguel (1 LACM), Santa Cruz (19 UASM)

Notes. Thirteen species of *Anisodactylus* are known to occur in California (Bousquet 2012). Noonan (1996) revised the subgenus *Anisodactylus* (*Anisodactylus*), the only subgenus known to occur in the Channel Islands.

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

Nomenclatural Authority: Bousquet (2012)

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

Digitized Records: San Clemente (7 SBMNH), San Miguel (1 CASC; 2 SBMNH), San Nicolas (8 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (3 CASC), Santa Rosa (5 SBMNH)

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

Notes. Reported from the "Channel Islands" by Bousquet (2012: 1022).

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

Nomenclatural Authority: Bousquet (2012)

Literature Records: Santa Catalina (Fall 1897: 236), Santa Cruz (LeConte 1876: 298; Fall 1897: 236; Fall & Davis 1934: 144; Noonan 1996: 107), Santa Rosa (Fall 1897: 236)

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

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

Notes. Reported from the "Channel Islands" by Bousquet (2012: 1021).

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

Nomenclatural Authority: Bousquet (2012)

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

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

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

Notes. This species was recorded as *Anisodactylus semipunctatus* LeConte, 1859, a current junior synonym of *A. similis*, by Fall & Davis (1934). Reported from the "Channel Islands" by Bousquet (2012: 1023).

Bradycellus Erichson, 1837

Nomenclatural Authority: Bousquet (2012)

Digitized Records (genus-only): San Clemente (4 SBMNH), San Miguel (3 CASC), San Nicolas (3 LACM), Santa Cruz (5 CASC; 2 EMEC; 1 SBMNH; 3 UASM)

Notes. Four subgenera and 25 species of *Bradycellus* are known to occur in California (Bousquet 2012). The two most species-rich subgenera in California, *Liocellus* Motschulsky, 1864 and *Stenocellus* Casey, 1914, both need revision (Bousquet 2012).

Bradycellus (*Liocellus*) *nitidus* (Dejean, 1829)
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Catalina (Fall 1897: 236), Santa Cruz (Fall & Davis 1934: 144), Santa Rosa (Fall 1897: 236)
Digitized Records: San Miguel (2 CASC; 2 SBMNH), San Nicolas (15 LACM; 11 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (4 CASC; 10 SBMNH; 1 UCSB), Santa Rosa (1 LACM; 20 SBMNH)
Range: Also known from mainland (Bousquet 2012).
Notes. Fall (1897) recorded this species as *Tachycellus nitidus*; Fall & Davis (1934) recorded this species as *Glycerius nitidus*. Reported from the "Channel Islands" by Bousquet (2012: 1061).

Bradycellus (*Stenocellus*) *californicus* (LeConte, 1857)
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Rosa (Fall 1897: 236)
Digitized Records: San Clemente (16 SBMNH), San Miguel (1 SBMNH), San Nicolas (17 SBMNH), Santa Catalina (4 SBMNH), Santa Cruz (8 SBMNH), Santa Rosa (12 SBMNH)
Range: Also known from mainland (Bousquet 2012).
Notes. Reported from the "Channel Islands" by Bousquet (2012: 1068).

Bradycellus (*Stenocellus*) *rupestris* (Say, 1823)
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Catalina (Fall 1897: 236)
Digitized Records: San Clemente (6 SBMNH), San Nicolas (12 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Bousquet 2012).

Bradycellus (*Stenocellus*) *sejunctus* (Casey, 1914)
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: San Clemente (14 EMEC)
Range: Also known from mainland (Bousquet 2012).

Dicheirus Mannerheim, 1843
Nomenclatural Authority: Bousquet (2012)
Digitized Records (genus-only): Santa Cruz (3 CASC)
Notes. Five species of *Dicheirus* are known to occur in California (Bousquet 2012). They were revised and keyed by Noonan (1968).

Dicheirus dilatatus (Dejean, 1829)

Nomenclatural Authority: Bousquet (2012)

Literature Records: San Clemente (Casey 1914: 201; Noonan 1968: 298; Noonan 1975: 7 [map]), Santa Catalina (Noonan 1968: 298), Santa Cruz (Fall & Davis 1934: 144), Santa Rosa (Fall 1897: 236)

Digitized Records: San Clemente (29 LACM; 7 SBMNH), San Miguel (2 SBMNH), Santa Catalina (10 LACM; 5 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (10 SBMNH)

Range: Also known from mainland (Noonan 1975; Bousquet 2012).

Notes. This species was recorded as *Anisodactylus dilatatus* by Fall (1897), and as *Dicheirus australinus* Casey, 1914 by Casey (1914). The latter was synonymized with *D. dilatatus* by Noonan (1968). All island records of *D. dilatatus* refer to the nominate subspecies, *D. d. dilatatus* (Dejean, 1829) (Noonan 1968). Reported from the "Channel Islands" by Bousquet (2012: 1042).

Dicheirus piceus (Ménétriés, 1843)

Nomenclatural Authority: Bousquet (2012)

Literature Records: San Clemente (Noonan 1968: 290; Noonan 1975: 7 [map]), Santa Catalina (Noonan 1968: 290; Noonan 1975: 7 [map]), Santa Rosa (Fall 1897: 236)

Digitized Records: Anacapa (3 SBMNH), San Clemente (11 CASC; 5 LACM; 3 SBMNH), Santa Catalina (26 LACM; 6 SBMNH), Santa Cruz (4 CASC; 18 SBMNH), Santa Rosa (9 SBMNH)

Range: Also known from mainland (Noonan 1975; Bousquet 2012).

Notes. This species was recorded as *Anisodactylus piceus* by Fall (1897). Reported from the "Channel Islands" by Bousquet (2012: 1043).

Harpalus Latreille, 1802

Nomenclatural Authority: Bousquet (2012)

Digitized Records (genus-only): Anacapa (1 ASUHIC)

Notes. Thirteen species of *Harpalus* have been reported from California (Bousquet 2012; M Gimmel, unpublished data). Most species of the genus were treated for North America by Noonan (1991), with treatments of additional subgenera by Ball & Anderson (1962) and Will (1997).

Harpalus (*Megapangus*) *caliginosus* (Fabricius, 1775)

Nomenclatural Authority: Bousquet (2012)

Literature Records: none

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

Range: Also known from mainland (Will 1997).

Notes. Will (1997) provided a taxonomic review of the subgenus *Harpalus* (*Megapangus*), including a shaded range map showing *H. caliginosus* ranging partially into the Channel Islands (Will 1997: 46); however, no Channel Island records were given.

Harpalus (*Pseudoophonus*) *pensylvanicus* (DeGeer, 1774)
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Cruz (1 UCSB)
Range: Also known from mainland (Ball & Anderson 1962; Bousquet 2012).
Notes. Ball & Anderson (1962) provided a key to the species of the subgenus *Pseudoophonus* Motschulsky, 1844 (as *Pseudophonus*). Only one species of the subgenus has been recorded from California (Bousquet 2012).

Stenolophus Dejean, 1821
Nomenclatural Authority: Bousquet (2012)
Digitized Records (genus-only): Santa Cruz (2 UASM)
Notes. Eleven species of *Stenolophus* occur in California, four in subgenus *Agonoderus* Dejean, 1829 and seven in subgenus *Stenolophus* (Bousquet 2012). Lindroth's (1968) key treated all members of the latter, but a revision of the former is needed (Bousquet 2012).

Stenolophus (*Agonoderus*) *lineola* (Fabricius, 1775)
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Rosa (Fall 1897: 236)
Digitized Records: Anacapa (2 LACM), Santa Cruz (2 LACM), Santa Rosa (1 LACM)
Range: Also known from mainland (Bousquet 2012).
Notes. Fall (1897) recorded this species as *Agonoderus lineola*.

Stenolophus (*Agonoderus*) *rugicollis* (LeConte, 1859)
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: San Miguel (1 LACM)
Range: Also known from mainland (Bousquet 2012).

Stenolophus (*Stenolophus*) *anceps* LeConte, 1857
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: San Miguel (2 SBMNH), Santa Cruz (7 SBMNH), Santa Rosa (2 SBMNH)
Range: Also known from mainland (Bousquet 2012).

Stenolophus (*Stenolophus*) *flavipes* LeConte, 1858
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (1 LACM; 5 SBMNH), Santa Rosa (14 SBMNH)
Range: Also known from mainland (Bousquet 2012).

Stenolophus (*Stenolophus*) *limbalis* LeConte, 1857
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Catalina (Fall 1897: 236)
Digitized Records: none
Range: Also known from mainland (Bousquet 2012).
Notes. Reported from the "Channel Islands" by Bousquet (2012: 1050).

Stenolophus (*Stenolophus*) *ochropezus* (Say, 1823)
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Cruz (11 EMEC)
Range: Also known from mainland (Bousquet 2012).

Lachnophorini

Notes. Three genera and three species of Lachnophorini are known to occur in California (Bousquet 2012).

Lachnophorus Dejean, 1831
Nomenclatural Authority: Bousquet (2012)
Notes. Only one species of this genus occurs in North America (Bousquet 2012).

Lachnophorus elegantulus Mannerheim, 1843
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Cruz (2 CASC; 1 LACM; 1 SBMNH)
Range: Also known from mainland (Bousquet 2012).

Lebiini

Notes. Fourteen genera and 39 species of Lebiini are known to occur in California (Bousquet 2012; M Gimmel, unpublished data).

Apristus Chaudoir, 1846

Nomenclatural Authority: Bousquet (2012)

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

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

Apristus pugetanus Casey, 1920

Nomenclatural Authority: Bousquet (2012)

Literature Records: none

Digitized Records: Santa Cruz (11 CASC)

Range: Also known from mainland (Bousquet 2012).

Axinopalpus LeConte, 1846

Nomenclatural Authority: Bousquet (2012)

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

Axinopalpus biplagiatus (Dejean, 1825)

Nomenclatural Authority: Bousquet (2012)

Literature Records: none

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

Range: Also known from mainland (Bousquet 2012).

Dromius Bonelli, 1810

Nomenclatural Authority: Bousquet (2012)

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

Dromius piceus Dejean, 1831

Nomenclatural Authority: Bousquet (2012)

Literature Records: none

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

Range: Also known from mainland (Bousquet 2012).

Lebia Latreille, 1802

Nomenclatural Authority: Bousquet (2012)

Notes. Ten species of *Lebia* have been recorded from California (Bousquet 2012). The North American species were revised by Madge (1967).

Lebia (*Lebia*) *cyanipennis* Dejean, 1831

Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Cruz (2 SBMNH), Santa Rosa (2 SBMNH)
Range: Also known from mainland (Madge 1967).

Lebia (*Lebia*) *perita* Casey, 1920
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (1 SBMNH)
Range: Also known from mainland (Madge 1967).

Microlestes Schmidt-Göbel, 1846
Nomenclatural Authority: Bousquet (2012)
Notes. Five species of *Microlestes* have been recorded from California (Bousquet 2012). Lindroth (1969) reviewed the North American species known at the time.

Microlestes undetermined species
Literature Records: none
Digitized Records: Santa Rosa (1 LACM)

Notiophilini

Notes. One genus and four species of Notiophilini have been recorded from California (Bousquet 2012).

Notiophilus Duméril, 1805
Nomenclatural Authority: Bousquet (2012)
Notes. Four species of *Notiophilus* have been recorded from California (Bousquet 2012). These were reviewed and keyed by Lindroth (1961).

Notiophilus semiopacus Eschscholtz, 1833
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Catalina (Fall 1906: 91)
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Fall 1906; Bousquet 2012).
Notes. Based on examination of the voucher specimen, the Santa Cruz Island record of "*Notiophilus* sp." in Naughton et al. (2014: 303) refers to this species (MLG, personal observation).

Omophronini

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

Omophron Latreille, 1802

Nomenclatural Authority: Bousquet (2012)

Notes. Six species of *Omophron* have been recorded from California (Bousquet 2012). The genus was revised and keyed for North America by Benschoter & Cook (1956).

Omophron dentatum LeConte, 1852

Nomenclatural Authority: Bousquet (2012)

Literature Records: Santa Cruz (LeConte 1876: 298; Fall 1897: 236; Fall & Davis 1934: 144), Santa Rosa (Fall 1897: 236; Benschoter & Cook 1956: 422)

Digitized Records: Santa Catalina (4 CASC; 67 LACM; 1 SBMNH), Santa Cruz (22 CASC; 1 LACM; 9 SBMNH; 8 UASM), Santa Rosa (3 CASC; 12 SBMNH)

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

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

Platynini

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

Agonum Bonelli, 1810

Nomenclatural Authority: Bousquet (2012)

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

Notes. Twenty-one species of *Agonum* have been recorded from California (Bousquet 2012). Liebherr (1994) provided a key to the North American species.

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

Nomenclatural Authority: Bousquet (2012)

Literature Records: none

Digitized Records: Santa Cruz (1 EMEC)

Range: Also known from mainland (Bousquet 2012).

Agonum (*Europhilus*) *limbatum* Motschulsky, 1845

Nomenclatural Authority: Bousquet (2012)

Literature Records: Santa Catalina (Fall 1897: 236)

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

LACM; 7 SBMNH), Santa Rosa (5 LACM)
Range: Also known from mainland (Bousquet 2012).
Notes. This species was recorded by Fall (1897) as *Platynus variolatus* LeConte, 1851. It has been recorded in the recent literature as *Agonum variolatum* (LeConte, 1851), which is now considered a junior synonym of *A. limbatum*. Reported from the "Channel Islands" by Bousquet (2012: 1202).

Agonum (*Olisares*) *decorum* (Say, 1823)
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Cruz (Liebherr 1983: 350 [map]; Liebherr 1986: 130 [map])
Digitized Records: Santa Cruz (1 CASC)
Range: Also known from mainland (Liebherr 1983, 1986).

Agonum (*Olisares*) *punctiforme* (Say, 1823)
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: San Clemente (9 SBMNH), San Miguel (1 SBMNH), San Nicolas (4 SBMNH)
Range: Also known from mainland (Bousquet 2012).

Anchomenus Bonelli, 1810
Nomenclatural Authority: Bousquet (2012)
Notes. Two species of *Anchomenus* have been recorded from California (Bousquet 2012). The genus was revised by Liebherr (1991).

Anchomenus funebris (LeConte, 1854)
Nomenclatural Authority: Bousquet (2012)
Literature Records: San Clemente (Liebherr 1991: 55), Santa Catalina (Fall 1897: 236), Santa Cruz (Fall & Davis 1934: 143; Liebherr 1991: 55)
Digitized Records: Santa Cruz (33 CASC; 10 SBMNH; 16 TAMU; 1 UCSB)
Range: Also known from mainland (Liebherr 1991; Bousquet 2012).
Notes. This species was recorded as *Platynus funebris* by Fall (1897) and Fall & Davis (1934). Reported from the "Channel Islands" by Bousquet (2012: 1183).

Platynus Bonelli, 1810
Nomenclatural Authority: Bousquet (2012)
Notes. Three species of *Platynus* have been recorded from California (Bousquet 2012). Liebherr & Will (1996) provided a key to the North American species of *Platynus* known at the time, including all Californian species.

Platynus brunneomarginatus (Mannerheim, 1843)
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Catalina (Seavey 1892: 262; Fall 1897: 236), Santa Cruz (LeConte 1876: 298; Fall 1897: 236; Fall & Davis 1934: 143; Liebherr & Will 1996: 317), Santa Rosa (Fall 1897: 236)
Digitized Records: San Clemente (3 CASC; 27 LACM; 6 SBMNH), San Miguel (10 SBMNH), Santa Catalina (3 CASC; 4 LACM; 2 SBMNH), Santa Cruz (19 CASC; 10 LACM; 19 SBMNH; 6 TAMU; 1 UCSB; 11 UASM), Santa Rosa (7 SBMNH)
Range: Also known from mainland (Liebherr & Will 1996; Bousquet 2012).
Notes. Reported from the "Channel Islands" by Bousquet (2012: 1244).

Tanystoma Motschulsky, 1845
Nomenclatural Authority: Bousquet (2012)
Notes. Four species of *Tanystoma* have been recorded from California (Bousquet 2012). The species were revised by Liebherr (1985).

Tanystoma cuyama Liebherr, 1985
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Rosa (9 SBMNH)
Range: Also known from mainland (Liebherr 1985).

Tanystoma maculicolle (Dejean, 1828)
Nomenclatural Authority: Bousquet (2012)
Literature Records: Anacapa (Liebherr 1985: 1193 [map]; Liebherr & Hajek 1986: 22), San Clemente (Liebherr 1984: 538; Liebherr 1985: 1193 [map]; Liebherr & Hajek 1986: 22), San Miguel (Liebherr 1985: 1193 [map]; Liebherr & Hajek 1986: 22), San Nicolas (Liebherr 1985: 1193 [map]; Liebherr & Hajek 1986: 22), Santa Catalina (Baker 1905: 59; Liebherr 1984: 538; Liebherr 1985: 1193 [map]; Liebherr & Hajek 1986: 22), Santa Cruz (Fall & Davis 1934: 143; Liebherr 1984: 538; Liebherr 1985: 1193 [map]; Liebherr & Hajek 1986: 22), Santa Rosa (Fall 1897: 236; Liebherr 1985: 1193 [map]; Liebherr & Hajek 1986: 22)
Digitized Records: San Clemente (8 CASC; 2 LACM; 4 SBMNH), San Miguel (10 CASC; 12 SBMNH), San Nicolas (14 CASC; 1 SBMNH), Santa Catalina (18 CASC; 3 LACM; 13 SBMNH), Santa Cruz (10 CASC; 14 SBMNH; 1 iNat), Santa Rosa (22 CASC; 29 SBMNH; 1 iNat)
Range: Also known from mainland (Liebherr 1984, 1985; Bousquet 2012).
Notes. This species was recorded as *Platynus maculicollis* by Baker (1905), Fall (1897), and Fall & Davis (1934). Populations of this species from the Channel Islands are

predominantly brachypterous (Liebherr & Hajek 1986). Reported from the "Channel Islands" by Bousquet (2012: 1197).

Pogonini

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

Thalassotrechus Van Dyke, 1918

Nomenclatural Authority: Bousquet (2012)

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

Thalassotrechus barbarae (Horn, 1892)

Nomenclatural Authority: Bousquet (2012)

Literature Records: none

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

Range: Also known from mainland (Bousquet 2012).

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

Pterostichini

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

Poecilus Bonelli, 1810

Nomenclatural Authority: Bousquet (2012)

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

Notes. Five species of *Poecilus* have been recorded from California (Bousquet 2012). The genus needs revision (Bousquet 2012), but Lindroth's (1966) key includes all but one of the California species. The iNaturalist observation cited above appears to represent *P. laetulus*.

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

Nomenclatural Authority: Bousquet (2012)

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

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

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

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

Pterostichus Bonelli, 1810

Nomenclatural Authority: Bousquet (2012)

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

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

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

Pterostichus (*Bothriopterus*) *lustrans* LeConte, 1851

Nomenclatural Authority: Bousquet (2012)

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

Digitized Records: Santa Cruz (10 SBMNH)

Range: Also known from mainland (Bousquet 2012).

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

Pterostichus (*Hypherpes*) *gliscans* Casey, 1913

Nomenclatural Authority: Bousquet (2012)

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

Digitized Records: San Miguel (28 LACM)

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

Pterostichus (*Hypherpes*) *illustris* LeConte, 1851

Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Catalina (2 CASC; 1 EMEC)
Range: Also known from mainland (Bousquet 2012).

Pterostichus (*Hypherpes*) *inermis* Fall, 1901
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Cruz (28 EMEC)
Range: Also known from mainland (Bousquet 2012).

Pterostichus (*Hypherpes*) *isabellae* LeConte, 1851
Nomenclatural Authority: Bousquet (2012)
Literature Records: San Clemente (Fall 1897: 236), Santa Catalina (Fall 1897: 236)
Digitized Records: none
Range: Also known from mainland (Fall 1901; Bousquet 2012).
Notes. Fall (1901: 45) collectively reported this and other species from "the islands off the coast". Reported from the "Channel Islands" by Bousquet (2012: 847).

Pterostichus (*Hypherpes*) *jacobinus* Casey, 1913
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: Santa Catalina (1 EMEC)
Range: Also known from mainland (Bousquet 2012).

Pterostichus (*Hypherpes*) *menetriesii* LeConte, 1873
Nomenclatural Authority: Bousquet (2012)
Literature Records: Santa Rosa (Fall 1897: 236; Fall 1901: 44; Bousquet 2012: 849)
Digitized Records: San Miguel (84 CASC), Santa Cruz (4 CASC)
Range: Also known from mainland (Bousquet 2012).
Notes. This species was thought to be endemic to the Channel Islands by Fall (1901).

Sphodrini

Notes. Two genera and four species of Sphodrini are known to occur in California (Bousquet 2012).

Calathus Bonelli, 1810

Nomenclatural Authority: Bousquet (2012)
Digitized Records (genus-only): Santa Cruz (18 UASM)

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

Calathus (*Neocalathus*) *ruficollis* Dejean, 1828

Nomenclatural Authority: Bousquet (2012)

Literature Records: Anacapa (Cockerell 1940: 285; Ball & Negre 1972: 481 [map]), San Clemente (Ball & Negre 1972: 481 [map]), San Miguel (Cockerell 1940: 285; Ball & Negre 1972: 481 [map]), Santa Catalina (Fall 1897: 236; Baker 1905: 59; Cockerell 1940: 285; Ball & Negre 1972: 481 [map]), Santa Cruz (LeConte 1876: 298; Fall 1897: 236; Fall & Davis 1934: 143; Cockerell 1940: 285; Ball & Negre 1972: 481 [map]; Naughton et al. 2014: 303), Santa Rosa (Fall 1897: 236; Ball & Negre 1972: 481 [map])

Digitized Records: Anacapa (6 LACM; 1 SBMNH), San Miguel (183 LACM; 16 SBMNH), Santa Catalina (1 CSUC; 9 LACM; 21 SBMNH), Santa Cruz (18 LACM; 31 SBMNH; 4 UCSB), Santa Rosa (55 LACM; 18 SBMNH)

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

Notes. This species was cited as *C. ruficollis*, without subspecies, by authors prior to Ball & Negre (1972), who determined that the only subspecies occurring in southern California is the nominate subspecies, *C. r. ruficollis* Dejean, 1828. Prior records of *Calathus obscurus* LeConte (Baker 1905: 59; Fall 1897: 236; Cockerell 1940: 285) also refer to this species, which was later synonymized with *C. ruficollis* (see Ball & Negre 1972). Cockerell's (1940: 285) records from Anacapa, San Miguel, and Santa Cruz were cited as *Calathus insularis* Casey, which was also later synonymized with *C. ruficollis* (see Ball & Negre 1972). Reported from the "Channel Islands" by Bousquet (2012: 1169).

Laemostenus Bonelli, 1810

Nomenclatural Authority: Bousquet (2012)

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

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

Nomenclatural Authority: Bousquet (2012)

Literature Records: none

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

Range: Also known from mainland (Bousquet 2012).

Zabrini

Notes. One genus and 36 species of Zabrini are known to occur in California (Bousquet 2012).

Amara Bonelli, 1810

Nomenclatural Authority: Bousquet (2012)

Digitized Records (genus-only): Anacapa (6 ASUHIC), San Clemente (7 LACM), San Nicolas (3 LACM; 1 SBMNH), Santa Barbara (17 LACM; 4 SBMNH), Santa Cruz (7 UCSB; 1 iNat), Santa Rosa (1 LACM; 9 SBMNH)

Notes. Nine subgenera and 36 species of *Amara* have been recorded from California (Bousquet 2012). Miller & Miller (1985) reported many specimens from Santa Barbara Island not determined to species, noting the need for revision of the genus.

Amara (*Amara*) *aurata* Dejean, 1828

Nomenclatural Authority: Bousquet (2012)

Literature Records: San Clemente (Casey 1918: 274; Miller 1985a: 19; Hieke 1993: 121; Bousquet 2012: 929)

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

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

Notes. This species was recorded as the purported endemic *Celia clementina* Casey, 1918 by Casey (1918), and by Miller (1985a) as *Amara clementina*. It was subsequently synonymized with *A. aurata* by Hieke (1993).

Amara (*Amara*) *conflata* LeConte, 1855

Nomenclatural Authority: Bousquet (2012)

Literature Records: none

Digitized Records: Santa Cruz (4 CASC)

Range: Also known from mainland (Bousquet 2012).

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

Amara (*Amara*) *pomona* Casey, 1918

Nomenclatural Authority: Bousquet (2012)

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

Digitized Records: none

Range: Also known from mainland (Hieke 1993).

Notes. This species was recorded as *Amara brunnipes* Motschulsky, 1859 by Hieke (1993), which is a junior primary homonym with *A. pomona* as the next available name.

Amara (*Bradytus*) *insignis* Dejean, 1831

Nomenclatural Authority: Bousquet (2012)

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

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

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

Amara (*Bradytus*) *insularis* Horn, 1875
Nomenclatural Authority: Bousquet (2012)
Literature Records: San Clemente (Horn 1875: 128; Fall 1897: 236; Casey 1918: 295; Cockerell 1940: 285; Lindroth 1968: 692; Miller 1985a: 19; Miller & Miller 1985: 123), San Nicolas (Fall 1897: 236; Hayward 1908: 51; Cockerell 1940: 285), Santa Barbara (Fall 1897: 236; Hayward 1908: 51; Cockerell 1940: 285), Santa Rosa (Hayward 1908: 51)
Digitized Records: Anacapa (4 CASC), San Clemente (31 CASC; 1 LACM; 10 SBMNH), San Miguel (2 CASC; 7 LACM; 2 SBMNH), San Nicolas (18 CASC; 201 LACM; 2 SBMNH), Santa Barbara (3 CASC; 89 LACM; 36 SBMNH), Santa Catalina (6 CASC), Santa Cruz (3 CASC; 8 SBMNH), Santa Rosa (3 CASC; 2 LACM; 18 SBMNH)
Range: Endemic (Horn 1875; Fall 1897; Hayward 1908; Casey 1918; Cockerell 1940; Lindroth 1968; Miller 1985a; Bousquet 2012).
Notes. Fall (1901) reported this species from "all the islands". Lindroth (1968: 692) incorrectly stated that this species was only known from the type locality (San Clemente Island), though Miller (1985a) noted that "published records from other islands [than San Clemente] cannot be trusted." This species, however, is questionably distinct from *A. insignis* (see Notes in that species account above).

Amara (*Celia*) *californica* Dejean, 1828
Nomenclatural Authority: Bousquet (2012)
Literature Records: San Clemente (Casey 1918: 294; Lindroth 1968: 693; Lindroth 1975: 131; Bousquet 2012: 915), Santa Cruz (LeConte 1876: 298; Fall 1897: 236; Fall & Davis 1934: 143), Santa Rosa (Fall 1897: 236)
Digitized Records: Anacapa (40 CASC), San Clemente (5 CASC), San Miguel (21

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

Amara (*Zezea*) *scitula* Zimmermann, 1832
Nomenclatural Authority: Bousquet (2012)
Literature Records: none
Digitized Records: San Miguel (1 CASC)
Range: Also known from mainland (Bousquet 2012).

Cicindelidae

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

Cicindelini

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

Cicindela Linnaeus, 1758

Nomenclatural Authority: Bousquet (2012)
Digitized Records: Santa Cruz (6 LACM)
Notes. Seventeen species of *Cicindela* are known to occur in California (Bousquet 2012; Perason et al. 2015).

Cicindela hirticollis Say, 1817
Nomenclatural Authority: Bousquet (2012); Pearson et al. (2015)
Literature Records: Santa Catalina (Nagano 1982: 36; Nagano 1985: 106; Graves, Krejci & Graves 1988: 653 [map]), Santa Rosa (Nagano 1982: 36; Nagano 1985: 106; Graves, Krejci & Graves 1988: 653 [map])
Digitized Records: none

Range: Also known from mainland (Nagano 1982, 1985; Graves, Krejci & Graves 1988; Bousquet 2012).
Notes. All coastal Southern California *C. hirticollis* belong to the subspecies *C. h. gravida* LeConte, 1851 (Nagano 1982, 1985; Graves, Krejci & Graves 1988). Recorded from the "Channel Islands" by Bousquet (2012: 362).

Cicindela oregona LeConte, 1856
Nomenclatural Authority: Bousquet (2012); Pearson et al. (2015)
Literature Records: Anacapa (Nagano 1985: 106), San Miguel (Nagano 1982: 36; Nagano 1985: 105), San Nicolas (Nagano 1982: 35; Nagano 1985: 106), Santa Catalina (Nagano 1982: 36; Nagano 1985: 106), Santa Cruz (Freitag 1965: 136; Nagano 1982: 35; Nagano 1985: 105), Santa Rosa (Fall 1897: 236; Nagano 1982: 36; Nagano 1985: 105)
Digitized Records: Anacapa (1 LACM), San Miguel (1 SBMNH; 14 LACM), San Nicolas (26 LACM), Santa Cruz (20 SBMNH; 1 UCSB; 36 LACM; 12 YPMC), Santa Rosa (2 SBMNH; 17 LACM)
Range: Also known from mainland (Freitag 1965; Nagano 1982, 1985; Bousquet 2012).
Notes. All coastal Southern California *C. oregona* belong to the nominate subspecies, *C. o. oregona* LeConte, 1856 (Nagano 1982, 1985). Recorded from the "Channel Islands" by Bousquet (2012: 367).

Cicindela senilis Horn, 1867
Nomenclatural Authority: Bousquet (2012); Pearson et al. (2015)
Literature Records: San Clemente (Nagano 1982: 37; Nagano 1985: 107)
Digitized Records: San Clemente (60 LACM; 3 SBMNH)
Range: Also known from mainland (Nagano 1982, 1985; Bousquet 2012).
Notes. The Channel Islands form of this species was referred to as the subspecies *C. s. frosti* Varas Arangua, 1928 by Nagano (1982, 1985), but subspecies were not recognized for this species by Bousquet (2012). Pearson et al. (2015) noted that "some authors" recognize these subspecies. This species was recorded from the "Channel Islands" by Bousquet (2012: 325).

Cicindelidia Rivalier, 1954
Nomenclatural Authority: Bousquet (2012); Pearson et al. (2015)
Notes. Four species of *Cicindelidia* are known to occur in California (Bousquet 2012; Pearson et al. 2015). Bousquet (2012) treated this taxon as a subgenus of *Cicindela*.

Cicindelidia hemorrhagica (LeConte, 1851)
Nomenclatural Authority: Bousquet (2012); Pearson et al. (2015)
Literature Records: San Nicolas (Nagano 1982: 39; Nagano 1985: 109), Santa Cruz (Nagano 1982: 39; Nagano 1985: 109)

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

Cicindelidia trifasciata (Fabricius, 1781)
Nomenclatural Authority: Bousquet (2012); Pearson et al. (2015)
Literature Records: Santa Catalina (Nagano 1982: 38; Nagano 1985: 109)
Digitized Records: Santa Catalina (3 SBMNH; 132 LACM; 1 SDNHM)
Range: Also known from mainland (Nagano 1982, 1985; Bousquet 2012).
Notes. All Southern California *C. trifasciata* belong to the subspecies *C. t. sigmoidea* (LeConte, 1851) (Nagano 1982, 1985). Recorded from the "Channel Islands" by Bousquet (2012: 326); Nagano (1982, 1985) and Bousquet (2012) listed this species as *Cicindela trifasciata sigmoidea*.

Dytiscidae

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

Agabinae: Agabini

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

Agabinus Crotch, 1873
Nomenclatural Authority: Nilsson & Hájek (2018)
Digitized Records (genus-only): Santa Cruz (1 UCSB)
Notes. Two species of *Agabinus* are known to occur in California (Challet & Brett 1998).

Agabinus glabrellus (Motschulsky, 1859)

Nomenclatural Authority: Nilsson & Hájek (2018)
Literature Records: Santa Catalina (Fall 1897: 236; Fall 1901: 53; Challet 1987: 13), Santa Cruz (Furlong & Wenner 2002: 250)
Digitized Records: Santa Catalina (1 LACM; 8 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (4 SBMNH)
Range: Also known from mainland (Challet & Brett 1998).

Agabinus sculpturellus Zimmermann, 1919
Nomenclatural Authority: Nilsson & Hájek (2018)
Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)
Digitized Records: none
Range: Also known from mainland (Challet & Brett 1998).

Agabus Leach, 1817
Nomenclatural Authority: Nilsson & Hájek (2018)
Notes. Sixteen species of *Agabus* are known to occur in California (Challet & Brett 1998; M Gimmel, unpublished data). These species are best separated by examination of the male genitalia (Larson, Alarie & Roughley 2000).

Agabus obsoletus LeConte, 1858
Nomenclatural Authority: Nilsson & Hájek (2018)
Literature Records: none
Digitized Records: San Miguel (5 SBMNH)
Range: Also known from mainland (Challet & Brett 1998).

Ilybiosoma Crotch, 1873
Nomenclatural Authority: Nilsson & Hájek (2018)
Notes. Eight species of *Ilybiosoma* are known to occur in California (Challet & Brett 1998; M Gimmel, unpublished data).

Ilybiosoma lugens (LeConte, 1852)
Nomenclatural Authority: Nilsson & Hájek (2018)
Literature Records: Santa Catalina (Challet 1987: 13), Santa Rosa (Fall 1897: 236)
Digitized Records: San Nicolas (2 SBMNH), Santa Catalina (58 SBMNH), Santa Cruz (9 SBMNH), Santa Rosa (6 LACM; 10 SBMNH)
Range: Also known from mainland (Challet & Brett 1998).
Notes. Reported as *Agabus lugens* by Fall (1897) and Challet (1987). Specimens of this species are indistinguishable from another California species, *Ilybiosoma perplexum* (Sharp, 1882), except by male genitalia (Larson, Alarie & Roughley 2000). The San Nicolas Island specimens were both female; consequently, once discovered, male

specimens matching the description of *I. lugens* from that island should be dissected to confirm their identity.

Ilybiosoma regulare (LeConte, 1852)
Nomenclatural Authority: Nilsson & Hájek (2018)
Literature Records: none
Digitized Records: Santa Cruz (5 SBMNH), Santa Rosa (3 SBMNH)
Range: Also known from mainland (Challet & Brett 1998).

Ilybiosoma seriatum (Say, 1823)
Nomenclatural Authority: Nilsson & Hájek (2018)
Literature Records: none
Digitized Records: Santa Cruz (2 SBMNH), Santa Rosa (4 SBMNH)
Range: Also known from mainland (Challet & Brett 1998).

Ilybius Erichson, 1832
Nomenclatural Authority: Nilsson & Hájek (2018)
Notes. Ten species of *Ilybius* are known to occur in California (Challet & Brett 1998; M Gimmel, unpublished data). These species are best separated by examination of the male genitalia (Larson, Alarie & Roughley 2000).

Ilybius discors (LeConte, 1861)
Nomenclatural Authority: Nilsson & Hájek (2018)
Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)
Digitized Records: none
Range: Also known from mainland (Challet & Brett 1998).
Notes. Reported by Furlong & Wenner (2002) as *Agabus discors*.

Ilybius lineellus (LeConte, 1861)
Nomenclatural Authority: Nilsson & Hájek (2018)
Literature Records: none
Digitized Records: Santa Cruz (2 SBMNH)
Range: Also known from mainland (Challet & Brett 1998).

Ilybius walsinghami (Crotch, 1873)
Nomenclatural Authority: Nilsson & Hájek (2018)
Literature Records: San Clemente (Larson 1996: 665 [map only])
Digitized Records: Santa Rosa (17 SBMNH)
Range: Also known from mainland (Larson 1996; Challet & Brett 1998).
Notes. Reported by Larson (1996) as *Agabus walsinghami*.

Colymbetinae

Notes. Two genera, and 10 species of Colymbetinae have been recorded from California (Challet & Brett 1998; M Gimmel, unpublished data), all belonging to the tribe Colymbetini.

Rhantus Dejean, 1833

Nomenclatural Authority: Nilsson & Hájek (2018)

Notes. Seven species of *Rhantus* are known to occur in California (Challet & Brett 1998; M Gimmel, unpublished data).

Rhantus gutticollis (Say, 1830)

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: San Clemente (Zimmerman & Smith 1975: 52), Santa Catalina (Challet 1987: 13), Santa Cruz (Furlong & Wenner 2002: 250)

Digitized Records: San Clemente (28 SBMNH), San Nicolas (1 SBMNH), Santa Catalina (57 LACM; 6 SBMNH), Santa Cruz (5 SBMNH), Santa Rosa (3 SBMNH)

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

Dytiscinae

Notes. Five tribes, seven genera, and 14 species of Dytiscinae have been recorded from California (M Gimmel, unpublished data).

Dytiscini

Notes. One genus and four species of Dytiscini are known to occur in California (Challet & Brett 1998).

Dytiscus Linnaeus, 1758

Nomenclatural Authority: Nilsson & Hájek (2018)

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

Dytiscus marginicollis LeConte, 1845

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: Santa Catalina (Challet 1987: 13)

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

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

Eretini

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

Eretes Laporte, 1833

Nomenclatural Authority: Nilsson & Hájek (2018)

Notes. One species of *Eretes* has been reported from California (Challet & Brett 1998). This genus was revised by Miller (2002).

Eretes sticticus (Linnaeus, 1767)

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: none

Digitized Records: Santa Catalina (2 LACM)

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

Hydroporinae

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

Bidessini

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

Liodessus Guignot, 1939

Nomenclatural Authority: Nilsson & Hájek (2018)

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

Liodessus obscurellus (LeConte, 1852)

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: none

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

Range: Also known from mainland (Miller 1998).

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

Neoclypeodytes Young, 1967

Nomenclatural Authority: Nilsson & Hájek (2018)

Notes. Seven species of *Neoclypeodytes* have been reported from California (Miller 2001). The genus was revised by Miller (2001).

Neoclypeodytes pictodes (Sharp, 1882)

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: none

Digitized Records: Santa Rosa (16 SBMNH)

Range: Also known from mainland (Challet & Brett 1998; Miller 2001).

Uvarus Guignot, 1939

Nomenclatural Authority: Nilsson & Hájek (2018)

Notes. One species of *Uvarus* is known to occur in California (Challet & Brett 1998).

Uvarus subtilis (LeConte, 1852)

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: none

Digitized Records: Santa Cruz (6 SBMNH), Santa Rosa (2 SBMNH)

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

Hydroporini

Notes. Eleven genera and 49 species of Hydroporini are known to occur in California (Challet & Brett 1998; M Gimmel, unpublished data).

Leconectes Fery & Ribera, 2018

Nomenclatural Authority: Fery & Ribera (2018)

Notes. One species of *Leconectes* is known to occur in California (M Gimmel, unpublished data).

Leconectes striatellus (LeConte, 1852)

Nomenclatural Authority: Fery & Ribera (2018)

Literature Records: Santa Catalina (Challet 1987: 13), Santa Rosa (Fall 1897: 236)

Digitized Records: San Clemente (1 SBMNH), San Miguel (2 SBMNH), Santa Catalina (54 LACM; 2 SBMNH), Santa Cruz (14 SBMNH; 1 UCSB), Santa Rosa (11 SBMNH)

Range: Also known from mainland (Challet & Brett 1998; Fery & Ribera 2018).

Notes. Fall (1897) and Challet (1987) reported this species as *Deronectes striatellus*; it has also been known as *Stictotarsus striatellus* or *Boreonectes striatellus* until recently (Fery & Ribera 2018).

Sanfilippodytes Franciscolo, 1979

Nomenclatural Authority: Nilsson & Hájek (2018)

Digitized Records (genus-only): Santa Cruz (8 EMEC)

Notes. Thirteen species of *Sanfilippodytes* are known to occur in California (Challet & Brett 1998).

Sanfilippodytes barbarensis (Wallis, 1933)

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: none

Digitized Records: Santa Catalina (7 SBMNH), Santa Cruz (9 SBMNH), Santa Rosa (34 SBMNH)

Range: Also known from mainland (Nilsson & Hájek 2018).

Sanfilippodytes latebrosus (LeConte, 1852)

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: none

Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (12 SBMNH)

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

Sanfilippodytes vilis (LeConte, 1852)

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: Santa Catalina (Challet 1987: 13), Santa Cruz (Furlong & Wenner 2002: 250)

Digitized Records: San Miguel (7 SBMNH), San Nicolas (8 SBMNH)

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

Notes. According to Challet (1987: 13), Fall (1897) originally reported this species as *Hydroporus vilis* from Santa Catalina and Santa Rosa, but later (Fall 1923) indicated that these records referred to *H. belfragei* (see *S. williami* below). All of the foregoing species were subsequently transferred to *Sanfilippodytes*.

Sanfilippodytes williami (Rochette, 1986)

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: Santa Catalina (Fall 1897: 236; Fall 1923: 59; Rochette 1986: 341; Challet 1987: 13), Santa Rosa (Fall 1897: 236)

Digitized Records: Santa Cruz (3 SBMNH)

Range: Also known from mainland (Rochette 1986; Challet & Brett 1998).

Notes. Fall (1897: 236) misidentified this species as *Hydroporus vilis* LeConte. Fall (1923) and Challet (1987) corrected the identification to *Hydroporus belfragei* Sharp, 1882. Finally, Rochette (1986) described the new species *H. williami* that included the

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

Hydrovatini

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

Hydrovatus Motschulsky, 1853

Nomenclatural Authority: Nilsson & Hájek (2018)

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

Hydrovatus brevipes Sharp, 1882

Nomenclatural Authority: Nilsson & Hájek (2018)

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

Digitized Records: none

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

Hygrotini

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

Hygrotus Stephens, 1828

Nomenclatural Authority: Nilsson & Hájek (2018)

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

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

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: Santa Catalina (Challet 1987: 13)

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

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

Laccophilinae

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

Laccophilus Leach, 1815

Nomenclatural Authority: Nilsson & Hájek (2018)

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

Laccophilus fasciatus Aubé, 1838

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: Santa Catalina (Challet 1987: 13)

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

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

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

Laccophilus maculosus (Germar, 1823)

Nomenclatural Authority: Nilsson & Hájek (2018)

Literature Records: Santa Catalina (Challet 1987: 13)

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

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

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

Gyrinidae

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

Gyrinus Müller, 1764

Nomenclatural Authority: Oygur & Wolfe (1991)

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

Gyrinus plicifer LeConte, 1852

Nomenclatural Authority: Oygur & Wolfe (1991)

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

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

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

Haliplidae

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

Haliplus Latreille, 1802

Nomenclatural Authority: Vondel (2021)

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

Haliplus undetermined species

Literature Records: none

Digitized Records: Santa Catalina (4 LACM)

Peltodytes Régimbart, 1879

Nomenclatural Authority: Vondel (2021)

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

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

Nomenclatural Authority: Vondel (2021)

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

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

Range: Also known from mainland (Vondel 2021).

MYXOPHAGA

Hydroscaphidae

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

Hydroscapha LeConte, 1874

Nomenclatural Authority: Reichardt & Hinton (1976)

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

Hydroscapha natans LeConte, 1874

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

Sphaeriusidae, NEW FAMILY RECORD

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

Sphaerius Waltl, 1838
Nomenclatural Authority: Reichardt (1973)
Notes. Two species of *Sphaerius* have been recorded from California (Reichardt 1973).

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

POLYPHAGA

SCIRTOIDEA

Scirtidae

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

Scirtidae undetermined genus and species
Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)
Digitized Records: none
Notes. Furlong & Wenner (2002) did not indicate number of specimens, adult or larva, or specimen deposition of their record of “Scirtidae” from Santa Cruz Island.

CLAMBOIDEA

Clambidae

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

Clambus Fischer von Waldheim, 1820

Nomenclatural Authority: Endrődy-Younga (1981)

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

Clambus undetermined species

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

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

Loricaster Mulsant & Rey, 1861

Nomenclatural Authority: Endrődy-Younga (1981)

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

Loricaster rotundus Grigarick & Schuster, 1961

Nomenclatural Authority: Endrődy-Younga (1981)

Literature Records: none

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

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

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

DASCILLOIDEA

Dascillidae, NEW FAMILY RECORD

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

Karumiinae

Anorus LeConte, 1859

Nomenclatural Authority: Johnston & Gimmel (2020)

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

Anorus piceus LeConte, 1859

Nomenclatural Authority: Johnston & Gimmel (2020)

Literature Records: none

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

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

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

Rhipiceridae, NEW FAMILY RECORD

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

Sandalus Knoch, 1801

Nomenclatural Authority: Schnepp & Powell (2018)

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

Sandalus cribricollis Van Dyke, 1923

Nomenclatural Authority: Schnepp & Powell (2018)

Literature Records: none

Digitized Records: Santa Catalina (1 UCRC)

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

BUPRESTOIDEA

Buprestidae

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

Agrilinae: Agrilini

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

Agrilus Curtis, 1825

Nomenclatural Authority: Nelson et al. (2008)

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

Agrilus quadriguttatus Gory, 1841

Nomenclatural Authority: Nelson et al. (2008)

Literature Records: none

Digitized Records: Santa Cruz (14 SBMNH)

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

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

Buprestinae

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

Anthaxiini

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

Anthaxia Eschscholtz, 1829

Nomenclatural Authority: Nelson et al. (2008)

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

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

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

Nomenclatural Authority: Nelson et al. (2008)

Literature Records: none

Digitized Records: Santa Cruz (4 SBMNH)

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

Buprestini

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

Buprestis Linnaeus, 1758

Nomenclatural Authority: Nelson et al. (2008)

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

Buprestis (*Cypriacis*) *aurulenta* Linnaeus, 1767

Nomenclatural Authority: Nelson et al. (2008)

Literature Records: Santa Cruz (Cockerell 1940: 286)

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

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

Chrysobothrini

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

Chrysobothris Eschscholtz, 1829

Nomenclatural Authority: Nelson et al. (2008)

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

Chrysobothris mali Horn, 1886

Nomenclatural Authority: Nelson et al. (2008)

Literature Records: none

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

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

Melanophilini

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

Melanophila Eschscholtz, 1829

Nomenclatural Authority: Nelson et al. (2008)

Notes. Four species of *Melanophila* have been recorded from California (Nelson et al. 2008). The genus was revised for North America by Sloop (1937).

Melanophila consputa LeConte, 1857

Nomenclatural Authority: Nelson et al. (2008)

Literature Records: none

Digitized Records: Santa Catalina (4 iNat)

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

Polycestinae: Acmaeoderini

Notes. Five tribes, eight genera, and 119 species of Polycestinae are known to occur in California, of which four genera and 102 species belong to Acmaeoderini (Nelson et al. 2008).

Acmaeodera Eschscholtz, 1829

Nomenclatural Authority: Nelson et al. (2008)

Digitized Records (genus-only): Santa Cruz (4 UCSB)

Notes. Cockerell (1940: 286) relayed information from H.C. Fall that *Acmaeodera connexa* LeConte, 1859 (which he misspelled as "*A. convexa*") was erroneously recorded from Santa Rosa (Fall 1897: 237). A total of 78 species of *Acmaeodera* has been recorded from California (Nelson et al. 2008).

Acmaeodera (*Acmaeodera*) *hepburnii* LeConte, 1860

Nomenclatural Authority: Nelson et al. (2008)

Literature Records: Santa Catalina (Bellamy 1982: 359), Santa Cruz (Nelson 1962: 56; Bellamy 1982: 359), Santa Rosa (Fall 1897: 237; Cockerell 1940: 286)

Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (41 CASC; 10 LACM; 29 SBMNH; 6 UCSB; 1 iNat), Santa Rosa (2 SBMNH)

Range: Also known from mainland (Nelson 1962; Nelson et al. 2008).

Notes. Often misspelled *Acmaeodera hepburni*.

Acmaeodera (*Acmaeodera*) *mariposa* Horn, 1878

Nomenclatural Authority: Nelson et al. (2008)

Literature Records: none

Digitized Records: Santa Cruz (3 SBMNH)

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

Notes. The subspecies occurring on the islands is *A. m. dohrni* Horn, 1878 (N Woodley, 2021, pers. comm.).

Acmaeodera (*Acmaeodera*) *prorsa* Fall, 1899

Nomenclatural Authority: Nelson et al. (2008)

Literature Records: Santa Cruz (Bellamy 1982: 359)

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

Range: Also known from mainland (Bellamy 1982; Nelson et al. 2008).

DRYOPOIDEA

Dryopidae

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

Postelichus Nelson, 1989

Nomenclatural Authority: Shepard (1993)

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

Postelichus productus (LeConte, 1852)

Nomenclatural Authority: Barr & Shepard (in press)

Literature Records: Santa Catalina (Fall 1897: 237)

Digitized Records: none

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

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

Elmidae

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

Ordobrevia Sanderson, 1953

Nomenclatural Authority: Shepard (1993)

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

Ordobrevia nubifera (Fall, 1901)

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

Heteroceridae

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

Heterocerus Fabricius, 1792
Nomenclatural Authority: Shepard (1993)
Digitized Records (genus-only): San Clemente (11 SBMNH), San Nicolas (5 SBMNH), Santa Catalina (7 SBMNH), Santa Cruz (7 SBMNH), Santa Rosa (16 SBMNH)
Notes. Eight species of *Heterocerus* have been recorded from California (Shepard 1993).

Heterocerus mexicanus Sharp, 1882
Nomenclatural Authority: Shepard (1993); King, Starr & Lago (2011)
Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)
Digitized Records: Santa Cruz (3 SBMNH)
Range: Also known from mainland (Brown 1972).
Notes. This species has been known in the literature (Pacheco 1964; Shepard 1993) as *Dampfius mexicanus*. However, the genus *Dampfius* Pacheco, 1964 was synonymized with *Heterocerus* by King, Starr & Lago (2011).

Limnichidae, NEW FAMILY RECORD

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

Limnichites Casey, 1889
Nomenclatural Authority: Wooldridge (1977)
Notes. Three species of *Limnichites* have been recorded from California (Shepard 1993). Wooldridge (1977) provided the most recent revision of this genus.

Limnichites nebulosus (LeConte, 1879)
Nomenclatural Authority: Wooldridge (1977)

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

ELATEROIDEA

Cantharidae

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

Cantharinae

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

Cantharini

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

Cultellunguis McKey-Fender, 1950

Nomenclatural Authority: Ramsdale (2002)
Digitized Records (genus-only): Santa Catalina (3 SBMNH), Santa Cruz (8 SBMNH)
Notes. This genus contains nine species restricted to the Pacific coast of North America (Ramsdale 2002), all of which occur in California (McKey-Fender 1950).

Cultellunguis americanus (Pic, 1906)
Nomenclatural Authority: McKey-Fender (1950); Ramsdale (2002)
Literature Records: Santa Catalina (Fall 1897: 237)
Digitized Records: none
Range: Also known from mainland (McKey-Fender 1950).
Notes. Listed as "*Telephorus notatus* Mann. var." by Fall (1897). *Telephorus notatus* Mannerheim, 1843 is an unavailable homonym which was replaced by *C. americanus* (see McKey-Fender 1950).

Cultellunguis hatchi (McKey-Fender, 1950)
Nomenclatural Authority: McKey-Fender (1950); Fender (1968); Ramsdale (2002)
Literature Records: Santa Catalina (McKey-Fender 1950: 65; Fender 1968: 301; Miller 1985a: 21), Santa Cruz (McKey-Fender 1950: 65; Naughton et al. 2014: 303)

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

Pacificanthia Kazantsev, 2002

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

Pacificanthia consors (LeConte, 1851)
Nomenclatural Authority: Kazantsev (2002)
Literature Records: Santa Cruz (Fall & Davis 1934: 144)
Digitized Records: Santa Catalina (32 LACM; 3 SBMNH; 1 iNat), Santa Cruz (11 LACM; 15 SBMNH; 8 UCSB), Santa Rosa (1 LACM)
Range: Also known from mainland (Kazantsev 2002).
Notes. Fall & Davis (1934) recorded this species as *Cantharis consors*.

Podabrini

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

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

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

Malthininae

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

Frostia Fender, 1951
Nomenclatural Authority: Fender (1951)
Notes. Four species of *Frostia* have been recorded from California (Fender 1951). This genus was described and revised by Fender (1951).

Frostia laticollis (LeConte, 1866)
Nomenclatural Authority: Fender (1951)
Literature Records: Santa Cruz (LeConte 1861: 351; Fall 1897: 237; Fall 1919: 35; Fall & Davis 1934: 144; Naughton et al. 2014: 303)
Digitized Records: Santa Cruz (20 SBMNH)
Range: Also known from mainland (Fall 1919; Fender 1951).
Notes. LeConte (1861) recorded this species as *Malthodes transversus* LeConte, 1861, but the name was subsequently corrected to *Malthodes laticollis* by LeConte (1866b: 53). At that time the species was considered to be endemic to Santa Cruz Island. Fall (1897, 1919) and Fall & Davis (1934) recorded this species as *Malthodes laticollis*. Fender (1951: 524) transferred this species to *Frostia*. Naughton et al. (2014) reported two specimens of the genus *Frostia* from Santa Cruz Island; one voucher (in SBMNH) was identified by MLG as *F. laticollis*.

Silinae

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

Silis Charpentier, 1825
Nomenclatural Authority: Ramsdale (2002)
Digitized Records (genus-only): Santa Cruz (1 SBMNH)

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

Silis carmelita Green, 1966

Nomenclatural Authority: Green (1966)

Literature Records: none

Digitized Records: Santa Rosa (1 SBMNH)

Range: Also known from mainland (Green 1966).

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

Elateridae

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

Agrypninae: Oophorini

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

Heteroderes Latreille, 1834

Nomenclatural Authority: Kundrata et al. (2019)

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

Heteroderes amplicollis (Gyllenhal, 1808)

Nomenclatural Authority: Stone (1975)

Literature Records: none

Digitized Records: Santa Rosa (1 LACM)

Range: Also known from mainland (Stone 1975).

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

Cardiophorinae

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

Cardiophorus Eschscholtz, 1829

Nomenclatural Authority: Douglas (2003)

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

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

Cardiophorus tenebrosus LeConte, 1853

Nomenclatural Authority: Douglas (2003)

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH)

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

Horistonotus Candèze, 1860

Nomenclatural Authority: Wells (2000)

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

Horistonotus inanus (LeConte, 1853)

Nomenclatural Authority: Wells (2000)

Literature Records: none

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

Range: Also known from mainland (Wells 2000).

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

Dendrometrinae; Dendrometrini

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

Athous Eschscholtz, 1829

Nomenclatural Authority: Etzler (2020b)

Notes. Seventeen species of *Athous* have been recorded from California (Becker 1979).

Athous axillaris Horn, 1871

Nomenclatural Authority: Becker (1979)

Literature Records: none

Digitized Records: Santa Cruz (17 SBMNH), Santa Rosa (7 SBMNH)

Range: Also known from mainland (Becker 1979).

Athous nigropilis Motschulsky, 1859

Nomenclatural Authority: Becker (1979)

Literature Records: none

Digitized Records: Santa Catalina (3 LACM)

Range: Also known from mainland (Becker 1979).

Athous rufiventris (Eschscholtz, 1822)

Nomenclatural Authority: Becker (1979)

Literature Records: none

Digitized Records: Santa Catalina (3 SBMNH), Santa Cruz (3 SBMNH)

Range: Also known from mainland (Becker 1979).

Hemicrepidius Germar, 1839

Nomenclatural Authority: Etzler (2020b)

Notes. Twelve species of *Hemicrepidius* have been recorded from California (Etzler 2020b).

Hemicrepidius californicus Becker, 1979

Nomenclatural Authority: Etzler (2020b)

Literature Records: none

Digitized Records: San Miguel (2 SBMNH), San Nicolas (4 LACM; 2 SBMNH)

Range: Also known from mainland (Etzler 2020b).

Hemicrepidius tumescens (LeConte, 1861)

Nomenclatural Authority: Etzler (2002b)

Literature Records: Santa Cruz (LeConte 1861: 348; Fall 1897: 237; Fall 1901: 114; Van Dyke 1932: 444; Etzler 2020b: 86, 87)

Range: Also known from mainland (Van Dyke 1932; Etzler 2020b).

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

Limonius Eschscholtz, 1829

Nomenclatural Authority: Etzler (2019)

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

Limonius canus LeConte, 1853

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

Literature Records: none

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

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

Elaterinae

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

Agriotini

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

Dalopius Eschscholtz, 1829

Nomenclatural Authority: Brown (1934)

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

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

Dalopius luteolus Brown, 1934

Nomenclatural Authority: Brown (1934)

Literature Records: none

Digitized Records: Santa Cruz (2 LACM)

Range: Also known from mainland (Brown 1934).

Dalopius undetermined species

Literature Records: none

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

Ampedini

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

Ampedus Dejean, 1833
Nomenclatural Authority: Ramberg (1979)
Notes. Twenty-four species of *Ampedus* have been recorded from California (Ramberg 1979). Ramberg (1979) revised the species for North America. Unfortunately, most of the new taxonomic acts in this thesis work have not been validly published.

Ampedus longicornis (LeConte, 1884)
Nomenclatural Authority: Ramberg (1979)
Literature Records: Santa Catalina (Ramberg 1979: 318)
Digitized Records: Santa Catalina (2 LACM; 2 SBMNH)
Range: Also known from mainland (Ramberg 1979).

Ampedus rhodopus (LeConte, 1884)
Nomenclatural Authority: Ramberg (1979)
Literature Records: none
Digitized Records: Santa Rosa (3 SBMNH)
Range: Also known from mainland (Ramberg 1979).

Anchastus LeConte, 1853
Nomenclatural Authority: Johnson (2002)
Notes. Six species of *Anchastus* are known to occur in California (M Gimmel, unpublished data). Van Dyke (1932) provided a key to the North American species of *Anchastus*.

Anchastus cinereipennis (Eschscholtz, 1829)
Nomenclatural Authority: Van Dyke (1932)
Literature Records: San Nicolas (Miller & Miller 1985: 126), Santa Barbara (Miller & Miller 1985: 126)
Digitized Records: San Clemente (3 SBMNH), San Nicolas (6 SBMNH), Santa Catalina (1 SBMNH), Santa Rosa (1 iNat)

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

Melanotus Eschscholtz, 1829

Nomenclatural Authority: Johnson (2002)

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

Melanotus longulus (LeConte, 1853)

Nomenclatural Authority: Quate & Thompson (1967)

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

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

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

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

Aplastini

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

Euthysanius LeConte, 1853

Nomenclatural Authority: Johnson (2002)

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

Euthysanius lautus LeConte, 1853

Nomenclatural Authority: Van Dyke (1932)

Literature Records: none

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

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

Octinodes Candèze, 1863

Nomenclatural Authority: Johnson (2002)

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

Octinodes frater (LeConte, 1859)
Nomenclatural Authority: Van Dyke (1932)
Literature Records: none
Digitized Records: Santa Cruz (1 LACM; 1 SBMNH)
Range: Also known from mainland (Van Dyke 1932).

Elaterini

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

Elater Linnaeus, 1758
Nomenclatural Authority: Johnson (2002)
Notes. Four species of *Elater* are known from California (M Gimmel, unpublished data). The genus was revised for North America by Roache (1961).

Elater lecontei (Horn, 1871)
Nomenclatural Authority: Roache (1961)
Literature Records: none
Digitized Records: Santa Cruz (3 SBMNH)
Range: Also known from mainland (Roache 1961).

Negastriinae

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

Paradonus Stibick, 1971
Nomenclatural Authority: Etzler (2020a)
Notes. Three species of *Paradonus* have been recorded from California (Etzler 2020a).

Paradonus inops (LeConte, 1853)
Nomenclatural Authority: Etzler (2020a)
Literature Records: none
Digitized Records: Santa Cruz (20 SBMNH)
Range: Also known from mainland (Etzler 2020a).

Oxynopterinae

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

Melanactes LeConte, 1853

Nomenclatural Authority: Mathieu (1961)

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

Melanactes densus LeConte, 1853

Nomenclatural Authority: Mathieu (1961)

Literature Records: none

Digitized Records: Santa Catalina (2 USNM)

Range: Also known from mainland (Mathieu 1961).

Eucnemidae

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).

Macraulacinae

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

Asiocnemis Mamaev, 1976

Nomenclatural Authority: Muona (2000).

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

Asiocnemis hospitalis (Blanchard, 1904)

Nomenclatural Authority: Muona (2000)

Literature Records: Santa Rosa (Muona 2000: 81)

Digitized Records: Santa Rosa (1 LACM)

Range: Also known from mainland (Muona 2000).

Lampyridae, NEW FAMILY RECORD

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

Lampyrinae

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

Pyropyga Motschulsky, 1852

Nomenclatural Authority: Green (1961)

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

Pyropyga nigricans (Say, 1823)

Nomenclatural Authority: Green (1961)

Literature Records: none

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

Range: Also known from mainland (Green 1961).

Pterotinae

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

Pterotus LeConte, 1859

Nomenclatural Authority: Chemsak (1978)

Notes. Two species of *Pterotus* are known, both of them occurring in California (Chemsak 1978).

Pterotus obscuripennis LeConte, 1859

Nomenclatural Authority: Chemsak (1978)

Literature Records: none

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

Range: Also known from mainland (Chemsak 1978).

Phengodidae, NEW FAMILY RECORD

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

Phengodinae

Zarhipis LeConte, 1880

Nomenclatural Authority: Linsdale (1964)

Notes. Three species of *Zarhipis* have been recorded from California (Linsdale 1964). The genus was revised by Linsdale (1964).

Zarhipis integripennis (LeConte, 1874)

Nomenclatural Authority: Linsdale (1964)

Literature Records: none

Digitized Records: Santa Catalina (1 LACM)

Range: Also known from mainland (Linsdale 1964).

Throscidae, NEW FAMILY RECORD

Notes. Three genera and five species of Throscidae are known to occur in California (M Gimmel, unpublished data).

Trixagus Kugelann, 1794

Nomenclatural Authority: Yensen (1975)

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

Trixagus sericeus (LeConte, 1868)

Nomenclatural Authority: Yensen (1975)

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH)

Range: Also known from mainland (Yensen 1975).

HISTEROIDEA

Histeridae

Notes. Seven subfamilies, 39 genera, and 141 species of Histeridae are known to occur in California (M Gimmel, unpublished data). Although no histerid taxa below are recorded for Anacapa Island, LACM has undetermined material from that island.

Abraeinae

Notes. Three tribes, six genera, and 13 species of Abraeinae are known to occur in California (M Gimmel, unpublished data).

Abraeini

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

Plegaderus Erichson, 1834

Nomenclatural Authority: Mazur (2011)

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

Plegaderus undetermined species

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH)

Acritini

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

Halacritus Schmidt, 1893

Nomenclatural Authority: Mazur (2011)

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

Halacritus maritimus (LeConte, 1851)

Nomenclatural Authority: Mazur (2011)

Literature Records: none

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

Range: Also known from mainland.

Dendrophilinae

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

Bacaniini

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

Bacanius LeConte, 1853

Nomenclatural Authority: Mazur (2011)
Notes. Two species of *Bacanius* have been recorded from California (Mazur 2011).

Bacanius undetermined species
Literature Records: Santa Catalina (Caterino & Chandler 2010: 191)
Digitized Records: Santa Catalina (1 SBMNH)
Notes. The male specimen (SBMNH) from Santa Catalina Island does not appear to match either of the two species previously recorded for California, *Bacanius* (*Gomyister*) *acuminatus* Casey, 1893 or *Bacanius* (*s.str.*) *globulinus* Casey, 1893. It may represent an undescribed species.

Paromalini

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

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

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

Histerinae

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

Histerini

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

Margarinotus Marseul, 1854
Nomenclatural Authority: Mazur (2011)

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

Margarinotus (*Ptomister*) *sexstriatus* (LeConte, 1851)
Nomenclatural Authority: Caterino (2010)
Literature Records: Santa Cruz (Caterino 2010: 10), Santa Rosa (Caterino 2010: 10)
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Caterino 2010).

Hololeptini

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

Hololepta Paykull, 1811
Nomenclatural Authority: Mazur (2011)
Notes. Five species of *Hololepta* have been recorded from California (Mazur 2011) in two subgenera, *Hololepta* (*s.str.*) and *Leionota* Marseul, 1853.

Hololepta (*Leionota*) *vicina* LeConte, 1851
Nomenclatural Authority: Mazur (2011)
Literature Records: Santa Catalina (Fall 1897: 237)
Digitized Records: none
Range: Also known from mainland (Fall 1901).

Iliotona Carnochan, 1917
Nomenclatural Authority: Mazur (2011)
Notes. One species of *Iliotona* has been recorded from California (Mazur 2011).

Iliotona cacti (LeConte, 1851)
Nomenclatural Authority: Mazur (2011)
Literature Records: none
Digitized Records: San Miguel (1 SBMNH)
Range: Also known from mainland (Fall 1901).

Saprininae

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

Aphelosternus Wenzel, 1962

Nomenclatural Authority: Mazur (2011)

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

Aphelosternus interstitialis (LeConte, 1851)

Nomenclatural Authority: Mazur (2011)

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

Digitized Records: none

Range: Also known from mainland (Fall 1901).

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

Euspilotus Lewis, 1907

Nomenclatural Authority: Mazur (2011)

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

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.

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

Nomenclatural Authority: Mazur (2011)

Literature Records: none

Digitized Records: San Miguel (9 SBMNH), San Nicolas (8 SBMNH), Santa Cruz (5 SBMNH), Santa Rosa (4 SBMNH)

Range: Also known from mainland (Mazur 2011).

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

Nomenclatural Authority: Mazur (2011)

Literature Records: Santa Catalina (Fall 1897: 237)

Digitized Records: none

Range: Unknown.

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

Geomysaprinus Ross, 1940

Nomenclatural Authority: Mazur (2011)

Notes. Six species of *Geomysaprinus* have been recorded from California (Mazur 2011). All of these belong to the subgenus *Priscosaprinus* Wenzel, 1962 (Mazur 2011).

Geomysaprinus undetermined species

Literature Records: none

Digitized Records: Santa Catalina (1 SBMNH), Santa Rosa (1 SBMNH)

Hypocaccus Thomson, 1867

Nomenclatural Authority: Mazur (2011)

Notes. Seven species of *Hypocaccus* are known to occur in California (M Gimmel, unpublished data), distributed among two subgenera, *Baeckmanniolus* Reichardt, 1926 and *Hypocaccus* (*s.str.*).

Hypocaccus (*Baeckmanniolus*) *gaudens* (LeConte, 1851)

Nomenclatural Authority: Mazur (2011)

Literature Records: none

Digitized Records: San Miguel (4 SBMNH), San Nicolas (1 LACM; 1 SBMNH), Santa Catalina (2 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (10 SBMNH)

Range: Also known from mainland (Mazur 2011).

Hypocaccus (*Baeckmanniolus*) *serrulatus* (LeConte, 1851)

Nomenclatural Authority: [none]

Literature Records: none

Digitized Records: Santa Catalina (1 SBMNH)

Range: Also known from mainland.

Notes. This name is missing from the catalog of Mazur (2011).

Hypocaccus (*Hypocaccus*) *bigemmeus* (LeConte, 1851)

Nomenclatural Authority: Mazur (2011)

Literature Records: none

Digitized Records: San Clemente (1 SBMNH), San Miguel (10 SBMNH), San Nicolas (7 SBMNH), Santa Cruz (8 SBMNH), Santa Rosa (4 SBMNH)

Range: Also known from mainland (Mazur 2011).

Hypocaccus (*Hypocaccus*) *lucidulus* (LeConte, 1851)

Nomenclatural Authority: Mazur (2011)

Literature Records: San Clemente (Caterino, Chatzimanolis & Richmond 2015: 278), San Miguel (Caterino, Chatzimanolis & Richmond 2015: 278), San Nicolas (Cockerell 1940: 285; Caterino, Chatzimanolis & Richmond 2015: 278), Santa Cruz (Caterino, Chatzimanolis & Richmond 2015: 278), Santa Rosa (Caterino, Chatzimanolis & Richmond 2015: 278)

Digitized Records: San Clemente (11 SBMNH), San Miguel (19 SBMNH), San Nicolas (12 SBMNH), Santa Cruz (21 SBMNH), Santa Rosa (13 SBMNH)

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

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

Neopachylopus Reichardt, 1926

Nomenclatural Authority: Mazur (2011)

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

Neopachylopus sulcifrons (Mannerheim, 1843)

Nomenclatural Authority: Mazur (2011)

Literature Records: San Nicolas (Cockerell 1940: 285)

Digitized Records: San Clemente (1 SBMNH), San Miguel (5 SBMNH), San Nicolas (1 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (14 SBMNH), Santa Rosa (2 SBMNH)

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

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

Saprinus Erichson, 1834

Nomenclatural Authority: Mazur (2011)

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

Notes. Four species of *Saprinus* have been recorded from California, all of them belonging to the nominate subgenus (M Gimmel, unpublished data).

Saprinus (*Saprinus*) *lugens* Erichson, 1834

Nomenclatural Authority: Mazur (2011)

Literature Records: San Clemente (Fall 1897: 237; Miller & Miller 1985: 123), San Nicolas (Fall 1897: 237; Miller & Miller 1985: 123), Santa Barbara (Fall 1897: 237; Miller & Miller 1985: 123), Santa Cruz (Fall & Davis 1934: 144; Miller & Miller 1985: 123), Santa Rosa (Fall 1897: 237; Miller & Miller 1985: 123)

Digitized Records: San Miguel (4 SBMNH), San Nicolas (1 SBMNH), Santa Barbara (1 SBMNH), Santa Catalina (3 SBMNH; 1 TAMU), Santa Cruz (7 SBMNH), Santa Rosa (26 SBMNH)

Range: Also known from mainland (Mazur 2011).

Saprinus (*Saprinus*) *oregonensis* LeConte, 1844

Nomenclatural Authority: Mazur (2011)

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

Digitized Records: none

Range: Also known from mainland (Mazur 2011).

Xerosaprinus Wenzel, 1962

Nomenclatural Authority: Mazur (2011)

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

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

Xerosaprinus (*Xerosaprinus*) *fimbriatus* (LeConte, 1851)
Nomenclatural Authority: Mazur (2011)
Literature Records: Santa Catalina (Fall 1897: 237)
Digitized Records: none
Range: Also known from mainland.
Notes. This species was recorded as *Saprinus fimbriatus* by Fall (1897).

Xerosaprinus (*Xerosaprinus*) *lubricus* (LeConte, 1851)
Nomenclatural Authority: Mazur (2011)
Literature Records: San Clemente (Fall 1897: 237), Santa Catalina (Fall 1897: 237), Santa Cruz (Fall & Davis 1934: 144), Santa Rosa (Fall 1897: 237)
Digitized Records: Santa Catalina (3 SBMNH), Santa Cruz (5 SBMNH; 3 UCSB), Santa Rosa (13 SBMNH)
Range: Also known from mainland (Mazur 2011).
Notes. This species was recorded as *Saprinus lubricus* by Fall (1897) and Fall & Davis (1934).

Xerosaprinus (*Xerosaprinus*) *vitiosus* (LeConte, 1851)
Nomenclatural Authority: Mazur (2011)
Literature Records: Santa Catalina (Seavey 1892: 262; Fall 1897: 237)
Digitized Records: none
Range: Also known from mainland (Mazur 2011).
Notes. This species was recorded as *Saprinus vitiosus* by Seavey (1892) and Fall (1897).

HYDROPHILOIDEA

Helophoridae, NEW FAMILY RECORD

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

Helophorus Fabricius, 1775
Nomenclatural Authority: Hansen (1999)
Notes. Nineteen species of *Helophorus* have been recorded from California, all of them belonging to the subgenus *Rhopalohelophorus* Kuwert, 1886 (Hansen 1999).

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

Hydrophilidae

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

Acidocerinae

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

Helochares Mulsant, 1844
Nomenclatural Authority: Hansen (1999)
Notes. One species of *Helochares* has been recorded from California (Hansen 1999), belonging to the subgenus *Hydrobaticus* MacLeay, 1871.

Helochares (*Hydrobaticus*) *normatus* (LeConte, 1861)
Nomenclatural Authority: Hansen (1999); Short & Girón (2018)
Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)
Digitized Records: Santa Cruz (16 SBMNH), Santa Rosa (12 SBMNH)
Range: Also known from mainland (Hansen 1999; Short & Girón 2018).

Chaetarthriinae

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

Anacaenini

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

Anacaena Thomson, 1859
Nomenclatural Authority: Hansen (1999)
Notes. Three species of *Anacaena* are known from California (M Gimmel, unpublished data).

Anacaena signaticollis (Fall, 1924)

Nomenclatural Authority: Hansen (1999)

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

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

Range: Also known from mainland (Hansen 1999).

Chaetarthriini

Notes. One genus and 11 species of Chaetarthriini have been recorded from California (Hansen 1999).

Chaetarthria Stephens, 1835

Nomenclatural Authority: Hansen (1999)

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

Notes. Eleven species of *Chaetarthria* have been recorded from California (Hansen 1999). The species of this genus were revised for the New World by Miller (1974).

Chaetarthria hespera Miller, 1974

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

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

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

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

Notes. Based on material examined in Miller (1974) (who accidentally indicated Santa Catalina as being in Orange Co.), Fall's (1897) record of *C. nigrella* apparently refers to this species.

Chaetarthria nigrella (LeConte, 1861)

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

Literature Records: none

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

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

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

Chaetarthria punctulata Sharp, 1882

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

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH)

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

Chaetarthria pusilla Sharp, 1882
Nomenclatural Authority: Miller (1974); Hansen (1999)
Literature Records: none
Digitized Records: Santa Cruz (12 SBMNH)
Range: Also known from mainland (Miller 1974; Hansen 1999).

Enochrinae

Notes. Two genera and 21 species of Enochrinae have been recorded from California (Hansen 1999; M Gimmel, unpublished data).

Cymbiodyta Bedel, 1881
Nomenclatural Authority: Hansen (1999)
Notes. Nine species of *Cymbiodyta* have been recorded from California (Hansen 1999). The genus was revised by Smetana (1974).

Cymbiodyta columbiana Leech, 1948
Nomenclatural Authority: Smetana (1974); Hansen (1999)
Literature Records: none
Digitized Records: Santa Cruz (5 SBMNH)
Range: Also known from mainland (Smetana 1974; Hansen 1999).
Notes. This species is morphologically extremely similar to *C. dorsalis* (see Smetana 1974: 44). Consequently, Channel Island records of these two species should be interpreted with caution.

Cymbiodyta dorsalis (Motschulsky, 1859)
Nomenclatural Authority: Smetana (1974); Hansen (1999)
Literature Records: San Miguel (Smetana 1974: 38 [map]), Santa Catalina (Fall 1897: 236; Smetana 1974: 38 [map]), Santa Cruz (Winters 1927: 27; Leech 1948: 449; Smetana 1974: 38 [map]), Santa Rosa (Fall 1897: 236)
Digitized Records: San Miguel (22 SBMNH), San Nicolas (8 SBMNH), Santa Catalina (8 SBMNH), Santa Cruz (13 SBMNH), Santa Rosa (37 SBMNH)
Range: Also known from mainland (Winters 1927; Leech 1948; Smetana 1974; Hansen 1999).
Notes. See note under *C. columbiana* above.

Cymbiodyta punctatostriata (Horn, 1873)
Nomenclatural Authority: Smetana (1974); Hansen (1999)
Literature Records: Santa Cruz (Smetana 1974: 24)

Digitized Records: Santa Cruz (10 SBMNH)
Range: Also known from mainland (Smetana 1974; Hansen 1999).

Enochrus Thomson, 1859

Nomenclatural Authority: Hansen (1999)
Notes. Twelve species of *Enochrus* are known from California (M Gimmel, unpublished data); these belong to three subgenera, *Enochrus* (*s.str.*), *Lumetus* Zaitzev, 1908, and *Methydrus* Rey, 1885. The genus was revised for North America by Gundersen (1978).

Enochrus (*Enochrus*) *carinatus* (LeConte, 1855)
Nomenclatural Authority: Gundersen (1978); Hansen (1999)
Literature Records: San Miguel (Cockerell 1940: 285)
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Gundersen 1978).
Notes. The nominate subspecies, *E. c. carinatus* (LeConte, 1855), is the only subspecies occurring in California (Gundersen 1978).

Enochrus (*Enochrus*) *piceus* Miller, 1964
Nomenclatural Authority: Gundersen (1978); Hansen (1999)
Literature Records: none
Digitized Records: San Nicolas (1 SBMNH), Santa Catalina (5 SBMNH), Santa Cruz (21 SBMNH), Santa Rosa (3 SBMNH)
Range: Also known from mainland (Gundersen 1978; Hansen 1999).
Notes. The nominate subspecies, *E. p. piceus* Miller, 1964, is the only subspecies occurring in California (Gundersen 1978).

Enochrus (*Lumetus*) *hamiltoni* (Horn, 1890)
Nomenclatural Authority: Gundersen (1978); Hansen (1999)
Literature Records: none
Digitized Records: San Miguel (5 SBMNH)
Range: Also known from mainland (Gundersen 1978; Hansen 1999).

Enochrus (*Methydrus*) *cristatus* (LeConte, 1855)
Nomenclatural Authority: Gundersen (1978); Hansen (1999)
Literature Records: none
Digitized Records: Santa Cruz (5 SBMNH)
Range: Also known from mainland (Gundersen 1978; Hansen 1999).

Enochrus (*Methydrus*) *pygmaeus* (Fabricius, 1792)
Nomenclatural Authority: Gundersen (1978); Hansen (1999)

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

Hydrophilinae

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

Berosini

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

Berosus Leach, 1817
Nomenclatural Authority: Hansen (1999)
Notes. Eleven species of *Berosus* in two subgenera, *Berosus* (*s.str.*) and *Enoplurus* Hope, 1838, are known to occur in California (M Gimmel, unpublished data). The species were revised for North America by Van Tassell (1966).

Berosus (*Berosus*) *fraternus* LeConte, 1855
Nomenclatural Authority: Van Tassell (1966); Hansen (1999)
Literature Records: Santa Catalina (Van Tassell 1966: 223 [map])
Digitized Records: none
Range: Also known from mainland (Van Tassell 1966; Hansen 1999).

Berosus (*Berosus*) *hatchi* Miller, 1965
Nomenclatural Authority: Van Tassell (1966); Hansen (1999)
Literature Records: Santa Catalina (Van Tassell 1966: 214)
Digitized Records: none
Range: Also known from mainland (Van Tassell 1966; Hansen 1999).

Berosus (*Berosus*) *infuscatus* LeConte, 1855
Nomenclatural Authority: Van Tassell (1966); Hansen (1999)
Literature Records: none
Digitized Records: San Clemente (1 SBMNH)
Range: Also known from mainland (Van Tassell 1966; Hansen 1999).

Berosus (*Enoplurus*) *punctatissimus* LeConte, 1852
Nomenclatural Authority: Van Tassell (1966); Hansen (1999)
Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)
Digitized Records: Santa Catalina (10 SBMNH), Santa Cruz (11 SBMNH), Santa Rosa (3 SBMNH)
Range: Also known from mainland (Van Tassell 1966; Hansen 1999).

Hydrobiusini

Notes. Two genera and three species of Hydrobiusini have been recorded from California (Hansen 1999).

Hydrobius Leach, 1815
Nomenclatural Authority: Hansen (1999)
Digitized Records (genus-only): Santa Cruz (1 UCSB)
Notes. Only one species of *Hydrobius* is known to occur in California (Hansen 1999).

Hydrobius fuscipes (Linnaeus, 1758)
Nomenclatural Authority: Hansen (1999)
Literature Records: Santa Cruz (Furlong & Wenner 2002: 250)
Digitized Records: none
Range: Also known from mainland (Hansen 1999).

Hydrophilini

Notes. Three genera and 12 species of Hydrophilini are known to occur in California (M Gimmel, unpublished data).

Hydrochara Berthold, 1827
Nomenclatural Authority: Hansen (1999)
Notes. Two species of *Hydrochara* have been recorded from California (Hansen 1999). The genus was revised by Smetana (1980).

Hydrochara lineata (LeConte, 1855)
Nomenclatural Authority: Smetana (1980); Hansen (1999)
Literature Records: Santa Cruz (LeConte 1876: 298; Fall 1897: 236; Fall 1901: 56; Fall & Davis 1934: 144; Smetana 1980: 67), Santa Rosa (Fall 1897: 236; Fall 1901: 56; Smetana 1980: 67)
Digitized Records: Santa Cruz (16 LACM; 9 SBMNH; 2 UCSB)
Range: Also known from mainland (Fall 1901; Smetana 1980; Hansen 1999).

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

Hydrophilus Geoffroy, 1762

Nomenclatural Authority: Hansen (1999)

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

Hydrophilus (*Hydrophilus*) *triangularis* Say, 1823

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

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

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

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

Tropisternus Solier, 1834

Nomenclatural Authority: Hansen (1999)

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

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

Tropisternus (*Tropisternus*) *affinis* Motschulsky, 1859

Nomenclatural Authority: Hansen (1999)

Literature Records: Santa Catalina (Fall 1897: 236)

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

Range: Also known from mainland (Hansen 1999).

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

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

Nomenclatural Authority: Hansen (1999)

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

Digitized Records: none

Range: Also known from mainland (Hansen 1999).

Laccobiini

Notes. Two genera and 21 species of Laccobiini are known to occur in California (Hansen 1999; M Gimmel, unpublished data).

Laccobius Erichson, 1837

Nomenclatural Authority: Hansen (1999)

Notes. The species of *Laccobius* were revised for the United States in two publications by Gentili (1986a, b). Fifteen species of the genus have been recorded from California (M Gimmel, unpublished data).

Laccobius (*Hydroxenus*) *californicus* Orchymont, 1942

Nomenclatural Authority: Hansen (1999)

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

Digitized Records: Santa Cruz (4 SBMNH)

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

Laccobius (*Hydroxenus*) *ellipticus* LeConte, 1855

Nomenclatural Authority: Hansen (1999)

Literature Records: Santa Catalina (Fall 1897: 236), Santa Cruz (Winters 1926: 50; Gentili 1986b: 49), Santa Rosa (Fall 1897: 236)

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

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

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

Laccobius (*Microlaccobius*) *insolitus* Orchymont, 1942

Nomenclatural Authority: Hansen (1999)

Literature Records:none

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

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

Sphaeridiinae

Notes. Three tribes, seven genera, and 28 species of Sphaeridiinae are known to occur in California (M Gimmel, unpublished data).

Megasternini

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

Agna Smetana, 1978

Nomenclatural Authority: Hansen (1999)

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

Agna capillata (LeConte, 1855)

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

Literature Records: none

Digitized Records: Santa Catalina (1 SBMNH)

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

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

Cercyon Leach, 1817

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

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

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

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

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

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

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

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

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

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

Literature Records: Santa Barbara (Miller & Miller 1985: 123)

Digitized Records: Santa Rosa (4 SBMNH)
Range: Also known from mainland (Smetana 1978; Hansen 1999).
Notes. Introduced to North America from the Palearctic realm (Smetana 1978). Misspelled by Miller & Miller (1985) as "*Cercyon haemorrhoides*".

Cercyon (*Cercyon*) *luniger* Mannerheim, 1853
Nomenclatural Authority: Suzumura, Kobayashi & Ôhara (2019)
Literature Records: San Miguel (Straughan & Hadley 1980: 392), Santa Catalina (Fall 1897: 236; Fall 1901: 58; Blackwelder 1931: 24; Leech 1948: 458; Smetana 1978: 149), Santa Cruz (Smetana 1978: 149)
Digitized Records: San Clemente (3 SBMNH), Santa Cruz (8 SBMNH)
Range: Also known from mainland (Suzumura, Kobayashi & Ôhara 2019).
Notes. This species was originally referred to as *C. luniger* by Fall (1897, 1901), Blackwelder (1931), Leech (1948), and Straughan & Hadley (1980). Smetana (1978) did not report his concept of *C. luniger* from the islands, but included Fall and CASC island material among the paratypes of his *Cercyon spathifer* Smetana, 1978. However, Suzumura et al. (2019) synonymized *C. spathifer* with *C. luniger*; what was previously considered *C. luniger* was given a new name. The distribution map in Suzumura et al. (2019: 480) also shows a Channel Island record for *C. luniger*, presumably from an earlier instance of the California Beetle Project pages, but the resolution does not allow identification of the island.

Cercyon (*Cercyon*) *quisquilius* (Linnaeus, 1761)
Nomenclatural Authority: Smetana (1978); Hansen (1999)
Literature Records: none
Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (1 SBMNH)
Range: Also known from mainland (Smetana 1978; Hansen 1999).
Notes. Introduced to North America from the Palearctic realm (Smetana 1978).

Sphaeridiini

Notes. One genus and three species of Sphaeridiini are known to occur in California (M Gimmel, unpublished data).

Sphaeridium Fabricius, 1775

Nomenclatural Authority: Hansen (1999)
Notes. Three introduced species of *Sphaeridium* are known to occur in California (M Gimmel, unpublished data). These species were treated by Smetana (1978).

Sphaeridium scarabaeoides (Linnaeus, 1758)

Nomenclatural Authority: Smetana (1978); Hansen (1999)
Literature Records: none
Digitized Records: Santa Catalina (2 LACM), Santa Cruz (4 SBMNH), Santa Rosa (44 LACM; 3 SBMNH)
Range: Also known from mainland (Smetana 1978; Hansen 1999).
Notes. Introduced to North America from the Palearctic realm (Smetana 1978)

SCARABAEOIDEA

Geotrupidae

Notes. Two subfamilies, five genera, and seven species of Geotrupidae have been recorded from California (Howden 1984; M Gimmel, unpublished data).

Bolboceratinae

Notes. Four genera and six species of Bolboceratinae have been recorded from California (Howden 1984; M Gimmel, unpublished data).

Bolbocerastes Cartwright, 1953

Nomenclatural Authority: Smith (2009)
Notes. Two species of *Bolbocerastes* are known from California (Howden 1984). The species of the genus were treated by Cartwright (1953).

Bolbocerastes regalis Cartwright, 1953
Nomenclatural Authority: Cartwright (1953); Howden (1984)
Literature Records: San Clemente (von Bloeker 1939b: 153; Cartwright 1953: 108)
Digitized Records: none
Range: Also known from mainland (Cartwright 1953; Howden 1984).
Notes. This species was misidentified as *Bolboceras serratus* LeConte by von Bloeker (1939b: 153).

Odonteus Samouelle, 1819

Nomenclatural Authority: Smith (2009)
Notes. One species of *Odonteus* is known from California (Howden 1984). This genus has been known in recent literature as *Bolboceras* Kirby, 1818.

Odonteus obesus LeConte, 1859
Nomenclatural Authority: Smith (2009)
Literature Records: none

Digitized Records: Santa Rosa (1 SBMNH)
Range: Also known from mainland (Howden 1984).
Notes. This species was formerly known as *Bolboceras obesus* (e.g., in Howden 1984).

Scarabaeidae

Notes. Seven subfamilies, 76 genera, and 321 species of Scarabaeidae are known to occur in California (M Gimmel, unpublished data). The subfamily Rutelinae has yet to be recorded from the Channel Islands.

Aphodiinae

Notes. Five tribes, 36 genera, and 102 species of Aphodiinae are known to occur in California (M Gimmel, unpublished data).

Aegialiini

Notes. Two genera and 14 species of Aegialiini have been recorded from California (Gordon & Cartwright 1988).

Aegialia Latreille, 1807
Nomenclatural Authority: Smith (2009)
Notes. Thirteen species of *Aegialia* are known to occur in California (Gordon & Cartwright 1988); these are distributed among two subgenera, *Aegialia* (*s.str.*) and *Psammoporus* Thomson, 1863. The North American fauna was treated by Gordon & Cartwright (1988).

Aegialia (*Aegialia*) *convexa* Fall, 1932
Nomenclatural Authority: Gordon & Cartwright (1988)
Literature Records: San Clemente (Gordon & Cartwright 1988: 22)
Digitized Records: none
Range: Also known from mainland (Gordon & Cartwright 1988).

Aegialia (*Aegialia*) *crassa* LeConte, 1860
Nomenclatural Authority: Gordon & Cartwright (1988)
Literature Records: San Clemente (von Bloeker 1939b: 153)
Digitized Records: none
Range: Also known from mainland (Gordon & Cartwright 1988).

Aegialia (*Aegialia*) *nigrella* Brown, 1931
Nomenclatural Authority: Gordon & Cartwright (1988)

Literature Records: San Nicolas (Gordon & Cartwright 1988: 24)
Digitized Records: none
Range: Also known from mainland (Gordon & Cartwright 1988).

Aegialia (*Aegialia*) *punctata* Brown, 1931
Nomenclatural Authority: Gordon & Cartwright (1988)
Literature Records: San Nicolas (Gordon & Cartwright 1988: 25)
Digitized Records: none
Range: Also known from mainland (Gordon & Cartwright 1988).

Aphodiini

Notes. Twenty-eight genera and 66 species of Aphodiini are known to occur in California (Gordon & Skelley 2007; M Gimmel, unpublished data). The tribe was monographed for North America by Gordon & Skelley (2007).

Aphodius Illiger, 1798
Nomenclatural Authority: Gordon & Skelley (2007)
Digitized Records (genus-only): Santa Catalina (1 LACM)
Notes. Prior to Gordon & Skelley (2007), this genus was considered to encompass most of the North American fauna of Aphodiini. Only a single, adventive species occurs in North America (Gordon & Skelley 2007).

Aphodius fimetarius (Linnaeus, 1758)
Nomenclatural Authority: Gordon & Skelley (2007)
Literature Records: none
Digitized Records: Anacapa (4 LACM; 1 SBMNH), Santa Catalina (9 LACM; 1 SBMNH; 1 iNat), Santa Cruz (2 SBMNH; 3 UCSB)
Range: Also known from mainland (Gordon & Skelley 2007).
Notes. Adventive in North America, originating in Europe (Gordon & Skelley 2007).

Calamosternus Motschulsky, 1859
Nomenclatural Authority: Gordon & Skelley (2007)
Notes. Only a single, adventive species occurs in North America (Gordon & Skelley 2007).

Calamosternus granarius (Linnaeus, 1767)
Nomenclatural Authority: Gordon & Skelley (2007)
Literature Records: Santa Rosa (von Bloeker 1939b: 153)
Digitized Records: Anacapa (1 SBMNH), San Nicolas (3 LACM; 1 SBMNH), Santa

Catalina (1 LACM), Santa Rosa (2 LACM)
Range: Also known from mainland (Gordon & Skelley 2007).
Notes. Von Bloeker (1939b) recorded this species as *Aphodius granarius* and incorrectly attributed the species to LeConte. This species was introduced to North America from Europe (Gordon & Skelley 2007).

Cinacanthus Schmidt, 1913
Nomenclatural Authority: Gordon & Skelley (2007)
Notes. Three species of this genus are known to occur in California (Gordon & Skelley 2007).

Cinacanthus militaris (LeConte, 1858)
Nomenclatural Authority: Gordon & Skelley (2007)
Literature Records: San Nicolas (von Bloeker 1939b: 153)
Digitized Records: none
Range: Also known from mainland (Gordon & Skelley 2007).
Notes. This species was recorded by von Bloeker (1939b) as *Aphodius militaris*.

Labarrus Mulsant & Rey, 1869
Nomenclatural Authority: Gordon & Skelley (2007)
Notes. Two species of this genus occur in North America (Gordon & Skelley 2007). At least one occurs in California, while the status of the other in the state remains unknown (see below).

Labarrus pseudolividus (Balthasar, 1941)
Nomenclatural Authority: Gordon & Skelley (2007)
Literature Records: San Clemente (von Bloeker 1939b: 153), San Miguel (von Bloeker 1939b: 153), Santa Catalina (Cockerell 1940: 286), Santa Cruz (von Bloeker 1939b: 153), Santa Rosa (von Bloeker 1939b: 153)
Digitized Records: Anacapa (1 SBMNH; 24 LACM), San Clemente (7 LACM), San Miguel (22 LACM), San Nicolas (32 LACM), Santa Cruz (5 SBMNH; 198 LACM), Santa Rosa (5 LACM)
Range: Also known from mainland (Gordon & Skelley 2007).
Notes. Von Bloeker (1939b) and Cockerell (1940) recorded this species as *Aphodius lividus* [now *Labarrus lividus* (Olivier, 1789)]. Gordon & Skelley (2007: 263) noted that most North American specimens identified as *L. lividus* probably represent *L. pseudolividus*. After examination of the von Bloeker (1939b) vouchers housed in SBMNH, we have determined that these indeed represent *L. pseudolividus*. There are no confirmed published vouchers of true *L. lividus* reported from California. *Labarrus*

lividus is probably adventive in North America, while *L. pseudolividus* is probably native (Gordon & Skelley 2007).

Otophorus Mulsant, 1842

Nomenclatural Authority: Gordon & Skelley (2007)

Notes. Only a single, adventive species of this genus is known from North America (Gordon & Skelley 2007).

Otophorus haemorrhoidalis (Linnaeus, 1758)

Nomenclatural Authority: Gordon & Skelley (2007)

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (Gordon & Skelley 2007).

Notes. Introduced to North America from the Palearctic realm (Gordon & Skelley 2007).

Planolinellus Dellacasa & Dellacasa, 2005

Nomenclatural Authority: Gordon & Skelley (2007)

Notes. Only one species of this genus occurs in North America (Gordon & Skelley 2007).

Planolinellus vittatus (Say, 1825)

Nomenclatural Authority: Gordon & Skelley (2007)

Literature Records: San Nicolas (von Bloeker 1939b: 153), Santa Rosa (von Bloeker 1939b: 153)

Digitized Records: San Nicolas (41 LACM; 1 SBMNH), Santa Rosa (43 LACM; 1 SBMNH)

Range: Also known from mainland (Gordon & Skelley 2007).

Notes. Recorded by von Bloeker (1939b) as *Aphodius vittatus*.

Rugaphodius Gordon & Skelley, 2007

Nomenclatural Authority: Gordon & Skelley (2007)

Notes. Only one species of this genus occurs in North America (Gordon & Skelley 2007).

Rugaphodius rugatus (Schmidt, 1907)

Nomenclatural Authority: Gordon & Skelley (2007)

Literature Records: San Nicolas (von Bloeker 1939b: 153), Santa Rosa (von Bloeker 1939b: 153)

Digitized Records: San Nicolas (1 LACM), Santa Rosa (1 LACM)

Range: Also known from mainland (Gordon & Skelley 2007).

Notes. This species was recorded by von Bloeker (1939b) as *Aphodius rugatus*.

Psammodiini

Notes. Six genera and 11 species of Psammodiini are known to occur in California (M Gimmel, unpublished data).

Tesarius Rakovič, 1981

Nomenclatural Authority: Rakovič (1984)

Notes. Four species of *Tesarius* have been recorded from California (Rakovič 1984). The species of the genus were treated by Rakovič (1984).

Tesarius mcclayi (Cartwright, 1955)

Nomenclatural Authority: Rakovič (1984)

Literature Records: none

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

Range: Also known from mainland (Cartwright 1955).

Cetoniinae

Notes. Four tribes, five genera, and 14 species of Cetoniinae have been recorded from California (M Gimmel, unpublished data).

Cremastocheilini

Notes. Two genera and 10 species of Cremastocheilini have been recorded from California (M Gimmel, unpublished data).

Cremastocheilus Knoch, 1801

Nomenclatural Authority: Smith (2009)

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

Notes. Nine species of *Cremastocheilus* are known from California (M Gimmel, unpublished data).

Cremastocheilus schaumii LeConte, 1853

Nomenclatural Authority: Smith (2009)

Literature Records: Santa Catalina (von Bloeker 1939b: 156; Cockerell 1940: 286)

Digitized Records: Santa Catalina (1 SBMNH)

Range: Also known from mainland.

Notes. Von Bloeker (1939b) reported “one adult collected at edge of ant-hill”. Reported as *Cremastocheilus schaumi* by von Bloeker (1939b) and Cockerell (1940).

Gymnetini

Notes. One species of Gymnetini has been recorded from California (Goodrich 1966).

Cotinis Burmeister, 1842

Nomenclatural Authority: Smith (2009)

Notes. One species of *Cotinis* is known from California (Goodrich 1966). The genus was revised by Goodrich (1966).

Cotinis mutabilis (Gory & Percheron, 1833)

Nomenclatural Authority: Goodrich (1966); Smith (2009)

Literature Records: none

Digitized Records: Santa Catalina (1 iNat)

Range: Also known from mainland (Goodrich 1966).

Dynastinae

Notes. Five tribes, seven genera, and 12 species of Dynastinae have been recorded from California (Ratcliffe & Cave 2017). The North American fauna of the subfamily was treated by Ratcliffe & Cave (2017).

Cyclocephalini

Notes. One genus and five or six species of Cyclocephalini have been recorded from California (Ratcliffe & Cave 2017).

Cyclocephala Dejean, 1821

Nomenclatural Authority: Ratcliffe & Cave (2017)

Notes. Five or six species of *Cyclocephala* have been recorded from California (Ratcliffe & Cave 2017).

Cyclocephala borealis Arrow, 1911

Nomenclatural Authority: Ratcliffe & Cave (2017)

Literature Records: San Clemente (von Bloeker 1939b: 156; Ratcliffe & Cave (2017: 61), Santa Catalina (Fall 1897: 238; von Bloeker 1939b: 156)

Digitized Records: none

Range: Also known from mainland (Ratcliffe & Cave 2017).

Notes. Von Bloeker (1939b) recorded this species as *Ochrosidia villosa* (Burmeister, 1855); this name is preoccupied in *Cyclocephala* and *C. borealis* is the currently valid name for this taxon. This species is otherwise known to occur only in the eastern USA;

the Channel Islands records are suspect. Ratcliffe & Cave (2017: 61) wrote: "We have a strange record of one male specimen collected in April 1939 from San Clemente Island in the Channel Islands…".

Cyclocephala hirta LeConte, 1861

Nomenclatural Authority: Ratcliffe & Cave (2017)
Literature Records: none
Digitized Records: Santa Catalina (18 LACM)
Range: Also known from mainland (Ratcliffe & Cave 2017).
Notes. According to Ratcliffe & Cave (2017), the subspecies present in southern California is the nominate subspecies, *C. h. hirta* LeConte, 1861.

Cyclocephala longula LeConte, 1863

Nomenclatural Authority: Ratcliffe & Cave (2017)
Literature Records: San Clemente (von Bloeker 1939b: 156), San Nicolas (von Bloeker 1939b: 156), Santa Cruz (von Bloeker 1939b: 156), Santa Rosa (von Bloeker 1939b: 156)
Digitized Records: none
Range: Also known from mainland (Ratcliffe & Cave 2017).
Notes. Von Bloeker (1939b) recorded this species as *Ochrosidia longula* from Santa Cruz and Santa Rosa; he also recorded it as *Ochrosidia obesula* Casey, 1915 from San Clemente and San Nicolas. The latter name is now considered a synonym of *C. longula* (see Ratcliffe & Cave 2017).

Cyclocephala melanocephala (Fabricius, 1775)

Nomenclatural Authority: Ratcliffe & Cave (2017)
Literature Records: San Miguel (von Bloeker 1939b: 156), Santa Cruz (von Bloeker 1939b: 156), Santa Rosa (von Bloeker 1939b: 156)
Digitized Records: none
Range: Also known from mainland (Ratcliffe & Cave 2017).
Notes. Von Bloeker (1939b) recorded this species as *Dichromina dimidiata* (Burmeister, 1847) (now considered a junior synonym of *C. melanocephala*, see Ratcliffe & Cave 2017) and noted that it was "fairly common in flowers of *Datura metalloides*, August".

Cyclocephala pasadenae (Casey, 1915)

Nomenclatural Authority: Ratcliffe & Cave (2017)
Literature Records: San Miguel (von Bloeker 1939b: 156), Santa Cruz (von Bloeker 1939b: 156), Santa Rosa (von Bloeker 1939b: 156)
Digitized Records: none
Range: Also known from mainland (Ratcliffe & Cave 2017).
Notes. Von Bloeker (1939b) recorded this species as *Ochrosidia pasadenae*.

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, *Ligyrus 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).

Coenonycha Horn, 1876

Nomenclatural Authority: Evans & Smith (2009)

Notes. Twenty-six species of *Coenonycha* have been recorded from California (Evans & Smith 1986). The species of the genus were keyed by Evans & Smith (1986).

Coenonycha clementina Casey, 1909

Nomenclatural Authority: Evans & Smith (2009)

Literature Records: San Clemente (Casey 1909: 281; von Bloeker 1939b: 155; Cazier & McClay 1943: 17; Evans 1985: 86; Miller 1985a: 19; Evans & Smith 1986: 86; Evans & d'Hotman 1988: 207)

Digitized Records: San Clemente (2 ASUHIC; 5 LACM; 6 SBMNH; 6 USNM)

Range: Endemic (Casey 1909; Cazier & McClay 1943; Evans 1985; Miller 1985a; Evans & Smith 1986; Evans & d'Hotman 1988).

Notes. A flightless species (Cazier & McClay 1943: 7; Evans 1985: 86). Adults were reported from among the roots of a perennial *Lupinus* (Fabaceae) species during March (Evans 1985: 86).

Coenonycha clypeata McClay, 1943

Nomenclatural Authority: Evans & Smith (2009)

Literature Records: Santa Catalina (Cazier & McClay 1943: 23; Miller 1985a: 19; Caterino & Chandler 2010: 187)

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

Range: Endemic (Cazier & McClay 1943; Miller 1985a; Caterino & Chandler 2010).

Notes. Early Santa Catalina records of *Coenonycha rotundata* LeConte, 1856 (Fall 1897: 238; von Bloeker 1939b: 155) probably referred to this species or to *C. fulva*.

Coenonycha fulva McClay, 1943

Nomenclatural Authority: Evans & Smith (2009)

Literature Records: Santa Catalina (Cazier & McClay 1943: 23; Evans 1985: 86; Miller 1985a; Evans & Smith 1986: 90; Caterino & Chandler 2010: 187)

Digitized Records: Anacapa (1 LACM), Santa Catalina (2 ASUHIC; 43 LACM; 12 SBMNH)

Range: Endemic (Cazier & McClay 1943; Miller 1985a; Evans & Smith 1986; Caterino & Chandler 2010).

Notes. Early Santa Catalina records of *C. rotundata* (Fall 1897: 238; von Bloeker 1939b: 155) probably referred to this species or to *C. clypeata*. Evans (1985: 86) reported a large number of individuals from *Adenostoma fasciculatum* Hook. & Arn. (Rosaceae).

Coenonycha santacruzae Evans, 1986

Nomenclatural Authority: Evans & Smith (2009)

Literature Records: Santa Cruz (Evans & Smith 1986: 82)
Digitized Records: Santa Cruz (2 ASUHIC; 1 SBMNH)
Range: Endemic (Evans & Smith 1986).
Notes. Evans & Smith (1986) reported adults from *Adenostoma fasciculatum*, *Cercocarpus traskae* Eastw. (Rosaceae), and *Artemisia californica* Less. (Asteraceae).

Dichelonyx Harris, 1827

Nomenclatural Authority: Evans & Smith (2009)
Notes. Seventeen species of *Dichelonyx* are known from California (M Gimmel, unpublished data).

Dichelonyx backii Kirby, 1837
Nomenclatural Authority: Evans & Smith (2009)
Literature Records: none
Digitized Records: Santa Cruz (5 LACM)
Range: Also known from mainland (Evans & Smith 2009).

Dichelonyx fulgida LeConte, 1856
Nomenclatural Authority: Evans & Smith (2009)
Literature Records: Santa Cruz (von Bloeker 1939b: 155)
Digitized Records: none
Range: Also known from mainland (Evans & Smith 2009).
Notes. The subspecies occurring on the islands is *D. f. crotchii* Horn, 1876; it was recorded as *Dichelonyx crotchi* by von Bloeker (1939b).

Dichelonyx pusilla LeConte, 1856
Nomenclatural Authority: Evans & Smith (2009)
Literature Records: San Miguel (von Bloeker 1939b: 155), Santa Cruz (von Bloeker 1939b: 155), Santa Rosa (von Bloeker 1939b: 155)
Digitized Records: San Miguel (2 LACM), Santa Cruz (3 LACM), Santa Rosa (2 LACM)
Range: Also known from mainland (Evans & Smith 2009).

Diplotaxini

Notes. One genus and 22 species of Diplotaxini are known to occur in California (M Gimmel, unpublished data).

Diplotaxis Kirby, 1837
Nomenclatural Authority: Evans & Smith (2009)

Notes. Twenty-two species of *Diplotaxis* are known to occur in California (M Gimmel, unpublished data). The genus was revised in two papers by Vaurie (1958, 1960).

Diplotaxis fimbriata Fall, 1909
Nomenclatural Authority: Vaurie (1960), Evans & Smith (2009)
Literature Records: San Clemente (von Bloeker 1939b: 154), Santa Cruz (von Bloeker 1939b: 154)
Digitized Records: none
Range: Also known from mainland (Vaurie 1960).

Diplotaxis subangulata LeConte, 1856
Nomenclatural Authority: Vaurie (1960), Evans & Smith (2009)
Literature Records: San Clemente (von Bloeker 1939b: 154), Santa Cruz (von Bloeker 1939b: 154), Santa Rosa (von Bloeker 1939b: 154)
Digitized Records: San Clemente (1 LACM; 1 SBMNH), Santa Cruz (3 LACM), Santa Rosa (1 LACM; 1 SBMNH)
Range: Also known from mainland (Vaurie 1960).

Hopliini

Notes. One genus and four species of Hopliini have been recorded from California (Hardy 1977).

Hoplia Illiger, 1803
Nomenclatural Authority: Evans & Smith (2009)
Notes. Four species of *Hoplia* have been recorded from California (Hardy 1977). The species were revised by Hardy (1977).

Hoplia callipyge LeConte, 1856
Nomenclatural Authority: Evans & Smith (2009)
Literature Records: Santa Cruz (Hardy 1977: 14)
Digitized Records: Santa Cruz (2 SBMNH)
Range: Also known from mainland (Hardy 1977).

Melolonthini

Notes. Five genera and 28 species of Melolonthini have been recorded from California (M Gimmel, unpublished data).

Amblonoxia Reitter, 1902

Nomenclatural Authority: Evans & Smith (2009)

Notes. Six species of *Amblonoxia* have been recorded from California (Hardy 1974). The species were revised by Hardy (1974). Members of this genus were until recently placed in the genus *Parathyce* Hardy, 1974, which is now a junior synonym of *Amblonoxia* (Evans & Smith 2009).

Amblonoxia palpalis (Horn, 1880)

Nomenclatural Authority: Evans & Smith (2009)

Literature Records: San Clemente (von Bloeker 1939b: 155; Hardy 1974: 20; Miller & Miller 1985: 124), San Nicolas (von Bloeker 1939b: 155; Hardy 1974: 20; Miller & Miller 1985: 124), Santa Barbara (von Bloeker 1939b: 155; Miller & Miller 1985: 124)

Digitized Records: Anacapa (2 SBMNH), San Nicolas (1 SBMNH)

Range: Also known from mainland (Hardy 1974).

Notes. This species was recorded as *Thyce blaisdelli* Casey by von Bloeker (1939b), which is now considered a junior synonym of *A. palpalis* (see Evans & Smith 2009). It was recorded as *Parathyce palpalis* by Hardy (1974) and Miller & Miller (1985).

Polyphylla Harris, 1841

Nomenclatural Authority: Evans & Smith (2009)

Literature Records (genus-only): San Miguel (von Bloeker 1939b: 155), Santa Cruz (von Bloeker 1939b: 155)

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

Notes. Seventeen species of *Polyphylla* have been recorded from California (M Gimmel, unpublished data). The genus was revised by Young (1988). The above literature records were deemed unidentifiable to species (because of specimen damage) by von Bloeker (1939b).

Polyphylla crinita LeConte, 1856

Nomenclatural Authority: Young (1988); Evans & Smith (2009)

Literature Records: Santa Cruz (von Bloeker 1939a: 148; von Bloeker 1939b: 154; Young 1967: 307; Young 1988: 55), Santa Rosa (von Bloeker 1939a: 149; von Bloeker 1939b: 154; Young 1967: 307; Young 1988: 55)

Digitized Records: Santa Catalina (16 LACM), Santa Cruz (47 LACM; 1 SBMNH)

Range: Also known from mainland (Young 1967, 1988).

Notes. This species was first recorded from the Channel Islands as the Santa Cruz-endemic *Polyphylla ona* von Bloeker, 1939 and the Santa Rosa-endemic *Polyphylla santarosae* von Bloeker, 1939 by von Bloeker (1939a, b). These were synonymized with *P. crinita* by Cazier (1940: 137), who also synonymized *Polyphylla nigra* Casey, 1914, *Polyphylla martini* von Bloeker, 1939, and *Polyphylla santacruzae* von Bloeker, 1939 under the same name; Young (1967: 305) followed this arrangement. Later, however,

Young (1988) removed the latter three taxa from synonymy with *P. crinita* (see entry for *P. nigra* below).

Polyphylla nigra Casey, 1914

Nomenclatural Authority: Young (1988); Evans & Smith (2009)

Literature Records: Santa Cruz (von Bloeker 1939a: 149; von Bloeker 1939b: 154; Young 1988: 68), Santa Rosa (von Bloeker 1939a: 149; von Bloeker 1939b: 155; Young 1988: 68)

Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (11 SBMNH)

Range: Also known from mainland (Young 1988).

Notes. This species was first recorded from the Channel Islands as the Santa Rosa-endemic *P. martini* and the Santa Cruz-endemic *P. santacruzae* by von Bloeker (1939a, b). These were synonymized with *P. crinita* by Cazier (1940: 137), which was followed by Young (1967: 305). Later, Young (1988: 67) synonymized these two names with the newly resurrected *P. nigra*. The larva of "*P. santacruzae*" was reported from "beneath roots of *Eucalyptus*, August" (von Bloeker 1939b).

Phobetusini

Notes. One genus and nine species of Phobetusini have been recorded from California (Hardy 1978).

Phobetus LeConte, 1856

Nomenclatural Authority: Evans & Smith (2009)

Literature Records (genus-only): San Clemente (Doyen 1974: 87), Santa Barbara (Miller & Miller 1985: 125)

Digitized Records (genus-only): San Clemente (4 SBMNH), San Nicolas (11 SBMNH), Santa Rosa (26 SBMNH)

Notes. Nine species of *Phobetus* have been recorded from California (Hardy 1978). Barrett (1935) and Hardy (1978) provided keys to species. The San Clemente, San Miguel, and Santa Barbara records of *Phobetus comatus* LeConte, 1856 in von Bloeker (1939b: 155) and San Clemente, San Nicolas, and Santa Rosa specimens in the SBMNH collection apparently represent one or more new species in the *Phobetus testaceus* group; the southern island specimens appear to be brachypterous (MLG, personal observation). The genus needs revision (A Evans, 2021, pers. comm.).

Phobetus ciliatus Barrett, 1935

Nomenclatural Authority: Evans & Smith (2009)

Literature Records: Santa Catalina (Barrett 1935: 51; Cazier 1937: 84; Cockerell 1940: 286; Miller 1985a: 19; Caterino & Chandler 2010: 187)

Digitized Records: Santa Catalina (17 LACM; 4 SBMNH)
Range: Endemic (Barrett 1935; Cazier 1937; Hardy 1978; Miller 1985a; Caterino & Chandler 2010).
Notes. Recorded simply from "Channel Islands, California" by Hardy (1978). However, this distinctive species appears to be restricted to Santa Catalina Island (A Evans, 2021, pers. comm.). Fall's (1897: 238; 1901: 141) and von Bloeker's (1939b: 155) records of *P. comatus* from that island apparently represent *P. ciliatus* (Cockerell 1940: 286).

Phobetus testaceus LeConte, 1862
Nomenclatural Authority: Evans & Smith (2009)
Literature Records: Santa Cruz (LeConte 1861: 346; Casey 1909: 282; Fall & Davis 1934: 144; Cazier 1937: 85; Cockerell 1940: 286; Evans 1985: 87; Miller 1985a: 19)
Digitized Records: Santa Cruz (22 SBMNH; 3 UCSB)
Range: Endemic (LeConte 1861; Cazier 1937; Hardy 1978; Evans 1985; Miller 1985a).
Notes. Casey (1909: 282) opined that this was "probably... a well-marked subspecies of *comatus*." Von Bloeker (1939b: 155) noted that Fall (1897: 238) recorded this species from Santa Cruz Island under *P. comatus*, and did not provide any new records or comments on its validity. Evans (1985: 87) reported adults copulating and feeding on *Cercocarpus betuloides blancheae* (C. K. Schneid.) Little. Recorded simply from "Channel Islands, California" by Hardy (1978). Apparently endemic to Santa Cruz Island (A Evans, 2021, pers. comm.).

Rhizotrogini

Notes. One genus and 11 species of Rhizotrogini are known to occur in California (M Gimmel, unpublished data).

Phyllophaga Harris, 1827

Nomenclatural Authority: Evans & Smith (2009)
Notes. Eleven species of *Phyllophaga* are known from California, belonging to two subgenera, *Listrochelus* Blanchard, 1851 and *Phyllophaga* (*s.str.*) (M Gimmel, unpublished data).

Phyllophaga (*Listrochelus*) *mucorea* (LeConte, 1856)
Nomenclatural Authority: Evans & Smith (2009)
Literature Records: San Clemente (von Bloeker 1939b: 154)
Digitized Records: none
Range: Also known from mainland (Evans & Smith 2009).
Notes. Reported by von Bloeker (1939b) as *Listrochelus mucoreus*.

Sericini

Notes. One genus and 49 species of Sericini have been recorded from California (M Gimmel, unpublished data).

Serica MacLeay, 1819

Nomenclatural Authority: Evans & Smith (2009)

Literature Records (genus-only): San Clemente (Doyen 1974: 87), Santa Barbara (Miller & Miller 1985: 125)

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

Notes. Forty-nine species of *Serica* have been recorded from California (M Gimmel, unpublished data). The genus is under revision by P Lago (2022, pers. comm.).

Serica alternata LeConte, 1856

Nomenclatural Authority: Evans & Smith (2009)

Literature Records: San Clemente (von Bloeker 1939b: 154), San Nicolas (von Bloeker 1939b: 154), Santa Barbara (von Bloeker 1939b: 154)

Digitized Records: none

Range: Also known from mainland (Dawson 1933).

Notes. Miller & Miller (1985) rejected von Bloeker's (1939b) island records of this species, since Dawson (1933) had revised the species previously included under *S. alternata*, and von Bloeker (1939b) apparently ignored this.

Serica catalina Dawson, 1947

Nomenclatural Authority: Evans & Smith (2009)

Literature Records: Santa Catalina (Dawson 1947: 234; Miller 1985a: 19; Caterino & Chandler 2010: 187)

Digitized Records: none

Range: Endemic (Dawson 1947; Miller 1985a; Caterino & Chandler 2010).

Serica cruzi Saylor, 1939

Nomenclatural Authority: Evans & Smith (2009)

Literature Records: Santa Cruz (Saylor 1939: 55; Miller 1985a: 19)

Digitized Records: Santa Cruz (5 LACM; 1 SBMNH; 1 UCSB; 1 USNM)

Range: Endemic (Saylor 1939; Miller 1985a).

Serica mixta LeConte, 1856

Nomenclatural Authority: Evans & Smith (2009)

Literature Records: San Clemente (von Bloeker 1939b: 154), San Miguel (von Bloeker 1939b: 154), San Nicolas (von Bloeker 1939b: 154), Santa Cruz (von Bloeker 1939b: 154), Santa Rosa (von Bloeker 1939b: 154)
Digitized Records: none
Range: Also known from mainland (Dawson 1947).

Scarabaeinae

Notes. Five tribes, seven genera, and nine species of Scarabaeinae are known to occur in California (M Gimmel, unpublished data).

Canthon Hoffmannsegg, 1817
Nomenclatural Authority: Smith (2009)
Notes. One species of *Canthon* has been recorded from California (Robinson 1948), belonging to the subgenus *Boreocanthon* Halffter, 1958.

Canthon (*Boreocanthon*) *simplex* LeConte, 1857
Nomenclatural Authority: Robinson (1948)
Literature Records: San Clemente (von Bloeker 1939b: 153)
Digitized Records: none
Range: Also known from mainland (Robinson 1948).

Trogidae

Notes. This family is represented by two genera and eight species in California (Vaurie 1955). The family was treated for North America by Vaurie (1955).

Trox Fabricius, 1775
Nomenclatural Authority: Smith (2009)
Notes. Six species of *Trox* have been recorded from California (Vaurie 1955).

Trox atrox LeConte, 1854
Nomenclatural Authority: Vaurie (1955)
Literature Records: San Clemente (von Bloeker 1939b: 154)
Digitized Records: San Clemente (2 LACM)
Range: Also known from mainland (Vaurie 1955).

Trox gemmulatus Horn, 1874
Nomenclatural Authority: Vaurie (1955)
Literature Records: San Clemente (von Bloeker 1939b: 154)

Digitized Records: San Clemente (5 LACM; 1 SBMNH)
Range: Also known from mainland (Vaurie 1955).

STAPHYLINOIDEA

Colonidae, NEW FAMILY RECORD

Notes. One genus and 14 species of Colonidae have been recorded from California (Peck & Stephan 1996; Peck & Newton 2017). Until recently, this family was treated as a subfamily of Leiodidae (see Cai et al. 2022).

Colon Herbst, 1797

Nomenclatural Authority: Peck & Newton (2017)
Notes. Peck & Stephan (1996) reported 14 species of *Colon* from California belonging to three subgenera (*Colon* (*s.str.*), *Eurycolon* Ganglbauer, 1899, and *Myloechus* Latreille, 1806) in their revision of the North American species of the genus.

Colon (*Myloechus*) *forceps* Hatch, 1957
Nomenclatural Authority: Peck & Newton (2017)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Peck & Stephan 1996).

Hydraenidae

Notes. Two subfamilies, five genera, and 49 species of Hydraenidae recorded from California (Perkins 1980). This family was treated for the New World by Perkins (1980).

Hydraeninae

Notes. Two genera and 16 species of Hydraeninae have been recorded from California (Perkins 1980).

Hydraena Kugelann, 1794

Nomenclatural Authority: Perkins (1980)
Digitized Records (genus-only): San Clemente (6 SBMNH), Santa Cruz (23 SBMNH), Santa Rosa (10 SBMNH)
Notes. Twelve species of *Hydraena* have been recorded from California (Perkins 1980).

Hydraena arenicola Perkins, 1980

Nomenclatural Authority: Perkins (1980)
Literature Records: Santa Cruz (Perkins 1980: 485)
Digitized Records: none
Range: Also known from mainland (Perkins 1980).

Hydraena circulata Perkins, 1980
Nomenclatural Authority: Perkins (1980)
Literature Records: Santa Cruz (Perkins 1980: 483)
Digitized Records: none
Range: Also known from mainland (Perkins 1980).

Hydraena vandykei d'Orchymont, 1923
Nomenclatural Authority: Perkins (1980)
Literature Records: Santa Cruz (Perkins 1980: 493)
Digitized Records: none
Range: Also known from mainland (Perkins 1980).

Ochthebiinae

Notes. Three genera and 33 species of Ochthebiinae have been recorded from California (Perkins 1980).

Ochthebius Leach, 1815
Nomenclatural Authority: Perkins (1980)
Digitized Records (genus-only): San Clemente (52 SBMNH), San Miguel (50 SBMNH), San Nicolas (22 SBMNH), Santa Catalina (14 SBMNH), Santa Cruz (30 SBMNH), Santa Rosa (103 SBMNH)
Notes. Thirty species of *Ochthebius* have been recorded from California (Perkins 1980).

Ochthebius discretus LeConte, 1878
Nomenclatural Authority: Perkins (1980)
Literature Records: Santa Catalina (Fall 1897: 236)
Digitized Records: none
Range: Also known from mainland (Perkins 1980).

Ochthebius interruptus LeConte, 1852
Nomenclatural Authority: Perkins (1980)
Literature Records: Santa Cruz (Perkins 1980: 507; Furlong & Wenner 2002: 250)
Digitized Records: none
Range: Also known from mainland (Perkins 1980).

Ochthebius puncticollis LeConte, 1852

Nomenclatural Authority: Perkins (1980)

Literature Records: Santa Cruz (Perkins 1980: 524)

Digitized Records: Santa Cruz (3 SBMNH)

Range: Also known from mainland (Perkins 1980).

Leiodidae

Notes. There are four subfamilies, 19 genera, and 101 species of Leiodidae known from California (Peck & Newton 2017; M Gimmel, unpublished data). A distributional catalog of the North American fauna of the family was provided by Peck & Newton (2017).

Catopocerinae

Notes. One genus and 23 species of Catopocerinae have been recorded from California (Peck & Cook 2011).

Pinodytes Horn, 1880

Nomenclatural Authority: Peck & Newton (2017)

Notes. A total of 23 species of this genus is known from California (Peck & Cook 2011), and it is likely that additional species will be discovered in the Channel Islands. The genus was revised by Peck & Cook (2011).

Pinodytes gibbosus Peck & Cook, 2011

Nomenclatural Authority: Peck & Newton (2017)

Literature Records: Santa Catalina (Peck & Cook 2011: 26), Santa Cruz (Peck & Cook 2011: 26), Santa Rosa (Peck & Cook 2011: 26)

Digitized Records: Santa Catalina (7 SBMNH), Santa Cruz (4 SBMNH), Santa Rosa (36 SBMNH)

Range: Also known from mainland (Peck & Cook 2011).

Notes. Caterino & Chandler (2010: 191) reported the genus *Catopocerus* Motschulsky, 1870 from Santa Catalina Island; this record presumably refers to this species.

Leiodinae

Notes. Three tribes, 13 genera, and 63 species of Leiodinae have been recorded from California (Peck & Newton 2017; M Gimmel, unpublished data).

Agathidium Panzer, 1797

Nomenclatural Authority: Peck & Newton (2017)

Notes. Twenty-three species of *Agathidium* have been recorded from California (Miller & Wheeler 2005; Wheeler & Miller 2005). This genus was monographed for North America in two papers by Miller & Wheeler (2005) and Wheeler & Miller (2005).

Agathidium pulchrum LeConte, 1853

Nomenclatural Authority: Peck & Newton (2017)

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (Miller & Wheeler 2005).

Agathidium virile Fall, 1901

Nomenclatural Authority: Peck & Newton (2017)

Literature Records: none

Digitized Records: San Clemente (29 SBMNH), Santa Catalina (2 SBMNH)

Range: Also known from mainland (Wheeler & Miller 2005).

Leiodes Latreille, 1797

Nomenclatural Authority: Peck & Newton (2017)

Literature Records (genus-only): Santa Catalina (Caterino & Chandler 2010: 191)

Notes. Sixteen species of *Leiodes* have been recorded from California (Baranowski 1993). This genus was revised for North America by Baranowski (1993). Caterino & Chandler (2010: 191) reported this genus as a new record from Santa Catalina Island.

Leiodes antennata (Fall, 1910)

Nomenclatural Authority: Peck & Newton (2017)

Literature Records: none

Digitized Records: Santa Catalina (3 SBMNH)

Range: Also known from mainland (Baranowski 1993).

Leiodes paludicola (Crotch, 1874)

Nomenclatural Authority: Peck & Newton (2017)

Literature Records: none

Digitized Records: Santa Catalina (3 SBMNH)

Range: Also known from mainland (Baranowski 1993).

Ptiliidae, NEW FAMILY RECORD

Notes. Two subfamilies, 11 genera, and 29 species of Ptiliidae are known to occur in California (M Gimmel, unpublished data).

Nossidiinae

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

Motschulskium Matthews, 1872

Nomenclatural Authority: Hall (2000)

Notes. One species of *Motschulskium* has been recorded from the west coast of North America, including California (Hall 2000).

Motschulskium sinuatocolle Matthews, 1872

Nomenclatural Authority: Hall (2000)

Literature Records: none

Digitized Records: San Clemente (6 SBMNH), San Nicolas (6 SBMNH), Santa Catalina (1 SBMNH)

Range: Also known from mainland (Hall 2000).

Ptiliinae

Notes. Five tribes, nine genera, and 27 species of Ptiliinae are known to occur in California (M Gimmel, unpublished data).

Acrotrichini

Notes. Two genera and 11 species of Acrotrichini are known to occur in California (M Gimmel, unpublished data).

Acrotrichis Motschulsky, 1848

Nomenclatural Authority: Hall (2000)

Notes. Ten species of *Acrotrichis* have been recorded from California (M Gimmel, unpublished data).

Acrotrichis undetermined species

Literature Records: none

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

Ptenidiini

Notes. One genus and four species of Ptenidiini have been recorded from California (M Gimmel, unpublished data).

Ptenidium Erichson, 1845

Nomenclatural Authority: Hall (2000)

Notes. Four species of *Ptenidium* have been recorded from California (M Gimmel, unpublished data).

Ptenidium undetermined species

Literature Records: none

Digitized Records: Santa Rosa (33 SBMNH)

Ptiliini

Notes. Three genera and nine species of Ptiliini are known to occur in California (M Gimmel, unpublished data).

Actidium Matthews, 1869

Nomenclatural Authority: Hall (2000)

Notes. Four species of *Actidium* have been recorded from California (M Gimmel, unpublished data).

Actidium undetermined species

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Ptiliolum Flach, 1888

Nomenclatural Authority: Hall (2000)

Notes. No species of *Ptiliolum* have been recorded from California in the literature (M Gimmel, unpublished data); this represents a **new state record** for the genus.

Ptiliolum undetermined species

Literature Records: none

Digitized Records: San Clemente (9 SBMNH), Santa Catalina (38 SBMNH), Santa Rosa (30 SBMNH)

Ptinellini

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

Pteryx Matthews, 1859

Nomenclatural Authority: Hall (2000)

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.

Pteryx undetermined species

Literature Records: none

Digitized Records: Santa Cruz (27 SBMNH), Santa Rosa (24 SBMNH)

Staphylinidae

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.

Aleocharinae

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.

Aleocharini

Notes. Three genera and 36 species of Aleocharini are known to occur in California (M Gimmel, unpublished data).

Aleochara Gravenhorst, 1802

Nomenclatural Authority: Newton et al. (2000)

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).

Aleochara (*Coprochara*) *bimaculata* Gravenhorst, 1802

Nomenclatural Authority: Klimaszewski (1984)

Literature Records: San Clemente (Fall 1897: 236), Santa Catalina (Fall 1897: 236)

Digitized Records: none
Range: Also known from mainland (Klimaszewski 1984).

Aleochara (*Coprochara*) *densissima* Bernhauer, 1906
Nomenclatural Authority: Klimaszewski (1984)
Literature Records: Santa Catalina (Cockerell 1940: 285; Klimaszewski 1984: 27)
Digitized Records: none
Range: Also known from mainland (Klimaszewski 1984).

Aleochara (*Coprochara*) *sulcicollis* Mannerheim, 1843
Nomenclatural Authority: Klimaszewski (1984)
Literature Records: San Miguel (Cockerell 1940: 285), San Nicolas (Cockerell 1940: 285), Santa Cruz (Klimaszewski 1984: 33), Santa Rosa (Fall 1897: 236)
Digitized Records: San Clemente (5 SBMNH), San Miguel (17 SBMNH), San Nicolas (5 SBMNH), Santa Catalina (4 SBMNH), Santa Cruz (40 SBMNH), Santa Rosa (2 SBMNH)
Range: Also known from mainland (Klimaszewski 1984).
Notes. This species was recorded as *Baryodma sulcicollis* by Cockerell (1940).

Aleochara (*Emplenota*) *curtidens* Klimaszewski, 1984
Nomenclatural Authority: Klimaszewski (1984)
Literature Records: Santa Barbara (Klimaszewski 1984: 102; Miller & Miller 1985: 124)
Digitized Records: none
Range: Also known from mainland (Klimaszewski 1984).
Notes. Misspelled by Miller & Miller (1985) as *Aleochara curtedens*.

Aleochara (*Emplenota*) *littoralis* (Mäklin, 1853)
Nomenclatural Authority: Klimaszewski (1984)
Literature Records: Santa Barbara (Fall 1897: 236), Santa Catalina (Fall 1897: 236; Klimaszewski 1984: 99)
Digitized Records: none
Range: Also known from mainland (Fall 1901; Klimaszewski 1984).
Notes. Fall (1897) recorded this species as *Polistoma arenaria* Casey and Fall (1901) recorded it as *Polystoma arenaria* from “the islands off the coast”; *P. arenaria* was synonymized with *A. littoralis* by Klimaszewski (1984: 98).

Aleochara (*Maseochara*) *valida* LeConte, 1858
Nomenclatural Authority: Klimaszewski (1984)
Literature Records: Santa Catalina (Klimaszewski 1984: 107)
Digitized Records: San Clemente (5 SBMNH), San Miguel (12 SBMNH), Santa Rosa (5

SBMNH)
Range: Also known from mainland (Klimaszewski 1984).

Aleochara (*Xenochara*) *fumata* Gravenhorst, 1802
Nomenclatural Authority: Klimaszewski (1984)
Literature Records: Santa Catalina (Klimaszewski 1984: 53)
Digitized Records: none
Range: Also known from mainland (Klimaszewski 1984).
Notes. This species was introduced from the Palearctic region (Klimaszewski 1984).

Aleochara (*Xenochara*) *lanuginosa* Gravenhorst, 1802
Nomenclatural Authority: Klimaszewski (1984)
Literature Records: Santa Rosa (Klimaszewski 1984: 50)
Digitized Records: Santa Rosa (4 SBMNH)
Range: Also known from mainland (Klimaszewski 1984).
Notes. This species was introduced from the Palearctic region (Klimaszewski 1984).

Athetini

Notes. Twenty-eight genera and 124 species of Athetini are known to occur in California (M Gimmel, unpublished data).

Acrotona Thomson, 1859
Nomenclatural Authority: Newton et al. (2000)
Digitized Records (genus-only): San Nicolas (1 SBMNH), Santa Cruz (4 SBMNH)
Notes. Six species of *Acrotona* have been reported from California (M Gimmel, unpublished data).

Acrotona recondita (Erichson, 1839)
Nomenclatural Authority: Klimaszewski et al. (2015)
Literature Records: Santa Catalina (Casey 1910: 136)
Digitized Records: none
Range: Also known from mainland (Casey 1910; Klimaszewski et al. 2015).
Notes. Reported by Casey (1910) as *Arisota umbrina* Casey, 1910, currently a synonym of *Ac. recondita* (see Klimaszewski et al. 2015).

Acrotona sonomana (Casey, 1910)
Nomenclatural Authority: Gusarov (2003b)
Literature Records: Santa Catalina (Casey 1911: 166; Miller 1985a: 19; Gusarov 2003b: 106)

Digitized Records: none
Range: Also known from mainland (Gusarov 2003b).
Notes. Reported as the "endemic" *Strigota* (*Eustrigota*) *seclusa* Casey, 1911 by Casey (1911) and Miller (1985a). This species was synonymized with *A. sonomana* by Gusarov (2003b).

Adota Casey, 1910

Nomenclatural Authority: Newton et al. (2000); Gusarov (2003a)
Notes. Of the three *Adota* species in North America, two have been reported from California (Gusarov 2003a), both from seashore environments.

Adota maritima (Mannerheim, 1843)
Nomenclatural Authority: Gusarov (2003a)
Literature Records: Santa Catalina (Gusarov 2003a: 11)
Digitized Records: none
Range: Occurs along much of the west coast of North America, from southern California to Alaska (Gusarov 2003a).

Atheta Thomson, 1858

Nomenclatural Authority: Newton et al. (2000)
Notes. Sixteen species of *Atheta* have been recorded from California (M Gimmel, unpublished data).

Atheta hampshirensis Bernhauer, 1909
Nomenclatural Authority: Gusarov (2003b)
Literature Records: none
Digitized Records: San Nicolas (1 SBMNH)
Range: Also known from mainland (Gusarov 2003b).

Hydrosmecta Thomson, 1858

Nomenclatural Authority: Newton et al. (2000)
Notes. As many as nine species of *Hydrosmecta* may occur in California (MLG and MSC, personal data), but the genus has not been recently revised. Several may not be congeneric, and some may be synonyms (Seevers 1978).

Hydrosmecta undetermined species
Literature Records: none
Digitized Records: Santa Cruz (20 SBMNH)

Pontomalota Casey, 1885

Nomenclatural Authority: Newton et al. (2000)

Notes. Two species of *Pontomalota* have been recorded from California (Ahn & Ashe 1992). The species of this genus were revised by Ahn & Ashe (1992).

Pontomalota opaca (LeConte, 1863)

Nomenclatural Authority: Ahn & Ashe (1992)

Literature Records: San Miguel (Ahn & Ashe 1992: 352)

Digitized Records: San Miguel (30 SBMNH), San Nicolas (6 SBMNH), Santa Rosa (7 SBMNH)

Range: Also known from mainland (Ahn & Ashe 1992).

"*Sonomota*" Casey, 1911

Nomenclatural Authority: Newton et al. (2000)

Notes. Currently this genus-group name is a synonym of *Atheta* (*Microdota*) Mulsant & Rey, 1873, not of *Geostiba* Thomson, 1858 as listed by Newton et al. (2000) (see Gusarov 2002). However, it is being used here to designate a distinctive group of West Coast athetines (V Gusarov, 2022, pers. comm.).

Sonomota undetermined species

Literature Records: none

Digitized Records: San Clemente (7 SBMNH), Santa Cruz (7 SBMNH)

Tarphiota Casey, 1893

Nomenclatural Authority: Newton et al. (2000)

Notes. Two species of *Tarphiota* have been recorded from California (Ahn 1996b; Klimaszewski, Majka & Langor 2006). The North American species were revised by Ahn (1996b); Klimaszewski, Majka & Langor (2006) provided an update.

Tarphiota fucicola (Mäklin, 1852)

Nomenclatural Authority: Ahn (1996b)

Literature Records: none

Digitized Records: San Miguel (24 SBMNH), San Nicolas (5 SBMNH), Santa Cruz (29 SBMNH), Santa Rosa (16 SBMNH)

Range: Also known from mainland (Ahn 1996b).

Tarphiota geniculata (Mäklin, 1852)

Nomenclatural Authority: Ahn (1996b)

Literature Records: none

Digitized Records: San Clemente (9 SBMNH), San Miguel (17 SBMNH), San Nicolas (5

SBMNH), Santa Catalina (10 SBMNH), Santa Cruz (30 SBMNH), Santa Rosa (13 SBMNH)
Range: Also known from mainland (Ahn 1996b).

Thinusa Casey, 1893

Nomenclatural Authority: Newton et al. (2000)
Digitized Records: Santa Cruz (1 UCRC)
Notes. Two species of *Thinusa* have been recorded from California (Ahn 1997). The species of this genus were revised by Ahn (1997).

Thinusa fletcheri Casey, 1906

Nomenclatural Authority: Ahn (1997)
Literature Records: none
Digitized Records: San Clemente (2 SBMNH), San Nicolas (1 SBMNH), Santa Catalina (1 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Ahn 1997).

Thinusa maritima (Casey, 1885)

Nomenclatural Authority: Ahn (1997)
Literature Records: Santa Cruz (Ahn 1997: 80)
Digitized Records: Santa Cruz (2 SBMNH)
Range: Also known from mainland (Ahn 1997).

Falagriini

Notes. Six genera and seven species of Falagriini have been recorded from California (M Gimmel, unpublished data). The species of Falagriini were revised for North America by Hoebeke (1985).

Falagriota Casey, 1906

Nomenclatural Authority: Newton et al. (2000)
Notes. One species of *Falagriota* has been recorded from California (Hoebeke 1985).

Falagriota occidua (Casey, 1885)

Nomenclatural Authority: Hoebeke (1985)
Literature Records: Santa Cruz (Naughton et al. 2014: 304)
Digitized Records: Santa Cruz (11 SBMNH), Santa Rosa (2 SBMNH)
Range: Also known from mainland (Hoebeke 1985).

Homalotini

Notes. Nine genera and 32 species of Homalotini have been recorded from California (M Gimmel, unpublished data).

Diestota Mulsant & Rey, 1871

Nomenclatural Authority: Newton et al. (2000)

Notes. Two species, *Diestota angustula* (Casey, 1906) and *Diestota spissula* (Casey, 1911), have been recorded from California (Seevers 1978, as *Apheloglossa* Casey, 1893).

Diestota undetermined species

Literature Records: none

Digitized Records: San Clemente (3 SBMNH), San Miguel (14 SBMNH), San Nicolas (4 SBMNH), Santa Catalina (2 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (1 SBMNH)

Stictalia Casey, 1906

Nomenclatural Authority: Newton et al. (2000)

Notes: The sixteen North American species of *Stictalia* are all western (Newton et al. 2000). Of these, 12 have been recorded from California, but essentially only from their original type localities (Seevers 1978).

Stictalia undetermined species

Literature Records: none

Digitized Records: San Clemente (36 SBMNH), Santa Cruz (5 SBMNH), Santa Rosa (15 SBMNH)

Hypocyphtini

Notes. Three genera and five species of Hypocyphtini are known to occur in California (M Gimmel, unpublished data).

Holobus Solier, 1849

Nomenclatural Authority: Newton et al. (2000)

Notes: Only one species, *Holobus oviformis* Casey, 1893, has been recorded from California, from Los Angeles and San Diego counties. It is likely that the undetermined Santa Catalina Island specimen below is referable to this species.

Holobus undetermined species

Literature Records: none

Digitized Records: Santa Catalina (1 SBMNH)

Oligota Mannerheim, 1830

Nomenclatural Authority: Newton et al. (2000)

Notes: Three of the ten North American species of *Oligota* have been recorded from California (M Gimmel, unpublished data).

Oligota undetermined species

Literature Records: none

Digitized Records: San Nicolas (1 SBMNH), Santa Cruz (4 SBMNH), Santa Rosa (15 SBMNH)

Liparocephalini

Notes. Four genera and seven species of Liparocephalini are known to occur in California (M Gimmel, unpublished data).

Diaulota Casey, 1893

Nomenclatural Authority: Newton et al. (2000)

Notes. Four species of *Diaulota* have been recorded from California (Ahn 1996a). The species of this genus were reviewed by Ahn (1996a).

Diaulota fulviventris Moore, 1956

Nomenclatural Authority: Ahn (1996a)

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH), Santa Rosa (1 SBMNH)

Range: Also known from mainland (Ahn 1996a).

Myllaenini

Notes. Two genera and eight species of Myllaenini have been recorded from California (M Gimmel, unpublished data).

Bryothinusa Casey, 1904

Nomenclatural Authority: Newton et al. (2000)

Notes. One species of *Bryothinusa* has been recorded from California (Moore & Orth 1979).

Bryothinusa catalinae Casey, 1904

Nomenclatural Authority: Moore & Orth (1979)

Literature Records: Santa Catalina (Casey 1904: 313; Baker 1905: 57; Moore 1956: 132)

Digitized Records: Santa Catalina (8 USNM)

Range: Also known from mainland (Moore 1956; Moore & Orth 1979).
Notes. Moore & Orth (1979) described the larva of this odd seashore species. The species was considered endemic to Santa Catalina Island until Moore (1956) reported on mainland specimens.

Myllaena Erichson, 1837

Nomenclatural Authority: Newton et al. (2000)
Notes. Seven species of *Myllaena* have been reported from California (Klimaszewski 1982). At least four of these occur in coastal southern California, potentially conspecific with *Myllaena* from the Channel Islands. The species were revised for North America by Klimaszewski (1982).

Myllaena undetermined species
Literature Records: none
Digitized Records: San Miguel (3 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (11 SBMNH), Santa Rosa (1 SBMNH)

Oxypodini

Notes. Twenty genera and 78 species of Oxypodini are known to occur in California (M Gimmel, unpublished data).

Meoticina undetermined genus and species
Literature Records: none
Digitized Records: Santa Cruz (8 SBMNH)
Notes: Four genera of this oxypodine subtribe are known from California, *Gyronycha* Casey, 1893, *Alisalia* Casey, 1911, *Apimela* Mulsant & Rey, 1874, and *Bamona* Sharp, 1883 (Newton et al. 2000), though none, yet, from the Channel Islands. This record is certainly referable to one of them.

Blepharhymenus Solier, 1849

Nomenclatural Authority: Newton et al. (2000)
Notes: Nineteen species of *Blepharhymenus* have been described from California (Seevers 1978), all in need of revision.

Blepharhymenus undetermined species
Literature Records: none
Digitized Records: San Clemente (2 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (10 SBMNH)

Oxypoda Mannerheim, 1830

Nomenclatural Authority: Newton et al. (2000)

Notes. Twenty-eight species of *Oxypoda* have been recorded from California (M Gimmel, unpublished data).

Oxypoda undetermined species

Literature Records: none

Digitized Records: Santa Catalina (4 SBMNH), Santa Cruz (10 SBMNH), Santa Rosa (15 SBMNH)

Phloeopora Erichson, 1837

Nomenclatural Authority: Newton et al. (2000)

Notes: Two of the eight North American species of the cosmopolitan genus *Phloeopora* have been reported from California (Seevers 1978).

Phloeopora undetermined species

Literature Records: none

Digitized Records: Santa Cruz (3 SBMNH)

Tachyusini

Notes. Seven genera and 27 species of Tachyusini are known to occur in California (M Gimmel, unpublished data).

Gnypeta Thomson, 1858

Nomenclatural Authority: Newton et al. (2000)

Notes: Eighteen species of this large, widespread genus have been reported from California (Seevers 1978), but they are in need of revision.

Gnypeta undetermined species

Literature Records: none

Digitized Records: Santa Cruz (4 SBMNH), Santa Rosa (2 SBMNH)

Habrocerinae

Notes. The subfamily Habrocerinae, which contains one genus and species in California, was revised by Assing & Wunderle (1995).

Habrocerus Erichson, 1839

Nomenclatural Authority: Herman (2001)

Notes. One adventive species of *Habrocerus* occurs in California (Herman 2001).

Habrocerus capillaricornis (Gravenhorst, 1806)
Nomenclatural Authority: Herman (2001)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Assing & Wunderle 1995).
Notes. This species was introduced to North America from the Western Palearctic (Assing & Wunderle 1995).

Leptotyphlinae

Notes. The subfamily Leptotyphlinae contains seven genera and 12 described species in California (M Gimmel, unpublished data).

Leptotyphlinae undetermined genus and species
Literature Records: none
Digitized Records: Santa Cruz (2 SBMNH).
Notes. The two specimen lots recorded above from SBMNH are currently housed in ethanol tubes and collectively represent >30 specimens. A large number of undescribed species of Leptotyphlinae are known to occur in California (V Gusarov, 2022, pers. comm.); the Channel Island specimens are almost certainly undescribed.

Mycetoporinae

Notes. This subfamily was recently split from Tachyporinae by Yamamoto (2021). It contains nine genera and 29 species in California (M Gimmel, unpublished data).

Bryoporus Kraatz, 1857
Nomenclatural Authority: Herman (2001)
Notes. One species of *Bryoporus* has been recorded from California (Campbell 1993b). The genus was revised for North America by Campbell (1993b).

Bryoporus rufescens LeConte, 1863
Nomenclatural Authority: Herman (2001)
Literature Records: Santa Cruz (Naughton et al. 2014: 304)
Digitized Records: San Clemente (32 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Campbell 1993b).

Lordithon Thomson, 1859

Nomenclatural Authority: Herman (2001)

Notes. Four species of *Lordithon* have been recorded from California (Campbell 1982). This genus was revised for North America by Campbell (1982). Additional species are likely to occur on the Channel Islands.

Lordithon thoracicus (Fabricius, 1777)

Nomenclatural Authority: Herman (2001)

Literature Records: none

Digitized Records: Santa Catalina (2 SBMNH), Santa Cruz (7 SBMNH)

Range: Also known from mainland (Campbell 1982).

Notes. The nominate subspecies, *L. t. thoracicus* (Fabricius, 1777), is the only subspecies occurring in California (Campbell 1982). The species has a Holarctic distribution (Campbell 1982).

Mycetoporus Mannerheim, 1830

Nomenclatural Authority: Herman (2001)

Notes. Six species of *Mycetoporus* have been recorded from California (Campbell 1991). The genus was revised for North America by Campbell (1991). Additional species of *Mycetoporus* possibly occur on the Channel Islands.

Mycetoporus neotomae Fall, 1910

Nomenclatural Authority: Herman (2001)

Literature Records: none

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

Range: Also known from mainland (Campbell 1991).

Omaliinae: Omaliini

Notes. Five tribes, 33 genera, and 95 species of Omaliinae are known to occur in California, with 10 genera and 22 species of Omaliini known to occur in the state (Herman 2001; M Gimmel, unpublished data).

Omalium Gravenhorst, 1802

Nomenclatural Authority: Herman (2001)

Notes. Eight species of *Omalium* have been recorded from California (Herman 2001).

Omalium algarum Casey, 1885

Nomenclatural Authority: Herman (2001)

Literature Records: none

Digitized Records: San Nicolas (1 LACM)
Range: Also known from mainland (Frank & Ahn 2011).
Notes. One of the few seashore-inhabiting species of the genus, *O. algarum* occurs along much of the West Coast of North America, from southern California to British Columbia (Frank & Ahn 2011).

Oxytelinae

Notes. Four tribes, 13 genera, and 79 species of Oxytelinae are known to occur in California (Herman 2001; M Gimmel, unpublished data). "Oxytelinae" was reported from Santa Cruz Island by Straughan & Hadley (1980: 392).

Blediini

Notes. One genus and 34 species of Blediini have been recorded from California (Herman 2001).

Bledius Leach, 1819
Nomenclatural Authority: Herman (2001)
Literature Records (genus-only): Santa Catalina (Straughan & Hadley 1980: 392)
Digitized Records (genus-only): Santa Cruz (1 SBMNH)
Notes. Thirty-four species of *Bledius* have been recorded from California (Herman 2001). The species were revised in a series of papers by Herman (1972, 1976, 1983, 1986).

Bledius albonotatus Mäklin, 1853
Nomenclatural Authority: Herman (2001)
Literature Records: San Miguel (Herman 1983: 123), San Nicolas (Herman 1983: 123)
Digitized Records: San Miguel (16 SBMNH), San Nicolas (3 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (11 SBMNH)
Range: Also known from mainland (Herman 1983).

Bledius fenyesi Bernhauer & Schubert, 1911
Nomenclatural Authority: Herman (2001)
Literature Records: San Miguel (Herman 1976: 164), San Nicolas (Herman 1976: 164), Santa Cruz (Herman 1976: 164)
Digitized Records: San Clemente (7 SBMNH), San Miguel (38 SBMNH), San Nicolas (3 SBMNH), Santa Catalina (7 SBMNH), Santa Cruz (19 SBMNH), Santa Rosa (10 SBMNH)
Range: Also known from mainland (Herman 1976).

Bledius opacifrons LeConte, 1877
Nomenclatural Authority: Herman (2001)
Literature Records: none
Digitized Records: Santa Cruz (6 SBMNH), Santa Rosa (16 SBMNH)
Range: Also known from mainland (Herman 1976).

Bledius ruficornis LeConte, 1863
Nomenclatural Authority: Herman (2001)
Literature Records: San Clemente (Herman 1983: 128)
Digitized Records: San Clemente (1 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (11 SBMNH)
Range: Also known from mainland (Herman 1983).

Oxytelini

Notes. Ten genera and 42 species of Oxytelini have been recorded from California (Herman 2001; M Gimmel, unpublished data).

Aploderus Stephens, 1833
Nomenclatural Authority: Herman (2001)
Digitized Records (genus-only): Santa Cruz (15 SBMNH), Santa Rosa (20 SBMNH)
Notes. Seven species of *Aploderus* have been recorded from California (Herman 2001).

Aploderus flavipennis Casey, 1889
Nomenclatural Authority: Herman (2001)
Literature Records: Santa Catalina (Fall 1897: 237)
Digitized Records: none
Range: Also known from mainland (Herman 2001).
Notes. Reported by Fall (1897) as *Haploderus flavipennis*.

Apocellus Erichson, 1839
Nomenclatural Authority: Herman (2001)
Notes. Three species of *Apocellus* have been recorded from California (Herman 2001).

Apocellus analis LeConte, 1877
Nomenclatural Authority: Herman (2001)
Literature Records: Santa Catalina (Fall 1897: 237)
Digitized Records: none
Range: Also known from mainland (Herman 2001).

Carpelimus Leach, 1819

Nomenclatural Authority: Herman (2001)

Notes. Thirteen species of *Carpelimus* have been recorded from California (Herman 2001).

Carpelimus undetermined species

Literature Records: none

Digitized Records: San Clemente (1 SBMNH), San Nicolas (3 SBMNH), Santa Catalina (2 SBMNH), Santa Cruz (19 SBMNH), Santa Rosa (2 SBMNH)

Platystethus Mannerheim, 1830

Nomenclatural Authority: Herman (2001)

Notes. Two species of *Platystethus* have been recorded from California (Moore & Legner 1971). The North American species were reviewed by Moore & Legner (1971).

Platystethus americanus Erichson, 1840

Nomenclatural Authority: Herman (2001)

Literature Records: none

Digitized Records: Santa Rosa (3 SBMNH)

Range: Also known from mainland (Moore & Legner 1971).

Thinobius Kiesenwetter, 1844

Nomenclatural Authority: Herman (2001)

Notes. Six species of *Thinobius* have been recorded from California (Herman 2001).

Thinobius undetermined species

Literature Records: none

Digitized Records: San Nicolas (10 SBMNH), Santa Cruz (8 SBMNH), Santa Rosa (41 SBMNH)

Paederinae: Paederini

Notes. Two tribes, 19 genera, and 101 species of Paederinae are known to occur in California, of which 17 genera and 99 species belong to Paederini (M Gimmel, unpublished data).

Astenus Dejean, 1833

Nomenclatural Authority: Newton et al. (2000)

Notes. This genus contains 24 species in North America (Newton et al. 2000); four of these have been recorded from California (M Gimmel, unpublished data).

Astenus undetermined species

Literature Records: none

Digitized Records: San Clemente (1 SBMNH), Santa Cruz (2 SBMNH)

Lobrathium Mulsant & Rey, 1878

Nomenclatural Authority: Newton et al. (2000)

Digitized Records (genus-only): Santa Cruz (35 SBMNH)

Notes. Seven species of *Lobrathium* have been recorded from California (M Gimmel, unpublished data).

Lobrathium jacobinum (LeConte, 1863)

Nomenclatural Authority: Casey (1905)

Literature Records: Santa Rosa (Fall 1897: 237)

Range: Also known from mainland (Casey 1905).

Notes. Reported by Fall (1897) as *Lathrobium jacobinum*.

Medon Stephens, 1833

Nomenclatural Authority: Newton et al. (2000)

Notes. Twenty-eight species of *Medon* have been recorded from California (M Gimmel, unpublished data). Naughton et al. (2014) reported two separate, unidentified species of *Medon* from Santa Cruz Island.

Medon undetermined species

Literature Records: Santa Cruz (Naughton et al. 2014: 304)

Digitized Records: San Clemente (18 SBMNH), San Miguel (3 SBMNH), Santa Catalina (4 SBMNH), Santa Cruz (80 SBMNH), Santa Rosa (51 SBMNH)

Orus Casey, 1884

Nomenclatural Authority: Newton et al. (2000)

Notes. Twelve species of *Orus* have been recorded from California (Herman 1964, 1965; Moore & Legner 1972). The species of this genus were revised by Herman (1964, 1965), with a modification by Moore & Legner (1972).

Orus undetermined species

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Notes. The one SBMNH specimen from Santa Cruz Island cited above appears to be a female, and therefore not determinable to species using the keys of Herman (1964, 1965).

Sunius Stephens, 1829

Nomenclatural Authority: Newton et al. (2000)

Literature Records (genus-only): Santa Barbara (Miller & Miller 1985: 124), Santa Catalina (Fall 1897: 237)

Notes. Fourteen species of *Sunius* have been recorded from California (M Gimmel, unpublished data). Reported by Fall (1897) as "*Caloderma* sp.", presumably a species different from *S. mobilis* or *S. reductus*, which were reported in the same publication. The species reported by Miller & Miller (1985) was said to be near *Sunius cuneicollis* (Casey, 1886); they noted that the genus needed revision.

Sunius mobilis (Casey, 1886)

Nomenclatural Authority: Casey (1905), Newton et al. (2000)

Literature Records: Santa Catalina (Fall 1897: 237)

Digitized Records: none

Range: Also known from mainland (Casey 1905).

Notes. Reported by Fall (1897) as *Caloderma mobile*.

Sunius reductus (Casey, 1886)

Nomenclatural Authority: Casey (1905), Newton et al. (2000)

Literature Records: Santa Catalina (Fall 1897: 237)

Digitized Records: none

Range: Also known from mainland (Casey 1905).

Notes. Reported by Fall (1897) as *Caloderma reductum*.

Pselaphinae

Notes. Twelve tribes, 35 genera, and 255 species of Pselaphinae are known to occur in California (Chandler 1997; M Gimmel, unpublished data).

Euplectini

Notes. Eleven genera and 58 species of Euplectini have been recorded from California (Chandler 1997; M Gimmel, unpublished data).

Actium Casey, 1886

Nomenclatural Authority: Chandler (1997)

Notes. Twenty-eight species of *Actium* have been recorded from California (Chandler 1997; Caterino & Chandler 2010). The genus was revised by Grigarick & Schuster (1971), with an addition by Caterino & Chandler (2010).

Actium californicum (LeConte, 1878)
Nomenclatural Authority: Grigarick & Schuster (1971)
Literature Records: Santa Cruz (Grigarick & Schuster 1971: 26; Caterino & Chandler 2010: 191)
Digitized Records: none
Range: Also known from mainland (Grigarick & Schuster 1971).
Notes. Grigarick & Schuster (1971) reported that most specimens of this species collected on Santa Cruz Island were taken by stripping bark of fallen *Quercus agrifolia* Née (Fagaceae) lying close to small, intermittent streams during the spring.

Actium vestigialis Caterino & Chandler, 2010
Nomenclatural Authority: Caterino & Chandler (2010)
Literature Records: Santa Catalina (Caterino & Chandler 2010: 188)
Digitized Records: Santa Catalina (5 SBMNH)
Range: Endemic (Caterino & Chandler 2010).

Faronini

Notes. Two genera and 34 species of Faronini have been recorded from California (M Gimmel, unpublished data).

Sonoma Casey, 1886
Nomenclatural Authority: Chandler (1997)
Literature Records (genus-only): San Clemente (Caterino & Chandler 2010: 191), Santa Catalina (Caterino & Chandler 2010: 191), Santa Cruz (Caterino & Chandler 2010: 191)
Digitized Records (genus-only): San Clemente (27 SBMNH), Santa Catalina (6 SBMNH), Santa Cruz (1 SBMNH)
Notes. Twenty-eight species of *Sonoma* have been recorded from California (Ferro 2016). The genus was revised for western North America by Ferro (2016). Caterino & Chandler (2010) reported occurrence of this genus in leaf litter on San Clemente, Santa Catalina, and Santa Cruz islands. The records of the former two, and perhaps all three, islands presumably refer to *S. isabellae*.

Sonoma isabellae (LeConte, 1851)
Nomenclatural Authority: Ferro (2016)
Literature Records: San Clemente (Ferro 2016: 49), Santa Catalina (Ferro 2016: 49)
Digitized Records: San Clemente (7 SBMNH), Santa Catalina (5 SBMNH)
Range: Also known from mainland (Ferro 2016).

Trogastrini

Notes. Three genera and 37 species of Trogastrini have been recorded from California (Chandler 1997; M Gimmel, unpublished data).

Oropus Casey, 1886

Nomenclatural Authority: Chandler (1997)

Notes. Twenty-seven species of *Oropus* have been recorded from California (Chandler 1997). The genus was revised by Schuster & Grigarick (1960).

Oropus undetermined species

Literature Records: Santa Catalina (Caterino & Chandler 2010: 191), Santa Cruz (Caterino & Chandler 2010: 191)

Digitized Records: Santa Cruz (2 SBMNH)

Notes. Caterino & Chandler (2010) reported occurrence of the genus *Oropus* in leaf litter on Santa Catalina and Santa Cruz islands.

Tychini

Notes. Two genera and 22 species of Tychini have been recorded from California (Chandler 1997; M Gimmel, unpublished data).

Hesperotychus Schuster & Marsh, 1958

Nomenclatural Authority: Chandler (1997)

Notes. Thirteen species of *Hesperotychus* have been recorded from California (M Gimmel, unpublished data). The species were revised by Schuster & Marsh (1958).

Hesperotychus undetermined species

Literature Records: Santa Catalina (Caterino & Chandler 2010: 191)

Digitized Records: Santa Catalina (1 SBMNH)

Notes. Caterino & Chandler (2010) reported occurrence of this genus in leaf litter on Santa Catalina Island.

Pseudopsinae

Notes. This subfamily is represented by four genera and eight species in California (Herman 2001). So far only *Pseudopsis* has been identified from the Channel Islands, though *Nanobius serricollis* (LeConte, 1875), which occurs in the southern California coast ranges (Herman 1977), may also occur there.

Pseudopsis Newman, 1834

Nomenclatural Authority: Herman (2001)
Literature Records (genus-only): Santa Catalina (Fall 1897: 237)
Notes. Four species of *Pseudopsis* have been recorded from California (Herman 2001). Fall (1897: 237) reported an undetermined species of this genus from Santa Catalina Island. This may not represent *P. minuta*, as he later (Fall 1901: 227) described that species only from "the cañons of the southern Sierras". This could represent either an undescribed species or the later-described *P. montoraria* Herman, 1975, which occurs in the coastal mountain ranges of southern California and has not yet been identified from the Channel Islands. Herman (1975) revised the genus.

Pseudopsis minuta Fall, 1901
Nomenclatural Authority: Herman (1975, 2001)
Literature Records: Santa Cruz (Naughton et al. 2014: 304)
Digitized Records: Santa Cruz (15 SBMNH)
Range: Also known from mainland (Herman 1975).
Notes. Naughton et al. (2014: 304) identified a single specimen only to "*Pseudopsis* sp.". The voucher in SBMNH was examined and this represents *P. minuta*.

Scydmaeninae

Notes. Five tribes, 13 genera, and 57 species of Scydmaeninae are known to occur in California (M Gimmel, unpublished data).

Cephenniini

Notes. Two genera and nine species of Cephenniini are known to occur in California (Hopp & Caterino 2009; M Gimmel, unpublished data).

Cephennium Müller & Kunze, 1822
Nomenclatural Authority: O'Keefe (2000)
Notes. Eight species of *Cephennium* have been recorded from California (Hopp & Caterino 2009). The Californian species were revised by Hopp & Caterino (2009).

Cephennium urbanum Hopp & Caterino, 2009
Nomenclatural Authority: Hopp & Caterino (2009)
Literature Records: Santa Catalina (Caterino & Chandler 2010: 191)
Digitized Records: Santa Catalina (9 SBMNH)
Range: Also known from mainland (Hopp & Caterino 2009).
Notes. Only the genus *Cephennium* was reported from Santa Catalina Island by Caterino & Chandler (2010); that report presumably referred to this species.

Glandulariini

Notes. Seven genera and 41 species of Glandulariini have been recorded from California (M Gimmel, unpublished data).

Brachycepsis Brendel, 1889

Nomenclatural Authority: O'Keefe (2000)

Notes. Two species of *Brachycepsis* 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).

Brachycepsis 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)

Silphinae

Notes. Long known as the family Silphidae, this group was recently made a subfamily of Staphylinidae (Cai et al. 2022). There are two tribes, four genera, and nine species of Silphinae recorded from California (Miller & Peck 1979; Peck & Miller 1993). Miller & Peck (1979) provided a guide to the group for California, while Peck & Miller (1993) provided a catalog for North America. Members of this family have been extensively surveyed and investigated for the Channel Islands, and it is doubtful that additional species will be discovered there.

Nicrophorini

Notes. One genus and four species of Nicrophorini have been recorded from California (Peck & Miller 1993).

Nicrophorus Fabricius, 1775

Nomenclatural Authority: Sikes, Madge & Newton (2002)

Digitized Records (genus-only): Santa Cruz (2 EMEC)

Notes. Four species of *Nicrophorus* have been recorded from California (Peck & Miller 1993).

Nicrophorus guttula Motschulsky, 1845

Nomenclatural Authority: Sikes, Madge & Newton (2002)

Literature Records: San Clemente (Fall 1897: 236; Fall 1901: 58; Miller & Peck 1979: 97; Anderson & Peck 1986: 296; Peck & Kaulbars 1988: 72 [map])

Digitized Records: San Clemente (1 LACM), Santa Catalina (2 LACM), Santa Rosa (2 SBMNH)

Range: Also known from mainland (Fall 1901; Miller & Peck 1979; Anderson & Peck 1986; Peck & Kaulbars 1988; Peck & Miller 1993; Sikes, Madge & Newton 2002).

Nicrophorus marginatus Fabricius, 1801

Nomenclatural Authority: Sikes, Madge & Newton (2002)

Literature Records: none

Digitized Records: San Miguel (1 LACM)

Range: Also known from mainland (Fall 1901; Miller & Peck 1979; Anderson & Peck 1986; Peck & Kaulbars 1988; Peck & Miller 1993; Sikes, Madge & Newton 2002).

Notes. While this is the most widespread species of *Nicrophorus* in North America, only one specimen has been reported from the Channel Islands, collected in 1985.

Nicrophorus nigrita Mannerheim, 1843

Nomenclatural Authority: Sikes, Madge & Newton (2002)

Literature Records: Anacapa (Miller & Peck 1979: 96; Miller & Miller 1985: 124), San Clemente (Fall 1897: 236; Miller & Peck 1979: 96; Miller & Miller 1985: 124; Peck & Kaulbars 1988: 69 [map]), Santa Barbara (Miller & Peck 1979: 96; Anderson 1982: 262; Miller & Miller 1985: 124), Santa Catalina (Miller & Miller 1985: 124), Santa Cruz (Miller & Peck 1979: 96; Miller & Miller 1985: 124; Peck & Kaulbars 1988: 69 [map]), Santa Rosa (Fall 1897: 236; Miller & Miller 1985: 124; Sikes, Madge & Newton 2002: 139)

Digitized Records: Santa Catalina (1 DMNS; 6 LACM; 1 SBMNH), Santa Cruz (4 LACM; 15 SBMNH), Santa Rosa (2 SBMNH)

Range: Also known from mainland (Fall 1901; Miller & Peck 1979; Peck & Kaulbars 1988; Peck & Miller 1993; Sikes, Madge & Newton 2002).

Notes. Fall (1901) recorded this species as *Necrophorus pustulatus* var. *nigritus*, and reported it from "both islands" (presumably San Clemente and Santa Rosa). Miller & Miller (1985) recorded it "under dead mice and at lanterns" on Santa Barbara Island.

Silphini

Notes. Three genera and five species of Silphini have been recorded from California (Miller & Peck 1979; Peck & Miller 1993).

Heterosilpha Portevin, 1926

Nomenclatural Authority: Peck & Miller (1993)

Notes. Two species of *Heterosilpha* have been recorded from California (Peck & Miller 1993).

Heterosilpha ramosa (Say, 1823)

Nomenclatural Authority: Peck & Miller (1993)

Literature Records: San Miguel (Miller & Peck 1979: 93), Santa Cruz (Fall & Davis 1934: 144; Miller & Peck 1979: 93; Peck & Kaulbars 1988: 57 [map]), Santa Rosa (Fall 1897: 236; Miller & Peck 1979: 93)

Digitized Records: San Clemente (1 UCRC), Santa Cruz (2 LACM; 11 SBMNH; 23 TAMU; 2 UCRC), Santa Rosa (24 LACM; 11 SBMNH)

Range: Also known from mainland (Miller & Peck 1979; Peck & Kaulbars 1988; Peck & Miller 1993).

Notes. Fall (1897) and Fall & Davis (1934) recorded this species as *Silpha ramosa*.

Thanatophilus Leach, 1815

Nomenclatural Authority: Peck & Miller (1993)

Notes. Two species of *Thanatophilus* have been recorded from California (Miller & Peck 1979).

Thanatophilus lapponicus (Herbst, 1793)

Nomenclatural Authority: Peck & Miller (1993)

Literature Records: Santa Rosa (Fall 1897: 236)

Digitized Records: none

Range: Also known from mainland (Miller & Peck 1979; Peck & Kaulbars 1988; Peck & Miller 1993).

Notes. Fall (1897) recorded this species as *Silpha lapponica*. Miller & Peck (1979: 91) stated that they had not seen Channel Island specimens of this species, and speculated that Fall's specimens may have been destroyed in the 1906 San Francisco fire.

Staphylininae

Notes. Three tribes, 35 genera, and 232 species of Staphylininae are known to occur in California (Herman 2001; M Gimmel, unpublished data).

Staphylinini: Amblyopinina

Notes. Seven subtribes, 20 genera, and 171 species of Staphylinini are known to occur in California, of which one genus and 10 species belong to Amblyopinina (Herman 2001; M Gimmel, unpublished data).

Heterothops Stephens, 1829

Nomenclatural Authority: Herman (2001)

Digitized Records (genus-only): Santa Catalina (1 SBMNH), Santa Cruz (1 SBMNH), Santa Rosa (19 SBMNH)

Notes. Ten species of *Heterothops* have been recorded from California (Herman 2001). The species were revised for North America by Smetana (1971).

Heterothops conformis Smetana, 1971

Nomenclatural Authority: Herman (2001)

Literature Records: Santa Cruz (Naughton et al. 2014: 304)

Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (43 SBMNH), Santa Rosa (2 SBMNH)

Range: Also known from mainland (Smetana 1971).

Heterothops fusculus LeConte, 1863

Nomenclatural Authority: Herman (2001)

Literature Records: Santa Catalina (Fall 1897: 236)

Digitized Records: none

Range: Also known from mainland (Smetana 1971).
Notes. This species was recorded by Fall (1897) as *Heterothops californicus* LeConte, 1863, now considered a synonym of *H. californicus* (see Smetana 1971: 26).

Staphylinini: Erichsoniina

Notes. One genus and two species of Erichsoniina have been recorded from California (Herman 2001).

Erichsonius Fauvel, 1874
Nomenclatural Authority: Herman (2001)
Notes. Two species of *Erichsonius* have been recorded from California (Herman 2001). The species were revised for the New World by Frank (1975).

Erichsonius puncticeps (Horn, 1884)
Nomenclatural Authority: Herman (2001)
Literature Records: Santa Catalina (Fall 1897: 236)
Digitized Records: San Miguel (1 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (9 SBMNH)
Range: Also known from mainland (Frank 1975).
Notes. Fall (1897) recorded this species as *Actobius puncticeps*.

Staphylinini: Philonthina

Notes. Six genera and 100 species of Philonthina are known to occur in California (Herman 2001; M Gimmel, unpublished data).

Belonuchus Nordmann, 1837
Nomenclatural Authority: Herman (2001)
Notes. Three species of *Belonuchus* have been recorded from California (Herman 2001). The species were revised for North America by Smetana (1995).

Belonuchus ephippiatus (Say, 1830)
Nomenclatural Authority: Herman (2001)
Literature Records: none
Digitized Records: San Miguel (2 SBMNH), Santa Catalina (3 SBMNH)
Range: Also known from mainland (Smetana 1995).

Bisnius Stephens, 1829
Nomenclatural Authority: Herman (2001)

Notes. Thirteen species of *Bisnius* have been recorded from California (Herman 2001). The species were revised for North America by Smetana (1995).

Bisnius albionicus (Mannerheim, 1843)
Nomenclatural Authority: Herman (2001)
Literature Records: none
Digitized Records: San Miguel (7 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Smetana 1995).

Bisnius sordidus (Gravenhorst, 1802)
Nomenclatural Authority: Herman (2001)
Literature Records: none
Digitized Records: San Nicolas (1 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Smetana 1995).
Notes. The distribution map in Smetana (1995: 526) shows a record from either San Miguel or Santa Rosa. This species was introduced to North America from the Palearctic realm (Smetana 1995).

Cafius Curtis, 1829
Nomenclatural Authority: Herman (2001)
Notes. Eight species of *Cafius* have been recorded from California (Herman 2001). The species were revised for the west coast of North America by Orth & Moore (1980).

Cafius canescens (Mäklin, 1852)
Nomenclatural Authority: Herman (2001)
Literature Records: San Nicolas (Fall 1897: 236; Cockerell 1940: 285), Santa Catalina (Orth & Moore 1980: 186)
Digitized Records: San Miguel (34 LACM; 46 SBMNH), San Nicolas (76 LACM; 2 SBMNH), Santa Cruz (7 SBMNH), Santa Rosa (7 LACM; 15 SBMNH; 2 UTCI)
Range: Also known from mainland (Orth & Moore 1980).

Cafius lithocharinus (LeConte, 1863)
Nomenclatural Authority: Herman (2001)
Literature Records: San Nicolas (Straughan & Hadley 1980: 392), Santa Rosa (Fall 1897: 236)
Digitized Records: San Clemente (9 SBMNH), San Miguel (1 SBMNH), San Nicolas (5 SBMNH), Santa Catalina (3 SBMNH), Santa Cruz (4 SBMNH), Santa Rosa (47 SBMNH)
Range: Also known from mainland (Orth & Moore 1980).

Cafius luteipennis Horn, 1884
Nomenclatural Authority: Herman (2001)
Literature Records: Santa Catalina (Orth & Moore 1980: 192), Santa Rosa (Fall 1897: 236)
Digitized Records: San Clemente (7 SBMNH), San Miguel (6 SBMNH), San Nicolas (5 SBMNH), Santa Catalina (5 SBMNH), Santa Cruz (14 SBMNH), Santa Rosa (11 SBMNH)
Range: Also known from mainland (Orth & Moore 1980).

Cafius opacus (LeConte, 1863)
Nomenclatural Authority: Herman (2001)
Literature Records: Santa Catalina (Fall 1897: 237)
Digitized Records: none
Range: Also known from mainland (Orth & Moore 1980).

Cafius seminitens Horn, 1884
Nomenclatural Authority: Herman (2001)
Literature Records: San Miguel (Cockerell 1940: 285; Orth & Moore 1980: 185), San Nicolas (Cockerell 1940: 285)
Digitized Records: San Clemente (6 SBMNH), San Miguel (10 LACM; 21 SBMNH), San Nicolas (64 LACM; 9 SBMNH), Santa Cruz (1 LACM; 3 SBMNH), Santa Rosa (7 LACM; 12 SBMNH; 2 UTCI)
Range: Also known from mainland (Orth & Moore 1980).

Cafius sulcicollis (LeConte, 1863)
Nomenclatural Authority: Herman (2001)
Literature Records: Santa Cruz (Orth & Moore 1980: 195), Santa Rosa (Fall 1897: 237)
Digitized Records: San Clemente (2 SBMNH), Santa Rosa (6 SBMNH)
Range: Also known from mainland (Orth & Moore 1980).

Gabrius Stephens, 1829
Nomenclatural Authority: Herman (2001)
Digitized Records (genus-only): San Nicolas (1 SBMNH), Santa Cruz (1 SBMNH)
Notes. Sixteen species of *Gabrius* have been recorded from California (Herman 2001). The genus was revised for North America by Smetana (1995).

Gabrius nigritulus (Gravenhorst, 1802)
Nomenclatural Authority: Herman (2001)
Literature Records: Santa Catalina (Fall 1897: 236)
Digitized Records: San Nicolas (4 SBMNH)

Range: Also known from mainland (Smetana 1995).
Notes. This species was recorded as *Philonthus nigritulus* by Fall (1897). It was introduced to North America from the western Palearctic realm (Smetana 1995).

Neobisnius Ganglbauer, 1895

Nomenclatural Authority: Herman (2001)
Notes. Eight species of *Neobisnius* have been recorded from California (Herman 2001). The species were revised for the New World by Frank (1981).

Neobisnius occidentoides Frank, 1981
Nomenclatural Authority: Herman (2001)
Literature Records: San Clemente (Frank 1981: 49)
Digitized Records: San Clemente (7 SBMNH; 4 UTCI), Santa Catalina (2 SBMNH), Santa Cruz (1 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Frank 1981).

Neobisnius sobrinus (Erichson, 1840)
Nomenclatural Authority: Herman (2001)
Literature Records: none
Digitized Records: Santa Rosa (1 SBMNH)
Range: Also known from mainland (Frank 1981).

Neobisnius terminalis (LeConte, 1863)
Nomenclatural Authority: Herman (2001)
Literature Records: none
Digitized Records: Santa Cruz (3 SBMNH)
Range: Also known from mainland (Frank 1981).

Philonthus Stephens, 1829

Nomenclatural Authority: Herman (2001)
Notes. Fifty-two species of *Philonthus* have been recorded from California (M Gimmel, unpublished data). The species were revised for North America by Smetana (1995).

Philonthus cruentatus (Gmelin, 1790)
Nomenclatural Authority: Herman (2001)
Literature Records: Santa Catalina (Cockerell 1940: 285)
Digitized Records: Santa Barbara (1 LACM), Santa Catalina (1 SBMNH), Santa Cruz (1 SBMNH), Santa Rosa (26 LACM; 1 SBMNH)
Range: Also known from mainland (Smetana 1995).

Notes. Species introduced from the Palearctic (Smetana 1995). Cockerell (1940) recorded it as "*Philonthus cruentus*".

Philonthus davus Smetana, 1995
Nomenclatural Authority: Herman (2001)
Literature Records: none
Digitized Records: Santa Cruz (3 SBMNH), Santa Rosa (3 SBMNH)
Range: Also known from mainland (Smetana 1995).

Philonthus flavolimbatus Erichson, 1840
Nomenclatural Authority: Herman (2001)
Literature Records: none
Digitized Records: Santa Catalina (1 SBMNH)
Range: Also known from mainland (Smetana 1995).

Philonthus hepaticus Erichson, 1840
Nomenclatural Authority: Herman (2001)
Literature Records: none
Digitized Records: Santa Catalina (2 SBMNH)
Range: Also known from mainland (Smetana 1995).

Philonthus lecontei Horn, 1884
Nomenclatural Authority: Herman (2001)
Literature Records: Santa Rosa (Fall 1897: 236)
Digitized Records: none
Range: Also known from mainland (Smetana 1995).

Philonthus longicornis Stephens, 1832
Nomenclatural Authority: Herman (2001)
Literature Records: Santa Catalina (Fall 1897: 236)
Digitized Records: none
Range: Also known from mainland (Smetana 1995).
Notes. This species was introduced from the Palearctic region (Smetana 1995).

Philonthus quadrulus Horn,1884
Nomenclatural Authority: Herman (2001)
Literature Records: none
Digitized Records: Santa Cruz (10 SBMNH)
Range: Also known from mainland (Smetana 1995).

Philonthus triangulum Horn, 1884
Nomenclatural Authority: Herman (2001)
Literature Records: Santa Catalina (Smetana 1995: 340)
Digitized Records: none
Range: Also known from mainland (Smetana 1995).

Staphylinini: Quediina

Notes. Two genera and 40 species of Quediina have been recorded from California (Herman 2001; M Gimmel, unpublished data).

Quedius Stephens, 1829
Nomenclatural Authority: Herman (2001)
Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 304)
Digitized Records (genus-only): Santa Cruz (1 SBMNH)
Notes. Thirty-nine species of *Quedius* have been recorded from California, belonging to five subgenera, *Distichalius* Casey, 1915, *Microsaurus* Dejean, 1833, *Paraquedius* Casey, 1915, *Quedius* (*s.str.*), and *Raphirus* Stephens, 1829 (M Gimmel, unpublished data). The species were revised for North America by Smetana (1971). One of the two voucher specimens (SBMNH, June specimen) of the "*Quedius* sp." from the Naughton et al. (2014) study was examined by MLG; this specimen represents the digitized genus-only record above. It is a female of either *Q. limbifer* or *Q.* (*Microsaurus*) *pellax* Smetana, 1971.

Quedius (*Microsaurus*) *limbifer* Horn, 1878
Nomenclatural Authority: Smetana (1971); Herman (2001)
Literature Records: Santa Cruz (Smetana 1971: 113)
Digitized Records: Santa Cruz (10 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Smetana 1971).

Staphylinini: Staphylinina

Notes. Eight genera and 14 species of Staphylinina are known to occur in California (Herman 2001; M Gimmel, unpublished data).

Creophilus Leach, 1819
Nomenclatural Authority: Herman (2001)
Notes. One species of *Creophilus* has been recorded from California (Herman 2001). The species were revised for the world by Clarke (2011).

Creophilus maxillosus (Linnaeus, 1758)

Nomenclatural Authority: Clarke (2011)
Literature Records: San Clemente (Fall 1897: 236; Fall 1901: 68), Santa Catalina (Fall 1897: 236)
Digitized Records: San Clemente (1 LACM; 1 SBMNH), Santa Cruz (8 SBMNH), Santa Rosa (1 LACM; 6 SBMNH)
Range: Also known from mainland (Fall 1901; Clarke 2011).
Notes. This species was recorded as *C. villosus* by Fall (1897, 1901). *Creophilus m. villosus* (Gravenhorst, 1802) is the only subspecies of *C. maxillosus* (Linnaeus, 1758) over most of North America (Clarke 2011); this is the subspecies occurring in the islands. The distribution map in Clarke (2011: 765) shows records in the Channel Islands, but these are not listed.

Hadrotes Mäklin, 1852

Nomenclatural Authority: Herman (2001)
Notes. One species of *Hadrotes* has been recorded from California (Herman 2001).

Hadrotes crassus (Mannerheim, 1846)

Nomenclatural Authority: Herman (2001)
Literature Records: San Clemente (Caterino, Chatzimanolis & Richmond 2015: 278), San Nicolas (Cockerell 1940: 285; Caterino, Chatzimanolis & Richmond 2015: 278), Santa Catalina (Caterino, Chatzimanolis & Richmond 2015: 278), Santa Cruz (Caterino, Chatzimanolis & Richmond 2015: 278), Santa Rosa (Fall 1897: 236; Caterino, Chatzimanolis & Richmond 2015: 278)
Digitized Records: Anacapa (1 SBMNH), San Clemente (11 SBMNH), San Miguel (1 LACM; 8 SBMNH), San Nicolas (13 SBMNH), Santa Catalina (12 SBMNH), Santa Cruz (13 SBMNH), Santa Rosa (11 SBMNH; 2 UTCI)
Range: Also known from mainland (Caterino, Chatzimanolis & Richmond 2015).

Tasgius Stephens, 1829

Nomenclatural Authority: Herman (2001)
Notes. Two adventive species of *Tasgius* have been recorded from California (Miller & Miller 1985; Herman 2001).

Tasgius ater (Gravenhorst, 1802)

Nomenclatural Authority: Herman (2001)
Literature Records: San Miguel (Miller & Miller 1985: 124), Santa Barbara (Miller & Miller 1985: 124)
Digitized Records: San Miguel (2 SBMNH), San Nicolas (1 SBMNH), Santa Rosa (6 SBMNH)
Range: Also known from mainland (Miller & Miller 1985).

Notes. Introduced to North America from Europe (Miller & Miller 1985). Recorded as *Staphylinus ater* (Gravenhorst) from *Suaeda* (Amaranthaceae) by Miller & Miller (1985).

Thinopinus LeConte, 1852

Nomenclatural Authority: Herman (2001)

Notes. Only one species of *Thinopinus* is known (Herman 2001).

Thinopinus pictus LeConte, 1852

Nomenclatural Authority: Herman (2001)

Literature Records: San Miguel (Caterino, Chatzimanolis & Richmond 2015: 278), San Nicolas (Caterino, Chatzimanolis & Richmond 2015: 278), Santa Catalina (Caterino, Chatzimanolis & Richmond 2015: 278), Santa Cruz (Caterino, Chatzimanolis & Richmond 2015: 278), Santa Rosa (Caterino, Chatzimanolis & Richmond 2015: 278)

Digitized Records: San Miguel (12 SBMNH), San Nicolas (1 LACM; 13 SBMNH), Santa Catalina (1 SEMC; 11 SBMNH; 1 iNat), Santa Cruz (10 SBMNH), Santa Rosa (10 SBMNH; 2 UTCI; 1 iNat)

Range: Also known from mainland (Caterino, Chatzimanolis & Richmond 2015).

Xantholinini

Notes. Fourteen genera and 55 species of Xantholinini are known to occur in California (Herman 2001). The species of the tribe were revised for North America by Smetana (1982). A specimen deposited in LACM of an additional genus and species occurring on Santa Rosa Island, *Neohypnus picipennis* (LeConte, 1880), was captured by Scott Miller during the 1980s, but no specimen was located to substantiate this record (G-A Kung, 2022, pers. comm.).

Linohesperus Smetana, 1982

Nomenclatural Authority: Herman (2001)

Digitized Records (genus-only): San Clemente (2 SBMNH), Santa Catalina (16 SBMNH), Santa Cruz (3 SBMNH)

Notes. Twenty-two species of *Linohesperus* have been recorded from California (Herman 2001).

Linohesperus borealis (Casey, 1906)

Nomenclatural Authority: Herman (2001)

Literature Records: Santa Cruz (Naughton et al. 2014: 304)

Digitized Records: Santa Rosa (1 SBMNH)

Range: Also known from mainland (Smetana 1982).

Linohesperus cuspifer Smetana, 1982

Nomenclatural Authority: Herman (2001)
Literature Records: Santa Cruz (Smetana 1988: 545)
Digitized Records: none
Range: Also known from mainland (Smetana 1982, 1988).

Nudobius Thomson, 1860

Nomenclatural Authority: Herman (2001)
Notes. Only one species of *Nudobius* has been recorded from California (Herman 2001).

Nudobius pugetanus Casey, 1906

Nomenclatural Authority: Smetana (1982); Herman (2001)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Smetana 1982).

Tachyporinae

Notes. Three tribes, eight genera, and 32 species of Tachyporinae are known to occur in California (M Gimmel, unpublished data). This subfamily was recently restricted (i.e., the previous tribe "Mycetoporini" excluded as a separate subfamily) by Yamamoto (2021).

Tachinusini

Notes. Three genera and 15 species of Tachinusini are known to occur in California (M Gimmel, unpublished data).

Nitidotachinus Campbell, 1993

Nomenclatural Authority: Herman (2001)
Notes. Three species of *Nitidotachinus* have been recorded from California (Campbell 1993a). This genus was reviewed by Campbell (1993a), who provided a key to species.

Nitidotachinus agilis (Horn, 1877)

Nomenclatural Authority: Herman (2001)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Campbell 1993a).

Tachinus Gravenhorst, 1802

Nomenclatural Authority: Herman (2001)

Notes. Ten species of *Tachinus* have been recorded from California (M Gimmel, unpublished data). Additional species of *Tachinus* are likely to occur on the Channel Islands. The genus was revised for North America by Campbell (1973) and updated by Campbell (1988).

Tachinus debilis Horn, 1877

Nomenclatural Authority: Herman (2001)

Literature Records: none

Digitized Records: Santa Cruz (9 SBMNH)

Range: Also known from mainland (Campbell 1973).

Tachyporini

Notes. Three genera and 11 species of Tachyporini have been recorded from California (M Gimmel, unpublished data).

Palporus Campbell, 1979

Nomenclatural Authority: Yamamoto (2021)

Notes. Only one species of *Palporus* occurs in California (Campbell 1979). This genus was revised for North America by Campbell (1979), as *Tachyporus* (*Palporus*); the subgenus was subsequently elevated to genus by Yamamoto (2021).

Palporus nitidulus (Fabricius, 1781)

Nomenclatural Authority: Yamamoto (2021)

Literature Records: none

Digitized Records: San Nicolas (1 SBMNH), Santa Cruz (1 SBMNH)

Range: Also known from mainland (Campbell 1979).

Sepedophilus Gistel, 1856

Nomenclatural Authority: Herman (2001)

Notes. Three species of *Sepedophilus* have been recorded from California (Campbell 1976). The genus was revised for North America by Campbell (1976).

Sepedophilus castaneus (Horn, 1877)

Nomenclatural Authority: Herman (2001)

Literature Records: none

Digitized Records: Santa Cruz (25 SBMNH), Santa Rosa (14 SBMNH)

Range: Also known from mainland (Campbell 1976).

Tachyporus Gravenhorst, 1802

Nomenclatural Authority: Herman (2001)

Literature Records (genus-only): San Miguel (Miller & Davis 1986: 550)

Notes. Seven species of *Tachyporus* have been recorded from California (Campbell 1979). Additional species of *Tachyporus* are likely to occur on the Channel Islands. This genus was revised for North America by Campbell (1979).

Tachyporus californicus Horn, 1877

Nomenclatural Authority: Herman (2001)

Literature Records: Santa Catalina (Fall 1897: 237), Santa Rosa (Fall 1897: 237)

Digitized Records: San Clemente (1 SBMNH), San Nicolas (4 SBMNH), Santa Cruz (17 SBMNH), Santa Rosa (1 SBMNH)

Range: Also known from mainland (Campbell 1979).

BOSTRICHOIDEA

Bostrichidae

Notes. Five subfamilies, 19 genera, and 35 species of Bostrichidae are known to occur in California (M Gimmel, unpublished data). The works of Fisher (1950; all subfamilies except Lyctinae) and Gerberg (1957; Lyctinae) adequately cover the North American fauna known at the time. Borowski & Węgrzynowicz (2007) provided a world catalog of this group; we follow their classification below.

Bostrichinae

Notes. Four tribes, 10 genera, and 15 species of Bostrichinae are known to occur in California (M Gimmel, unpublished data).

Bostrichini

Notes. Four genera and seven species of Bostrichini are known to occur in California (M Gimmel, unpublished data).

Amphicerus LeConte, 1861

Nomenclatural Authority: Borowski & Węgrzynowicz (2007)

Notes. Three species of *Amphicerus* are known to occur in California (M Gimmel, unpublished data). The species were keyed by Fisher (1950).

Amphicerus cornutus (Pallas, 1772)

Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)

Literature Records: none

Digitized Records: Santa Catalina (4 LACM), Santa Cruz (9 SBMNH; 1 UCSB)
Range: Also known from mainland (Fisher 1950; Borowski & Węgrzynowicz 2007).

Xyloperthini

Scobicia Lesne, 1901
Nomenclatural Authority: Borowski & Węgrzynowicz (2007)
Notes. Two species of *Scobicia* are known to occur in California (Fisher 1950). These species were keyed by Fisher (1950).

Scobicia declivis (LeConte, 1857)
Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)
Literature Records: San Nicolas (Fall 1897: 238; Fall 1901: 133; Burke, Hartman & Snyder 1922: 12; Fisher 1950: 111)
Digitized Records: Santa Cruz (4 SBMNH)
Range: Also known from mainland (Fall 1901; Fisher 1950; Borowski & Węgrzynowicz 2007).
Notes. Fall (1897, 1901) recorded this species as *Sinoxylon declive*. Borowski & Węgrzynowicz (2007) falsely stated the year of publication of the species as 1859.

Scobicia suturalis (Horn, 1878)
Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)
Literature Records: none
Digitized Records: Anacapa (1 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (1 SBMNH)
Range: Also known from mainland (Fisher 1950; Borowski & Węgrzynowicz 2007).

Dinoderinae

Notes. Four genera and eight species of Dinoderinae are known to occur in California (M Gimmel, unpublished data).

Stephanopachys Waterhouse, 1888
Nomenclatural Authority: Borowski & Węgrzynowicz (2007)
Notes. Four species of *Stephanopachys* have been reported from California (M Gimmel, unpublished data). The species were keyed out by Fisher (1950).

Stephanopachys substriatus (Paykull, 1800)
Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)
Literature Records: none

Digitized Records: Santa Catalina (11 LACM)
Range: Also known from mainland (Fisher 1950; Borowski & Węgrzynowicz 2007).

Lyctinae

Notes. Two genera and six species of Lyctinae have been recorded from California (Gerberg 1957).

Lyctus Fabricius, 1792
Nomenclatural Authority: Borowski & Węgrzynowicz (2007)
Notes. Five species have been reported from California (Gerberg 1957). These were keyed out by Gerberg (1957).

Lyctus cavicollis LeConte, 1866
Nomenclatural Authority: Gerberg (1957); Borowski & Węgrzynowicz (2007)
Literature Records: none
Digitized Records: Santa Cruz (7 SBMNH)
Range: Also known from mainland (Gerberg 1957; Borowski & Węgrzynowicz 2007).

Lyctus linearis (Goeze, 1777)
Nomenclatural Authority: Gerberg (1957); Borowski & Węgrzynowicz (2007)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Gerberg 1957; Borowski & Węgrzynowicz 2007).
Notes. This species is cosmopolitan (Gerberg 1957).

Lyctus planicollis LeConte, 1858
Nomenclatural Authority: Gerberg (1957); Borowski & Węgrzynowicz (2007)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Gerberg 1957; Borowski & Węgrzynowicz 2007).
Notes. This species was indicated as a synonym of the older *Lyctus carbonarius* Waltl, 1832 by Lesne (1916); however, the synonymy was seen as tentative by Gerberg (1957: 26). Borowski & Węgrzynowicz (2007) treated *L. carbonarius* as valid with priority over *L. planicollis*.

Polycaoninae

Notes. Two genera and four species of Polycaoninae have been recorded from California (Fisher 1950).

Melalgus Dejean, 1833

Nomenclatural Authority: Borowski & Węgrzynowicz (2007)

Notes. Two species of *Melalgus* are known from California (Fisher 1950). The species were keyed out by Fisher (1950).

Melalgus confertus (LeConte, 1866)

Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)

Literature Records: none

Digitized Records: Santa Catalina (22 LACM)

Range: Also known from mainland (Fisher 1950; Borowski & Węgrzynowicz 2007).

Polycaon Castelnau, 1836

Nomenclatural Authority: Borowski & Węgrzynowicz (2007)

Notes. Two species of *Polycaon* are known from California (Fisher 1950). The species were keyed out by Fisher (1950).

Polycaon stoutii (LeConte, 1853)

Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)

Literature Records: Santa Cruz (LeConte 1876: 299; Fall 1897: 238; Fall & Davis 1934: 144)

Digitized Records: Santa Catalina (6 LACM; 2 SBMNH; 1 iNat)

Range: Also known from mainland (Fisher 1950; Borowski & Węgrzynowicz 2007).

Notes. In addition to *P. stoutii*, LeConte (1876) also reported *Polycaon ovicollis* (LeConte, 1857) from Santa Cruz Island. The latter is now considered a junior synonym of the former (see Fisher 1950).

Psoinae

Notes. One genus and two species of Psoinae have been recorded from California (Fisher 1950), belonging to the tribe Psoini.

Psoa Herbst, 1797

Nomenclatural Authority: Borowski & Węgrzynowicz (2007)

Notes. Two species of *Psoa* are known from California (Fisher 1950). The species were keyed out by Fisher (1950).

Psoa maculata (LeConte, 1852)

Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)

Literature Records: none

Digitized Records: Santa Catalina (4 LACM)
Range: Also known from mainland (Fisher 1950; Borowski & Węgrzynowicz 2007).

Psoa quadrisignata (Horn, 1868)
Nomenclatural Authority: Fisher (1950); Borowski & Węgrzynowicz (2007)
Literature Records: Santa Catalina (Cockerell 1940: 286)
Digitized Records: none
Range: Also known from mainland (Fisher 1950; Borowski & Węgrzynowicz 2007).

Dermestidae

Notes. Six subfamilies, 18 genera, and 77 species are known to occur in California (Háva & Herrmann 2021; M Gimmel, unpublished data). Beal (2003) provided a distributional checklist of Dermestidae from North America, which was updated by Háva & Herrmann (2021). We use the classification of the latter publication below.

Dermestinae

Notes. One genus and 14 species of Dermestinae are known to occur in California, belonging to the tribe Dermestini (Háva & Herrmann 2021).

Dermestes Linnaeus, 1758
Nomenclatural Authority: Beal (2003)
Digitized Records (genus-only): Anacapa (9 LACM), San Clemente (1 LACM; 22 YPMC), Santa Barbara (3 LACM), Santa Catalina (21 LACM; 2 YPMC), Santa Cruz (5 YPMC)
Notes. Fourteen species of *Dermestes* are known to occur in California, belonging to two subgenera, *Dermestes* (*s.str.*) and *Dermestinus* Zantiev, 1967 (Beal 2003; Háva & Herrmann 2021). These were all keyed out in the work of Lepesme (1949).

Dermestes (*Dermestinus*) *caninus* Germar, 1824
Nomenclatural Authority: Beal (2003); Háva & Herrmann (2021)
Literature Records: San Clemente (Fall 1897: 237), San Nicolas (Fall 1897: 237), Santa Barbara (Fall 1897: 237; Miller & Miller 1985: 125), Santa Rosa (Fall 1897: 237)
Digitized Records: Santa Barbara (2 SBMNH)
Range: Also known from mainland (Beal 2003; Háva & Herrmann 2021).
Notes. Fall (1897) recorded this species as *Dermestes mannerheimii* LeConte, which is a junior synonym of *D. caninus* (see Miller & Miller 1985). These taxa represent two valid subspecies according to Háva & Herrmann (2021).

Dermestes (*Dermestinus*) *frischi* Kugelann, 1792

Nomenclatural Authority: Beal (2003)
Literature Records: San Clemente (Miller & Miller 1985: 125), San Miguel (Miller & Miller 1985: 125), Santa Barbara (Miller & Miller 1985: 125), Santa Cruz (Fall & Davis 1934: 143; Miller & Miller 1985: 125)
Digitized Records: San Clemente (5 LACM; 3 SBMNH), San Miguel (1 SBMNH), San Nicolas (8 SBMNH), Santa Barbara (3 SBMNH), Santa Cruz (5 SBMNH)
Range: Also known from mainland (Beal 2003; Háva & Herrmann 2021).
Notes. The species epithet was spelled *frischii* by Háva & Herrmann (2021), who did not include California in the list of states in which the species was known to occur. This species is cosmopolitan (Háva & Herrmann 2021).

Dermestes (*Dermestinus*) *marmoratus* Say, 1823
Nomenclatural Authority: Beal (2003); Háva & Herrmann (2021)
Literature Records: San Clemente (Fall 1897: 237), San Nicolas (Fall 1897: 237), Santa Catalina (Fall 1897: 237), Santa Rosa (Fall 1897: 237)
Digitized Records: San Clemente (1 YPMC)
Range: Also known from mainland (Beal 2003; Háva & Herrmann 2021).

Dermestes (*Dermestinus*) *rattus* LeConte, 1854
Nomenclatural Authority: Beal (2003); Háva & Herrmann (2021)
Literature Records: Santa Rosa (Fall 1897: 237)
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Beal 2003; Beal & Seeno 1977; Háva & Herrmann 2021).
Notes. This species was recorded as *Dermestes tristis* by Fall (1897); the subspecies of *D. rattus* occurring on the islands is *D. r. tristis* Fall, 1897.

Dermestes (*Dermestinus*) *talpinus* Mannerheim, 1843
Nomenclatural Authority: Beal (2003); Háva & Herrmann (2021)
Literature Records: Santa Cruz (LeConte 1876: 298; Fall 1897: 237; Fall & Davis 1934: 143)
Digitized Records: Santa Rosa (1 SBMNH)
Range: Also known from mainland (Beal 2003; Háva & Herrmann 2021).

Megatominae

Notes. Two tribes, seven genera, and 42 species of Dermestidae are known to occur in California (Háva & Herrmann 2021; M Gimmel, unpublished data).

Anthrenini

Notes. One genus and 10 species of Anthrenini have been recorded from California (Háva & Herrmann 2021).

Anthrenus Geoffroy, 1762

Nomenclatural Authority: Kadej (2011); Háva & Herrmann (2021)

Notes. Ten species of *Anthrenus* have been reported from California, belonging to four subgenera, *Anthrenops* Reitter, 1881, *Anthrenus* (*s.str.*), *Florilinus* Mulsant & Rey, 1868, and *Nathrenus* Casey, 1900 (Beal 2003; Háva & Herrmann 2021). The North American species were revised by Beal (1998); Kadej (2011) described an additional species from California and provided an updated key to North American species.

Anthrenus (*Anthrenus*) *lepidus* LeConte, 1854

Nomenclatural Authority: Beal (1998); Beal (2003); Háva & Herrmann (2021)

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH), Santa Rosa (3 SBMNH)

Range: Also known from mainland (Beal 1998, 2003; Háva & Herrmann 2021).

Anthrenus (*Nathrenus*) *verbasci* (Linnaeus, 1767)

Nomenclatural Authority: Beal (1998); Beal (2003); Háva & Herrmann (2021)

Literature Records: Santa Catalina (Cockerell 1940: 286)

Digitized Records: Santa Catalina (1 iNat)

Range: Also known from mainland (Beal 1998, 2003; Háva & Herrmann 2021).

Notes. This is a cosmopolitan species (Beal 2003).

Megatomini

Notes. Six genera and 32 species of Megatomini are known to occur in California (Háva & Herrmann 2021; M Gimmel, unpublished data).

Cryptorhopalum Guérin-Méneville, 1838

Nomenclatural Authority: Háva & Herrmann (2021)

Notes. Nine species of *Cryptorhopalum* have been recorded from California (Beal 2003; Háva & Herrmann 2021). These were mostly revised and keyed by Beal (1979), who later published a revision of the entire Nearctic fauna (Beal 1985).

Cryptorhopalum apicale (Mannerheim, 1843)

Nomenclatural Authority: Beal (1985); Beal (2003); Háva & Herrmann (2021)

Literature Records: Santa Cruz (Beal 1979: 16 [map]; Beal 1985: 191 [map])

Digitized Records: Santa Cruz (18 SBMNH)

Range: Also known from mainland (Beal 1979, 1985, 2003; Háva & Herrmann 2021).

Cryptorhopalum triste LeConte, 1854
Nomenclatural Authority: Beal (1985); Beal (2003); Háva & Herrmann (2021)
Literature Records: none
Digitized Records: Santa Rosa (1 SBMNH)
Range: Also known from mainland (Beal 1979, 1985, 2003; Háva & Herrmann 2021).

Megatoma Herbst, 1791
Nomenclatural Authority: Háva & Herrmann (2021)
Digitized Records (genus-only): Santa Rosa (6 SBMNH)
Notes. Eleven species of *Megatoma* have been reported from California, distributed among two subgenera, *Megatoma* (*s.str.*) and *Pseudohadrotoma* Kalík, 1957 (Háva & Herrmann 2021). The species in North America were revised by Beal (1967).

Megatoma (*Megatoma*) *variegata* (Horn, 1875)
Nomenclatural Authority: Beal (2003); Háva & Herrmann (2021)
Literature Records: none
Digitized Records: Santa Cruz (10 SBMNH), Santa Rosa (11 SBMNH)
Range: Also known from mainland (Beal 2003; Háva & Herrmann 2021).

Trogoderma Dejean, 1821
Nomenclatural Authority: Beal (2003); Háva & Herrmann (2021)
Notes. Nine species of *Trogoderma* have been reported from California (Beal 2003; Háva & Herrmann 2021). The North American species were revised by Beal (1954).

Trogoderma sternale Jayne, 1882
Nomenclatural Authority: Beal (1954); Beal (2003); Háva & Herrmann (2021)
Literature Records: Santa Barbara (Miller & Miller 1985: 125), Santa Catalina (Fall 1897: 237; Fall 1901: 93; Beal 1954: 72 [map]; Miller & Miller 1985: 125)
Digitized Records: Santa Barbara (1 SBMNH), Santa Catalina (4 SBMNH), Santa Cruz (75 SBMNH; 1 UCSB), Santa Rosa (3 SBMNH)
Range: Also known from mainland (Beal 1954, 2003; Háva & Herrmann 2021).
Notes. The subspecies of *T. sternale* present on the islands is the nominate subspecies, *T. s. sternale* Jayne, 1882 (Beal 1954).

Ptinidae

Notes. Nine subfamilies, 41 genera, and 145 species of Ptinidae are known to occur in California (M Gimmel, unpublished data). The family Ptinidae in the modern sense corresponds

with the combined former concepts of Anobiidae and Ptinidae. The species (excluding Ptininae) were cataloged for North America by White (1982). The classification we employ below follows Philips (2002), with the exception of the use of Ptinidae over Anobiidae.

Anobiinae

Notes. Seven tribes, 13 genera, and 31 species of Anobiinae are known to occur in California (M Gimmel, unpublished data).

Anobiini

Notes. Three genera and seven species of Anobiini are known to occur in California (M Gimmel, unpublished data).

Hemicoelus LeConte, 1861

Nomenclatural Authority: White (1976); White (1982)

Notes. Four species of *Hemicoelus* are known to occur in California, including three previously reported (White 1982) and the new state record below. White (1976) provided a key to North American species.

Hemicoelus nelsoni (Hatch, 1961)

Nomenclatural Authority: White (1976); White (1982)

Literature Records: none

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

Range: Also known from mainland (White 1982).

Notes. This species represents a **new state record** for California.

Colposternini

Notes. One species of Colposternini has been recorded from California (White 1982).

Colposternus Fall, 1905

Nomenclatural Authority: White (1982)

Notes. One species of *Colposternus* has been recorded from California (White 1982).

Colposternus tenuilineatus (Horn, 1894)

Nomenclatural Authority: White (1982)

Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 132; Fall 1905: 191)

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (White 1982).

Notes. Fall (1897, 1901) recorded this species as *Trypopitys tenuilineata*; Fall (1905) subsequently transferred it to *Colposternus*.

Euceratocerini

Notes. Two or three genera and 10 or 11 species of Euceratocerini have been recorded from California (White 1982; M Gimmel, unpublished data).

Actenobius Fall, 1905

Nomenclatural Authority: White (1982)

Notes. One species of *Actenobius* has been recorded from California (White 1982).

Actenobius pleuralis (Casey, 1898)

Nomenclatural Authority: White (1982)

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (White 1982).

Euceratocerus LeConte, 1874

Nomenclatural Authority: White (1982)

Notes. No species of *Euceratocerus* have been reported from California (White 1982). The species were treated for North America by Hinson (2021).

Euceratocerus hornii LeConte, 1874

Nomenclatural Authority: White (1982)

Literature Records: Santa Catalina (Fall 1897: 238)

Digitized Records: none

Range: Also known from mainland (White 1982; Hinson 2021).

Notes. This species is otherwise reported only from Texas, with all other species of the genus being from points farther east (White 1982), casting extreme doubt on Fall's (1897) record from Santa Catalina. Fall's record may have referred to *Actenobius pleuralis* (K Hinson, 2021, pers. comm.).

Hadrobregmini

Notes. Two genera and three species of Hadrobregmini have been recorded from California (White 1982).

Priobium Motschulsky, 1845

Nomenclatural Authority: White (1982)

Notes. One species of *Priobium* has been recorded from California (White 1982).

Priobium punctatum (LeConte, 1859)
Nomenclatural Authority: White (1982)
Literature Records: Santa Cruz (Cockerell 1940: 286)
Digitized Records: Santa Catalina (1 iNat), Santa Cruz (7 SBMNH)
Range: Also known from mainland (White 1982).
Notes. Cockerell (1940) reported this species as *Trypopitys punctatus*.

Stegobiini

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

Oligomerus Redtenbacher, 1849
Nomenclatural Authority: White (1982)
Notes. Four species of *Oligomerus* are known to occur in California, including one putatively undescribed species (M Gimmel, unpublished data). White (1976a) provided a key to species of *Oligomerus*.

Oligomerus delicatulus (Fall, 1920)
Nomenclatural Authority: White (1976a); White (1982)
Literature Records: none
Digitized Records: Anacapa (1 SBMNH)
Range: Also known from mainland (White 1982).

Stegobium Motschulsky, 1860
Nomenclatural Authority: White (1982)
Notes. One species of *Stegobium* is known to occur in California (M Gimmel, unpublished data).

Stegobium paniceum (Linnaeus, 1758)
Nomenclatural Authority: White (1982)
Literature Records: none
Digitized Records: Santa Rosa (4 SBMNH)
Range: Also known from mainland (White 1982).
Notes. This pest species, known as the drugstore beetle, has been introduced around the world.

Dorcatominae

Notes. Three tribes, five genera, and seven species of Dorcatominae are known to occur in California (M Gimmel, unpublished data).

Dorcatomini

Notes. Three genera and five species of Dorcatomini are known to occur in California (M Gimmel, unpublished data).

Byrrhodes LeConte, 1878

Nomenclatural Authority: White (1982)

Notes. Two species of *Byrrhodes* have been recorded from California, including one putatively undescribed species (M Gimmel, unpublished data). White (1973a) provided a key to North American species.

Byrrhodes ulkei (Fall, 1905)

Nomenclatural Authority: White (1973a); White (1982)

Literature Records: none

Digitized Records: Santa Catalina (1 SBMNH)

Range: Also known from mainland (White 1982).

Notes. In the SBMNH collection, T.K. Philips identified a possible new species of *Byrrhodes* from specimens collected on the coastal side of the Santa Ynez Mountains in Santa Barbara County; the above record of *B. ulkei* possibly represents this species.

Petaliini

Notes. One species of Petaliini has been recorded from California (White 1982).

Petalium LeConte, 1861

Nomenclatural Authority: Ford (1973); White (1982)

Notes. One species of *Petalium* has been recorded from California (White 1982). Ford (1973) provided a key to North American species of this genus.

Petalium californicum Fall, 1905

Nomenclatural Authority: Ford (1973); White (1982)

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (Ford 1973; White 1982).

Ernobiinae

Notes. Three tribes, seven genera, and 27 species of Ernobiinae are known to occur in California (White 1982; M Gimmel, unpublished data).

Ernobiini

Notes. Three genera and 19 species of Ernobiini are known to occur in California (White 1982; M Gimmel, unpublished data).

Ernobius Thomson, 1859

Nomenclatural Authority: White (1982)

Notes. Seventeen species of *Ernobius* are known to occur in California, including one putatively undescribed species (M Gimmel, unpublished data). The species of this genus were keyed for California by Ruckes (1957).

Ernobius debilis LeConte, 1865

Nomenclatural Authority: Ruckes (1957); White (1982)

Literature Records: Santa Cruz (LeConte 1865: 225; Fall 1897: 238; Fall 1901: 131)

Digitized Records: Santa Cruz (10 SBMNH)

Range: Also known from mainland (Fall 1901).

Notes. This species was considered endemic to Santa Cruz Island by LeConte (1865) and Fall (1897), but subsequently discovered on the mainland (Fall 1901).

Ernobius punctulatus (LeConte, 1859)

Nomenclatural Authority: Ruckes (1957); White (1982)

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

Digitized Records: none

Range: Also known from mainland (White 1982).

Ozognathini

Notes. Two genera and three species of Ozognathini have been recorded from California (White 1982).

Ozognathus LeConte, 1861

Nomenclatural Authority: White (1982)

Notes. One species of *Ozognathus* has been reported from California (White 1982).

Ozognathus cornutus (LeConte, 1859)

Nomenclatural Authority: White (1982)

Literature Records: none
Digitized Records: Santa Catalina (1 iNat), Santa Cruz (2 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (White 1982).

Xarifa Fall, 1905

Nomenclatural Authority: White (1982)
Notes. Originally described as a genus endemic to the Channel Islands, one species, *Xarifa lobata* Fall, 1929, was subsequently described from mainland California (Carmel; Fall 1929a). These remain the only two species known; they were keyed by White (1974).

Xarifa insularis Fall, 1905
Nomenclatural Authority: White (1982)
Literature Records: San Clemente (Fall 1905: 138; Miller 1985a: 20), Santa Catalina (Fall 1905: 138; Miller 1985a: 20; White 1982: 3)
Digitized Records: Santa Catalina (3 SBMNH), Santa Cruz (1 LACM; 6 SBMNH), Santa Rosa (12 SBMNH)
Range: Endemic (Fall 1905; Miller 1985a).

Xestobiini

Notes. Two genera and five species of Xestobiini have been recorded from California (White 1982).

Xestobium Motschulsky, 1845

Nomenclatural Authority: White (1982)
Notes. Three species of *Xestobium* have been reported from California (White 1982). These species were partially keyed by White (1975), with another species added by White (1976b).

Xestobium marginicolle (LeConte, 1859)
Nomenclatural Authority: White (1982)
Literature Records: Santa Barbara (Miller & Miller 1985: 123)
Digitized Records: Santa Cruz (2 SBMNH)
Range: Also known from mainland (White 1982).
Notes. Reported from *Hemizonia* (Asteraceae) on Santa Barbara Island by Miller & Miller (1985).

Eucradinae

Notes. Only one genus, belonging to the tribe Hedobiini, and three species of Eucradinae have been recorded from California (White 1982).

Ptinomorphus Mulsant & Rey, 1868

Nomenclatural Authority: Zahradník & Háva (2014)

Notes. Three species of *Ptinomorphus* have been reported from California (White 1982, as *Hedobia* Dejean, 1821).

Ptinomorphus granosus (LeConte, 1874)

Nomenclatural Authority: White (1982); Zahradník & Háva (2014)

Literature Records: none

Digitized Records: Santa Rosa (1 SBMNH)

Range: Also known from mainland (White 1982).

Notes. This species was previously known as *Hedobia granosa*.

Mesocoelopodinae

Notes. Only one genus, belonging to the tribe Tricorynini, and 20 species of Mesocoelopodinae have been recorded from California (M Gimmel, unpublished data).

Tricorynus Waterhouse, 1849

Nomenclatural Authority: White (1982)

Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303)

Digitized Records (genus-only): Anacapa (2 SBMNH), San Clemente (5 SBMNH), San Nicolas (2 SBMNH), Santa Barbara (1 SBMNH), Santa Catalina (3 SBMNH), Santa Cruz (7 SBMNH)

Notes. Twenty species of *Tricorynus* have been recorded from California (M Gimmel, unpublished data). This genus was revised for North America by White (1965).

Tricorynus nubilus (Fall, 1905)

Nomenclatural Authority: White (1965); White (1982)

Literature Records: Santa Catalina (White 1965: 333)

Digitized Records: none

Range: Also known from mainland (White 1965, 1982).

Tricorynus obsoletus (LeConte, 1865)

Nomenclatural Authority: White (1965); White (1982)

Literature Records: Santa Catalina (Fall 1897: 238)

Digitized Records: none

Range: Also known from mainland (White 1965).

Notes. Fall (1897) listed this species as *Hemiptychus obsoletus* with a question mark.

Ptilininae

Notes. Only one genus, belonging to the tribe Ptilinini, and four species of Ptilininae have been recorded from California (White 1982).

Ptilinus Müller, 1764

Nomenclatural Authority: White (1982)

Notes. Four species of *Ptilinum* have been recorded from California (White 1982). No modern key exists to separate these species.

Ptilinus basalis LeConte, 1858

Nomenclatural Authority: White (1982)

Literature Records: none

Digitized Records: Santa Cruz (3 SBMNH)

Range: Also known from mainland (White 1982).

Ptininae: Ptinini

Notes. Four tribes, six genera, and 23 species of Ptininae, including three genera and 19 species of Ptinini, are known to occur in California (M Gimmel, unpublished data).

Ptinus Linnaeus, 1766

Nomenclatural Authority: Papp & Okumura (1959)

Notes. Fifteen species of *Ptinus* have been recorded from California, distributed among three subgenera, *Gynopterus* Mulsant & Rey, 1868, *Ptinus* (*s.str.*), and *Tectoptinus* Iablokoff-Khnzorian & Karapetyan, 1986 (Papp & Okumura 1959; Háva & Zahradník 2014). The key of Papp & Okumura (1959) can be used to separate these. Naughton et al. (2004: 303) recorded the genus only from Santa Cruz Island, but this has since been identified as *P. agnatus* (see below).

Ptinus (*Gynopterus*) *fallax* Fall, 1905

Nomenclatural Authority: Papp & Okumura (1959)

Literature Records: none

Digitized Records: Santa Catalina (6 SBMNH; 1 iNat)

Range: Also known from mainland (Papp & Okumura 1959).

Ptinus (*Ptinus*) *agnatus* Fall, 1905

Nomenclatural Authority: Papp & Okumura (1959)

Literature Records: none

Digitized Records: Santa Cruz (3 SBMNH), Santa Rosa (13 SBMNH)
Range: Also known from mainland (Papp & Okumura 1959).
Notes. The Santa Cruz Island specimen of "*Ptinus*" from Naughton et al. (2014) exists as a voucher (in SBMNH) and was identified to this species by MLG.

Xyletininae

Notes. Two tribes, six genera, and 29 species of Xyletininae have been recorded from California (White 1982; M Gimmel, unpublished data).

Lasiodermini

Notes. Two genera and five species of Lasiodermini have been recorded from California (M Gimmel, unpublished data).

Lasioderma Stephens, 1835
Nomenclatural Authority: White (1982)
Notes. Two species of *Lasioderma* are known to occur in California (M Gimmel, unpublished data).

Lasioderma serricorne (Fabricius, 1792)
Nomenclatural Authority: White (1982)
Literature Records: none
Digitized Records: Santa Cruz (15 LACM)
Range: Also known from mainland (White 1982).
Notes. This cosmopolitan pest is known as the cigarette beetle.

Xyletinini

Notes. Four genera and 24 species of Xyletinini have been recorded from California (White 1982).

Euvrilletta Fall, 1905
Nomenclatural Authority: White (1982)
Notes. Seven species of *Euvrilletta* have been recorded from California (White 1982). The key in White (1985) can be used to identify them.

Euvrilletta catalinae (Fall, 1905)
Nomenclatural Authority: White (1982)

Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 131; Fall 1905: 162; Miller 1985a: 20; Caterino & Chandler 2010: 187)
Digitized Records: none
Range: Endemic (Fall 1905; Miller 1985a; Caterino & Chandler 2010).
Notes. Fall (1905) recorded this species as *Oligomerodes catalinae* Fall; the genus *Oligomerodes* Fall was subsequently synonymized with *Euvrilletta* Fall by White (1976: 164), and the species was included in a key by White (1985: 191). Specimens referred to by Fall (1897: 238, 1901: 131) as "*Oligomerus*? new species" represent this species. Adults were collected from foliage of *Heteromeles arbutifolia* (Lindl.) M.Roem. (Rosaceae) (Fall 1901; White 1982).

Euvrilletta occidentalis (Fall, 1905)
Nomenclatural Authority: White (1982)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (White 1982).

Vrilletta LeConte, 1874
Nomenclatural Authority: White (1982)
Notes. Ten species of *Vrilletta* have been recorded from California (White 1982). White (1980) reviewed the genus and provided a key to species.

Vrilletta blaisdelli Fall, 1905
Nomenclatural Authority: White (1982)
Literature Records: Santa Catalina (Cockerell 1940: 286)
Digitized Records: Santa Cruz (1 SBMNH), Santa Rosa (11 SBMNH)
Range: Also known from mainland (White 1982).

Xyletinus Latreille, 1809
Nomenclatural Authority: White (1977); White (1982)
Notes. Six species of *Xyletinus* have been recorded from California (White 1982). White (1977) provided a partial, updated key to these species, supplementing that of White (1973b).

Xyletinus undetermined species
Literature Records: none
Digitized Records: Santa Rosa (1 SBMNH)
Notes. The single SBMNH specimen roughly keys to *Xyletinus rotundicollis* White, 1977 in White (1977). However, without adequate comparative material we hesitate to make a species-level identification.

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

Nomenclatural Authority: Wolcott (1947)

Notes. Four species of *Trichodes* are known from California (Foster 1976). These were keyed by Foster (1976).

Trichodes ornatus Say, 1823

Nomenclatural Authority: Foster (1976)

Literature Records: none

Digitized Records: Santa Cruz (7 SBMNH; 6 UCSB)

Range: Also known from mainland (Foster 1976).

Notes. The subspecies of *T. ornatus* occurring in coastal California is *T. o. douglasianus* White, 1849 (Foster 1976).

Hydnocerini

Notes. One genus and 15 species of Hydnocerini are known to occur in California (M Gimmel, unpublished data).

Phyllobaenus Dejean, 1837

Nomenclatural Authority: Wolcott (1947)

Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303)

Digitized Records (genus-only): Santa Catalina (1 SBMNH), Santa Cruz (2 SBMNH; 2 UCSB)

Notes. Fifteen species of *Phyllobaenus* are known to occur in California (M Gimmel, unpublished data). The two SBMNH specimens from Santa Cruz are vouchers for the Naughton et al. (2014) study.

Phyllobaenus funebris (Chevrolat, 1874)

Nomenclatural Authority: Wolcott (1947)

Literature Records: none

Digitized Records: San Miguel (2 SBMNH), Santa Cruz (14 SBMNH)

Range: Also known from mainland (Wolcott 1947).

Phyllobaenus scaber (LeConte, 1852)

Nomenclatural Authority: Wolcott (1947)

Literature Records: none

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

Range: Also known from mainland (Wolcott 1947).

Korynetinae

Notes. Six genera and 13 species of Korynetinae are known to occur in California (M Gimmel, unpublished data).

Loedelia Lucas, 1920

Nomenclatural Authority: Wolcott (1947)

Notes. One species of *Loedelia* is known from California (Wolcott 1947).

Loedelia maculicollis (LeConte, 1874)

Nomenclatural Authority: Wolcott (1947)

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH; 1 UCSB)

Range: Also known from mainland (Wolcott 1947).

Necrobia Olivier, 1795

Nomenclatural Authority: Wolcott (1947)

Notes. Three species of *Necrobia* are known from California (M Gimmel, unpublished data). Although these have long been thought to be introductions to North America from other parts of the world, evidence presented from tar pit material by Holden, Barclay & Angus (2018) casts doubt on this for the third known Californian species, *Necrobia violacea* (Linnaeus, 1758).

Necrobia ruficollis (Fabricius, 1775)

Nomenclatural Authority: Papp (1959)

Literature Records: San Clemente (Fall 1897: 238; Fall 1901: 130)

Digitized Records: Anacapa (1 SBMNH), Santa Cruz (5 LACM; 2 SBMNH)

Range: Also known from mainland (Wolcott 1947).

Notes. Fall (1901) recorded this species as *Corynetes ruficollis*. This is a cosmopolitan species (Papp 1959).

Necrobia rufipes (DeGeer, 1775)

Nomenclatural Authority: Papp (1959)

Literature Records: San Clemente (Fall 1897: 238), Santa Catalina (Fall 1897: 238), Santa Rosa (Fall 1897: 238)

Digitized Records: Anacapa (9 LACM), San Clemente (22 LACM; 1 SBMNH), San Miguel (4 LACM; 3 SBMNH), San Nicolas (28 LACM; 7 SBMNH), Santa Catalina (1 LACM; 1 SBMNH), Santa Cruz (98 LACM; 8 SBMNH; 2 UCSB), Santa Rosa (3 SBMNH)

Range: Also known from mainland (Fall 1901; Wolcott 1947). This is a cosmopolitan species (Papp 1959).

Tillinae

Notes. Six genera and 32 species of Tillinae are known to occur in California (Burke, Leavengood & Zolnerowich 2015; M Gimmel, unpublished data).

Cymatodera Gray, 1832

Nomenclatural Authority: Burke, Leavengood & Zolnerowich (2015)

Digitized Records (genus-only): Santa Cruz (1 UCRC)

Notes. Twenty-five species of the genus *Cymatodera* have been recorded from California (M Gimmel, unpublished data).

Cymatodera angustata Spinola, 1844

Nomenclatural Authority: Burke, Leavengood & Zolnerowich (2015)

Literature Records: Santa Rosa (Fall 1897: 238)

Digitized Records: none

Range: Also known from mainland (Rifkind 2019).

Notes. This flightless species was not reported from the islands by Rifkind (2019), and Fall's (1897) record may actually refer to *C. caterinoi*.

Cymatodera caterinoi Rifkind & Burke, 2019

Nomenclatural Authority: Rifkind (2019)

Literature Records: Anacapa (Rifkind 2019: 556), Santa Cruz (Rifkind 2019: 556), Santa Rosa (Rifkind 2019: 556)

Digitized Records: Santa Cruz (5 SBMNH; 1 UCSB), Santa Rosa (1 CASC; 1 CSCA; 4 JNRC; 3 SBMNH)

Range: Endemic (Rifkind 2019).

Notes. Flightless (Rifkind 2019).

Cymatodera insularis Rifkind, 2019

Nomenclatural Authority: Rifkind (2019)

Literature Records: San Clemente (Rifkind 2019: 553), Santa Catalina (Rifkind 2019: 553)

Digitized Records: San Nicolas (1 SBMNH), Santa Catalina (2 SBMNH)

Range: Endemic (Rifkind 2019).

Notes. Flightless (Rifkind 2019).

Cymatodera ovipennis LeConte, 1859

Nomenclatural Authority: Burke, Leavengood & Zolnerowich (2015)

Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 129)

Digitized Records: none

Range: Also known from mainland (Fall 1901; Burke, Leavengood & Zolnerowich 2015).

Melyridae

Notes. Two subfamilies, 29 genera, and 302 species of Melyridae are known to occur in California (M Gimmel, unpublished data).

Dasytinae

Notes. Two tribes, 19 genera, and 211 species of Dasytinae are known to occur in California (M Gimmel, unpublished data).

Dasytini

Notes. Eight genera and 40 species of Dasytini are known to occur in California (M Gimmel, unpublished data).

Dasytastes Casey, 1895

Nomenclatural Authority: Gimmel & Mayor (in prep.)

Digitized Records (genus-only): Anacapa (3 SBMNH), San Clemente (3 SBMNH), Santa Barbara (35 SBMNH), Santa Cruz (24 SBMNH), Santa Rosa (2 SBMNH)

Notes. Like most genera of Dasytinae, *Dasytastes* is in desperate need of revision. Until this is completed, distributional status and endemicity of the species cannot be determined. Forms from San Clemente Island appear externally divergent.

Dasytastes catalinae (LeConte, 1866)

Nomenclatural Authority: Gimmel & Mayor (in prep.)

Literature Records: Santa Catalina (LeConte 1866c: 361; Casey 1895: 583; Fall 1901: 128; Miller 1985a: 20; Caterino & Chandler 2010: 187)

Digitized Records: Santa Catalina (12 SBMNH)

Range: Endemic (LeConte 1866c; Casey 1895; Fall 1901; Miller 1985a; Caterino & Chandler 2010).

Notes. LeConte (1866c) recorded this species as *Dasytes catalinae*; it was transferred to the genus *Dasytastes* by Casey (1895). Fall (1901: 128) reported it to be “quite common on various flowers in July”.

Dasytastes insularis Fall, 1901

Nomenclatural Authority: Gimmel & Mayor (in prep.)

Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 251; Miller 1985a: 20)

Digitized Records: none
Range: Endemic (Fall 1897, 1901; Miller 1985a).
Notes. Recorded as "*Dasytes*, sp. nov." by Fall (1897).

"*Dasytes*" Paykull, 1799

Nomenclatural Authority: Gimmel & Mayor (in prep.)
Digitized Records (genus-only): Santa Cruz (6 SBMNH)
Notes. The native North American species currently placed in *Dasytes* will soon receive a generic reassignment; true *Dasytes* only occurs in the Palearctic region (M Gimmel, unpublished data). The North American fauna is in dire need of revision.

Dasytes clementae Fall, 1901

Nomenclatural Authority: Gimmel & Mayor (in prep.)
Literature Records: San Clemente (Fall 1897: 238; Fall 1901: 251; Miller 1985a: 20)
Digitized Records: none
Range: Endemic (Fall 1897, 1901; Miller 1985a).
Notes. Recorded as "*Dasytes*, sp. nov." by Fall (1897).

Eschatocrepis LeConte, 1862

Nomenclatural Authority: Gimmel & Mayor (in prep.)
Notes. This genus contains only one species in North America (M Gimmel, unpublished data).

Eschatocrepis constrictus (LeConte, 1852)

Nomenclatural Authority: Gimmel & Mayor (in prep.)
Literature Records: Santa Catalina (Fall 1897: 238), Santa Cruz (Fall & Davis 1934: 144)
Digitized Records: Anacapa (1 SBMNH), San Miguel (3 SBMNH), Santa Cruz (3 LACM; 35 SBMNH), Santa Rosa (5 SBMNH)
Range: Also known from mainland (Howell 1985).

Listrini

Notes. Eleven genera and 171 species of Listrini are known to occur in California (M Gimmel, unpublished data).

Listrus Motschulsky, 1860

Nomenclatural Authority: Gimmel & Mayor (in prep.)
Literature Records (genus-only): San Clemente (Fall 1897: 238), Santa Barbara (Miller & Miller 1985: 126), Santa Rosa (Fall 1897: 238)
Digitized Records (genus-only): Anacapa (1 SBMNH), San Clemente (74 LACM; 23

SBMNH), San Miguel (26 SBMNH), Santa Catalina (11 LACM; 14 SBMNH), Santa Cruz (6 LACM; 60 SBMNH), Santa Rosa (8 SBMNH)

Notes. Reported from *Coreopsis* (Asteraceae) on Santa Barbara Island by Miller & Miller (1985). This genus currently contains 56 species known to occur in California (M Gimmel, unpublished data). It is in desperate need of revision.

Listrus anacapensis Blaisdell, 1924

Nomenclatural Authority: Gimmel & Mayor (in prep.)

Literature Records: Anacapa (Blaisdell 1924a: 21; Miller 1985a: 20)

Digitized Records: none

Range: Endemic (Blaisdell 1924a; Miller 1985a).

Notes. This species, along with all other *Listrus*, was inexplicably moved to the genus *Amecocerus* by Pic (1937: 98), and was reported as *Amecocerus anacapensis* by Miller (1985a).

Listrus interruptus LeConte, 1866

Nomenclatural Authority: Gimmel & Mayor (in prep.)

Literature Records: Santa Cruz (LeConte 1866c: 357)

Digitized Records: none

Range: Also known from mainland (Casey 1895).

Notes. Casey (1895: 547): "This species extends westward to the crests of the Sierras in California, but does not descend the western slope of the mountains." The Santa Cruz Island record was thought to be incorrect by Fall (1901: 127).

Microasydates Gimmel & Mayor, in press

Nomenclatural Authority: Gimmel & Mayor (in press)

Notes. This genus contains four species, all of which occur in California (Gimmel & Mayor, in press). It was revised by Gimmel & Mayor (in press).

Microasydates punctipennis (LeConte, 1866)

Nomenclatural Authority: Gimmel & Mayor (in press)

Literature Records: Santa Catalina (LeConte 1866c: 355; Casey 1895: 532; Fall 1897: 237; Fall 1901: 126; Gimmel & Mayor, in press)

Digitized Records: Santa Catalina (1 SBMNH)

Range: Endemic (LeConte 1866c; Casey 1895; Fall 1901; Gimmel & Mayor, in press); reported from mainland (Blaisdell 1930: 19), but based on a misidentification of *Asydates kumeyaay* Mayor & Gimmel, 2019 (Gimmel & Mayor, in press).

Notes. LeConte (1866c) and Fall (1897) recorded this species as *Pristoscelis punctipennis*; Casey (1895) and Fall (1901) recorded it as *Trichochrous punctipennis*.

Microasydates sanclemente Gimmel & Mayor, in press
Nomenclatural Authority: Gimmel & Mayor (in press)
Literature Records: San Clemente (Gimmel & Mayor, in press)
Digitized Records: San Clemente (7 SBMNH)
Range: Endemic (Gimmel & Mayor, in press).

Microasydates santabarbara Gimmel & Mayor, in press
Nomenclatural Authority: Gimmel & Mayor (in press)
Literature Records: Anacapa (Gimmel & Mayor, in press), Santa Cruz (Gimmel & Mayor, in press), Santa Rosa (Gimmel & Mayor, in press)
Digitized Records: Anacapa (9 SBMNH), Santa Cruz (9 SBMNH; 15 LACM), Santa Rosa (3 LACM)
Range: Also known from mainland (Gimmel & Mayor, in press).

Pseudasydates Blaisdell, 1938
Nomenclatural Authority: Gimmel & Mayor (in prep.)
Notes. The genus *Pseudasydates* contains two currently described species in California, although there are additional species waiting to be described (M Gimmel & A Mayor, unpublished data).

Pseudasydates explanatus (Casey, 1895)
Nomenclatural Authority: Gimmel & Mayor (in prep.)
Literature Records: none
Digitized Records: Santa Catalina (11 LACM)
Range: Also known from mainland (M Gimmel & A Mayor, unpublished data).
Notes. The specimens from Santa Catalina Island, collected by George P. Kanakoff (LACM) in 1941, are an unexpected outlier for this otherwise Mojave Desert-Central Valley genus. Effort should be made to recollect it on the island during early spring.

Trichochrous Motschulsky, 1860
Nomenclatural Authority: Gimmel & Mayor (in prep.)
Literature Records (genus-only): San Miguel (Miller & Davis 1986: 550), Santa Barbara (Miller & Miller 1985: 126)
Notes. Miller & Miller (1985) reported 1–2 species of *Trichochrous* from Santa Barbara Island, including from *Avena* (Poaceae) and *Frankenia* (Frankeniaceae). Miller & Davis (1986) reported two undetermined species of this genus from San Miguel Island occurring on *Malacothrix* (Malvaceae).

Trichochrous brevicornis (LeConte, 1852)
Nomenclatural Authority: Gimmel & Mayor (in prep.)

Literature Records: none
Digitized Records: Santa Cruz (16 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (M Gimmel & A Mayor, unpublished data).

Trichochrous calcaratus Fall, 1934
Nomenclatural Authority: Gimmel & Mayor (in prep.)
Literature Records: Anacapa (Cockerell 1940: 285; Miller 1985a: 20), San Miguel (Cockerell 1940: 285), Santa Cruz (Fall & Davis 1934: 144; Cockerell 1940: 285; Miller 1985a: 20), Santa Rosa (Fall 1897: 237; Fall 1934: 143; Cockerell 1940: 285; Miller 1985a: 20)
Digitized Records: Anacapa (12 SBMNH), San Miguel (37 SBMNH), Santa Cruz (11 LACM; 57 SBMNH), Santa Rosa (1 LACM; 35 SBMNH)
Range: Endemic (Fall 1934; Cockerell 1940; Miller 1985a).
Notes. Fall's (1897) record from Santa Rosa Island was reported as *Pristoscelis aenescens* [= *Trichochrous aenescens* (LeConte, 1852)] and almost certainly represents *T. calcaratus*. LeConte (1866c: 355) recorded *P. aenescens* from "San Diego and the Islands off Santa Barbara". Miller & Miller (1985: 132) reported that these records are in error. The populations on the four northern islands may each represent different endemic species (M Gimmel, unpublished data).

Trichochrous pedalis (LeConte, 1866)
Nomenclatural Authority: Gimmel & Mayor (in prep.)
Literature Records: Santa Catalina (LeConte 1866c: 355; Casey 1895: 529; Fall 1897: 237; Fall 1901: 126; Cockerell 1940: 285; Miller 1985a: 20)
Digitized Records: Santa Catalina (9 LACM; 3 SBMNH)
Range: Also known from mainland (M Gimmel & A Mayor, unpublished data).
Notes. LeConte (1866c) and Fall (1897) recorded this species as *Pristoscelis pedalis*; it was transferred to *Trichochrous* by Casey (1895). Records of this species from San Clemente by Fall (1897: 237), Cockerell (1940: 285), and Miller (1985a: 20) refer to the "undescribed species near *pedalis*" below. Seavey's (1892: 262) record of *Pristoscelis quadricollis* [= *Trichochrous quadricollis* (LeConte, 1859)] from Santa Catalina is in error and almost certainly represents this species; he reported that it was collected from *Heteromeles arbutifolia*. Fall (1897: 235) also doubted the validity of this identification. All prior authors have considered *T. pedalis* to be endemic to Santa Catalina Island; however, individuals from a population occurring in the Palos Verdes Hills in mainland Los Angeles County have been collected which are not diagnosable from the island populations, neither externally nor using male genitalia, which are otherwise diagnostic within the genus (M Gimmel & A Mayor, unpublished data).

Trichochrous undescribed species 1 near *brevicornis*

Literature Records: none
Digitized Records: Anacapa (1 SBMNH), San Miguel (1 LACM) Santa Cruz (4 SBMNH), Santa Rosa (12 SBMNH; 9 LACM)
Range: Endemic (M Gimmel & A Mayor, unpublished data).
Notes. In our record set, the identifications of this new species are listed merely as "*Trichochrous*".

Trichochrous undescribed species 2 near *brevicornis*
Literature Records: none
Digitized Records: San Nicolas (19 SBMNH; 1 LACM)
Range: Endemic (M Gimmel & A Mayor, unpublished data).
Notes. In our record set, the identifications of this new species are listed merely as "*Trichochrous*".

Trichochrous undescribed species near *pedalis*
Literature Records: San Clemente (Fall 1897: 237; Cockerell 1940: 285; Miller 1985a: 20), Santa Barbara (Fall 1897: 237)
Digitized Records: San Clemente (35 SBMNH), San Nicolas (40 SBMNH; 58 LACM), Santa Barbara (18 LACM)
Range: Endemic (M Gimmel & A Mayor, unpublished data).
Notes. The San Clemente Island records were recorded as *T. pedalis* by Fall (1897), Cockerell (1940), and Miller (1985a). Fall's (1897) record from Santa Barbara Island was of *Pristoscelis aenescens* [= *Trichochrous aenescens* (LeConte, 1852)] but almost certainly represents this species. In our record set, the identifications of this new species are listed merely as "*Trichochrous*".

Malachiinae

Notes. Five tribes, 10 genera, and 91 species of Malachiinae are known to occur in California (M Gimmel, unpublished data).

Apalochrini

Notes. One genus and 21 species of Apalochrini are known to occur in California (M Gimmel, unpublished data).

Collops Erichson, 1840

Nomenclatural Authority: A Mayor (2022, unpublished catalog)
Digitized Records (genus-only): San Nicolas (1 SBMNH)

Notes. Twenty-one species of *Collops* have been recorded from California (A Mayor, 2022, unpublished catalog). The genus-only record from San Nicolas Island above refers to a larval specimen.

Collops cribrosus LeConte, 1852

Nomenclatural Authority: A Mayor (2022, unpublished catalog)
Literature Records: Santa Rosa (Fall 1897: 237)
Digitized Records: San Miguel (1 SBMNH), Santa Cruz (32 SBMNH; 1 UCSB), Santa Rosa (11 SBMNH)
Range: Also known from mainland (A Mayor, 2022, unpublished catalog).
Notes. Fall (1912) reported that this species lacks hind wings, but observation of specimens in SBMNH reveal that hind wings are present in at least most specimens of both sexes from both island and mainland populations. The wings extend about two-thirds the length of the elytra (MLG, personal observation).

Collops crusoe Fall, 1910 (Fig. 5)

Nomenclatural Authority: A Mayor (2022, unpublished catalog)
Literature Records: San Nicolas (Fall 1910: 140; Fall 1912: 269; Cockerell 1940: 285; Miller 1985a: 20), Santa Cruz (Miller 1985a: 20), Santa Rosa (Miller 1985a: 20)
Digitized Records: San Miguel (2 LACM), San Nicolas (60 LACM; 15 SBMNH; 3 iNat), Santa Cruz (2 LACM), Santa Rosa (1 LACM)
Range: Endemic (Fall 1910, 1912; Cockerell 1940; Miller 1985a).
Notes. Fall (1912) reported that this species lacks hind wings. However, specimens in SBMNH appear to have poorly developed hind wings in both sexes, extending about half the length of the elytra (MLG, personal observation). Almost certainly they are flightless.

Collops vittatus (Say, 1823)

Nomenclatural Authority: A Mayor (2022, unpublished catalog)
Literature Records: none
Digitized Records: Santa Catalina (3 SBMNH)
Range: Also known from mainland (A Mayor, 2022, unpublished catalog).
Notes. Island specimens of both sexes of this species present in SBMNH are fully winged (MLG, personal observation).

Attalini

Notes. Three genera and 38 species of Attalini are known to occur in California (M Gimmel, unpublished data).

Attalus Erichson, 1840

Nomenclatural Authority: A Mayor (2022, unpublished catalog)

Notes. Seventeen described species of *Attalus* are known from California (A Mayor, 2022, unpublished catalog). The two species below may prove to belong to the genus *Attalusinus* Leng, 1918 (tribe Troglopini) upon further study. The latter genus contains one described species in California (A Mayor, 2022, unpublished catalog).

Attalus transmarinus Fall, 1898

Nomenclatural Authority: A Mayor (2022, unpublished catalog)

Literature Records: San Clemente (Fall 1897: 237; Fall 1901: 125; Miller 1985a: 20)

Digitized Records: none

Range: Endemic (Fall 1897, 1901; Miller 1985a).

Notes. Fall (1897) originally recorded this species as *Attalus subfasciatus* Fall, 1897; this was, however, discovered to be a homonym and replaced with *A. transmarinus* by Fall (1898b: 267). Champion (1914: 65) subsequently and unnecessarily proposed *Attalus falli* Champion, 1914 as a replacement name.

Attalus undescribed species

Nomenclatural Authority: A Mayor (2021, pers. comm.)

Literature Records: none

Digitized Records: San Clemente (1 iNat)

Range: Endemic (A Mayor, 2021, pers. comm.).

Notes. This record is based on the specimen of *Attalus* on iNaturalist here (www.inaturalist.org/observations/71409011), which has been confirmed to belong to an undescribed species (A Mayor, 2021, pers. comm.).

Endeodes LeConte, 1859

Nomenclatural Authority: A Mayor (2022, unpublished catalog)

Notes. The genus *Endeodes* contains three species recorded from California (A Mayor, 2022, unpublished catalog), all of which are flightless and beach-dwelling, and all of which are represented on the Channel Islands.

Endeodes basalis (LeConte, 1852)

Nomenclatural Authority: Moore & Legner (1975)

Literature Records: Santa Catalina (Fall 1897: 237)

Digitized Records: San Clemente (6 SBMNH), San Miguel (15 SBMNH), San Nicolas (14 SBMNH), Santa Cruz (14 SBMNH), Santa Rosa (9 SBMNH)

Range: Also known from mainland (Moore & Legner 1975).

Notes. This species was reported by Fall (1897) as *Endeodes abdominalis* (LeConte, 1852), which is now considered a junior synonym of *E. basalis* (see Moore & Legner

1975). Some SBMNH specimens from San Miguel and Santa Rosa are nearly all-black (MLG, personal observation).

Endeodes collaris (LeConte, 1852)

Nomenclatural Authority: Moore & Legner (1975)

Literature Records: Santa Catalina (Fall 1901: 124), Santa Rosa (Fall 1897: 237)

Digitized Records: Santa Rosa (1 SBMNH)

Range: Also known from mainland (Fall 1901; Moore & Legner 1975).

Notes. Fall (1897: 240) noted an undetermined *Endeodes* from Santa Rosa that was based on one almost entirely black specimen, which may be a color variety of *E. collaris*.

Endeodes insularis Blackwelder, 1932

Nomenclatural Authority: Moore & Legner (1975)

Literature Records: San Miguel (Blackwelder 1932: 134; Moore 1954: 198; Moore & Legner 1975: 80), Santa Catalina (Fall 1897: 237)

Digitized Records: San Nicolas (1 SBMNH), Santa Rosa (5 SBMNH)

Range: Also known from mainland (Moore 1954).

Notes. The Santa Catalina record from Fall (1897) is based on a specimen cited as an undetermined *Endeodes* taken during July and possessing very minute elytra; this almost certainly refers to *E. insularis*. This species was originally thought to be endemic to the islands until it was collected on the mainland in Gaviota State Park, Santa Barbara County by Moore (1954).

Ebaeini

Notes. Three genera and five species of Ebaeini are known to occur in California (M Gimmel, unpublished data).

Charopus Erichson, 1840

Nomenclatural Authority: A Mayor (2022, unpublished catalog)

Notes. The genus *Charopus* contains two described species known from California (A Mayor, 2022, unpublished catalog), plus the undescribed species below.

Charopus undescribed species

Nomenclatural Authority: A Mayor (2021, pers. comm.)

Literature Records: Santa Catalina (Fall 1917: 78)

Digitized Records: Santa Cruz (3 SBMNH)

Range: Also known from mainland (A Mayor, 2021, pers. comm.).

Notes. Recorded by Fall (1917) as *Microlipus longicollis* (now *Charopus longicollis* Motschulsky, 1860). However, according to A Mayor (2021, pers. comm.), the island

populations represent an undescribed species of *Charopus* that also occurs on the mainland.

Malachiini

Notes. Two genera and 26 species of Malachiini have been recorded from California (M Gimmel, unpublished data).

"*Malachius*" Fabricius, 1775

Nomenclatural Authority: A Mayor (2022, unpublished catalog)

Notes. Twenty-one species of *Malachius* have been reported from California (A Mayor, 2022, unpublished catalog). All native North American species currently placed in this genus will soon be reassigned to *Hapalorhinus* LeConte, 1859.

"*Malachius*" undetermined species

Literature Records: Santa Rosa (Fall 1897: 237)

Digitized Records: none

Notes. The genus *Malachius* has not been recorded from the Channel Islands since Fall's (1897) record of "*Malachius*, sp. nov.?" from Santa Rosa (A Mayor, 2021, pers. comm.). Fall's original specimens, if still extant, should be reexamined.

Microlipus LeConte, 1852

Nomenclatural Authority: A Mayor (2022, unpublished catalog)

Notes. Five species of the genus *Microlipus* have been reported from California (A Mayor, 2022, unpublished catalog).

Microlipus laticeps LeConte, 1852

Nomenclatural Authority: A Mayor (2022, unpublished catalog)

Literature Records: none

Digitized Records: San Miguel (1 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (6 SBMNH; 1 UCSB), Santa Rosa (13 SBMNH)

Range: Also known from mainland (A Mayor, 2022, unpublished catalog).

Trogossitidae

Notes. The family Trogossitidae, as delimited by Gimmel et al. (2019), contains two subfamilies, seven genera, and 26 species in California (Barron 1971; M Gimmel, unpublished data). These species were keyed by Barron (1971).

Trogossitinae

Notes. Six genera and 24 species of Trogossitinae are known to occur in California (Barron 1971; M Gimmel, unpublished data).

Temnoscheila Westwood, 1830

Nomenclatural Authority: Kolibáč (2013)

Notes. The genus *Temnoscheila*, often misspelled *Temnochila*, contains six species in California (Barron 1971).

Temnoscheila chlorodia (Mannerheim, 1843)

Nomenclatural Authority: Barron (1971); Kolibáč (2013)

Literature Records: Santa Cruz (Barron 1971: 84)

Digitized Records: Santa Cruz (1 LACM; 1 SBMNH; 6 UCSB)

Range: Also known from mainland (Barron 1971).

Notes. Barron (1971) recorded this species as *Temnochila chlorodia*.

Tenebroides Piller & Mitterpacher, 1783

Nomenclatural Authority: Kolibáč (2013)

Notes. The genus *Tenebroides* contains six species in California (M Gimmel, unpublished data).

Tenebroides crassicornis (Horn, 1862)

Nomenclatural Authority: Barron (1971); Kolibáč (2013)

Literature Records: Santa Cruz (Barron 1971: 97)

Digitized Records: none

Range: Also known from mainland (Barron 1971).

Tenebroides occidentalis Fall, 1910

Nomenclatural Authority: Barron (1971); Kolibáč (2013)

Literature Records: none

Digitized Records: Santa Cruz (9 SBMNH; 2 UCSB)

Range: Also known from mainland (Barron 1971).

TENEBRIONOIDEA

Anthicidae

Notes. Three subfamilies, 20 genera, and 99 species of Anthicidae are known to occur in California (M Gimmel, unpublished data).

Anthicinae

Notes. Twelve genera and 53 species of Anthicinae are known to occur in California (M Gimmel, unpublished data).

Amblyderus LaFerté-Sénectère, 1849

Nomenclatural Authority: Chandler (2002)

Notes. Two species of *Amblyderus* have been recorded from California (Chandler 1999). The species of this genus were treated for North America by Chandler (1999).

Amblyderus obesus Casey, 1895

Nomenclatural Authority: Chandler (1999)

Literature Records: San Nicolas (Chandler 1999: 282)

Digitized Records: San Miguel (1 SBMNH), San Nicolas (2 SBMNH)

Range: Also known from mainland (Chandler 1999).

Amblyderus parviceps Casey, 1895

Nomenclatural Authority: Chandler (1999)

Literature Records: none

Digitized Records: Santa Cruz (5 SBMNH), Santa Rosa (2 SBMNH)

Range: Also known from mainland (Chandler 1999).

Anthicus Paykull, 1798

Nomenclatural Authority: Chandler (2002)

Literature Records (genus-only): San Clemente (Fall 1897: 239), Santa Catalina (Fall 1897: 239)

Notes. Twenty-one species of *Anthicus* are known to occur in California (M Gimmel, unpublished data). The species were treated for North America by Werner (1964). The above two island records were referred to as "*Anthicus* sp." by Fall (1897).

Anthicus cribratus LeConte, 1851

Nomenclatural Authority: Werner (1964)

Literature Records: Santa Cruz (Werner 1964: 215)

Digitized Records: Santa Cruz (11 SBMNH)

Range: Also known from mainland (Werner 1964).

Anthicus maritimus LeConte, 1851

Nomenclatural Authority: Werner (1964)

Literature Records: none

Digitized Records: San Nicolas (9 SBMNH)

Range: Also known from mainland (Werner 1964).

Anthicus nanus LeConte, 1851
Nomenclatural Authority: Werner (1964)
Literature Records: none
Digitized Records: Santa Catalina (3 SBMNH), Santa Cruz (10 SBMNH)
Range: Also known from mainland (Werner 1964).

Anthicus punctulatus LeConte, 1851
Nomenclatural Authority: Werner (1964)
Literature Records: none
Digitized Records: San Clemente (3 SBMNH), Santa Catalina (9 SBMNH), Santa Cruz (2 SBMNH)
Range: Also known from mainland (Werner 1964).

Anthicus rufulus LeConte, 1851
Nomenclatural Authority: Werner (1964)
Literature Records: none
Digitized Records: Santa Catalina (5 SBMNH)
Range: Also known from mainland (Werner 1964).

Cyclodinus Mulsant & Rey, 1866
Nomenclatural Authority: Chandler (2002)
Notes. Five species of *Cyclodinus* have been recorded from California (Chandler 2005). The genus was revised for the New World by Chandler (2005).

Cyclodinus annectens (LeConte, 1851)
Nomenclatural Authority: Chandler (2005)
Literature Records: San Clemente (Fall 1897: 239; Fall 1901: 181), Santa Catalina (Fall 1897: 239; Fall 1901: 181; Chandler 2005: 7)
Digitized Records: Santa Catalina (1 SBMNH)
Range: Also known from mainland (Fall 1901; Chandler 2005).
Notes. Fall (1897, 1901) recorded this species as *Anthicus californicus* LaFerté-Senéctère, 1849. However, this name actually applies to an eastern North American species now placed in the genus *Cyclodinus* Mulsant & Rey, 1866 (see Chandler 2005). The Channel Island records of this species almost certainly pertain to *C. annectens*.

Ischyropalpus LaFerté-Sénectère, 1849
Nomenclatural Authority: Chandler (2002)

Notes. Five species of *Ischyropalpus* are known to occur in California (M Gimmel, unpublished data). The species of this genus were revised for North America by Werner (1973).

Ischyropalpus nitidulus (LeConte, 1851)
Nomenclatural Authority: Werner (1973)
Literature Records: Santa Catalina (Werner 1973: 1060), Santa Cruz (Werner 1973: 1060)
Digitized Records: Anacapa (1 LACM), Santa Catalina (4 LACM), Santa Cruz (20 SBMNH)
Range: Also known from mainland (Werner 1973).

Omonadus Mulsant & Rey, 1866
Nomenclatural Authority: Chandler (2002)
Notes. Two adventive species of *Omonadus* have been recorded from California (Werner 1964). The species were revised for North America by Werner (1964; as part of *Anthicus*).

Omonadus floralis (Linnaeus, 1758)
Nomenclatural Authority: Werner (1964); Chandler (2002)
Literature Records: Santa Catalina (Cockerell 1940: 285)
Digitized Records: none
Range: Also known from mainland (Cockerell 1940; Werner 1964).
Notes. This species is introduced from the Old World (Chandler 2002). Cockerell (1940) recorded it as *Hemantus floralis*, and Werner (1964) treated it as *Anthicus floralis*.

Notoxinae

Notes. Two genera and 24 species of Notoxinae have been recorded from California (Chandler 1983; M Gimmel, unpublished data).

Notoxus Geoffroy, 1762
Nomenclatural Authority: Chandler (2002)
Digitized Records (genus-only): Santa Catalina (8 LACM), Santa Rosa (1 LACM; 5 SBMNH)
Notes. Twenty-three species of *Notoxus* have been recorded from California (Chandler 1983). The North American species were revised by Chandler (1982).

Notoxus desertus Casey, 1895
Nomenclatural Authority: Chandler (1983)
Literature Records: Santa Catalina (Fall 1897: 238)
Digitized Records: Santa Catalina (8 SBMNH), Santa Cruz (11 SBMNH), Santa Rosa (1

SBMNH)
Range: Also known from mainland (Chandler 1983).
Notes. This species was recorded as *Notoxus constrictus* Casey, 1895 by Fall (1897), which is now treated as a junior synonym of *N. desertus* (see Chandler 1983: 354).

Notoxus sparsus LeConte, 1859
Nomenclatural Authority: Chandler (1983)
Literature Records: Santa Cruz (Chandler 1983: 395)
Digitized Records: none
Range: Also known from mainland (Chandler 1983).

Ciidae

Notes. Two subfamilies, nine genera, and 27 species of Ciidae have been recorded from California (Lawrence 1982). The North American species were monographed by Lawrence (1971), treated for California by Lawrence (1974), and cataloged for North America by Lawrence (1982). Lopes-Andrade et al. (2016) made additional taxonomic changes affecting the California species.

Ciinae: Ciini

Notes. Two tribes, eight genera, and 26 species of Ciinae, seven genera and 25 species belonging to Ciini, have been recorded from California (Lawrence 1982).

Ceracis Mellié, 1848
Nomenclatural Authority: Lawrence (1982)
Notes. Two species of *Ceracis* have been recorded from California (Lawrence 1982).

Ceracis californicus (Casey, 1884)
Nomenclatural Authority: Lawrence (1971); Lawrence (1974)
Literature Records: none
Digitized Records: Santa Rosa (1 SBMNH)
Range: Also known from mainland (Lawrence 1971, 1974).
Notes. This widespread species has not been reported from the islands in the literature, but is well-known from coastal California and the western half of North America (Lawrence 1971, 1974).

Cis Latreille, 1796
Nomenclatural Authority: Lawrence (1982)
Notes. Seventeen species of *Cis* have been recorded from California (Lawrence 1982).

Cis undetermined species

Literature Records: Santa Catalina (Fall 1897: 238)

Digitized Records: none

Notes. Fall (1897) recorded "*Cis* sp." from Santa Catalina. There are 17 species of this genus reported from California (M Gimmel, unpublished data), but we know of no additional specimens or literature records from the Channel Islands.

Hadreule Thomson, 1859

Nomenclatural Authority: Lopes-Andrade et al. (2016)

Notes. One species of *Hadreule* has been recorded from California (Lawrence 1982). In many publications, including those of Lawrence (1971, 1974, 1982), the genus has been misspelled and misattributed as *Hadraule* Thomson, 1863, but the proper spelling and attribution are *Hadreule* Thomson, 1859 (see Lopes-Andrade et al. 2016: 359).

Hadreule blaisdelli (Casey, 1900)

Nomenclatural Authority: Lawrence (1971); Lawrence (1974)

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (Lawrence 1971, 1974).

Notes. This widespread species and occasional herbarium pest has not been reported from the islands in the literature, but it is well documented from California and the rest of North America (Lawrence 1971, 1974).

Orthocis Casey, 1898

Nomenclatural Authority: Lawrence (1982)

Notes. One species of *Orthocis* has been recorded from California (Lawrence 1982).

Orthocis punctatus (Mellié, 1848)

Nomenclatural Authority: Lawrence (1971); Lawrence (1974)

Literature Records: none

Digitized Records: Santa Catalina (2 SBMNH), Santa Rosa (7 SBMNH)

Range: Also known from mainland (Lawrence 1971, 1974).

Notes. This widespread species has not been reported from the islands in the literature, but the town of Santa Barbara was cited as a known locality by Lawrence (1971: 486, 1974: 19).

Sulcacis Dury, 1917

Nomenclatural Authority: Lawrence (1982)

Notes. One species of *Sulcacis* has been recorded from California (Lawrence 1982).

Sulcacis curtulus (Casey, 1898)

Nomenclatural Authority: Lawrence (1971); Lawrence (1974)

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (Lawrence 1971, 1974).

Notes. This widespread species has not been reported from the islands in the literature, but it is well documented from coastal California and across North America (Lawrence 1971, 1974).

Meloidae

Notes. Two subfamilies, 18 genera, and 122 species of Meloidae are known to occur in California (M Gimmel, unpublished data).

Meloinae

Notes. Twelve genera and 85 species of Meloinae are known to occur in California (M Gimmel, unpublished data).

Cordylospasta Horn, 1875

Nomenclatural Authority: Pinto (1972)

Notes. Two species of *Cordylospasta* have been recorded from California (Pinto 1972). The genus was revised by Pinto (1972).

Cordylospasta opaca (Horn, 1868)

Nomenclatural Authority: Pinto (1972)

Literature Records: Santa Cruz (Pinto 1972: 1170)

Digitized Records: none

Range: Also known from mainland (Pinto 1972).

Epicauta Dejean, 1834

Nomenclatural Authority: Pinto (1991)

Notes. Pinto (1991) provided keys to all North and Central American species of this large genus, of which 25 species have been recorded from California in two subgenera, *Epicauta* (*s.str.*) and *Macrobasis* LeConte, 1862 (M Gimmel, unpublished data).

Epicauta (*Epicauta*) *puncticollis* Mannerheim, 1843

Nomenclatural Authority: Pinto (1991)

Literature Records: Santa Rosa (Ballmer 1980: 79 [map])

Digitized Records: Santa Rosa (21 LACM; 2 SBMNH)
Range: Also known from mainland (Ballmer 1980; Pinto 1991).

Lytta Fabricius, 1775

Nomenclatural Authority: Selander (1960)
Notes. Thirty species of *Lytta* have been recorded from California, belonging to the subgenera *Adicolytta* Selander, 1960, *Paralytta* Selander, 1960, and *Poreospasta* Horn, 1868 (Selander 1960). The species of this genus were monographed by Selander (1960).

Lytta (*Poreospasta*) *stygica* (LeConte, 1851)
Nomenclatural Authority: Selander (1960)
Literature Records: none
Digitized Records: San Clemente (1 SBMNH)
Range: Also known from mainland (Selander 1960).

Meloe Linnaeus, 1758

Nomenclatural Authority: Pinto & Selander (1970)
Literature Records (genus-only): Santa Catalina (Fall 1897: 239)
Notes. Eleven species of *Meloe* have been recorded from California, belonging to the subgenera *Meloe* (*s.str.*) and *Treiodous* Dugès, 1869 (M Gimmel, unpublished data). The species of this genus were monographed for the New World by Pinto & Selander (1970). Although listed separately as "*Meloe* sp.", Fall's (1897) record probably refers to *M. barbarus*.

Meloe (*Meloe*) *strigulosus* Mannerheim, 1852
Nomenclatural Authority: Pinto & Selander (1970)
Literature Records: San Miguel (Cockerell 1940: 285; Pinto & Selander 1970: 159)
Digitized Records: San Miguel (2 SBMNH)
Range: Also known from mainland (Pinto & Selander 1970).
Notes. Triungulin larvae of this species have been reported as phoretic both on flower-visiting bee hosts and other taxa such as flies to travel from flower to flower (Pinto et al. 2020). It is worth noting that the single known island that this species inhabits is the only island where *M. barbarus* is not known to occur.

Meloe (*Treiodous*) *barbarus* LeConte, 1861
Nomenclatural Authority: Pinto & Selander (1970)
Literature Records: San Clemente (Van Dyke 1928: 445; Pinto & Selander 1970: 120; Huether & Huether 2015: 162; Miller & Miller 1985: 128), San Nicolas (Miller & Miller 1985: 128), Santa Barbara (LeConte 1861: 354; Van Dyke 1928: 445; Fall 1897: 239; Fall 1901: 183; Cockerell 1940: 285; Pinto & Selander 1970: 120; Miller & Miller 1985:

128), Santa Catalina (Pinto & Selander 1970: 120; Miller & Miller 1985: 128), Santa Cruz (Miller & Miller 1985: 128)
Digitized Records: San Clemente (3 LACM), San Nicolas (1 SBMNH), Santa Catalina (2 LACM), Santa Cruz (1 UCRC), Santa Rosa (1 UCRC)
Range: Also known from mainland (Cockerell 1940; Pinto & Selander 1970).
Notes. This species, originally described from Santa Barbara Island and thought to be endemic, was shown to be widespread in the Pacific coast states by Pinto & Selander (1970).

Mordellidae

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

Notes. One genus and three species of Mordellini have been recorded from California (Bright 1986).

Mordella Linnaeus, 1758
Nomenclatural Authority: Bright (1986)
Notes. Three species of *Mordella* have been recorded from California (Bright 1986).

Mordella albosuturalis Liljeblad, 1922
Nomenclatural Authority: Liljeblad (1945)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Liljeblad 1945).

Mordella hubbsi Liljeblad, 1922
Nomenclatural Authority: Liljeblad (1945)
Literature Records: Santa Cruz (Naughton et al. 2014: 304)
Digitized Records: Santa Cruz (2 LACM; 4 SBMNH)
Range: Also known from mainland (Liljeblad 1945).

Mordellistenini

Notes. Three genera and 23 species of Mordellistenini are known to occur in California (Bright 1986).

Mordellina Schilsky, 1908

Nomenclatural Authority: Lisberg (2003)

Notes. Six species now placed in *Mordellina* have been recorded from California (Bright 1986; Lisberg 2003).

Mordellina undetermined species

Literature Records: none

Digitized Records: San Clemente (10 SBMNH), San Miguel (6 LACM), San Nicolas (9 SBMNH), Santa Barbara (3 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (4 SBMNH), Santa Rosa (5 SBMNH)

Notes. Characters used to separate putative species of *Mordellina* from *Mordellistena* in the SBMNH collection were those outlined by Lisberg (2003), who noted that additional species require transfer from *Mordellistena* to *Mordellina*. Because of this issue and the lack of a modern revision, no attempt was made to determine these specimens to species.

Mordellistena Costa, 1854

Nomenclatural Authority: Bright (1986)

Notes. Sixteen species currently placed in *Mordellistena* are known to occur in California (M Gimmel, unpublished data).

Mordellistena undetermined species

Literature Records: Santa Barbara (Miller & Miller 1985: 128), Santa Catalina (Fall 1897: 238), Santa Cruz (Naughton et al. 2014: 304)

Digitized Records: Anacapa (6 SBMNH), San Clemente (1 SBMNH), San Nicolas (1 SBMNH), Santa Barbara (2 SBMNH), Santa Catalina (7 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (2 SBMNH)

Notes. Fall (1897) listed two separate undetermined species of *Mordellistena* from Santa Catalina; Miller & Miller (1985) indicated that the Santa Barbara Island species belongs to a group including *Mordellistena nubila* (LeConte, 1858), *Mordellistena ruficeps* LeConte, 1862, and *Mordellistena subfucus* Liljeblad, 1945. MLG notes that there are at least four morphospecies of *Mordellistena* represented among island material in SBMNH, including an undescribed apterous species based on four specimens from San Clemente (1), San Nicolas (1), and Santa Barbara (2) islands.

Mycetophagidae, NEW FAMILY RECORD

Notes. Two subfamilies, four genera, and seven species of Mycetophagidae have been recorded from California (Parsons 1975). The North American fauna was revised by Parsons (1975).

Mycetophaginae

Notes. Three genera and six species of Mycetophaginae have been recorded from California (Parsons 1975).

Litargus Erichson, 1846

Nomenclatural Authority: Young (2002)

Notes. One species of *Litargus* has been recorded from California (Parsons 1975).

Litargus balteatus LeConte, 1856

Nomenclatural Authority: Parsons (1975)

Literature Records: none

Digitized Records: Santa Cruz (4 SBMNH), Santa Rosa (6 SBMNH)

Range: Also known from mainland (Parsons 1975).

Notes. This is a cosmopolitan species (Parsons 1975), but is presumably native to North America.

Mycetophagus Hellwig, 1792

Nomenclatural Authority: Young (2002)

Notes. Four species of *Mycetophagus* have been recorded from California, belonging to three subgenera, *Gratusus* Casey, 1900, *Mycetophagus* (*s.str.*), and *Parilendus* Casey, 1900 (Parsons 1975).

Mycetophagus (*Gratusus*) *pluriguttatus* LeConte, 1856

Nomenclatural Authority: Parsons (1975)

Literature Records: none

Digitized Records: Santa Cruz (4 SBMNH), Santa Rosa (3 SBMNH)

Range: Also known from mainland (Parsons 1975).

Typhaea Curtis, 1830

Nomenclatural Authority: Young (2002)

Notes. One species of *Typhaea* has been recorded from California (Parsons 1975).

Typhaea stercorea (Linnaeus, 1758)

Nomenclatural Authority: Parsons (1975)

Literature Records: none

Digitized Records: Santa Catalina (1 iNat)
Range: Also known from mainland (Parsons 1975).
Notes. This is a cosmopolitan species (Parsons 1975), presumably Palearctic in origin.

Mycteridae

Notes. Three subfamilies, three genera, and six species of Mycteridae have been recorded from California (M Gimmel, unpublished data).

Eurypinae

Notes. One genus and species of Eurypinae has been recorded from California (Pollock & Majka 2012).

Lacconotus LeConte, 1862
Nomenclatural Authority: Pollock & Majka (2012)
Notes. One species of *Lacconotus* has been recorded from California, belonging to the subgenus *Alcconotus* Pollock & Majka, 2012 (Pollock & Majka 2012). The North American species were reviewed by Pollock & Majka (2012).

Lacconotus (*Alcconotus*) *pinicola* Horn, 1879
Nomenclatural Authority: Pollock & Majka (2012)
Literature Records: Santa Catalina (Pollock & Majka 2012: 21), Santa Cruz (Pollock & Majka 2012: 22; Naughton et al. 2014: 304)
Digitized Records: Santa Catalina (2 SBMNH), Santa Cruz (5 SBMNH)
Range: Also known from mainland (Pollock & Majka 2012).

Oedemeridae, NEW FAMILY RECORD

Notes. Two subfamilies, 13 genera, and 33 species of Oedemeridae are known to occur in California (M Gimmel, unpublished data). Most of the North American fauna of Oedemeridae was treated by Arnett (1951).

Oedemerinae

Notes. Eleven genera and 31 species of Oedemerinae are known to occur in California (M Gimmel, unpublished data).

Asclerini

Notes. Eight genera and 24 species of Asclerini are known to occur in California (M Gimmel, unpublished data).

Copidita LeConte, 1866

Nomenclatural Authority: Arnett (1951)

Notes. One species of *Copidita* has been recorded from California (Arnett 1951).

Copidita quadrimaculata (Motschulsky, 1853)

Nomenclatural Authority: Arnett (1951)

Literature Records: none

Digitized Records: San Clemente (2 SBMNH), San Miguel (2 LACM; 16 SBMNH), San Nicolas (3 LACM; 1 SBMNH), Santa Catalina (4 LACM; 1 SBMNH), Santa Cruz (33 LACM; 3 SBMNH), Santa Rosa (1 LACM; 8 SBMNH)

Range: Also known from mainland (Arnett 1951).

Notes. This is a widespread beach-dwelling species on the Pacific coast of North America (Arnett 1951).

Nacerdini

Notes. Two genera and five species of Nacerdini have been recorded from California (Arnett 1951).

Nacerdes Dejean, 1834

Nomenclatural Authority: Arnett (1951)

Notes. One species of *Nacerdes* has been recorded from California (Arnett 1951).

Nacerdes melanura (Linnaeus, 1758)

Nomenclatural Authority: Arnett (1951)

Literature Records: none

Digitized Records: Santa Catalina (1 LACM)

Range: Also known from mainland (Arnett 1951).

Notes. Known as the wharf borer, this species is adventive in North America, and probably occurs on coasts worldwide (Arnett 1951).

Xanthochroa Schmidt, 1846

Nomenclatural Authority: Arnett (1951)

Notes. Four species of *Xanthochroa* have been recorded from California (Arnett 1951).

Xanthochroa marina Horn, 1896

Nomenclatural Authority: Arnett (1951)

Literature Records: none
Digitized Records: Santa Cruz (8 SBMNH)
Range: Also known from mainland (Arnett 1951).
Notes. This species, described from Marin County, is known from California and Oregon (Arnett 1951).

Pyrochroidae, NEW FAMILY RECORD

Notes. Four subfamilies, five genera, and 35 species of Pyrochroidae are known to occur in California (M Gimmel, unpublished data).

Pedilinae

Notes. One genus and 25 species of Pedilinae are known to occur in California (M Gimmel, unpublished data).

Pedilus Fischer von Waldheim, 1820
Nomenclatural Authority: Bouchard et al. (2011)
Digitized Records (genus-only): Santa Cruz (1 SBMNH; 1 UCSB)
Notes. Twenty-five species of *Pedilus* are known to occur in California (M Gimmel, unpublished data). Most of the California species of this genus were treated by Abdullah (1964, 1966, 1969).

Pedilus bardii (Horn, 1874)
Nomenclatural Authority: Abdullah (1966)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Abdullah 1966).

Salpingidae, NEW FAMILY RECORD

Notes. This family is currently divided into seven subfamilies worldwide and its composition has changed dramatically and often over the last century. Five subfamilies, six genera, and 14 species are known to occur in California (M Gimmel, unpublished data).

Salpinginae

Notes. Two genera and two or three species of Salpinginae are known to occur in California (M Gimmel, unpublished data).

Rhinosimus Latreille, 1802

Nomenclatural Authority: Bouchard et al. (2011)

Notes. One or two species of this genus have been reported from California (M Gimmel, unpublished data). The North American species were treated by Blair (1932), but the genus still needs revision. *Rhinosimus* has a Holarctic distribution.

Rhinosimus undetermined species

Literature Records: none

Digitized Records: Santa Cruz (4 SBMNH)

Notes. *Rhinosimus* is known from coastal habitats from Alaska south, with the Santa Cruz records representing the southernmost extent of its range known to us.

Scraptiidae

Notes. This family is divided into two subfamilies, Anaspidinae and Scraptiinae, both occurring in California; the former was historically included in Mordellidae (Liljeblad 1945), while the latter was historically included within Melandryidae (Pollock 2002). Five genera and 19 species of Scraptiidae are known to occur in California (M Gimmel, unpublished data).

Anaspidinae

Notes. Four genera and 17 species of Anaspidinae have been recorded from California (M Gimmel, unpublished data). These were treated for North America by Liljeblad (1945).

Anaspis Geoffroy, 1762

Nomenclatural Authority: Pollock (2002)

Digitized Records (genus-only): Santa Cruz (14 SBMNH)

Notes. Seven species of *Anaspis* have been recorded from California (Liljeblad 1945).

Anaspis atrata Champion, 1891

Nomenclatural Authority: Liljeblad (1945)

Literature Records: none

Digitized Records: Santa Cruz (2 LACM; 6 SBMNH)

Range: Also known from mainland (Liljeblad 1945).

Anaspis collaris LeConte, 1851

Nomenclatural Authority: Liljeblad (1945)

Literature Records: Santa Catalina (Fall 1897: 238; Liljeblad 1945: 216)

Digitized Records: Santa Catalina (1 SBMNH)

Range: Also known from mainland (Liljeblad 1945).

Pentaria Mulsant, 1856

Nomenclatural Authority: Pollock (2002)

Notes. Five species of *Pentaria* have been recorded from California (Liljeblad 1945).

Pentaria trifasciata (Melsheimer, 1845)

Nomenclatural Authority: Liljeblad (1945)

Literature Records: Santa Catalina (Fall 1897: 238)

Digitized Records: San Nicolas (1 SBMNH), Santa Catalina (7 SBMNH), Santa Cruz (5 LACM; 6 SBMNH)

Range: Also known from mainland (Liljeblad).

Notes. Liljeblad (1945) treated this as an extremely variable and widespread species, including *Pentaria trifasciata nubila* (LeConte, 1859) as a variety representing a color morph. Fall (1897) reported this species as *Pentaria nubila*. We have seen specimens from Santa Cruz Island corresponding to both color morphs in the sense of Liljeblad (1945).

Tenebrionidae

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. The constituent groups that comprise the Channel Island diversity vary in accessibility of authoritative treatments and identification resources. Many of the tribes and genera require a thorough revision before the species reported from the islands can be truly verified. Eight subfamilies, 37 tribes, 110 genera, 525 species of Tenebrionidae are known to occur in California (M Gimmel, unpublished data).

Alleculinae

Notes. Six genera and 33 species of Alleculinae, all belonging to the tribe Alleculini, have been recorded from California (Bousquet et al. 2018). “Alleculinae larvae” were reported from San Clemente and Santa Catalina by Straughan & Hadley (1980: 392).

Hymenorus Mulsant, 1852

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 304)

Notes. This genus was last revised by Fall (1931) and requires significant work, at least for species in western North America. There are 19 species reported from California (Bousquet et al. 2018).

Hymenorus infuscatus Casey, 1891

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 176; Fall 1931: 186)

Digitized Records: none

Range: Also known from mainland (Fall 1931).

Notes. The southern California species are difficult to identify. We have not seen any *Hymenorus* specimens from the Channel Islands, but trust the records given by Fall who completed the last revision of this genus.

Isomira Mulsant, 1856

Nomenclatural Authority: Bousquet et al. (2018)

Digitized Records (genus-only): San Clemente (16 SBMNH), San Nicolas (2 SBMNH), Santa Catalina (9 SBMNH), Santa Cruz (21 SBMNH), Santa Rosa (11 SBMNH)

Notes. This genus was revised in the dissertation of Marshall (1964) which was subsequently published in numerous parts except for a final key and treatments of the western species. Species are difficult to identify without comparative material and dissected males (MAJ, personal observation). There are five species recorded from California (Bousquet et al. 2018).

Isomira comstocki Papp, 1956

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Santa Cruz (Marshall 1964:145)

Digitized Records: Santa Barbara (1 LACM), Santa Cruz (4 SBMNH)

Range: Also known from mainland (Marshall 1964).

Notes. This widespread and variable species is primarily identified by dissected male genitalia.

Isomira damnata Marshall, 1970

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none

Digitized Records: Santa Catalina (1 LACM)

Range: Also known from mainland (Marshall 1964).

Notes. The single Channel Island specimen of this species is a male with extruded genitalia that was reliably determined by J.M. Campbell.

Isomira luscitiosa Casey, 1891

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none

Digitized Records: Santa Cruz (5 LACM), Santa Rosa (2 LACM)

Range: Also known from mainland (Marshall 1964).

Notes. The specimens representing this species were reliably determined by J.M. Campbell.

Isomira variabilis (Horn, 1875)

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: San Clemente (Fall 1897: 238; Fall 1901: 176)

Digitized Records: none

Range: Also known from mainland (Marshall 1964).

Notes. Marshall (1964) recognized a species group that most workers before him had lumped into a single concept of *I. variabilis*, in which he included *I. damnata* and *I. luscitiosa*. It is possible that Fall (1987, 1901) was actually referring to one of the latter two species. However, *I. variabilis* is widespread and known from the coastal habitats of southern California and may well be the correct identification.

Mycetochara Guérin-Méneville, 1827

Nomenclatural Authority: Bousquet et al. (2018)

Digitized Records (genus-only): Santa Catalina (4 SBMNH), Santa Cruz (7 SBMNH)

Notes. Campbell (1978) revised this genus and synonymized many of the previously described species along with providing a reliable key. Three species are recorded from California (Bousquet et al. 2018).

Mycetochara pubipennis LeConte, 1878

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Santa Catalina (Campbell 1978: 936)

Digitized Records: none

Range: Also known from mainland (Campbell 1978).

Notes. Campbell (1978) only saw male specimens from the island and noted that the eyes are slightly smaller than those on the mainland, a character which is traditionally used as part of species diagnoses.

Blaptinae

Notes. Three tribes, 18 genera, and 122 species of Blaptinae are known to occur in California (Bousquet et al. 2018; M Gimmel, unpublished data).

Amphidorini

Notes. Six genera and 89 species of Amphidorini are known to occur in California (Bousquet et al. 2018; M Gimmel, unpublished data). This tribe has seen recent treatments for many constituent species groups but has lacked a thorough revision of the genera and subgenera.

The unpublished dissertation of Johnston (2018) provides keys, diagnoses, and new concepts of genera and subgenera. Since this study has not been published in compliance with the ICZN, the taxonomy follows Bousquet et al. (2018) where most species are included in the large genus *Eleodes*.

Eleodes Eschscholtz, 1829

Nomenclatural Authority: Bousquet et al. 2018

Digitized Records (genus-only): Anacapa (1 LACM), San Clemente (19 LACM; 1 UCMC), San Miguel (38 LACM; 3 SDNHM), San Nicolas (27 LACM), Santa Catalina (1 OSUC; 54 LACM), Santa Cruz (25 LACM; 1 UCSB; 1 YPMC; 1 iNat), Santa Rosa (31 LACM)

Notes. The unpublished dissertation by Johnston (2018) breaks this genus up into multiple genera and it is expected that the nomenclature reported here will soon be outdated. Digitized records identified as *Amphidora* Eschscholtz, 1829, a current subgenus of *Eleodes*, are included in the genus-only records above. This large genus of flightless arid-adapted species is restricted to western North America and has its center of diversity in California with 67 species recorded from the state. A possible fossil of *Eleodes* was reported by Lipps (1964) from a deposit on West Anacapa Island, though it is likely to be a modern contaminant that made its way into the sandy deposit.

Eleodes (*Amphidora*) *littoralis* (Eschscholtz, 1829)

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Santa Catalina (Fall 1897: 238), Santa Cruz (Fall & Davis 1934: 144), Santa Rosa (Fall 1897: 238)

Digitized Records: Anacapa (14 LACM; 1 SBMNH), San Clemente (5 LACM), San Miguel (3 SBMNH), Santa Catalina (2 OSUC; 24 LACM; 26 SBMNH), Santa Cruz (5 SBMNH), Santa Rosa (9 SBMNH)

Range: Also known from mainland (Blaisdell 1909).

Notes. This small, hirsute species is common in leaf litter along the coastal mountain ranges of California.

Eleodes (*Amphidora*) *nigropilosa* (LeConte, 1851)

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Santa Catalina (Straughan & Hadley 1980: 392)

Digitized Records: Santa Catalina (2 LACM; 1 MAJC; 2 OSUC; 6 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (1 SBMNH)

Range: Also known from mainland (Blaisdell 1909; Triplehorn 1996).

Notes. This species is common in coastal habitats in California and Baja California.

Eleodes (*Blapylis*) *clavicornis* Eschscholtz, 1829

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none
Digitized Records: Anacapa (3 LACM)
Range: Also known from mainland (Somerby 1972).
Notes. This relatively small species is known from coastal sand dunes.

Eleodes (*Blapylis*) *inculta* LeConte, 1861
Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: Anacapa (Somerby 1972: 179; Miller 1985: 21), San Miguel (Blaisdell 1918: 384; Spilman 1962: 57; Tanner 1961: 73; Somerby 1972: 179; Miller 1985a: 21), Santa Barbara (LeConte 1861: 352; Miller 1985a: 21; Miller & Miller 1985: 128), Santa Cruz (Blaisdell 1918: 384; Fall & Davis 1934: Tanner 1961: 73; 144; Somerby 1972: 179; Miller 1985a: 21; Naughton et al. 2014: 304), Santa Rosa (Blaisdell 1909: 331; Blaisdell 1918: 384; Blaisdell 1939: 52; Spilman 1962: 57; Somerby 1972: 179; Miller 1985a: 21)
Digitized Records: Anacapa (1 BYUC; 10 LACM; 1 SBMNH), San Miguel (1 BYUC; 3 OSUC; 131 LACM; 2 MAJC; 76 SBMNH), Santa Catalina (2 OSUC; 1 LACM), Santa Cruz (1 BYUC; 2 OSUC; 19 LACM; 10 MAJC; 1 SBMNH; 1 iNat), Santa Rosa (20 LACM; 6 MAJC; 16 SBMNH)
Range: Endemic (LeConte 1861; Blaisdell 1909; Spilman 1962; Somerby 1972).
Notes. Blaisdell (1909) incorrectly documented the type locality as Santa Rosa Island, while LeConte (1861) stated that it was Santa Barbara Island. Somerby (1972) and Miller & Miller (1985) suggested that the type may have been mislabeled and was actually from Santa Cruz Island. The subspecies *E. inculta affinis* Blaisdell, 1918 was reported from Santa Cruz and San Miguel islands by Blaisdell (1918) and later synonymized by Miller (1985a) following the unpublished thesis of Somerby (1972). A single record of the species *Eleodes cordata* Eschscholtz, 1829 from Santa Cruz Island in the BYUC is here considered to almost certainly represent *E. inculta*. *Eleodes cordata* is otherwise not known from southern California.

Eleodes (*Blapylis*) *scabripennis* LeConte, 1859
Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: Santa Barbara (Fall 1897: 238; Fall 1901: 168), Santa Rosa (Fall 1897: 238; Fall 1901: 168)
Digitized Records: none
Range: Also known from mainland (Somerby 1972).
Notes. This species was described from Fort Tejon, Kern County, California. The female holotype has a comparatively small pronotum but is quite similar to *Eleodes* (*Blapylis*) *consobrina* LeConte, 1851 (LeConte 1861; Blaisdell 1909). It may be that *E. scabripennis* is simply a synonym of *E. consobrina*, but it does superficially resemble *E. inculta* quite closely. The above records are almost certainly from Fall examining

LeConte's material, and applying this name to *E. inculta*. However, until the genus is revised, these records cannot be fully discounted.

Eleodes (*Blapylis*) *subvestita* (Blaisdell, 1939)

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: San Nicolas (Blaisdell 1939: 55; Cockerell 1939: 317; Cockerell 1940: 284; Steele 1979: 30; Spilman 1962: 57; Somerby 1972: 180; Miller 1985a: 21)

Digitized Records: San Nicolas (26 LACM; 1 SBMNH)

Range: Endemic (Blaisdell 1939; Spilman 1962; Somerby 1972).

Notes. The original description was apparently made using a combination of this actual Channel Island endemic *Eleodes* and a genitalic dissection belonging to a specimen of another subfamily, and thus was placed into a new monotypic genus and subfamily, before the error was discovered and the species placed correctly into the genus *Eleodes* subgenus *Blapylis* Horn, 1870 (Spilman 1962). Accordingly, Blaisdell (1939), Cockerell (1939, 1940), and Steele (1979) reported the original combination of *Eleodopsis subvestita* Blaisdell, 1939.

Eleodes (*Cratidus*) *osculans* (LeConte, 1851)

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Santa Cruz (LeConte 1876: 299; Fall 1897: 238; Fall & Davis 1934: 144), Santa Rosa (Fall 1897: 238)

Digitized Records: San Miguel (2 SBMNH), Santa Catalina (5 SBMNH; 2 iNat), Santa Cruz (1 LACM), Santa Rosa (2 SBMNH)

Range: Also known from mainland (Blaisdell 1909; Triplehorn 1996).

Notes. This somewhat charismatic beetle is abundant in southern California. LeConte (1876), Fall (1897), and Fall & Davis (1934) recorded this species as *Cratidus osculans*.

Eleodes (*Eleodes*) *acuticauda* LeConte, 1851

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Anacapa (Blaisdell 1921: 219; Cockerell 1940: 284; Miller 1985a: 21), San Clemente (Blaisdell 1909: 283; Blaisdell 1921: 219; Doyen 1974: 87; Miller 1985a: 21), San Miguel (Blaisdell 1921: 219; Cockerell 1940: 284; Miller 1985a: 21), San Nicolas (Blaisdell 1921: 219; Cockerell 1940: 284; Tanner 1961: 73; Triplehorn, Thomas & Smith 2015: 161), Santa Barbara (Blaisdell 1921: 219; Cockerell 1940: 284; Miller 1985a: 21; Miller & Miller 1985: 128), Santa Cruz (Miller 1985a: 21), Santa Rosa (Miller 1985a: 21)

Digitized Records: Anacapa (3 LACM; 3 SBMNH), San Clemente (5 LACM; 6 MAJC; 5 SBMNH; 13 SDNHM), San Miguel (10 LACM; 19 SBMNH), San Nicolas (36 LACM; 24 SBMNH), Santa Barbara (16 LACM), Santa Catalina (5 SBMNH), Santa Cruz (7 LACM; 3 MAJC; 2 SBMNH), Santa Rosa (1 LACM; 17 SBMNH)

Range: Also known from mainland (Triplehorn, Thomas & Smith 2015).
Notes. The recent revision by Triplehorn, Thomas & Smith (2015) only mentioned records from San Nicolas Island, but did not give specimen locality data other than types for any of the taxa in the revision; the accompanying distribution map shows a record for San Nicolas and no other islands. This species is abundant in southern California and is difficult to separate from *E. dentipes* in the vicinity of the city of Santa Barbara; see the remarks under that species. The name *Eleodes laticollis* LeConte, 1851 was first synonymized with *E. acuticauda* by Horn (1870) but subsequently used as a subspecies in the island records of Blaisdell (1909) and Doyen (1974). The subspecies *E. laticollis apprima* Blaisdell, 1921 was erected for the Channel Islands populations and used by Blaisdell (1921), Cockerell (1940), Tanner (1961), and Miller (1985a) before it was synonymized with *E. acuticauda* by Triplehorn (1996).

Eleodes (*Eleodes*) *dentipes* Eschscholtz, 1829
Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: Anacapa (Triplehorn, Thomas & Smith 2015: 165 [map]), San Clemente (Fall 1897: 238), San Nicolas (Fall 1897: 238), Santa Cruz (Fall & Davis 1934: 144), Santa Rosa (Fall 1897: 238)
Digitized Records: none
Range: Also known from mainland (Triplehorn, Thomas & Smith 2015).
Notes. The recent revision of Triplehorn, Thomas & Smith (2015) gave no specimen locality data for this or any other treated taxa. However, their accompanying distribution map has a mark on Anacapa Island. This species and *E. acuticauda* are quite similar and can be difficult to distinguish in the region of Santa Barbara County where the two species distributions meet. These two species and island populations along with the mainland populations need to be carefully considered. The two species are distinguished by *E. acuticauda* having a much more transverse and strongly rounded pronotum than *E. dentipes* which reliably separates most species from the northern Central Valley and Bay Area of California from those around San Diego and Los Angeles. These literature records presumably overlap with the digitized records of *E. acuticauda*, but the species are retained as separate since the last revision (Triplehorn, Thomas & Smith 2015) indicated that both species are known from the Channel Islands.

Eleodes (*Melaneleodes*) *carbonaria* (Say, 1824)
Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 167; Blaisdell 1909: 75; Cockerell 1940: 284; Tanner 1961: 69)
Digitized Records: San Clemente (1 LACM), Santa Catalina (1 LACM; 8 SBMNH), Santa Rosa (3 LACM)
Range: Also known from mainland (Triplehorn & Thomas 2012).

Notes. This species has been well documented from Santa Catalina island under several different species names. Originally referred to *Eleodes quadricollis* Eschscholtz, 1829 by Fall (1897, 1901) (only known from around San Francisco as currently circumscribed), Blaisdell (1909) and Tanner (1961) recognized the island population as *Eleodes omissa* forma *catalinae* Blaisdell, 1909, which was later included within the subspecies concept of *Eleodes carbonaria omissa* LeConte, 1858 of Triplehorn & Thomas (2012), which is the only subspecies distributed throughout southern California and Baja California. Cockerell (1940: 284) listed this species twice under the names *E. omissa catalinae* and *E. omissa pygmaea* Blaisdell, 1909, both of which are now considered synonyms of *E. carbonaria omissa* (Triplehorn & Thomas 2012).

Eleodes (*Steneleodes*) *gigantea* Mannerheim, 1843

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none

Digitized Records: San Miguel (43 SBMNH; 4 SDNHM), Santa Rosa (6 LACM; 3 SBMNH)

Range: Also known from mainland (Blaisdell 1909).

Notes. This species, abundant in the coastal ranges, is known from California and Baja California but has never been reported from the Channel Islands in the literature.

Opatrini

Notes. Eleven genera and 31 species of Opatrini are known to occur in California (Bousquet et al. 2018; M Gimmel, unpublished data).

Blapstinus Dejean, 1821

Nomenclatural Authority: Davis (1970), Bousquet et al. (2018)

Literature Records (genus-only): Santa Cruz (Fall & Davis 1934: 144)

Digitized Records (genus-only): San Clemente (1 SBMNH), Santa Catalina (13 LACM), Santa Rosa (9 LACM; 2 SBMNH)

Notes. Fall & Davis (1934) stated that their record was not *Blapstinus rufipes* (= *B. discolor*) or *B. brevicollis*. The unpublished dissertation of Davis (1970) provides keys and treatments for the genus but many specimens in collections are dubiously identified, particularly if done before 1970 (MAJ, personal observation). Fifteen species have been recorded from California (Bousquet et al. 2018).

Blapstinus angustus LeConte, 1851

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none

Digitized Records: San Clemente (1 SDNHM)

Range: Also known from mainland (Bousquet et al. 2018).
Notes. This is the type species of the genus *Mecysmus* Horn, 1870, where it has been included since the genus description until recently, when Lumen et al. (2019b) synonymized it with *Blapstinus*. The species is known from throughout southern California and western Arizona.

Blapstinus brevicollis LeConte, 1851
Nomenclatural Authority: Davis (1970); Bousquet et al. (2018)
Literature Records: Santa Cruz (Davis 1970: 138), Santa Rosa (Fall 1897: 238; in doubt, Davis 1970: 138)
Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (4 SBMNH), Santa Rosa (9 SBMNH)
Range: Also known from mainland (Davis 1970).
Notes. This species is common in southern California and Arizona and has been collected from driftwood (Davis 1970: 136). The thorough yet unpublished dissertation of Davis (1970) clearly indicatef two island records on the distribution map (see his figure 143), and in the material examined lists both “Santa Cruz” and “Santa Rosa Island” as localities from “Los Angeles County, California” which are interpreted as the two island records listed above.

Blapstinus discolor Horn, 1870
Nomenclatural Authority: Davis (1970); Bousquet et al. (2018)
Literature Records: Santa Catalina (Fall 1897: 238; Baker 1905: 59; Davis 1970: 302)
Digitized Records: San Miguel (1 SBMNH), Santa Cruz (10 SBMNH), Santa Rosa (2 SBMNH)
Range: Also known from mainland (Davis 1970).
Notes. This flightless and somewhat variable species is widely distributed throughout the western United States and is a common pest of crops along the southern California coast. Davis (1970) reported this species from “Avalon” (Santa Catalina Island) in the material examined but did not give a distinct island marker on the distribution map (his figure 163). Fall (1897) and Baker (1905) recorded this species as *Blapstinus rufipes* Casey, 1890 which was synonymized with *B. discolor* by Davis (1982).

Conibius LeConte, 1851
Nomenclatural Authority: Bousquet et al. (2018)
Notes. This genus of flightless beetles has two species recorded from California (Bousquet et al. 2018).

Conibius seriatus LeConte, 1851
Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none
Digitized Records: San Clemente (1 SBMNH), Santa Catalina (2 SBMNH), Santa Cruz (2 SBMNH)
Range: Also known from mainland (Bousquet et al. 2018).
Notes. This species can be commonly found under stones or crawling on the ground at night.

Tonibius Casey, 1895

Nomenclatural Authority: Bousquet et al. (2018)
Notes. This genus is monotypic with its single species known from California (Bousquet et al. 2018).

Tonibius sulcatus (LeConte, 1851)

Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: San Clemente (Fall 1897: 238; Fall 1901: 172)
Digitized Records: San Clemente (1 LACM; 3 SBMNH; 8 SDNHM)
Range: Also known from mainland (Bousquet et al. 2018).
Notes. This species is common in arid and coastal habitats in California and Baja California. Fall (1897, 1901) recorded this species as *Notibius sulcatus*, its original combination.

Ulus Horn, 1870

Nomenclatural Authority: Lumen et al. (2019a), Bousquet et al. (2018)
Notes. Two species of *Ulus* are known from California (Lumen et al. 2019a).

Ulus crassus (LeConte, 1851)

Nomenclatural Authority: Lumen et al. (2019a)
Literature Records: Santa Cruz (Fall 1934: 144)
Digitized Records: none
Range: Also known from mainland (Lumen et al. 2019a).
Notes. This species is fairly common throughout southern California but the recent revision of Lumen et al. (2019a) gave no Channel Island records and none have been found in museums. It seems unlikely that Fall (1934) would have confused this genus with anything else, but this record certainly requires verification.

Diaperinae

Notes. Five tribes, 13 genera, and 29 species of Diaperinae have been recorded from California (Bousquet et al. 2018).

Diaperini

Notes. Eight genera and 15 species of Diaperini have been recorded from California (Bousquet et al. 2018).

Platydema Laporte & Brullé, 1831

Nomenclatural Authority: Bousquet et al. (2018)

Notes. Four species of *Platydema* are recorded from California (Bousquet et al. 2018).

Platydema oregonensis LeConte, 1857

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none

Digitized Records: Santa Cruz (4 SBMNH)

Range: Also known from mainland (Bousquet et al. 2018).

Notes. This species is widespread throughout the Pacific coastal region and has been recorded as *Platydema oregonense* since the time of its description until Bousquet et al. (2018) corrected the gender of the genus.

Hypophlaeini

Notes. One genus and six species of Hypophlaeini have been recorded from California (Bousquet et al. 2018).

Corticeus Piller & Mitterpacher, 1783

Nomenclatural Authority: Bousquet et al. (2018)

Notes. Six species of *Corticeus* have been recorded from California (Bousquet et al. 2018). The species were reviewed for North America by Triplehorn (1990).

Corticeus opaculus (LeConte, 1878)

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Santa Cruz (Triplehorn 1990: 294)

Digitized Records: Santa Cruz (1 OSUC)

Range: Also known from mainland (Triplehorn 1990).

Notes. This subcortical species is not uncommon in coastal California habitats.

Phaleriini

Notes. Two genera and six species of Phaleriini have been recorded from California (Bousquet et al. 2018).

Phaleria Latreille, 1802

Nomenclatural Authority: Bousquet et al. (2018)

Notes. This genus inhabits coastal dunes around the world and can be readily found under beach wrack and dead fish. The New World components were revised by Triplehorn & Watrous (1979). A single species is known from California (Bousquet et al. 2018).

Phaleria rotundata LeConte, 1851

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Anacapa (Triplehorn & Watrous 1979: 284), San Nicolas (Triplehorn & Watrous 1979: 286), Santa Catalina (Triplehorn & Watrous 1979: 286), Santa Cruz (Triplehorn & Watrous 1979: 286)

Digitized Records: Anacapa (2 LACM), San Clemente (6 SBMNH), San Nicolas (1 LACM; 3 SBMNH), Santa Catalina (3 SBMNH), Santa Cruz (14 SBMNH), Santa Rosa (8 SBMNH)

Range: Also known from mainland (Triplehorn & Watrous 1979).

Notes. This species has a somewhat restricted range, from northern Baja California through San Francisco, and is the only species of this genus known from the United States Pacific coastline.

Pimeliinae

Notes. Eleven tribes, 41 genera, and 248 species of Pimeliinae are known to occur in California (Bousquet et al. 2018; M Gimmel, unpublished data).

Anepsiini

Notes. Five genera and nine species of Anepsiini have been recorded from California (Bousquet et al. 2018).

Batuliodes Casey, 1907

Nomenclatural Authority: Doyen (1987)

Notes. This genus, and tribe, was thoroughly revised by Doyen (1987) who provided reliable keys to genera and species. Four species of *Batuliodes* are known from California (Doyen 1987).

Batuliodes rotundicollis (LeConte, 1851)

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none

Digitized Records: San Clemente (1 SBMNH)

Range: Also known from mainland (Doyen 1987).

Notes. This small and relatively infrequently collected species was not recorded from the Channel Islands in the revision by Doyen (1987).

Cnemeplatiini

Notes. Two genera and eight species of Cnemeplatiini are known to occur in California (M Gimmel, unpublished data).

Alaudes Horn, 1870

Nomenclatural Authority: Aalbu, Caterino & Smith (2018)

Notes. Individuals of *Alaudes* are the smallest of all known Tenebrionidae from the Channel Islands; they were revised recently by Aalbu, Caterino & Smith (2018). Six species of *Alaudes* are recorded from California (Aalbu, Caterino & Smith 2018).

Alaudes singularis Horn, 1870

Nomenclatural Authority: Aalbu, Caterino & Smith (2018)

Literature Records: San Clemente (Aalbu, Caterino & Smith 2018: 265), San Nicolas (Aalbu, Caterino & Smith 2018: 265)

Digitized Records: San Clemente (2 SBMNH)

Range: Also known from mainland (Aalbu, Caterino & Smith 2018).

Lepidocnemeplatia Bousquet & Bouchard, 2018

Nomenclatural Authority: Bousquet et al. (2018)

Notes. Only a single species of *Lepidocnemeplatia* is known from California (Bousquet et al. 2018).

Lepidocnemeplatia sericea (Horn, 1870)

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none

Digitized Records: Santa Cruz (10 SBMNH)

Range: Also known from mainland (Bousquet et al. 2018).

Notes. This species is widespread in the arid regions of western North America and is particularly prevalent in habitats with sandy substrate.

Coniontini

Notes. Three genera and 63 species of Coniontini have been recorded from California (Bousquet et al. 2018; M Gimmel, unpublished data).

Coelus Eschscholtz, 1829

Nomenclatural Authority: Doyen (1976)
Digitized Records (genus-only): San Clemente (2 SBMNH), Santa Catalina (1 TAMU), Santa Cruz (1 TAMU)
Notes. Doyen (1976) revised *Coelus* and provided a reliable key. Chatzimanolis, Norris & Caterino (2010) explored the historical biogeography and phylogenetic relationships of Channel Island and mainland coastal populations of this genus. Four species are known from California, three of which occur on the islands (Doyen 1976).

Coelus ciliatus Eschscholtz, 1829
Nomenclatural Authority: Doyen (1976), Bousquet et al. (2018)
Literature Records: Anacapa (Doyen 1976: 616)
Digitized Records: San Nicolas (1 CASC), Santa Cruz (1 CASC), Santa Rosa (3 OSUC)
Range: Also known from mainland (Doyen 1976).
Notes. This species is abundant and widely distributed along the mainland Pacific Coast.

Coelus globosus LeConte, 1851
Nomenclatural Authority: Doyen 1976, Bousquet et al. 2018
Literature Records: Anacapa (Doyen 1976: 618), San Miguel (Doyen 1976: 618), San Nicolas (Doyen 1976: 618; Chatzimanolis, Norris & Caterino 2010: 787), Santa Barbara (Doyen 1976: 618), Santa Catalina (Doyen 1976: 618), Santa Cruz (Doyen 1976: 618; Chatzimanolis, Norris & Caterino 2010: 787), Santa Rosa (Doyen 1976: 618)
Digitized Records: Anacapa (7 LACM), San Miguel (1 LACM; 4 SBMNH), San Nicolas (104 LACM; 1 SBMNH), Santa Cruz (2 MAJC; 10 SBMNH; 4 UCMC), Santa Rosa (6 LACM; 3 SBMNH)
Range: Also known from mainland (Doyen 1976).
Notes. This coastal dune-inhabiting species is known from most of California's shoreline including all Channel Islands except San Clemente (Doyen 1976: 618).

Coelus pacificus Fall, 1897
Nomenclatural Authority: Bousquet et al. 2018
Literature Records: Anacapa (Doyen 1976: 623; Miller 1985a: 21), San Clemente (Fall 1897: 238; Fall 1901: 166; Casey 1908: 158; Blaisdell 1919: 321; Doyen 1974: 87; Doyen 1976: 623; Miller 1985a: 21; Chatzimanolis, Norris & Caterino 2010: 787), San Miguel (Blaisdell 1919: 321; Doyen 1976: 623; Miller 1985a: 21; Chatzimanolis, Norris & Caterino 2010: 787), San Nicolas (Fall 1897: 238; Casey 1908: 158; Blaisdell 1919: 321; Doyen 1976: 623; Miller 1985a: 21; Chatzimanolis, Norris & Caterino 2010: 787), Santa Barbara (Fall 1901: 166), Santa Catalina (Miller 1985a: 21; Chatzimanolis, Norris & Caterino 2010: 787), Santa Cruz (Blaisdell 1919: 321; Fall & Davis 1934:144; Doyen 1976: 623; Miller 1985a: 21; Chatzimanolis, Norris & Caterino 2010: 787), Santa Rosa

(Fall 1897: 238; Fall 1901: 166; Blaisdell 1919: 321; Doyen 1976: 623; Miller 1985a: 21; Chatzimanolis, Norris & Caterino 2010: 787)
Digitized Records: San Clemente (292 LACM; 16 SBMNH; 5 SDNHM), San Miguel (39 CASC; 264 LACM; 144 SBMNH), San Nicolas (7 CASC; 103 LACM; 33 SBMNH; 3 iNat), Santa Barbara (5 LACM), Santa Catalina (3 LACM; 14 SBMNH), Santa Cruz (1 OSUC; 59 CASC; 10 LACM; 4 MAJC; 27 SBMNH), Santa Rosa (1 OSUC; 5 CASC; 69 LACM; 18 SBMNH; 1 USNM; 1 iNat)
Range: Endemic (Fall 1897; Doyen 1976).
Notes. A larva and pupa from San Clemente Island were studied by Doyen (1976: 611–612), who also synonymized *Coelus remotus* Fall, 1897 with *C. pacificus*. Unfortunately he merely stated that this species is distributed on the "California Channel Islands" (Doyen 1976: 619) and beyond this only gave type specimen island records and several in the appendix. This species is recorded from all eight Channel Islands. The type locality of *C. pacificus* is San Nicolas Island (Fall 1897). The name *C. remotus*, whose type locality is San Clemente Island, was used for the San Clemente population by Fall (1897, 1901), Casey (1908), Blaisdell (1919), and Doyen (1974).

Coniontis Eschscholtz, 1829

Nomenclatural Authority: Bousquet et al. (2018)
Literature Records (genus-only): Santa Cruz (Fall 1934: 144; Naughton et al. 2014: 304)
Digitized Records (genus-only): San Clemente (1 SDNHM; 4 iNat), San Nicolas (1 SBMNH; 1 iNat), Santa Catalina (15 SBMNH; 2 iNat), Santa Cruz (3 CSUC; 4 SBMNH), Santa Rosa (12 SBMNH; 2 SDNHM)
Notes. *Coniontis* is a problematic genus which requires a comprehensive revision, though one may start with the synonymy established by Doyen (1977), which included no identification resources, in conjunction with voluminous species descriptions provided by Casey (1908), or instead attempt to use the outdated treatment by Horn (1870). It seems clear that there is at least one endemic species (*C. lata* LeConte, 1866) and likely a second (*C. santarosae* Blaisdell, 1921) but the literature records and identified museum specimen records should otherwise all be considered dubious until the genus is revised. Forty-nine currently valid species are recorded from California (Bousquet et al. 2018; M Gimmel, unpublished data).

Coniontis elliptica Casey, 1884

Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 165; Baker 1905: 59; Casey 1908: 88; Doyen 1977: 2), Santa Rosa (Fall 1897: 238)
Digitized Records: none
Range: Also known from mainland (Casey 1908).
Notes. Casey erected the subspecies *C. elliptica catalinae* Casey, 1918 from Santa Catalina Island, which was later synonymized by Doyen (1977).

Coniontis lamentabilis Blaisdell, 1924

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Santa Catalina (Cockerell 1940: 284)

Digitized Records: none

Range: Also known from mainland (Blaisdell 1924b).

Notes. Cockerell (1940: 284) listed this species from Santa Catalina based on the authority of Fall, who apparently concluded that the previous literature records of *C. subpubescens* belonged to this species. Without a synthetic revision or subsequent work explaining these conclusions, we have kept the records of these species distinct from each other.

Coniontis lata LeConte, 1866

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Anacapa (Blaisdell 1921: 211; Miller 1985a: 20), San Clemente (LeConte 1866a: 113; Horn 1870: 298; Casey 1890: 377; Fall 1897: 238; Fall 1901: 165; Casey 1908: 78; Casey 1908: 80; Cockerell 1940: 283; Blaisdell 1921: 211; Doyen 1974: 87; Doyen 1977: 3; Miller 1985a: 20), San Miguel (Blaisdell 1921: 211; Cockerell 1940: 283; Miller 1985a: 20), San Nicolas (Blaisdell 1921: 211), Santa Barbara (Fall 1897: 238; Fall 1901: 165; Blaisdell 1921: 211; Miller 1985a: 20; Miller & Miller 1985: 128), Santa Cruz (Casey 1890: 377; Fall 1897: 238; Fall 1901: 165; Casey 1908: 79; Fall & Davis 1934: 144; Blaisdell 1921: 211; Doyen 1977: 3; Miller 1985a: 20), Santa Rosa (Fall 1897: 238; Fall 1901: 165; Blaisdell 1921: 211; Miller 1985a: 20)

Digitized Records: Anacapa (15 ASUHIC; 30 CASC; 5 LACM; 2 SBMNH), San Clemente (27 CASC; 2 LACM; 1 MAJC), San Miguel (7 CASC; 34 LACM), San Nicolas (6 CASC; 2 LACM; 1 SBMNH), Santa Barbara (1 OSUC; 14 CASC; 50 LACM; 6 SBMNH), Santa Cruz (8 OSUC; 17 CASC; 3 LACM)

Range: Endemic (LeConte 1866a; Fall 1897; Casey 1908; Doyen 1977).

Notes. Originally described from San Clemente (LeConte 1866a) and subsequently found on Santa Cruz and described as a subspecies, this taxon was given its own genus, *Coniontides* Casey, 1908 by Casey (1908), who recognized four species which were subsequently subsumed back under the present species: Blaisdell (1921, who reported this taxon simply as "*Coniontides*" across all the islands) synonymized *Coniontides clementinus* Casey, 1908 (described from San Clemente); Doyen (1977) synonymized *Coniontides finitimus* Casey, 1908 (uncertain type locality, likely Santa Rosa [Casey 1908: 80]) and *Coniontis lata* var. *insularis* Casey, 1890 (described from Santa Cruz); *Coniontides* was synonymized with *Coniontis* by Doyen (1972). Fall (1901) primarily recognized *Coniontis lata* but used *C. lata* var *insularis* for the Santa Cruz population. Fall & Davis (1934) used *Coniontides insularis* for the Santa Cruz and Santa Rosa

populations. Cockerell (1940) variously used the names *Coniontides clementinus* and *Coniontides*.

Coniontis microsticta Casey, 1908
Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: none
Digitized Records: Santa Cruz (5 CASC)
Range: Also known from mainland (Casey 1908).
Notes. The type and only given locality of this species is Alameda County, California (Casey 1908), which makes these determinations dubious but impossible to discount until further revisionary works are undertaken.

Coniontis nemoralis Eschscholtz, 1829
Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: none
Digitized Records: Santa Cruz (5 CASC)
Range: Also known from mainland (Casey 1908; Bousquet et al. 2018)
Notes. This species was described and reported from the vicinity of San Francisco and is currently separated into two putative subspecies from California and Oregon (Bousquet et al. 2018). The determinations of these specimens are dubious but impossible to discount until further revisionary works are undertaken.

Coniontis santarosae Blaisdell, 1921
Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: San Miguel (Blaisdell 1921: 210; Cockerell 1940: 284; Miller 1985a: 20), Santa Cruz (Cockerell 1940: 284), Santa Rosa (Blaisdell 1921: 210; Cockerell 1940: 284; Miller 1985a: 20)
Digitized Records: San Miguel (2 CASC), Santa Cruz (3 CASC), Santa Rosa (75 CASC)
Range: Endemic (Blaisdell 1921).
Notes. Blaisdell (1921) reported that this species clearly belonged to a different species group than *C. lata* as defined by Casey (1908). Though these two taxa are likely distinct from each other and are both putative island endemics, their status in relation to the mainland species remains to be critically examined.

Coniontis subpubescens LeConte, 1851
Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: Santa Catalina (Fall 1897: 238), Santa Cruz (LeConte 1876: 299; Fall 1897: 238; Fall & Davis 1934: 144)
Digitized Records: none
Range: Also known from mainland (Bousquet et al. 2018).

Notes. Cockerell (1940: 284) stated on the authority of Fall that the previous reports of this species should in fact refer to *C. lamentabilis*; this identification correction has not been seen in any other published works or museum records.

Coniontis viatica Eschscholtz, 1829

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Santa Cruz (LeConte 1876: 299; Fall 1897: 238; Fall & Davis 1934: 144)

Digitized Records: none

Range: Also known from mainland.

Eusattus LeConte, 1851

Nomenclatural Authority: Bousquet et al. (2018)

Notes. This genus was thoroughly revised by Doyen (1984) who provided reliable keys and distribution information. Ten species are reported from California (Bousquet et al. 2018).

Eusattus difficilis LeConte, 1851

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: San Clemente (Doyen 1984: 97).

Digitized Records: none

Range: Also known from mainland (Doyen 1984).

Notes. This island record is taken from a distinct marker on a range map, though no further specimen data are given for this or any other distribution points on the map within the main text. This species is broadly distributed on coastal and mainland southern California.

Eusattus politus Horn, 1883

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: San Miguel (Blaisdell 1921: 215; Cockerell 1940: 283; Doyen 1984: 93; Miller 1985a: 21), Santa Cruz (Doyen 1984: 93), Santa Rosa (Fall 1897: 238; Fall 1901: 166, Blaisdell 1921: 215; Doyen 1984: 93; Miller 1985a: 21)

Digitized Records: San Miguel (6 LACM; 20 SBMNH), Santa Rosa (1 LACM; 5 SBMNH)

Range: Endemic (Doyen 1984).

Notes. This species was described from “Santa Barbara California” (Horn 1883: 304) but no other specimens have ever been reported, definitively or putatively, from the mainland (Doyen 1984). *Eusattus vanduzeei* Blaisdell, 1921 (type locality: Prince Island off San Miguel Island) was synonymized by Doyen (1984). Two subspecies were recognized in the last revision by Doyen (1984) which can be separated by the size of the punctures on the head and pronotal disc. *Eusattus politus politus* Horn, 1883 is known from San

Miguel, Prince, and Santa Rosa islands, while *E. politus cruzensis* Doyen, 1984 is known from Santa Cruz Island. The record from Santa Barbara Island by Fall (1901: 166) is problematic and here discounted. It likely resulted from Horn's original type locality, but the species was not reported from Santa Barbara Island by either Doyen (1984) or Miller & Miller (1985). The populations from San Miguel and Santa Rosa islands were reported as *E. vanduzeei* by Blaisdell (1921) and Cockerell (1940).

Eusattus robustus LeConte, 1866

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: San Clemente (LeConte 1866a: 112; Horn 1870: 293; Fall 1897: 238; Fall 1901: 166; Casey 1908: 59; Doyen 1974: 87; Doyen 1977: 6; Doyen 1984: 95; Miller 1985a: 21), San Nicolas (Doyen 1984: 95)

Digitized Records: San Clemente (1 BYUC; 1 OSUC; 36 LACM; 9 MAJC; 14 SBMNH; 2 SDNHM; 2 iNat), San Miguel (1 LACM), San Nicolas (13 LACM; 1 SBMNH), Santa Barbara (1 LACM), Santa Rosa (1 LACM)

Range: Endemic (LeConte 1866; Fall 1897; Doyen 1977).

Notes. Casey (1908) considered this species to form a distinct genus, *Nesostes* Casey, 1908, and recognized a subspecies, *E. robustus postremus* Casey, 1908, from a single specimen also from San Clemente Island. Triplehorn (1968) synonymized *Nesostes* under *Eusattus*, and Doyen (1977) synonymized the subspecies. Doyen (1984: 95) commented on what he believed were mislabeled specimens in the LACM from Santa Barbara, San Miguel, Anacapa, and Santa Rosa islands.

Edrotini

Notes. Fifteen genera and 78 species of Edrotini are known to occur in California (Bousquet et al. 2018; M Gimmel, unpublished data). This tribe experienced a manyfold increase in described species from Casey (1907), and groups that have not been revised subsequently have proved intractable for reliable identifications since. *Crypadius* was revised by Thomas (1985). *Metoponium* and *Hylocrinus* are in need of a revision consisting primarily of synonymy (Johnston et al., in prep).

Cryptadius LeConte, 1851

Nomenclatural Authority: Bousquet et al. (2018)

Notes. This genus inhabits coastal dunes and is distributed from the Channel Islands region south along the Baja California peninsula and coasts of the Gulf of California. The genus was revised by Thomas (1985), who provided distributions and a reliable key to species. One species is known from California (Bousquet et al. 2018).

Cryptadius inflatus LeConte, 1852

Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: Santa Cruz (Straughan & Hadley 1980: 392; Thomas 1985: 197)
Digitized Records: Santa Cruz (1 MAJC; 14 SBMNH), Santa Rosa (4 SBMNH)
Range: Also known from mainland (Thomas 1985).
Notes. All *Cryptadius* known from the United States, including the Channel Islands, belong to the nominate subspecies, *C. inflatus inflatus* LeConte, 1852.

Hylocrinus Casey, 1907

Nomenclatural Authority: Bousquet et al. (2018); Johnston et al. (in prep)
Notes. This genus is in great need of revision and seemingly many synonymies for the United States fauna, which was last treated by Casey (1907). Seven putative species are known from California (Bousquet et al. 2018)

Hylocrinus longulus (LeConte, 1851)

Nomenclatural Authority: Bousquet et al. (2018); Johnston et al. (in prep)
Literature Records: none
Digitized Records: San Nicolas (1 SBMNH)
Range: Also known from mainland (Casey 1907; MAJ, personal data).
Notes. This is one of two species recognized by Johnston et al. (in prep) that are fairly widespread throughout southern California. The single known specimen from San Nicolas is from a reliable collecting event and shows no observable difference from the mainland population.

Metoponium Casey, 1907

Nomenclatural Authority: Bousquet et al. (2018)
Digitized Records (genus-only): San Clemente (1 LACM; 2 SBMNH), Santa Catalina (10 LACM; 23 SBMNH)
Notes. This genus, like the others in this tribe, requires extensive revision. It is highly probable that it only represents a small handful of valid species and is likely itself a synonym of the genus *Eurymetopon* Eschscholtz, 1829 (MAJ, personal observation). Literature and digitized records to the level of species are dubious until a proper revision can be undertaken. Twenty nominal species are currently known from California (Bousquet et al. 2018; M Gimmel, unpublished data)

Metoponium convexicolle (LeConte, 1851)

Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: Santa Catalina (Fall 1897: 238; Baker 1905: 59)
Digitized Records: none
Range: Also known from mainland (LeConte 1851; Bousquet et al. 2018).

Notes. The literature records for this species were under the name *Eurymetopon convexicolle*, its original combination.

Metoponium insulare Casey, 1908
Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: Santa Catalina (Casey 1907: 308; Miller 1985a: 21)
Digitized Records: Santa Catalina (1 USNM)
Range: Endemic (Casey 1907).
Notes. The validity of this species is dubious (MAJ, personal observation).

Telabis Casey, 1890
Nomenclatural Authority: Bousquet et al. (2018)
Notes. This genus is in great need of revision and many synonymies (MAJ, personal observation). Six currently valid species are recorded from California (Bousquet et al. 2018; M Gimmel, unpublished data).

Telabis serratus (LeConte, 1866)
Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: none
Digitized Records: Santa Catalina (1 LACM)
Range: Also known from mainland (Horn 1870).
Notes. This species is widespread across southern California and is common in sandy habitats.

Nyctoporini

Notes. One genus and five species of Nyctoporini have been recorded from California (Bousquet et al. 2018).

Nyctoporis Eschscholtz, 1829
Nomenclatural Authority: Bousquet et al. (2018)
Digitized Records (genus-only): Anacapa (6 LACM), San Miguel (3 LACM), Santa Catalina (5 LACM), Santa Cruz (5 LACM)
Notes. The catalog of Bousquet et al. (2018) included a number of synonymies for this genus which at present comprises four valid species, but there is no key or modern treatment to identify these taxa. This genus is restricted to California, with all five of its species known from the state (Bousquet et al. 2018).

Nyctoporis carinata LeConte, 1851
Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: San Miguel (Caterino, Chatzimanolis & Richmond 2015: 278), Santa Catalina (Fall 1897: 238; Baker 1905: 59; Caterino, Chatzimanolis & Richmond 2015: 278), Santa Cruz (Fall & Davis 1934: 144; Polihronakis & Caterino 2010a: 426; Caterino, Chatzimanolis & Richmond 2015: 278), Santa Rosa (Caterino, Chatzimanolis & Richmond 2015: 278)
Digitized Records: Anacapa (2 SBMNH), San Miguel (1 LACM; 7 SBMNH), Santa Catalina (1 BYUC; 13 SBMNH; 1 iNat), Santa Cruz (8 LACM; 12 SBMNH; 5 TAMU), Santa Rosa (16 SBMNH)
Range: Also known from mainland (Caterino, Chatzimanolis & Richmond 2015).
Notes. Polihronakis & Caterino (2010a) showed that this species has a high degree of genetic distance in mitochondrial loci between mainland populations, which seem to be the same species as the populations on the islands. Caterino, Chatzimanolis & Richmond (2015) provided a detailed molecular phylogeographic analysis of this and several other beetle species for the California Channel Islands. It seems clear that the island populations and those of southern mainland California are the same species, but the species boundaries become more uncertain in the northern half of the state (MAJ, personal observation).

Stenochiinae

Notes. Four genera and 15 species of Stenochiinae, all belonging to the tribe Cnodalonini, have been recorded from California (Bousquet et al. 2018).

Cibdelis Mannerheim, 1843

Nomenclatural Authority: Bousquet et al. (2018)
Notes. This genus is only known from California and needs a modern revision. All five currently valid species are recorded from California (Bousquet et al. 2018).

Cibdelis bachei LeConte, 1861

Nomenclatural Authority: Bousquet et al. (2018)
Literature Records: San Clemente (Horn 1870: 341; Fall 1901: 170), Santa Barbara (LeConte 1861: 353; Fall 1897: 238; Fall 1901: 170; Miller 1985a: 20; Miller & Miller 1985: 128), Santa Catalina (Fall 1901: 170; Miller 1985a: 20), Santa Cruz (Miller 1985a: 20)
Digitized Records: Santa Catalina (9 LACM; 2 MAJC; 5 SBMNH), Santa Cruz (4 MAJC; 18 SBMNH), Santa Rosa (8 SBMNH)
Range: Endemic (LeConte 1861).
Notes. Miller & Miller (1985) suggested that the published type locality of Santa Barbara Island may be due to mislabeling and that the type might actually be from Santa Cruz Island. No other records are known from Santa Barbara Island, so this seems plausible.

Coelocnemis Mannerheim, 1843

Nomenclatural Authority: Bousquet et al. (2018)

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).

Coelocnemis magna LeConte, 1851

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Santa Catalina (Doyen 1973: 90)

Digitized Records: Santa Catalina (9 LACM; 1 SBMNH)

Range: Also known from mainland (Doyen 1973).

Notes. This species is relatively abundant in coastal habitats of southern California and can most frequently be found under bark and on dead logs.

Tenebrioninae

Notes. Thirteen tribes, 25 genera, and 72 species of Tenebrioninae are known to occur in California (Bousquet et al. 2018; M Gimmel, unpublished data).

Apocryphini

Notes. One genus and three species of Apocryphini have been recorded from California (Bousquet et al. 2018).

Apocrypha Eschscholtz, 1831

Nomenclatural Authority: Bousquet et al. (2018)

Notes. This genus putatively has species in both North America and South America. There are three species in North America, all of which are recorded from and restricted to California (Doyen & Kitayama 1980).

Apocrypha anthicoides Eschscholtz, 1831

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none

Digitized Records: Anacapa (5 SBMNH), Santa Cruz (3 SBMNH)

Range: Also known from mainland (Doyen & Kitayama 1980).

Notes. This species is widespread along coastal California, but was not recorded from the islands in the last review of the genus (Doyen & Kitayama 1980).

Eulabini

Notes. Three genera and eight species of Eulabini have been recorded from California (Bousquet et al. 2018).

Apsena LeConte, 1851

Nomenclatural Authority: Bousquet et al. (2018)

Notes. This genus was revised by Blaisdell (1932), who provided keys and species treatments. Determinations made since then seem fairly dubious and there is likely some synonymy that needs to be made within this group (MAJ, personal observation). Six species are reported from California (Bousquet et al. 2018).

Apsena barbarae Blaisdell, 1932

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Santa Catalina (Blaisdell 1932: 63), Santa Cruz (Fall & Davis 1934: 144)

Digitized Records: none

Range: Also known from mainland (Blaisdell 1932).

Notes. Blaisdell (1932) described this species in the "*pubescens*-group" with a type locality of Santa Barbara. Subsequently identified material may have been determined as *Apsena pubescens* (LeConte, 1851), listed below.

Apsena grossa (LeConte, 1866)

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: San Clemente (LeConte 1866a: 118, Horn 1870: 324; Fall 1897: 238; Fall 1901: 168; Blaisdell 1932: 75; Doyen 1974: 87; Miller 1985a: 20), San Nicolas (Fall 1901: 169; Blaisdell 1932: 75; Miller 1985a: 20), Santa Barbara (Fall 1901: 169; Blaisdell 1932: 75; Miller 1985a: 20; Miller & Miller 1985: 128), Santa Catalina (Blaisdell 1932: 75; Miller 1985a: 20)

Digitized Records: Anacapa (8 LACM), San Clemente (74 LACM; 2 MAJC; 15 SBMNH; 13 SDNHM), San Nicolas (103 LACM; 16 SBMNH), Santa Barbara (130 LACM; 2 MAJC; 17 SBMNH), Santa Catalina (13 LACM), Santa Rosa (4 LACM)

Range: Endemic (LeConte 1866a; Fall 1897; Blaisdell 1932).

Notes. This is the largest species of the genus and is immediately recognizable by its rotund form. Blaisdell (1932) included this species in the "*pubescens*-group". It has only been recorded from the Channel Islands and was listed as its original combination *Eulabis grossa* by LeConte (1866a), Horn (1870), and Fall (1897, 1901).

Apsena pubescens (LeConte, 1851)

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Santa Catalina (Fall 1897: 238; Baker 1905: 57; Blaisdell 1932: 55)

Digitized Records: San Clemente (1 LACM), Santa Catalina (1 LACM; 13 SBMNH), Santa Cruz (3 LACM; 14 SBMNH), Santa Rosa (1 SBMNH)

Range: Also known from mainland (Blaisdell 1932).

Notes. Blaisdell (1932) largely separated this species, namesake of the "*pubescens*-group" and type of the genus, from *A. barbarae* by means of more attenuate males and difference in setal length. All island records of these two taxa will need to be critically examined as part of a revision of this genus.

Apsena rufipes (Eschscholtz, 1829)

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none

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

Range: Also known from mainland (Blaisdell 1932).

Notes. Blaisdell (1932) placed this species in its own species group, the "*rufipes*-group", but provided no island records. The single specimen from CSUC is determined as "*Eulabis rufipes*".

Epantius LeConte, 1851

Nomenclatural Authority: Bousquet et al. (2018)

Notes. This is a monotypic genus with its single species known from California (Bousquet et al. 2018).

Epantius obscurus LeConte, 1851

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: Anacapa (Blaisdell 1943: 238), San Nicolas (Blaisdell 1932: 94; Blaisdell 1943: 238), Santa Cruz (Blaisdell 1932: 94; Blaisdell 1943: 238), Santa Rosa (Fall 1897: 238; Blaisdell 1943: 238)

Digitized Records: Anacapa (41 LACM), San Clemente (2 LACM; 4 SBMNH), San Miguel (2 LACM; 46 SBMNH; 1 SDNHM), San Nicolas (95 LACM; 7 SBMNH), Santa Catalina (4 SBMNH), Santa Cruz (98 LACM; 33 SBMNH), Santa Rosa (1 LACM; 5 SBMNH)

Range: Also known from mainland (Blaisdell 1932).

Notes. This species is common along the California shoreline and can be found under wrack and dune vegetation near and above the high-tide line. Fall (1897) recorded this species as *Eulabis obscura*.

Helopini

Notes. Two genera and 25 species of Helopini are known to occur in California (Bousquet et al. 2018; M Gimmel, unpublished data).

Helops Fabricius, 1775

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records (genus-only): Santa Barbara (Miller & Miller 1985: 128), Santa Catalina (Fall 1897: 238)

Digitized Records (genus-only): San Clemente (6 SDNHM)

Notes. This genus, as currently circumscribed, is worldwide and the New World species are in great need of revision, all likely not being congeneric with the European type species. The *Helops* fauna of the western United States is particularly in need of revision, and both literature and digitized records should be reviewed. The most reliable key is that of Horn (1870). Miller & Miller (1985) referred to a species of *Helops* other than *H. bachei* LeConte, 1861 from Santa Barbara Island on the authority of T.J. Spilman. There are 23 species known to occur in California (Bousquet et al. 2018; M Gimmel, unpublished data).

Helops bachei LeConte, 1861

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: San Clemente (Doyen 1974: 87), Santa Barbara (LeConte 1861: 353; Horn 1870: 396; Fall 1897: 238; Fall 1901: 175; Miller & Miller 1985: 128)

Digitized Records: Anacapa (1 LACM), San Clemente (9 LACM; 1 SBMNH), San Miguel (5 SBMNH), San Nicolas (13 LACM; 9 SBMNH), Santa Barbara (3 LACM), Santa Catalina (3 LACM; 15 SBMNH), Santa Cruz (1 CSUC; 1 MAJC; 3 SBMNH), Santa Rosa (1 LACM; 20 SBMNH)

Range: Endemic (LeConte 1861; Fall 1901); also known from mainland (Horn 1870; Fall 1901).

Notes. Fall (1901: 175) reported this species from the mainland but perhaps the “true form” is only found on the “Santa Barbara Islands”. This species is very similar to the mainland species *Helops rugicollis* LeConte, 1866, but most noticeably differs by having rounded tubercles on the elytra. This complex and all the island records need to be closely examined. Whether this is an island endemic species is hard to know and is debatable according to the literature.

Helops blaisdelli Casey, 1891

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: San Nicolas (Cockerell 1940: 284)

Digitized Records: none

Range: Also known from mainland (Casey 1891).

Notes. This identification by Cockerell (1940: 284) is somewhat dubious. Casey (1891) described this species from San Diego and likened it to *H. bachei*. It is possible this taxon corresponds to the mainland populations of the latter species reported by Horn (1870), or it could be a valid species and, the Cockerell (1940) record notwithstanding, validates *H. bachei* as a true island endemic with a mainland sister species. Until this genus is revised, this record cannot be fully discounted for the Channel Islands.

Helops rugicollis LeConte, 1866

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none

Digitized Records: Santa Catalina (2 SBMNH)

Range: Also known from mainland (Horn 1870).

Notes. See discussion on two species above; this taxon is dubious for the islands but is in an unrevised species complex with the other two species recorded from the Channel Islands. The true identity and number of species on the Channel Islands requires revision.

Triboliini

Notes. Five genera and 13 species of Triboliini are known to occur in California (Bousquet et al. 2018; M Gimmel, unpublished data).

Tribolium MacLeay, 1825

Nomenclatural Authority: Bousquet et al. (2018)

Notes. This genus contains several cosmopolitan species that are strongly synanthropic. Six species are recorded from California (Bousquet et al. 2018; M Gimmel, unpublished data)

Tribolium castaneum (Herbst, 1797)

Nomenclatural Authority: Bousquet et al. (2018)

Literature Records: none

Digitized Records: Santa Catalina (1 BYUC)

Range: Also known from mainland (Bousquet et al. 2018).

Notes. This species, commonly referred to as the red flour beetle, is synanthropic and found throughout California wherever people live.

Zopheridae

Notes. Two subfamilies, 18 genera, and 42 species of Zopheridae have been recorded from California (M Gimmel, unpublished data).

Colydiinae

Notes. Three tribes, 12 genera, and 28 species of Colydiinae have been recorded from California (M Gimmel, unpublished data). The North American species of the subfamily were treated by Stephan (1989); Ivie et al. (2016) provided an overview and key to the New World genera, as well as a checklist of New World species.

Rhagoderini

Notes. One genus and three species of Rhagoderini have been recorded from California (Stephan 1989; Krinsky 2015).

Rhagodera Mannerheim, 1843

Nomenclatural Authority: Stephan (1989)

Notes. Three species of *Rhagodera* have been recorded from California (Stephan 1989; Krinsky 2015).

Rhagodera costaefragmenta Krinsky, 2015

Nomenclatural Authority: Ivie et al. (2016)

Literature Records: San Clemente (Krinsky 2015: 294)

Digitized Records: none

Range: Endemic (Kritsky 2015).

Notes. This species was described from five specimens collected on San Clemente Island which are reportedly deposited in the YPMC (Kritsky 2015).

Rhagodera interrupta Stephan, 1989

Nomenclatural Authority: Ivie et al. (2016)

Literature Records: San Nicolas (Krinsky 2015: 293)

Digitized Records: San Nicolas (6 SBMNH)

Range: Unknown.

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” (Stephan 1989). No other localities have been recorded in print or in digitized specimen data besides the island record given here.

Rhagodera tuberculata (Mannerheim, 1843)

Nomenclatural Authority: Ivie et al. (2016)

Literature Records: San Clemente (Miller & Miller 1985: 127), Santa Barbara (Miller & Miller 1985: 127; Krinsky 2015: 293), Santa Cruz (Krinsky 2015: 293)

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (Stephan 1989).

Notes. This is one of the more widespread and commonly collected species of this genus, with most of its known specimens originating from Los Angeles County, California (Stephan 1989).

Synchitini

Notes. Nine genera and 22 species of Synchitini have been recorded from California (Stephan 1989; M Gimmel, unpublished data).

Lasconotus Erichson, 1845

Nomenclatural Authority: Stephan (1989)

Notes. Twelve species of *Lasconotus* have been recorded from California (Stephan 1989).

Lasconotus linearis Crotch, 1974

Nomenclatural Authority: Ivie et al. (2016)

Literature Records: none

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

Range: Also known from mainland (Crotch 1974).

Megataphrus Casey, 1890

Nomenclatural Authority: Stephan (1989)

Notes. One species of *Megataphrus* has been recorded from California (Stephan 1989).

Megataphrus tenuicornis Casey, 1890

Nomenclatural Authority: Ivie et al. (2016)

Literature Records: none

Digitized Records: Santa Rosa (16 SBMNH)

Range: Also known from mainland (Stephan 1989).

Synchita Hellwig, 1792

Nomenclatural Authority: Stephan (1989)

Notes. One species of *Synchita* has been recorded from California (Stephan 1989).

Synchita lecontei Ivie, Lord, Foley, & Slipinski, 2016

Nomenclatural Authority: Ivie et al. (2016)

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH)

Range: Also known from mainland (Stephan 1989).

Notes. This species was known as *Microsicus variegatus* (LeConte, 1858) in Stephan (1989).

Zopherinae: Zopherini

Notes. Four tribes, six genera, and 14 species of Zopherinae, of which two genera and seven species belong to Zopherini, have been recorded from California (M Gimmel, unpublished data).

Phloeodes LeConte, 1862

Nomenclatural Authority: Foley & Ivie (2008)

Notes. Two species of *Phloeodes* have been recorded from California (Foley & Ivie 2008). The species of this genus were revised by Foley & Ivie (2008).

Phloeodes diabolicus (LeConte, 1851)

Nomenclatural Authority: Foley & Ivie (2008)

Literature Records: Santa Cruz (LeConte 1876: 299; Fall 1897: 238; Fall & Davis 1934: 144)

Digitized Records: none

Range: Also known from mainland (Foley & Ivie 2008; Polihronakis & Caterino 2010b).

Notes. No island records were given by Foley & Ivie (2008) or Polihronakis & Caterino (2010b). The literature records of this species are curious. This is a large and charismatic species which is readily separable from its congener *Phloeodes plicatus* (LeConte, 1859). We presume that LeConte (1876) and those that followed merely recorded the wrong species name, but these authors were familiar with these two species so it may yet prove to be a valid record.

Phloeodes plicatus (LeConte, 1859)

Nomenclatural Authority: Foley & Ivie (2008)

Literature Records: Santa Catalina (Polihronakis & Caterino 2010b: 3), Santa Cruz (Foley & Ivie 2008: 46)

Digitized Records: Santa Catalina (5 SBMNH), Santa Cruz (2 OSUC; 7 SBMNH)

Range: Also known from mainland (Foley & Ivie 2008; Polihronakis & Caterino 2010b).

Notes. We have examined specimens of this species and are confident of its occurrence on the islands, but see comments under *P. diabolicus*.

COCCINELLOIDEA

Akalyptoischiidae

Notes. One genus and 17 species of Akalyptoischiidae have been recorded from California (Hartley et al. 2008).

Akalyptoischion Andrews, 1976

Nomenclatural Authority: Hartley, McHugh & Andrews (2008)

Notes. Seventeen species of *Akalyptoischion* have been recorded from California (Hartley, McHugh & Andrews 2008). This genus was revised by Hartley, McHugh & Andrews (2008).

Akalyptoischion heterotrichos Hartley, McHugh & Andrews, 2008

Nomenclatural Authority: Hartley, McHugh & Andrews (2008)

Literature Records: none

Digitized Records: Santa Catalina (1 SBMNH)

Range: Also known from mainland (Hartley, McHugh & Andrews 2008).

Akalyptoischion hormathos Andrews, 1976

Nomenclatural Authority: Hartley, McHugh & Andrews (2008)

Literature Records: Santa Barbara (Andrews 1976a: 9; Miller & Miller 1985: 127; Hartley, McHugh & Andrews 2008: 37)

Digitized Records: San Clemente (19 SBMNH), Santa Catalina (14 SBMNH), Santa Cruz (15 SBMNH), Santa Rosa (30 SBMNH)

Range: Also known from mainland (Andrews 1976a; Hartley, McHugh & Andrews 2008).

Cerylonidae, NEW FAMILY RECORD

Notes. Three genera and four species of Cerylonidae have been recorded from California (Hartley et al. 2008).

Cerylon Latreille, 1802

Nomenclatural Authority: Lawrence & Stephan (1975)

Notes. The genus *Cerylon* contains two species recorded from California (Lawrence & Stephan 1975). These were keyed by Lawrence & Stephan (1975).

Cerylon unicolor (Ziegler, 1845)

Nomenclatural Authority: Lawrence & Stephan (1975)

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH)

Range: Also known from mainland (Lawrence & Stephan 1975).

Coccinellidae

Notes. The known North American species of Coccinellidae were fully treated by Gordon (1985), with additions to the introduced fauna by Gordon & Vandenberg (1991). Two subfamilies, forty-two genera, and 175 species are known from California (M Gimmel, unpublished data).

Coccinellinae

Notes. Eight tribes, 38 genera, and 164 species of Coccinellinae have been recorded from California (Gordon 1985; M Gimmel, unpublished data).

Cephaloscymnini

Notes. One genus and species of Cephaloscymnini has been recorded from California (Gordon 1985).

Cephaloscymnus Crotch, 1873

Nomenclatural Authority: Gordon (1985)

Notes. One species of *Cephaloscymnus* is recorded from California (Gordon 1985).

Cephaloscymnus occidentalis Horn, 1895

Nomenclatural Authority: Gordon (1985)

Literature Records: Santa Catalina (Fall 1897: 237; Fall 1901: 87)

Digitized Records: none

Range: Also known from mainland (Fall 1901; Gordon 1985).

Chilocorini

Notes. Five genera and 17 species of Chilocorini have been recorded from California (Gordon 1985).

Axion Mulsant, 1850

Nomenclatural Authority: Gordon (1985)

Notes. One species of *Axion* is recorded from California (Gordon 1985).

Axion plagiatum (Olivier, 1808)

Nomenclatural Authority: Gordon (1985)

Literature Records: none

Digitized Records: Santa Cruz (5 SBMNH)

Range: Also known from mainland (Gordon 1985).

Chilocorus Leach, 1815

Nomenclatural Authority: Gordon (1985)

Notes. Five species of *Chilocorus* have been recorded from California, two of which are adventive (Gordon 1985). These were keyed by Gordon (1985).

Chilocorus undetermined species

Literature Records: Santa Catalina (Seavey 1892: 263; Fall 1897: 237)

Digitized Records: Santa Cruz (1 UCSB)

Notes. The records from Seavey (1892) and Fall (1897) were reported as *Chilocorus bivulnerus* Mulsant, 1850, a current junior synonym of *Chilocorus stigma* (Say, 1835), a species that does not occur in California. Early California records of *C. bivulnerus*, therefore, refer to either *Chilocorus fraternus* LeConte, 1860 or *Chilocorus orbus* Casey, 1899, two species which can only be reliably distinguished by examination of male genitalia (Gordon 1985).

Coccidulini

Notes. Nine genera and 51 species of Coccidulini have been recorded from California (Gordon 1985; M Gimmel, unpublished data).

Nephus Mulsant, 1846

Nomenclatural Authority: Gordon (1985)

Digitized Records (genus-only): Anacapa (1 LACM), Santa Barbara (1 LACM), Santa Catalina (1 LACM)

Notes. Six species of *Nephus* in three subgenera (*Scymnobius* Casey, 1899; *Sidis* Mulsant, 1850; *Turboscymnus* Gordon, 1976) have been reported from California (Gordon 1985).

Nephus (*Scymnobius*) *guttulatus* (LeConte, 1852)

Nomenclatural Authority: Gordon (1985)

Literature Records: Santa Catalina (Fall 1897: 237; Fall 1901: 86)

Digitized Records: Anacapa (4 SBMNH), Santa Barbara (1 SBMNH), Santa Cruz (3 SBMNH)

Range: Also known from mainland (Fall 1901; Gordon 1985).

Notes. Fall (1897, 1901) recorded this species as *Scymnus guttulatus*.

Nephus (*Scymnobius*) *sordidus* (Horn, 1895)

Nomenclatural Authority: Gordon (1985)

Literature Records: none
Digitized Records: Anacapa (1 SBMNH), San Nicolas (9 SBMNH), Santa Catalina (2 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Gordon 1985).

Nephus (*Sidis*) *binaevatus* (Mulsant, 1850)
Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Catalina (Cockerell 1940: 286; Gordon 1985: 293 [map])
Digitized Records: Santa Catalina (1 iNat)
Range: Also known from mainland (Gordon 1985).
Notes. This species was recorded as *Scymnus binaevatus* by Cockerell (1940). It was introduced to California from South Africa in 1921 for mealybug control (Gordon 1985).

Rhyzobius Stephens, 1829
Nomenclatural Authority: Gordon (1985)
Notes. Two introduced species of *Rhyzobius* are recorded from California (Gordon 1985).

Rhyzobius forestieri (Mulsant, 1853)
Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Cruz (Naughton et al. 2014: 303)
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Gordon 1985).
Notes. This species was introduced to North America (Gordon 1985).

Rhyzobius lophanthae (Blaisdell, 1892)
Nomenclatural Authority: Gordon (1985)
Literature Records: San Clemente (Fall 1897: 237; Cockerell 1940: 286)
Digitized Records: San Nicolas (1 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Gordon 1985).
Notes. Fall (1897) reported this species as "*Rhizobius lophanthae*", and Cockerell (1940) reported it as "*Lindorus lophantae*". This species was introduced to North America (Gordon 1985).

Scymnus Kugelann, 1794
Nomenclatural Authority: Gordon (1985)
Digitized Records (genus-only): Santa Barbara (1 SBMNH)
Notes. Thirty-six species of *Scymnus* have been reported from California, all but four belonging to the subgenus *Pullus* Mulsant, 1846 and the remainder to *Scymnus* (*Scymnus*) (Gordon 1985). These were keyed out by Gordon (1976) and Gordon (1985). The above Santa

Barbara Island record is based on a single female specimen of *Pullus* that keys out to couplet 29 of Gordon's (1985) key to *Pullus* of "Region IV", which relies on male genitalia to separate the species.

Scymnus (*Pullus*) *ardelio* Horn, 1895

Nomenclatural Authority: Gordon (1985)
Literature Records: San Clemente (Fall 1897: 237), Santa Catalina (Fall 1897: 237)
Digitized Records: none
Range: Also known from mainland (Gordon 1985).

Scymnus (*Pullus*) *cervicalis* Mulsant, 1850

Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Catalina (Fall 1897: 237; Fall 1901: 86)
Digitized Records: Santa Cruz (3 SBMNH), Santa Rosa (3 SBMNH)
Range: Also known from mainland (Fall 1901; Gordon 1985).

Scymnus (*Pullus*) *coniferarum* Crotch, 1874

Nomenclatural Authority: Gordon (1985)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Gordon 1985).

Scymnus (*Pullus*) *falli* Gordon, 1976

Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Barbara (Gordon 1985: 199; Miller 1985a: 20; Miller & Miller 1985: 127), Santa Cruz (Gordon 1976: 140; 1985: 199 [map]; Miller 1985a: 20; Miller & Miller 1985: 127; Naughton et al. 2014: 303), Santa Rosa (Miller 1985a: 20; Miller & Miller 1985: 127)
Digitized Records: San Miguel (1 SBMNH), Santa Cruz (8 SBMNH), Santa Rosa (3 SBMNH)
Range: Endemic (Gordon 1976; Gordon 1985; Miller 1985a; Miller & Miller 1985; Naughton et al. 2014).

Scymnus (*Pullus*) *jacobianus* Casey, 1899

Nomenclatural Authority: Gordon (1985)
Literature Records: none
Digitized Records: San Clemente (2 SBMNH), San Miguel (2 SBMNH), Santa Barbara (6 SBMNH)
Range: Also known from mainland (Gordon 1985).

Scymnus (*Pullus*) *loewii* Mulsant, 1850
Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Cruz (Fall & Davis 1934: 143; Gordon 1976: 124)
Digitized Records: San Clemente (2 SBMNH), Santa Cruz (1 SBMNH)
Range: Also known from mainland (Gordon 1976, 1985).
Notes. Fall & Davis (1934) recorded this species as *Scymnus cinctus* LeConte, 1852, which is now a junior synonym of *S. loewii* (see Gordon 1985).

Scymnus (*Pullus*) *marginicollis* Mannerheim, 1843
Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Catalina (Horn 1895: 105; Fall 1897: 237), Santa Cruz (Gordon 1976: 128)
Digitized Records: Anacapa (1 SBMNH), San Nicolas (5 SBMNH), Santa Catalina (4 SBMNH), Santa Cruz (10 LACM; 1 SBMNH), Santa Rosa (2 LACM; 1 SBMNH)
Range: Also known from mainland (Gordon 1976, 1985).

Scymnus (*Pullus*) *pallens* LeConte, 1852
Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Catalina (Cockerell 1940: 286), Santa Cruz (Gordon 1976: 86; Naughton et al. 2014: 303)
Digitized Records: Santa Cruz (4 SBMNH), Santa Rosa (2 SBMNH)
Range: Also known from mainland (Gordon 1976, 1985).

Scymnus (*Scymnus*) *difficilis* Casey, 1899
Nomenclatural Authority: Gordon (1985)
Literature Records: none
Digitized Records: San Miguel (10 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Gordon 1985).

Scymnus (*Scymnus*) *fenderi* Malkin, 1943
Nomenclatural Authority: Gordon (1985)
Literature Records: none
Digitized Records: Santa Rosa (3 SBMNH)
Range: Also known from mainland (Gordon 1985).

Scymnus (*Scymnus*) *nebulosus* LeConte, 1852
Nomenclatural Authority: Gordon (1985)
Literature Records: San Miguel (Miller & Davis 1986: 550), Santa Catalina (Fall 1897: 237; Fall 1901: 86; Cockerell 1940: 286)
Digitized Records: Santa Catalina (1 OSUC; 5 SBMNH; 1 iNat), Santa Cruz (28 LACM;

10 SBMNH), Santa Rosa (2 SBMNH)
Range: Also known from mainland (Fall 1901; Gordon 1985).

Stethorus Weise, 1885

Nomenclatural Authority: Gordon (1985)
Notes. One species of *Stethorus* has been reported from California (Gordon 1985).

Stethorus punctum (LeConte, 1852)
Nomenclatural Authority: Gordon (1985)
Literature Records: none
Digitized Records: Santa Catalina (3 SBMNH), Santa Cruz (1 SBMNH)
Range: Also known from mainland (Gordon 1985).
Notes. The subspecies of *S. punctum* occurring in California is *S. p. picipes* Casey, 1899 (Gordon 1985).

Zagloba Casey, 1899

Nomenclatural Authority: Gordon (1985)
Notes. One species of *Zagloba* has been reported from California (Gordon 1985).

Zagloba ornata (Horn, 1895)
Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Catalina (Horn 1895: 112; Fall 1897: 237; Fall 1901: 87)
Digitized Records: San Miguel (2 SBMNH), Santa Cruz (1 SBMNH)
Range: Also known from mainland (Fall 1901; Gordon 1985).
Notes. Horn (1895) and Fall (1897, 1901) recorded this species as *Cephaloscymnus ornatus*.

Coccinellini

Notes. Sixteen genera and 41 species of Coccinellini have been recorded from California (Gordon 1985; M Gimmel, unpublished data).

Coccinella Linnaeus, 1758

Nomenclatural Authority: Gordon (1985)
Digitized Records (genus-only): San Clemente (4 LACM), San Miguel (12 LACM), San Nicolas (29 LACM), Santa Catalina (1 LACM), Santa Cruz (2 LACM)
Notes. Eleven species of *Coccinella* have been recorded from California (Gordon 1985; Gordon & Vandenberg 1991). This genus was revised for North America by Brown (1962), but an updated key was provided by Gordon (1985). Fall (1901: 84) reported the taxon "*Coccinella transversoguttata* var. *transversalis*" from "the islands". Dobzhansky (1931: 16), however, noted

that “This form [*C. transversoguttata*] is apparently lacking in southern California”. We did not attempt to include this record below.

Coccinella californica Mannerheim, 1843
Nomenclatural Authority: Gordon (1985)
Literature Records: Anacapa (Miller & Miller 1985: 126), San Clemente (Fall 1897: 237; Dobzhansky 1931: 13; Miller & Miller 1985: 126), San Nicolas (Fall 1897: 237; Dobzhansky 1931: 13; Miller & Miller 1985: 126), Santa Barbara (Miller & Miller 1985: 126), Santa Catalina (Fall 1897: 237; Miller & Miller 1985: 126), Santa Cruz (Dobzhansky 1931: 13; Miller & Miller 1985: 126), Santa Rosa (Fall 1897: 237; Dobzhansky 1931: 13; Miller & Miller 1985: 126)
Digitized Records: Anacapa (3 LACM; 7 SBMNH), San Clemente (2 LACM; 1 SBMNH; 25 iNat), San Miguel (2 LACM; 1 SBMNH), San Nicolas (11 LACM; 2 SBMNH; 9 iNat), Santa Barbara (18 LACM; 1 SBMNH), Santa Catalina (8 LACM; 8 iNat), Santa Cruz (2 LACM; 7 SBMNH; 3 UCSB; 4 iNat), Santa Rosa (3 LACM; 14 SBMNH; 5 iNat)
Range: Also known from mainland (Gordon 1985).

Coccinella johnsoni Casey, 1908
Nomenclatural Authority: Gordon (1985)
Literature Records: San Clemente (Dobzhansky 1931: 14; Brown 1962: 794; Miller & Miller 1985: 127), San Nicolas (Dobzhansky 1931: 14; Brown 1962: 794; Miller & Miller 1985: 127), Santa Barbara (Miller & Miller 1985: 127)
Digitized Records: San Clemente (8 SBMNH), San Nicolas (10 SBMNH), Santa Barbara (3 LACM)
Range: Also known from mainland (Dobzhansky 1931; Brown 1962; Gordon 1985).

Coccinella novemnotata Herbst, 1793
Nomenclatural Authority: Gordon (1985)
Literature Records: none
Digitized Records: San Miguel (1 SBMNH)
Range: Also known from mainland (Gordon 1985).

Coccinella septempunctata (Linnaeus, 1758)
Nomenclatural Authority: Gordon (1985)
Literature Records: none
Digitized Records: Anacapa (1 iNat), San Clemente (2 SBMNH; 13 iNat), San Miguel (2 SBMNH), San Nicolas (1 SBMNH; 3 iNat), Santa Barbara (1 iNat), Santa Catalina (4 SBMNH; 3 iNat), Santa Cruz (4 SBMNH; 7 iNat), Santa Rosa (4 iNat)
Range: Also known from mainland (Gordon 1985).

Notes. This species was introduced to North America for control of aphids (Gordon 1985).

Cycloneda Crotch, 1871

Nomenclatural Authority: Gordon (1985)

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

Notes. Two species of *Cycloneda* have been recorded from California (Gordon 1985).

Cycloneda polita Casey, 1899

Nomenclatural Authority: Gordon (1985)

Literature Records: Santa Catalina (Fall 1897: 237), Santa Cruz (Naughton et al. 2014: 303)

Digitized Records: Santa Cruz (3 LACM; 5 SBMNH; 5 UCSB), Santa Rosa (1 LACM)

Range: Also known from mainland (Gordon 1985).

Notes. Fall (1897) recorded this species as "*Cycloneda oculata* Fabricius".

Cycloneda sanguinea (Linnaeus, 1763)

Nomenclatural Authority: Gordon (1985)

Literature Records: Santa Catalina (Seavey 1892: 263; Fall 1897: 237)

Digitized Records: Anacapa (1 SBMNH), Santa Catalina (1 LACM; 5 SBMNH; 2 iNat), Santa Cruz (12 SBMNH; 2 UCSB; 6 iNat)

Range: Also known from mainland (Gordon 1985).

Notes. Seavey (1892) recorded this species as *Coccinella sanguinea*. The subspecies occurring in California is the nominate subspecies, *C. s. sanguinea* (Linnaeus, 1763).

Hippodamia Dejean, 1837

Nomenclatural Authority: Gordon (1985)

Notes. Ten species of *Hippodamia* have been reported from California (Gordon 1985).

Hippodamia convergens Guérin-Méneville, 1842

Nomenclatural Authority: Gordon (1985)

Literature Records: Anacapa (Miller & Miller 1985: 127), San Miguel (Miller & Miller 1985: 127), Santa Barbara (Miller & Miller 1985: 127), Santa Catalina (Seavey 1892: 263; Fall 1897: 237; Cockerell 1940: 286), Santa Cruz (Miller & Miller 1985: 127), Santa Rosa (Miller & Miller 1985: 127)

Digitized Records: Anacapa (8 SBMNH), San Clemente (1 SBMNH; 6 iNat), San Miguel (1 SBMNH), San Nicolas (1 LACM; 1 SBMNH; 1 iNat), Santa Barbara (1 SBMNH), Santa Catalina (1 SBMNH; 3 iNat), Santa Cruz (27 LACM; 15 SBMNH; 3 UCSB; 2 iNat), Santa Rosa (1 LACM; 5 SBMNH)

Range: Also known from mainland (Chapin 1946; Gordon 1985).

Notes. The map in Chapin (1946: plate 21) shows the presence of this species on at least two islands, which were not mentioned. Cockerell (1940) reported this species as "*Hippodamia obsoleta* LeConte" (= *Hippodamia convergens* var. *obsoleta* Crotch, 1873), a current synonym of *H. convergens* (see Gordon 1985).

Hippodamia quinquesignata (Kirby, 1837)

Nomenclatural Authority: Gordon (1985)

Literature Records: San Clemente (Fall 1897: 237), San Nicolas (Cockerell 1940: 286), Santa Catalina (Seavey 1892: 263; Fall 1897: 237), Santa Cruz (Fall & Davis 1934: 143), Santa Rosa (Fall 1897: 237)

Digitized Records: Anacapa (5 SBMNH), San Clemente (10 SBMNH; 1 iNat), San Miguel (55 LACM; 16 SBMNH), San Nicolas (12 LACM; 7 SBMNH), Santa Catalina (3 LACM; 4 SBMNH), Santa Cruz (12 LACM; 15 SBMNH; 18 iNat), Santa Rosa (29 LACM; 37 SBMNH; 1 iNat)

Range: Also known from mainland (Gordon 1985).

Notes. Seavey (1892), Fall (1897), and Fall & Davis (1934) recorded this species as *Hippodamia ambigua* LeConte, 1852. Cockerell (1940) recorded it as "*H. quinquesignata* Kirby, variety". Chapin (1946: 16) recorded this taxon as "Abundant in western California and the Channel Islands" as the subspecies *H. q. punctulata* LeConte, 1852, now considered a synonym of *H. q. ambigua* LeConte, 1852, the only subspecies occurring in coastal California (see Gordon 1985). Chapin's (1946: plate 20) map shows its presence on multiple islands. Fall (1897: 239) noted the Santa Rosa specimens might well be *Hippodamia convergens*. Based on the virtual absence of elytral dark maculation (except for scutellar spot), all *Hippodamia quinquesignata* (Kirby, 1837) represented on the Channel Islands belong to *H. q. ambigua*. Members of this subspecies with the white convergent lines present on the pronotum can be difficult to distinguish from immaculate members of *H. convergens* without examination of male genitalia (Gordon 1985: 727).

Olla Casey, 1899

Nomenclatural Authority: Gordon (1985)

Notes. One species of *Olla* has been recorded from California (Gordon 1985).

Olla v-nigrum (Mulsant, 1866)

Nomenclatural Authority: Gordon (1985)

Literature Records: none

Digitized Records: Anacapa (1 LACM), Santa Catalina (1 LACM)

Range: Also known from mainland (Gordon 1985).

Paranaemia Casey, 1899

Nomenclatural Authority: Gordon (1985)

Notes. One species of *Paranaemia* has been recorded from California (Gordon 1985).

Paranaemia vittigera (Mannerheim, 1843)
Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Cruz (LeConte 1876: 298; Fall 1897: 237; Fall & Davis 1934: 143)
Digitized Records: none
Range: Also known from mainland (Gordon 1985).
Notes. This species was recorded as *Hippodamia vittigera* by LeConte (1876) and Fall (1897), and as *Ceratomegilla vittigera* by Fall & Davis (1934).

Psyllobora Dejean, 1836
Nomenclatural Authority: Gordon (1985)
Digitized Records (genus-only): Santa Cruz (10 EMEC; 17 LACM; 9 UCSB)
Notes. Three species of *Psyllobora* have been recorded from California (Gordon 1985).

Psyllobora renifer Casey, 1899
Nomenclatural Authority: Gordon (1985)
Literature Records: none
Digitized Records: Santa Cruz (1 UCSB)
Range: Also known from mainland (Gordon 1985).

Psyllobora vigintimaculata (Say, 1824)
Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Catalina (Seavey 1892: 263; Fall 1897: 237), Santa Cruz (Fall & Davis 1934: 143; Naughton et al. 2014: 303)
Digitized Records: San Miguel (6 SBMNH), San Nicolas (4 SBMNH), Santa Catalina (12 SBMNH; 1 iNat), Santa Cruz (21 SBMNH), Santa Rosa (2 SBMNH)
Range: Also known from mainland (Gordon 1985).
Notes. This species was recorded as *Psyllobora taedata* LeConte, 1860 by Seavey (1892) and Fall (1897), and as *Psyllobora 20-maculata* var. *taedata* by Fall & Davis (1934). Seavey (1892) reported it from *Artemisia californica*.

Diomini

Notes. One genus and three species of Diomini have been recorded from California (Gordon 1985).

Diomus Mulsant, 1850
Nomenclatural Authority: Gordon (1985)

Notes. Three species of *Diomus* have been recorded from California (Gordon 1985).

Diomus debilis (LeConte, 1852)
Nomenclatural Authority: Gordon (1985)
Literature Records: none
Digitized Records: Anacapa (3 SBMNH), Santa Cruz (1 SBMNH)
Range: Also known from mainland (Gordon 1985).

Hyperaspidini

Notes. Four genera and 47 species of Hyperaspidini have been recorded from California (Gordon 1985).

Hyperaspidius Crotch, 1873
Nomenclatural Authority: Gordon (1985)
Digitized Records (genus-only): San Miguel (1 SBMNH), San Nicolas (1 LACM; 1 SBMNH)
Notes. Eight species of *Hyperaspidius* have been recorded from California (Gordon 1985).

Hyperaspidius comparatus Casey, 1899
Nomenclatural Authority: Gordon (1985)
Literature Records: San Miguel (Cockerell 1940: 286; Gordon 1985: 361)
Digitized Records: none
Range: Also known from mainland (Gordon 1985).
Notes. Cockerell's (1940) San Miguel Island record was referred to *Hyperaspidius vittigerus* (LeConte, 1852), which was indicated as previously bearing the name *Hyperaspidius trimaculatus* (Linnaeus, 1767). However, *Hyperaspidius vittigerus* was not shown to occur west of the Rocky Mountains by Gordon (1985), so Cockerell's (1940) record probably refers to *H. comparatus*.

Hyperaspis Redtenbacher, 1844
Nomenclatural Authority: Gordon (1985)
Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303)
Digitized Records (genus-only): San Clemente (1 SBMNH), Santa Rosa (4 SBMNH)
Notes. Thirty-six species of *Hyperaspis* have been recorded from California (Gordon 1985). The Naughton et al. (2014) record above is based on a record of "*Hyperaspis* sp." in addition to the three taxa listed below.

Hyperaspis lateralis Mulsant, 1850

Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Catalina (Seavey 1892: 262; Fall 1897: 237), Santa Cruz (Naughton et al. 2014: 303)
Digitized Records: Santa Catalina (1 SBMNH), Santa Cruz (1 SBMNH)
Range: Also known from mainland (Gordon 1985).
Notes. This species was reported from *Artemisia californica* by Seavey (1892).

Hyperaspis species near *annexa* LeConte, 1852
Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Cruz (Naughton et al. 2014: 303)
Digitized Records: Santa Cruz (3 SBMNH)
Range: Unknown.
Notes. Naughton et al. (2014) recorded this species as "*Hyperaspis* nr. *annexa*". MLG observed two of these vouchers and one additional specimen from SBMNH, and they do appear quite similar to mainland *H. annexa*, but with much less yellow and more extensive black coloration. These specimens require more detailed study.

Hyperaspis taeniata LeConte, 1852
Nomenclatural Authority: Gordon (1985)
Literature Records: Santa Cruz (Naughton et al. 2014: 303)
Digitized Records: Santa Cruz (3 LACM; 1 SBMNH)
Range: Also known from mainland (Gordon 1985).

Microweiseinae

Notes. Three tribes, five genera, and 11 species of Microweiseinae are known to occur in California (M Gimmel, unpublished data). Escalona & Ślipiński (2011) provided a generic revision and reclassification of this subfamily.

Carinodulini

Notes. One genus and species of Carinodulini is known to occur in California (Escalona & Ślipiński 2011).

Carinodulinka Ślipiński & Tomaszewska, 2002
Nomenclatural Authority: Escalona & Ślipiński (2011)
Notes. No described species of *Carinodulinka* have yet been recorded from California (see below).

Carinodulinka undescribed species near *baja* Ślipiński & Tomaszewska, 2002

Nomenclatural Authority: Escalona & Ślipiński (2011)
Literature Records: none
Digitized Records: San Clemente (1 SBMNH)
Range: Also known from mainland (Escalona & Ślipiński 2011).
Notes. According to Escalona & Ślipiński (2011: 13), California specimens of the genus *Carinodulinka* Ślipiński & Tomaszewska, 2002 are an unnamed species.

Microweiseini

Notes. Three genera and eight species of Microweiseini are known to occur in California (Gordon 1985; M Gimmel, unpublished data).

Coccidophilus Brèthes, 1905
Nomenclatural Authority: Escalona & Ślipiński (2011)
Notes. One species of *Coccidophilus* has been recorded from California (Gordon 1985).

Coccidophilus atronitens (Casey, 1899)
Nomenclatural Authority: Gordon (1985)
Literature Records: none
Digitized Records: Santa Cruz (16 SBMNH), Santa Rosa (6 SBMNH)
Range: Also known from mainland (Gordon 1985).

Microweisea Cockerell, 1903
Nomenclatural Authority: Escalona & Ślipiński (2011)
Notes. Certain species in this genus were until recently known as *Gnathoweisea* Gordon, 1970, a genus synonymized with *Microweisea* by Escalona & Ślipiński (2011).

Microweisea undetermined species
Literature Records: none
Digitized Records: Santa Catalina (1 iNat)

Nipus Casey, 1899
Nomenclatural Authority: Escalona & Ślipiński (2011)
Notes. Three species of the genus *Nipus* are known from California (M Gimmel, unpublished data).

Nipus niger Casey, 1899
Nomenclatural Authority: Gordon (1985)
Literature Records: none
Digitized Records: Santa Rosa (1 SBMNH)

Range: Also known from mainland (Gordon 1985).

Serangiini

Notes. One genus and two species of Serangiini have been recorded from California (Gordon 1985).

Delphastus Casey, 1899

Nomenclatural Authority: Escalona & Ślipiński (2011)

Notes. Two species of *Delphastus* have been recorded from California (Gordon 1985).

Delphastus catalinae (Horn, 1895)

Nomenclatural Authority: Gordon (1985)

Literature Records: San Clemente (Fall 1897: 237), Santa Catalina (Horn 1895: 83; Fall 1897: 237; Casey 1899: 112; Fall 1901: 85; Gordon 1970: 367; Gordon 1985: 64), Santa Cruz (Naughton et al. 2014: 303)

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

Range: Also known from mainland (Gordon 1985).

Notes. Horn (1895) and Fall (1897, 1901) recorded this species as *Cryptognatha catalinae*. The species was originally (Horn 1895; Casey 1899) considered endemic to Santa Catalina Island. Fall (1897: 239) doubted its taxonomic validity.

Corylophidae

Notes. This family contains five tribes, six genera, and 14 species known from California (M Gimmel, unpublished data), all of which belong to the subfamily Corylophinae. The classification used here follows Robertson et al. (2013). This family is very poorly understood in North America, and modern keys to species do not exist for most genera.

Aenigmaticini

Notes. One genus and species of Aenigmaticini occurs in California (Pakaluk 1985).

Aenigmaticum Matthews, 1888

Nomenclatural Authority: Robertson et al. (2013)

Notes. One species of *Aenigmaticum* occurs in California (Pakaluk 1985). This genus was reviewed by Pakaluk (1985).

Aenigmaticum californicum Casey, 1889

Nomenclatural Authority: Pakaluk (1985)

Literature Records: Anacapa (Miller & Miller 1985: 126), Santa Barbara (Miller & Miller 1985: 126)
Digitized Records: Anacapa (7 SBMNH), San Miguel (3 SBMNH), San Nicolas (8 SBMNH), Santa Barbara (2 SBMNH)
Range: Also known from mainland (Pakaluk 1985).
Notes. Reported from *Erophyllum*, *Hemizonia* (both Asteraceae) and *Frankenia* (Frankeniaceae) on Santa Barbara Island by Miller & Miller (1985).

Orthoperini

Notes. One genus and four species of Orthoperini have been recorded from California (M Gimmel, unpublished data).

Orthoperus Stephens, 1829
Nomenclatural Authority: Bowestead & Leschen (2002); Robertson et al. (2013)
Notes. Four species of *Orthoperus* have been recorded from California (M Gimmel, unpublished data).

Orthoperus undetermined species
Literature Records: none
Digitized Records: Santa Cruz (9 SBMNH)

Sericoderini

Notes. One genus and three species of Sericoderini have been recorded from California (M Gimmel, unpublished data).

Sericoderus Stephens, 1829
Nomenclatural Authority: Bowestead & Leschen (2002); Robertson et al. (2013)
Notes. Three species of *Sericoderus* have been recorded from California (M Gimmel, unpublished data).

Sericoderus undetermined species
Literature Records: none
Digitized Records: San Nicolas (3 SBMNH), Santa Cruz (3 SBMNH), Santa Rosa (1 SBMNH)

Endomychidae

Notes. Six subfamilies, eight genera, and 13 species of Endomychidae have been recorded from California (Shockley, Tomaszewska & McHugh 2009).

Lycoperdininae

Notes. Two genera and four species of Lycoperdininae have been recorded from California (Shockley, Tomaszewska & McHugh 2009).

Aphorista Gorham, 1873

Nomenclatural Authority: Shockley, Tomaszewska & McHugh (2009)

Notes. Two species of *Aphorista* have been recorded from California (Shockley, Tomaszewska & McHugh 2009).

Aphorista morosa (LeConte, 1859)

Nomenclatural Authority: Shockley, Tomaszewska & McHugh (2009)

Literature Records: Santa Rosa (Fall 1897: 237)

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

Range: Also known from mainland (Shockley, Tomaszewska & McHugh 2009).

Latridiidae

Notes. Two subfamilies, 13 genera, and 61 species of Latridiidae are known to occur in California (M Gimmel, unpublished data).

Corticariinae

Notes. Five genera and 31 species of Corticariinae are known to occur in California (M Gimmel, unpublished data).

Corticaria Marsham, 1802

Nomenclatural Authority: Rücker (2021)

Notes. Ten species of *Corticaria* have been reported from California (M Gimmel, unpublished data).

Corticaria undetermined species

Literature Records: Santa Catalina (Fall 1897: 237)

Digitized Records: Santa Rosa (2 SBMNH)

Notes. Fall's (1897) above record refers to the genus only.

Corticarina Reitter, 1881

Nomenclatural Authority: Rücker (2021)

Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303)

Digitized Records (genus-only): Anacapa (5 SBMNH), San Clemente (5 SBMNH), San Miguel (25 SBMNH), San Nicolas (7 SBMNH), Santa Barbara (15 SBMNH), Santa Catalina (1 SBMNH), Santa Cruz (51 SBMNH), Santa Rosa (14 SBMNH)

Notes. The record from Naughton et al. (2014) refers to the genus only, and probably represents one of the four species below. Nine species of *Corticarina* have been recorded from California (M Gimmel, unpublished data).

Corticarina cavicollis (Mannerheim, 1844)

Nomenclatural Authority: Rücker (2021)

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (Rücker 2021).

Corticarina herbivagans (LeConte, 1855)

Nomenclatural Authority: Rücker (2021)

Literature Records: San Miguel (Miller & Miller 1985: 127), Santa Barbara (Miller & Miller 1985: 127)

Digitized Records: Santa Barbara (1 SBMNH)

Range: Also known from mainland (Rücker 2021).

Corticarina milleri Andrews, 1992

Nomenclatural Authority: Andrews (1992); Rücker (2021)

Literature Records: San Miguel (Andrews 1992: 278), San Nicolas (Andrews 1992: 278), Santa Barbara (Andrews 1992: 277), Santa Rosa (Andrews 1992: 278)

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

Range: Endemic (Andrews 1992).

Corticarina minuta (Fabricius, 1792)

Nomenclatural Authority: Rücker (2021)

Literature Records: none

Digitized Records: Anacapa (1 SBMNH), Santa Cruz (4 SBMNH)

Range: Also known from mainland (Rücker 2021).

Fuchsina Fall, 1899

Nomenclatural Authority: Rücker (2021)

Notes. Two described species of *Fuchsina* have been reported from California (Andrews 1976c). These were revised by Andrews (1976c), but an apparently undescribed species occurs on the Channel Islands.

Fuchsina undescribed species

Literature Records: Santa Cruz (Naughton et al. 2014: 303)

Digitized Records: San Clemente (15 SBMNH), Santa Catalina (47 SBMNH), Santa Cruz (29 SBMNH), Santa Rosa (16 SBMNH)

Range: Endemic (MLG, personal observation).

Notes. The record from Naughton et al. (2014) refers to the genus only. The SBMNH specimens from the Channel Islands are morphologically different from either of the two described species of *Fuchsina* as circumscribed by Andrews (1976c). The Channel Island specimens are similar to *Fuchsina occulta* Fall, 1899 in the lack of eye facets and antenna with 10 antennomeres, but have a shorter, broader pronotum and shorter elytra (MLG, personal observation).

Melanophthalma Motschulsky, 1866

Nomenclatural Authority: Rücker (2021)

Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303)

Digitized Records (genus-only): Anacapa (1 SBMNH), San Clemente (2 SBMNH), San Nicolas (2 SBMNH), Santa Catalina (9 SBMNH), Santa Cruz (5 SBMNH), Santa Rosa (1 SBMNH)

Notes. Naughton et al. (2014) mistakenly reported this genus as "*Melanophthalmus*". Eight species of *Melanophthalma* have been reported from California in two subgenera, *Cortilena* Motschulsky, 1867 and *Melanophthalma* (*s.str.*) (M Gimmel, unpublished data).

Melanophthalma (*Cortilena*) *casta* Fall, 1899

Nomenclatural Authority: Rücker (2021)

Literature Records: San Nicolas (Miller & Miller 1985: 127), Santa Barbara (Miller & Miller 1985: 127)

Digitized Records: Santa Barbara (1 SBMNH)

Range: Also known from mainland (Fall 1899).

Notes. Recorded by Miller & Miller (1985) as *Cortilena casta*.

Melanophthalma (*Melanophthalma*) *americana* (Mannerheim, 1844)

Nomenclatural Authority: Rücker (2021)

Literature Records: San Clemente (Fall 1897: 237), San Miguel (Cockerell 1940: 286), Santa Catalina (Fall 1897: 237)

Digitized Records: Santa Cruz (3 SBMNH)

Range: Also known from mainland (Rücker 2021).

Notes. Reported by Fall (1897) as *Corticaria distinguenda* Comolli, 1837, but specimens in North American identified as this species are presently known as *M. americana*.

Melanophthalma (*Melanophthalma*) *insularis* Fall, 1899
Nomenclatural Authority: Rücker (2021)
Literature Records: San Clemente (Fall 1899: 174; Fall 1901: 102; Miller 1985a: 20)
Digitized Records: none
Range: Endemic (Fall 1899, 1901; Miller 1985a).
Notes. The status of this purportedly endemic taxon has not been reviewed since Fall's (1899) original description.

Latridiinae

Notes. Eight genera and 30 species of Latridiinae are known to occur in California (M Gimmel, unpublished data).

Cartodere Thomson, 1859
Nomenclatural Authority: Rücker (2021)
Notes. Four species of *Cartodere* in two subgenera, *Aridius* Motschulsky, 1866 and *Cartodere* (*s.str.*), occur in California (M Gimmel, unpublished data).

Cartodere (*Aridius*) *australica* (Belon, 1887)
Nomenclatural Authority: Rücker (2021)
Literature Records: none
Digitized Records: Santa Cruz (25 SBMNH)
Range: Also known from mainland (Rücker 2021).
Notes. This species is presumably adventive in California.

Dienerella Reitter, 1911
Nomenclatural Authority: Rücker (2021)
Notes. Three species of *Dienerella* are known to occur in California (M Gimmel, unpublished data).

Dienerella undetermined species
Literature Records: Santa Catalina (Caterino & Chandler 2010: 191)
Digitized Records: Santa Catalina (1 SBMNH)
Notes. More morphospecies exist in the SBMNH collection than there are named species known to occur in California (MLG, personal observation). Consequently, we have not attempted to identify the single Channel Islands specimen known to us.

Enicmus Thomson, 1859

Nomenclatural Authority: Rücker (2021)

Notes. Six species of *Enicmus* have been recorded from California (M Gimmel, unpublished data).

Enicmus aterrimus Motschulsky, 1866

Nomenclatural Authority: Rücker (2021)

Literature Records: none

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

Range: Also known from mainland (Rücker 2021).

Metophthalmus Motschulsky, 1850

Nomenclatural Authority: Rücker (2021)

Literature Records (genus-only): Santa Catalina (Caterino & Chandler 2010: 191), Santa Cruz (Naughton et al. 2014: 303)

Notes. This genus was revised by Andrews (1976b). Six species of this genus have been reported from California (Andrews 1976b) belonging to two subgenera, *Metatypus* Belon, 1897 and *Metophthalmus* (*s.str.*), three of which are reported from the Channel Islands below. Caterino & Chandler (2010: 191) were first to mention the presence of this genus on Santa Catalina. Five of the 12 specimens of *Metophthalmus* reported from Santa Cruz by Naughton et al. (2014) were not determined to species; vouchers for these are not located in SBMNH (MLG, personal observation). Almost certainly the latter represent one or more of the three species recorded below, though two additional species, *Metophthalmus kanei* Andrews, 1976 and *Metophthalmus septemstriatus* Hatch, 1962, may occur on the Channel Islands.

Metophthalmus (*Metatypus*) *haigi* Andrews, 1976

Nomenclatural Authority: Rücker (2021)

Literature Records: Santa Cruz (Naughton et al. 2014: 303)

Digitized Records: San Clemente (3 SBMNH), Santa Catalina (3 SBMNH), Santa Cruz (7 SBMNH)

Range: Also known from mainland (Andrews 1976b; Rücker 2021).

Metophthalmus (*Metatypus*) *rudis* Fall, 1899

Nomenclatural Authority: Rücker (2021)

Literature Records: Santa Cruz (Andrews 1976b: 53; Naughton et al. 2014: 303)

Digitized Records: San Clemente (26 SBMNH), Santa Catalina (42 SBMNH), Santa Cruz (14 SBMNH), Santa Rosa (24 SBMNH)

Range: Also known from mainland (Andrews 1976b; Rücker 2021).

Metophthalmus (*Metatypus*) *trux* Fall, 1899

Nomenclatural Authority: Rücker (2021)
Literature Records: Santa Cruz (Naughton et al. 2014: 303)
Digitized Records: San Clemente (5 SBMNH), Santa Catalina (3 SBMNH), Santa Cruz (12 SBMNH), Santa Rosa (2 SBMNH)
Range: Also known from mainland (Andrews 1976b; Rücker 2021).

Revelieria Perris, 1869

Nomenclatural Authority: Rücker (2021)
Notes. One species of *Revelieria* has been reported from California (Rücker 2021).

Revelieria californica Fall, 1899

Nomenclatural Authority: Rücker (2021)
Literature Records: none
Digitized Records: Santa Cruz (8 SBMNH), Santa Rosa (3 SBMNH)
Range: Also known from mainland (Fall 1899).

Stephostethus LeConte, 1878

Nomenclatural Authority: Rücker (2021)
Notes. Four species of *Stephostethus* have been reported from California (M Gimmel, unpublished data).

Stephostethus armatulus (Fall, 1899)

Nomenclatural Authority: Rücker (2021)
Literature Records: Santa Catalina (Fall 1899: 118)
Digitized Records: none
Range: Also known from mainland (Fall 1899; Rücker 2021).
Notes. Fall (1899) recorded this species as *Lathridius armatulus*.

Stephostethus costicollis (LeConte, 1855)

Nomenclatural Authority: Rücker (2021)
Literature Records: Santa Catalina (Fall 1897: 237; Cockerell 1940: 286)
Digitized Records: San Clemente (1 SBMNH), Santa Catalina (1 SBMNH)
Range: Also known from mainland (Rücker 2021).
Notes. This species was recorded as *Coninomus fulvipennis* Mannerheim by Fall (1897), and corrected to *Latridius costicollis* by Cockerell (1940). It has since been placed in the genus *Stephostethus*.

Stephostethus liratus (LeConte, 1863)

Nomenclatural Authority: Rücker (2021)
Literature Records: none

Digitized Records: Santa Rosa (2 SBMNH)
Range: Also known from mainland (Rücker 2021).

EROTYLOIDEA

Erotylidae

Notes. Three subfamilies, six genera, and 11 species of Erotylidae have been recorded from California (M Gimmel, unpublished data).

Cryptophilinae

Notes. One genus and species of Cryptophilinae has been recorded from California (M Gimmel, unpublished data).

Cryptophilus Reitter, 1874

Nomenclatural Authority: Gimmel, Leschen & Esser (2019)
Notes. One species of the genus *Cryptophilus* has been recorded from California (M Gimmel, unpublished data).

Cryptophilus angustus (Rosenhauer, 1856)
Nomenclatural Authority: Esser (2017)
Literature Records: none
Digitized Records: Santa Cruz (3 SBMNH)
Range: Also known from mainland (Esser 2017).
Notes. This species was long known as *Cryptophilus integer* (Heer, 1841), but the type of that species was discovered to belong to Cryptophagidae. *Cryptophilus angustus* is the proper name for this species, which was introduced from the Palearctic realm (Esser 2017; Gimmel, Leschen & Esser 2019).

Erotylinae

Notes. Four genera and eight species of Erotylinae have been recorded from California (Boyle 1956; M Gimmel, unpublished data).

Dacne Latreille, 1796

Nomenclatural Authority: Boyle (1956)
Notes. Four species of *Dacne* have been recorded from California (Boyle 1956).

Dacne californica (Horn, 1870)

Nomenclatural Authority: Boyle (1956)
Literature Records: Santa Catalina (Cockerell 1940: 286; Boyle 1956: 142), Santa Cruz (Naughton et al. 2014: 303)
Digitized Records: San Clemente (3 SBMNH), Santa Catalina (5 SBMNH), Santa Cruz (6 SBMNH), Santa Rosa (13 SBMNH)
Range: Also known from mainland (Boyle 1956).
Notes. The island vouchers of this species housed in SBMNH are certainly *Dacne* (*s.str.*), which has just one described species in California (*D. californica*). However, they are morphologically different from mainland exemplars of that species, being narrower and more setose, and the prosternal lines are differently shaped. These may prove to be a distinct, undescribed species.

NITIDULOIDEA

Kateretidae

Notes. Four genera and six species of Kateretidae have been recorded from California (M Gimmel, unpublished data).

Amartus LeConte, 1861

Nomenclatural Authority: Cline & Audisio (2010)
Notes. Two species of *Amartus* have been reported from California (Savage & Seeno 1981). Savage & Seeno (1981) reviewed the genus *Amartus* for North America.

Amartus tinctus (Mannerheim, 1843)
Nomenclatural Authority: Savage & Seeno (1981)
Literature Records: San Clemente (Savage & Seeno 1981: 80), San Miguel (Cockerell 1940: 286), Santa Rosa (Savage & Seeno 1981: 80)
Digitized Records: San Clemente (6 LACM), Santa Rosa (9 SBMNH)
Range: Also known from mainland (Savage & Seeno 1981).

Heterhelus Jacquelin du Val, 1858

Nomenclatural Authority: Cline & Audisio (2010)
Notes. One species of *Heterhelus* has been reported from California (Parsons 1943).

Heterhelus sericans (LeConte, 1869)
Nomenclatural Authority: Habeck (2002)
Literature Records: Santa Catalina (Fall 1897: 237)
Digitized Records: none
Range: Also known from mainland (Fall 1901; Habeck 2002).

Notes. Fall (1897, 1901) recorded this species as *Cercus sericans*, and Fall (1901: 98) listed it as occurring "throughout Southern California and the adjacent islands".

Monotomidae

Notes. Two subfamilies, eight genera, and 19 species of Monotomidae are known to occur in California (M Gimmel, unpublished data).

Monotominae

Notes. Seven genera and 14 species of Monotominae are known to occur in California (M Gimmel, unpublished data).

Hesperobaenus LeConte, 1861

Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

Notes. The genus *Hesperobaenus* contains two species occurring in California (Bousquet 2002b). The genus was revised for North America by Bousquet (2002b).

Hesperobaenus abbreviatus (Motschulsky, 1845)

Nomenclatural Authority: Bousquet (2002b)

Literature Records: Santa Cruz (Bousquet 2002b: 210)

Digitized Records: Anacapa (1 SBMNH), Santa Cruz (9 SBMNH), Santa Rosa (4 SBMNH)

Range: Also known from mainland (Bousquet 2002b).

Macreurops Casey, 1916

Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

Notes. One species of *Macreurops* is known from California (Bousquet 2002a).

Macreurops longicollis (Horn, 1879)

Nomenclatural Authority: Bousquet (2002a)

Literature Records: none

Digitized Records: Santa Cruz (15 SBMNH)

Range: Also known from mainland (Bousquet 2002a).

Phyconomus LeConte, 1861

Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

Notes. One species of *Phyconomus* is known from California (Bousquet 2002a).

Phyconomus marinus (LeConte, 1858)

Nomenclatural Authority: Bousquet (2002a)
Literature Records: none
Digitized Records: San Miguel (10 SBMNH), Santa Cruz (1 SBMNH)
Range: Also known from mainland (Bousquet 2002a).

Nitidulidae

Notes. Eight subfamilies, 22 genera, and 63 species of Nitidulidae are known to occur in California (M Gimmel, unpublished data).

Carpophilinae

Notes. Four genera and 17 species of Carpophilinae are known to occur in California (M Gimmel, unpublished data).

Carpophilus Stephens, 1829
Nomenclatural Authority: McElrath, Gimmel & Powell (2021)
Digitized Records (genus-only): Santa Cruz (1 LACM; 3 SBMNH), Santa Rosa (4 LACM; 5 SBMNH)
Notes. Eleven species of *Carpophilus* (sensu Powell et al. 2020) are known from California (M Gimmel, unpublished data).

Carpophilus (*Ecnomorphus*) *discoideus* LeConte, 1858
Nomenclatural Authority: McElrath, Gimmel & Powell (2021)
Literature Records: none
Digitized Records: Santa Cruz (2 SBMNH)
Range: Also known from mainland (Parsons 1943).

Carpophilus (*Ecnomorphus*) *ligneus* Murray, 1864
Nomenclatural Authority: McElrath, Gimmel & Powell (2021)
Literature Records: none
Digitized Records: Anacapa (1 SBMNH), San Miguel (1 SBMNH), San Nicolas (1 SBMNH)
Range: Also known from mainland (McElrath, Gimmel & Powell 2021).

Nitops Murray, 1864
Nomenclatural Authority: McElrath, Gimmel & Powell (2021)
Notes. This genus contains a single species in California (M Gimmel, unpublished data).

Nitops pallipennis (Say, 1823)

Nomenclatural Authority: McElrath, Gimmel & Powell (2021)
Literature Records: San Clemente (Fall 1897: 237), Santa Catalina (Seavey 1892: 262; Fall 1897: 237; Grant & Connell 1979: 100; Grant & Grant 1979: 323), Santa Cruz (LeConte 1876: 299; Fall 1897: 237; Fall & Davis 1934: 143)
Digitized Records: San Clemente (18 SBMNH), San Miguel (3 SBMNH), San Nicolas (3 SBMNH), Santa Barbara (9 SBMNH), Santa Catalina (1 LACM; 3 SBMNH), Santa Cruz (66 LACM; 3 SBMNH), Santa Rosa (29 LACM; 7 SBMNH)
Range: Also known from mainland (Parsons 1943; Grant & Connell 1979; Grant & Grant 1979).
Notes. Recorded from flowers of *Opuntia littoralis* var. *littoralis* (Engelm.) Cockerell on Santa Catalina (Grant & Connell 1979; Grant & Grant 1979). This species was recorded by all authors cited above prior to Powell et al. (2020) as *Carpophilus pallipennis*.

Cryptarchinae

Notes. Two genera and seven species of Cryptarchinae have been recorded from California (Parsons 1943; McCoshum et al. 2012).

Cryptarcha Shuckard, 1839
Nomenclatural Authority: McElrath, Gimmel & Powell (2021)
Notes. Three species of *Cryptarcha* have been recorded from California (Parsons 1943).

Cryptarcha gila Parsons, 1938
Nomenclatural Authority: McElrath, Gimmel & Powell (2021)
Literature Records: Santa Cruz (Naughton et al. 2014: 304)
Digitized Records: Santa Catalina (2 SBMNH), Santa Rosa (2 SBMNH)
Range: Also known from mainland (Parsons 1943).

Glischrochilus Reitter, 1873
Nomenclatural Authority: McElrath, Gimmel & Powell (2021)
Notes. Four species of *Glischrochilus* are known from California (M Gimmel, unpublished data).

Glischrochilus quadrisignatus (Say, 1835)
Nomenclatural Authority: McElrath, Gimmel & Powell (2021)
Literature Records: Santa Catalina (McCoshum et al. 2012: 348)
Digitized Records: Santa Catalina (1 SBMNH)
Range: Also known from mainland (McCoshum et al. 2012).
Notes. This species is adventive in California (McCoshum et al. 2012).

Glischrochilus sanguinolentus (Olivier, 1790)
Nomenclatural Authority: McElrath, Gimmel & Powell (2021)
Literature Records: Santa Catalina (McCoshum et al. 2012: 348)
Digitized Records: Santa Catalina (1 SBMNH)
Range: Also known from mainland (McCoshum et al. 2012).
Notes. This species is adventive in California (McCoshum et al. 2012).

Meligethinae

Notes. Two genera and two species of Meligethinae have been recorded from California (Parsons 1943; Easton 1955). Easton (1955) revised the species in this subfamily for North America. Generic concepts and some species concepts, however, have changed since then (Audisio et al. 2009).

Brassicogethes Audisio & Cline, 2009
Nomenclatural Authority: Audisio et al. (2009)
Notes. This genus contains one species in California (Parsons 1943; Audisio et al. 2009).

Brassicogethes aeneus (Fabricius, 1775)
Nomenclatural Authority: Audisio et al. (2009)
Literature Records: none
Digitized Records: Santa Catalina (1 SBMNH)
Range: Also known from mainland (Parsons 1943; Easton 1955).
Notes. This species is Holarctic in distribution (Audisio et al. 2009).

Nitidulinae

Notes. Eight genera and 19 species of Nitidulinae are known to occur in California (M Gimmel, unpublished data).

Nitidula Fabricius, 1775
Nomenclatural Authority: Parsons (1943); McElrath, Gimmel & Powell (2021)
Notes. This genus contains three species in California (Parsons 1943). Parsons (1943) provided a key to species in North America.

Nitidula flavomaculata Rossi, 1790
Nomenclatural Authority: McElrath, Gimmel & Powell (2021)
Literature Records: none
Digitized Records: Santa Catalina (1 SBMNH)
Range: Also known from mainland (Parsons 1943).

Notes. This species was introduced into North America from the Mediterranean region (Parsons 1943).

Thalycra Erichson, 1843

Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

Notes. This genus contains eight species in California (Howden 1961; M Gimmel, unpublished data). Howden (1961) provided a key to New World species.

Thalycra undetermined species

Literature Records: none

Digitized Records: Santa Rosa (8 SBMNH)

CUCUJOIDEA

Cryptophagidae

Notes. Two subfamilies, 11 genera, and 60 species of Cryptophagidae are known to occur in California (M Gimmel, unpublished data). Pelletier & Hébert (2019) provided a revision and identification guide to the species of Cryptophagidae in the northern US and Canada, which is helpful for making identifications in the southern US as well.

Atomariinae

Notes. Two genera and 28 species of Atomariinae, all belonging to Atomariini, are known to occur in California (M Gimmel, unpublished data).

Atomaria Stephens, 1829

Nomenclatural Authority: Pelletier & Hébert (2019)

Literature Records (genus-only): Santa Rosa (Fall 1897: 237)

Notes. Fall (1897) did not specify subgenus when he cited the record of "*Atomaria* sp.". Pelletier & Hébert (2019) provided a key to most North American species of the genus. Twenty-seven species of *Atomaria* have been reported from California, 11 from the subgenus *Anchicera* Thomson, 1863 and 16 from the subgenus *Atomaria* (*s.str.*) (M Gimmel, unpublished data).

Atomaria (*Anchicera*) *lewisi* Reitter, 1877

Nomenclatural Authority: Pelletier & Hébert (2019)

Literature Records: none

Digitized Records: Santa Cruz (6 SBMNH)

Range: Also known from mainland (Pelletier & Hébert 2019).

Notes. This species is adventive from Europe (Pelletier & Hébert 2019).

Atomaria (*Anchicera*) *nubipennis* Casey, 1900
Nomenclatural Authority: Pelletier & Hébert (2019)
Literature Records: none
Digitized Records: San Clemente (20 SBMNH)
Range: Also known from mainland (Pelletier & Hébert 2019).

Atomaria (*Atomaria*) *puella* (Casey, 1900)
Nomenclatural Authority: Pelletier & Hébert (2019)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Pelletier & Hébert 2019).

Cryptophaginae: Cryptophagini

Notes. Two tribes, nine genera, and 32 species of Cryptophaginae, of which seven genera and 29 species belong to Cryptophagini, are known to occur in California (M Gimmel, unpublished data).

Cryptophagus Herbst, 1792
Nomenclatural Authority: Pelletier & Hébert (2019)
Notes. Woodroffe & Coombs (1961) revised the genus *Cryptophagus* for North America. Pelletier & Hébert (2019) provided an updated key to and illustrations of most North American species. In California, 22 species have been reported (M Gimmel, unpublished data).

Cryptophagus tuberculosus Mäklin, 1853
Nomenclatural Authority: Woodroffe & Coombs (1961); Pelletier & Hébert (2019)
Literature Records: San Clemente (Fall 1897: 237; Cockerell 1940: 286), Santa Catalina (Fall 1897: 237; Cockerell 1940: 286)
Digitized Records: San Clemente (5 SBMNH), Santa Cruz (5 SBMNH)
Range: Also known from mainland (Woodroffe & Coombs 1961).
Notes. Fall (1897) recorded this species as "*Cryptophagus* sp.", which Cockerell (1940) indicated as *Cryptophagus debilis* LeConte, 1858 based on communication from H.C. Fall. *Cryptophagus debilis* was synonymized with *C. tuberculosus* by Woodroffe & Coombs (1961).

Laemophloeidae, NEW FAMILY RECORD

Notes. Eight genera and 16 species of Laemophloeidae are known to occur in California (M Gimmel, unpublished data).

Narthecius LeConte, 1861

Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

Notes. Two species of *Narthecius* are known to occur in California (M Gimmel, unpublished data).

Narthecius striaticeps Fall, 1907

Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (Fall & Cockerell 1907).

Phalacridae

Notes. Five genera and 21 species of Phalacridae are known to occur in California (M Gimmel, unpublished data).

Phalacrus Paykull, 1800

Nomenclatural Authority: Gimmel (2013)

Notes. This genus needs revision; the species in North America are not currently identifiable (Gimmel 2013).

Phalacrus undetermined species 1

Literature Records: none

Digitized Records: San Nicolas (6 SBMNH)

Notes. This species has microsculpture on the elytra, the left mandible with a ventral tooth, and a prominent metaventral process that exceeds the mesocoxae; this possibly represents *Phalacrus conjunctus* Casey, 1890 (MLG, personal observation).

Phalacrus undetermined species 2

Literature Records: Santa Cruz (Naughton et al. 2014: 304)

Digitized Records: Santa Cruz (3 SBMNH)

Notes. This species has no microsculpture on the elytra, the left mandible with a ventral tooth, and a short metaventral process not exceeding the mesocoxae; this possibly represents *Phalacrus ovalis* LeConte, 1856 (MLG, personal observation). Santa Cruz Island vouchers from the Naughton et al. (2014) study citing "*Phalacrus* sp." were examined by MLG and belong to this morphospecies.

Silvanidae, NEW FAMILY RECORD

Notes. Two subfamilies, nine genera, and 14 species of Silvanidae are known to occur in California (M Gimmel, unpublished data).

Silvanoprus Reitter, 1911

Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

Notes. One introduced species of *Silvanoprus* is now known from California; the record below represents a **new state record** for the genus.

Silvanoprus angusticollis (Reitter, 1876)

Nomenclatural Authority: McElrath, Gimmel & Powell (2021)

Literature Records: none

Digitized Records: Santa Cruz (6 SBMNH)

Range: Also known from mainland (McElrath, Gimmel & Powell 2021).

Notes. This represents a **new state record** for California. This species is adventive in North America.

CHRYSOMELOIDEA

Cerambycidae

Notes. Seven subfamilies, 143 genera, and 317 species of Cerambycidae are known to occur in California (M Gimmel, unpublished data). Bezark & Monné (2013) provided a nomenclatural checklist of all New World Cerambycidae. Linsley (1962, 1963, 1964), Linsley & Chemsak (1984, 1995), and Chemsak (1996, 2005) monographed the North American fauna. The subfamily Parandrinae occurs on the nearby mainland but is not known from the Channel Islands.

Cerambycinae

Notes. Twenty-three tribes, 72 genera, and 161 species of Cerambycinae are known to occur in California (M Gimmel, unpublished data).

Callidiini

Notes. Six genera and 35 species of Callidiini are known to occur in California (M Gimmel, unpublished data).

Callidiellum Linsley, 1940

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Two species of *Callidiellum* are known to occur in California, plus one species (*C. rufipenne* below) recorded only as an interception (M Gimmel, unpublished data).

Callidiellum rufipenne (Motschulsky, 1860)
Nomenclatural Authority: Linsley (1964); Miller & Miller (1985)
Literature Records: Santa Barbara (Miller & Miller 1985: 130)
Digitized Records: none
Range: Also known from mainland (Linsley 1964).
Notes. Introduced to North America from eastern Asia; the Santa Barbara Island record is probably an interception and does not represent a breeding population (see Miller & Miller 1985).

Phymatodes Mulsant, 1839
Nomenclatural Authority: Bezark & Monné (2013)
Notes. Fifteen species of *Phymatodes* are known to occur in California (M Gimmel, unpublished data). Swift & Ray (2010) presented a revised key to the North American species.

Phymatodes decussatus (LeConte, 1857)
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: Santa Rosa (Fall 1897: 238)
Digitized Records: Santa Cruz (2 SBMNH), Santa Rosa (3 SBMNH)
Range: Also known from mainland (Linsley 1964).
Notes. According to Linsley (1964: 50), the subspecies occurring in coastal California is *P. d. decussatus*. Fall (1897) reported this species as *Phymatodes juglandis* Leng, 1890, and listed the record with a question mark; this record was included in the species' synonymy in Linsley (1964: 52). However, *P. juglandis* was recently made a junior synonym of *P. decussatus* by Swift & Ray (2010: 42).

Phymatodes grandis Casey, 1912
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: none
Digitized Records: Santa Catalina (20 LACM; 8 SBMNH; 2 iNat), Santa Cruz (4 LACM; 7 SBMNH)
Range: Also known from mainland (Linsley 1964).
Notes. The species *Phymatodes obscurus* (LeConte, 1859) was given the unnecessary replacement name of *Phymatodes lecontei* Linsley, 1938, but the proper name for this species is *P. grandis* (see Swift & Ray 2010).

Clytini

Notes. Eight genera and 30 species of Clytini have been recorded from California (Linsley 1964; M Gimmel, unpublished data).

Xylotrechus Chevrolat, 1860

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Eight species of *Xylotrechus* have been recorded from California (M Gimmel, unpublished data).

Xylotrechus insignis LeConte, 1873

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 147; Cockerell 1940: 286)

Digitized Records: Santa Catalina (1 CASC; 4 LACM)

Range: Also known from mainland (Fall 1901; Linsley 1964).

Notes. Fall (1897, 1901) recorded this species as *Xylotrechus obliteratus* LeConte, 1873, which was amended to *X. insignis* by communication of E.G. Linsley to Cockerell (1940). Fall (1897) reported that it occurred on willows.

Xylotrechus nauticus (Mannerheim, 1843)

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: Santa Cruz (Linsley 1964: 109 [map])

Digitized Records: Santa Catalina (2 CASC), Santa Cruz (7 CASC; 5 SBMNH)

Range: Also known from mainland (Linsley 1964).

Eburiini

Notes. Two genera and three species of Eburiini have been recorded from California (Linsley 1962, 1963).

Enaphalodes Haldeman, 1847

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Two species of *Enaphalodes* have been recorded from California (Linsley 1963).

Enaphalodes hispicornis (Linnaeus, 1767)

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 144; Garnett 1918: 177; Linsley 1963: 66 [map])

Digitized Records: Santa Catalina (6 LACM)

Range: Also known from mainland (Fall 1901; Garnett 1918; Linsley 1963).

Notes. This species was reported by Fall (1897, 1901) and Garnett (1918) as *Romaleum simplicicolle* (Haldeman, 1847), which is now recognized as a synonym of the variable species *E. hispicornis* (see Linsley 1963: 64).

Hesperophanini

Notes. Six genera and eight species of Hesperophanini have been recorded from California (Linsley 1962).

Brothylus LeConte, 1859

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Two species of *Brothylus* have been recorded from California (Linsley 1962).

Brothylus gemmulatus LeConte, 1859

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: none

Digitized Records: Santa Catalina (22 LACM; 1 iNat)

Range: Also known from mainland (Linsley 1962).

Holopleurini

Notes. One species of Holopleurini has been recorded from California (Linsley 1962).

Holopleura LeConte, 1873

Nomenclatural Authority: Bezark & Monné (2013)

Notes. One species of *Holopleura* has been recorded from California (Linsley 1962).

Holopleura marginata LeConte, 1873

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: none

Digitized Records: Santa Catalina (3 LACM)

Range: Also known from mainland (Linsley 1962).

Hyboderini

Notes. Four genera and six species of Hyboderini have been recorded from California (Linsley 1963).

Callimus Mulsant, 1864

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Two species of *Callimus* have been recorded from California (Linsley 1963, as *Lampropterus* Mulsant, 1863).

Callimus ruficollis (LeConte, 1873)
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: none
Digitized Records: Santa Catalina (3 LACM), Santa Cruz (29 LACM; 1 SBMNH)
Range: Also known from mainland (Linsley 1963).
Notes. Linsley (1963) reported this species as *Lampropterus ruficollis*.

Megobrium LeConte, 1873
Nomenclatural Authority: Bezark & Monné (2013)
Notes. One species of *Megobrium* has been recorded from California (Linsley 1963).

Megobrium edwardsi LeConte, 1873
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: Santa Rosa (LeConte 1873: 193; Fall 1897: 238; Fall 1901: 145; Garnett 1918: 206; Linsley 1963: 150)
Digitized Records: Santa Catalina (2 SBMNH; 4 LACM)
Range: Also known from mainland (Fall 1901; Garnett 1918; Linsley 1963).
Notes. Often misspelled *M. edwardsii*, this species was considered endemic at the time of its description (LeConte 1873).

Methiini

Notes. Two genera and eight species of Methiini are known to occur in California (Linsley 1962; M Gimmel, unpublished data).

Styloxus LeConte, 1873
Nomenclatural Authority: Bezark & Monné (2013)
Notes. Two species of *Styloxus* have been recorded from California (Linsley 1962).

Styloxus fulleri (Horn, 1880)
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: none
Digitized Records: Santa Cruz (1 iNat)
Range: Also known from mainland (Linsley 1962).
Notes. According to Linsley (1962: 40), the subspecies occurring in California is *S. f. californicus* (Fall, 1901).

Oemini

Notes. Six genera and six species of Oemini are known to occur in California (Linsley 1962; M Gimmel, unpublished data).

Paranoplium Casey, 1924

Nomenclatural Authority: Bezark & Monné (2013)

Notes. One species of *Paranoplium* has been recorded from California (Linsley 1962).

Paranoplium gracile (LeConte, 1881)

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: Santa Catalina (Fall 1897: 238; Fall 1901: 144; Garnett 1918: 176)

Digitized Records: Santa Catalina (1 LACM)

Range: Also known from mainland (Fall 1901; Garnett 1918; Linsley 1962).

Notes. This species was reported by Fall (1897, 1901) and Garnett (1918) as *Oeme gracilis*. According to Linsley (1962: 20), the coastal California subspecies is *P. g. gracile*.

Psebiini

Notes. One species of Psebiini has been recorded from California (Linsley 1963).

Nathrius Brèthes, 1916

Nomenclatural Authority: Bezark & Monné (2013)

Notes. One species of *Nathrius* is known to occur in California (Linsley 1963).

Nathrius brevipennis (Mulsant, 1839)

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH)

Range: Also known from mainland (Linsley 1963).

Notes. This species was introduced to North America from southern Europe (Linsley 1963: 155; Bezark & Monné 2013).

Phoracanthini

Notes. One genus and two species of Phoracanthini are known to occur in California (Bezark & Monné 2013).

Phoracantha Newman, 1840

Nomenclatural Authority: Bezark & Monné (2013)
Notes. Two species of *Phoracantha* are now known to occur in California (Bezark & Monné 2013).

Phoracantha recurva Newman, 1840
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: none
Digitized Records: Santa Catalina (1 SBMNH; 1 iNat), Santa Cruz (2 SBMNH)
Range: Also known from mainland (Bezark & Monné 2013).
Notes. This species was introduced to North America from Australia (Bezark & Monné 2013).

Phoracantha semipunctata (Fabricius, 1775)
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: none
Digitized Records: Santa Catalina (2 LACM), Santa Cruz (3 SBMNH)
Range: Also known from mainland (Bezark & Monné 2013).
Notes. This species was introduced to North America from Australia (Bezark & Monné 2013).

Lamiinae

Notes. Nine tribes, 20 genera, and 31 species of Lamiinae have been recorded from California (Linsley & Chemsak 1984, 1995).

Acanthocinini

Notes. Seven genera and eight species of Acanthocinini have been recorded from California (Linsley & Chemsak 1995).

Sternidocinus Dillon, 1956
Nomenclatural Authority: Bezark & Monné (2013)
Notes. One species of *Sternidocinus* occurs in California (Linsley & Chemsak 1995).

Sternidocinus barbarus (Van Dyke, 1920)
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: Santa Cruz (Dillon 1956: 167; Linsley & Chemsak 1995: 57)
Digitized Records: Santa Cruz (11 LACM; 5 SBMNH)
Range: Also known from mainland (Dillon 1956; Linsley & Chemsak 1995).

Parmenini

Notes. Two genera and two species of Parmenini have been recorded from California (Linsley & Chemsak 1984).

Ipochus LeConte, 1852

Nomenclatural Authority: Bezark & Monné (2013)

Notes. One species of *Ipochus* occurs in California (Linsley & Chemsak 1984).

Ipochus fasciatus LeConte, 1852

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: Anacapa (Linsley & Chemsak 1984: 11 [map]; Miller & Miller 1985: 130), San Clemente (Linsley & Chemsak 1984: 11 [map]), San Miguel (Cockerell 1940: 287; Linsley & Chemsak 1984: 11 [map]; Miller & Miller 1985: 130), Santa Barbara (Miller & Miller 1985: 130), Santa Catalina (Fall 1897: 238; Casey 1913b: 281; Cockerell 1940: 287; Miller & Miller 1985: 130), Santa Cruz (Linsley & Chemsak 1984: 11 [map]; Miller & Miller 1985: 130; Naughton et al. 2014: 303), Santa Rosa (Linsley & Chemsak 1984: 11 [map]; Miller & Miller 1985: 130)

Digitized Records: Anacapa (3 CASC; 11 LACM; 2 SBMNH), San Miguel (5 LACM; 11 SBMNH), San Nicolas (1 SBMNH), Santa Barbara (1 LACM), Santa Catalina (3 CASC; 12 LACM; 6 SBMNH; 1 SDNHM; 1 USNM; 2 iNat), Santa Cruz (1 CASC; 1 LACM; 7 SBMNH; 1 iNat), Santa Rosa (1 CASC; 6 LACM; 1 SBMNH)

Range: Also known from mainland (Linsley & Chemsak 1984).

Notes. Fall (1897) reported this species occurring “rather plentifully… under bark and on the branches of dead *Rhus laurina* (or *R. integrifolia*).” Casey (1913b) reported the presumed endemic Santa Catalina Island population as *Ipochus catalinae* Casey, 1913. This species was synonymized with *I. fasciatus* by Linsley & Chemsak (1984: 12), a finding already suggested by Cockerell (1940: 287).

Phytoeciini

Notes. Two genera and two species of Phytoeciini have been recorded from California (Linsley & Chemsak 1995).

Oberea Mulsant, 1839

Nomenclatural Authority: Bezark & Monné (2013)

Notes. One species of *Oberea* has been recorded from California (Linsley & Chemsak 1995).

Oberea quadricallosa LeConte, 1874

Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: none
Digitized Records: Santa Cruz (2 SBMNH)
Range: Also known from mainland (Linsley & Chemsak 1995).

Pogonocherini

Notes. Four genera and eight species of Pognocherini have been recorded from California (Linsley & Chemsak 1984).

Lophopogonius Linsley, 1935
Nomenclatural Authority: Bezark & Monné (2013)
Notes. One species of *Lophopogonius* has been recorded from California (Linsley & Chemsak 1984).

Lophopogonius crinitus (LeConte, 1873)
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH), Santa Rosa (3 SBMNH)
Range: Also known from mainland (Linsley & Chemsak 1984).

Saperdini

Notes. One genus and three species of Saperdini have been recorded from California (Linsley & Chemsak 1984).

Saperda Fabricius, 1775
Nomenclatural Authority: Bezark & Monné (2013)
Notes. Three species of *Saperda* have been recorded from California (Linsley & Chemsak 1995).

Saperda horni Joutel, 1902
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Linsley & Chemsak 1995).

Lepturinae

Notes. Six tribes, 35 genera, and 89 species of Lepturinae have been recorded from California (Chemsak 2005). Chemsak (2005) provided a guide to the genera and species of the subfamily in North America.

Desmocerini

Notes. One genus and two species of Desmocerini have been recorded from California (Chemsak 2005).

Desmocerus Dejean, 1821

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Two species of *Desmocerus* have been recorded from California (Chemsak 2005).

Desmocerus californicus Horn, 1881

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: none

Digitized Records: Santa Cruz (3 LACM), Santa Rosa (1 LACM)

Range: Also known from mainland (Chemsak 2005).

Notes. All island records of this species belong to *D. c. californicus* Horn, 1881. The other subspecies, *D. c. dimorphus* Fisher, 1921, is restricted to the Central Valley of California and is federally protected.

Lepturini

Notes. Eighteen genera and 48 species of Lepturini have been recorded from California (Chemsak 2005).

Anastrangalia Casey, 1924

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Two species of *Anastrangalia* have been recorded from California (Chemsak 2005).

Anastrangalia laetifica (LeConte, 1859)

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: none

Digitized Records: Santa Cruz (1 CASC; 1 LACM; 4 SBMNH; 1 iNat)

Range: Also known from mainland (Chemsak 2005).

Strophiona Casey, 1913

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Two species of *Strophiona* have been recorded from California (Chemsak 2005).

Strophiona tigrina Casey, 1913
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: none
Digitized Records: Santa Catalina (2 SBMNH), Santa Cruz (1 LACM; 2 SBMNH)
Range: Also known from mainland (Chemsak 2005).

Xestoleptura Casey, 1913
Nomenclatural Authority: Bezark & Monné (2013)
Notes. Four species of *Xestoleptura* have been recorded from California (Chemsak 2005).

Xestoleptura crassipes (LeConte, 1857)
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Chemsak 2005).

Necydalini

Notes. Two genera and seven species of Necydalinae have been recorded from California (Chemsak 2005). The tribe is sometimes recognized as a full subfamily (e.g., Bezark & Monné 2013).

Necydalis Linnaeus, 1758
Nomenclatural Authority: Bezark & Monné (2013)
Notes. There are six California species of the Holarctic genus *Necydalis* (Chemsak 2005).

Necydalis laevicollis LeConte, 1869
Nomenclatural Authority: Bezark & Monné (2013)
Literature Records: none
Digitized Records: Santa Rosa (1 USNM)
Range: Also known from mainland (Chemsak 2005).
Notes. The Santa Rosa Island record represents a significant southerly range extension for this species; the nearest recorded specimens are known from the San Francisco Bay Area (Chemsak 2005).

Rhagiini

Notes. Twelve genera and 35 species of Rhagiini have been recorded from California (Chemsak 2005).

Brachysomida Casey, 1913

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Two species of *Brachysomida* have been recorded from California (Chemsak 2005).

Brachysomida californica (LeConte, 1851)

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: none

Digitized Records: Santa Rosa (1 SBMNH)

Range: Also known from mainland (Chemsak 2005).

Centrodera LeConte, 1850

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Seven species of *Centrodera* have been recorded from California (Chemsak 2005).

Centrodera autumnata Leech, 1963

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: none

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

Range: Also known from mainland (Chemsak 2005).

Centrodera spurca (LeConte, 1857)

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: none

Digitized Records: Santa Cruz (2 iNat)

Range: Also known from mainland (Chemsak 2005).

Stenocorus Geoffroy, 1762

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Four species of *Stenocorus* have been recorded from California (Chemsak 2005).

Stenocorus (*Stenocorus*) *vestitus* (Haldeman, 1847)

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: none

Digitized Records: Santa Cruz (2 LACM; 11 SBMNH; 1 SDNHM)

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
10582 California (M Gimmel, unpublished data).
10583
10584 Callipogonini
10585
10586 Notes. One genus and two species of Callipogonini have been recorded from California
10587 (Chemsak 1996; Swift, Santos-Silva & Nearns 2010).
10588
10589 *Trichocnemis* LeConte, 1851
10590 Nomenclatural Authority: Bezark & Monné (2013)
10591 Notes. This genus was reviewed by Swift, Santos-Silva & Nearns (2010). Two species
10592 occur in California (Chemsak 1996; Swift, Santos-Silva & Nearns 2010).
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
10600 (1996), but was returned to *Trichocnemis* in Swift, Santos-Silva & Nearns (2010).
10601
10602 Prionini
10603
10604 Notes. Two genera and five species of Prionini have been recorded from California (M
10605 Gimmel, unpublished data).
10606
10607 *Prionus* Geoffroy, 1762
10608 Nomenclatural Authority: Santos-Silva, Nearns & Swift (2016)
10609 Notes. This genus was revised for the New World by Santos-Silva, Nearns & Swift
10610 (2016). Two species occur in California (Chemsak 1996; Santos-Silva, Nearns & Swift 2016).
10611
10612 *Prionus* (*Prionus*) *californicus* Motschulsky, 1845
10613 Nomenclatural Authority: Santos-Silva, Nearns & 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, Nearns
10617 & Swift 2016).

Notes. It is somewhat surprising that this large and readily recognizable species has not been reported in the literature from Santa Cruz Island before now.

Spondylidinae: Asemini

Notes. Three tribes, seven genera, and 16 species of Spondylidinae, of which four genera and nine species belong to Asemini, have been recorded from California (Chemsak 1996).

Arhopalus Audinet-Serville, 1834

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Three species of this genus are known to occur in California (Chemsak 1996). A key to the North American species was provided by Chemsak (1996).

Arhopalus asperatus (LeConte, 1859)

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: Santa Catalina (Linsley 1962: 71 [map])

Digitized Records: none

Range: Also known from mainland (Linsley 1962; Chemsak 1996).

Arhopalus productus (LeConte, 1850)

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: Santa Catalina (Linsley 1962: 74 [map])

Digitized Records: none

Range: Also known from mainland (Linsley 1962; Chemsak 1996).

Asemum Eschscholtz, 1830

Nomenclatural Authority: Bezark & Monné (2013)

Notes. Three species of this genus are known to occur in California (Chemsak 1996). A key to the North American species was provided by Chemsak (1996).

Asemum nitidum LeConte, 1873

Nomenclatural Authority: Bezark & Monné (2013)

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (Linsley 1962; Chemsak 1996).

Chrysomelidae

Notes. Nine subfamilies, 105 genera, and 436 species of Chrysomelidae have been 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

SBMNH), San Miguel (5 LACM; 1 SBMNH), San Nicolas (8 LACM; 1 SBMNH), Santa Cruz (2 LACM), Santa Rosa (57 LACM; 1 SBMNH)
Range: Also known from mainland (Kingsolver 2004).
Notes. Fall (1910) recorded this species as *Bruchus pullus*.

Megacerus Fåhraeus, 1839
Nomenclatural Authority: Kingsolver (2004)
Notes. One species of *Megacerus* has been recorded from California (Kingsolver 2004).

Megacerus (*Megacerus*) *impiger* (Horn, 1873)
Nomenclatural Authority: Kingsolver (2004)
Literature Records: Santa Cruz (Schlising 1980: 6 [map])
Digitized Records: San Nicolas (1 SBMNH), Santa Cruz (1 SBMNH)
Range: Also known from mainland (Schlising 1980; Kingsolver 2004).

Stator Bridwell, 1946
Nomenclatural Authority: Kingsolver (2004)
Notes. Two species of *Stator* have been recorded from California (Kingsolver 2004).

Stator limbatus (Horn, 1873)
Nomenclatural Authority: Kingsolver (2004)
Literature Records: Santa Catalina (Cockerell 1940: 287; Johnson 1963: 861)
Digitized Records: Santa Catalina (1 iNat)
Range: Also known from mainland (Johnson 1963; Kingsolver 2004).
Notes. Recorded as *Bruchus limbatus* by Cockerell (1940).

Cassidinae: Cassidini

Notes. Three tribes, 13 genera, and 25 species of Cassidinae are known to occur in California (Riley, Clark & Seeno 2003; M Gimmel, unpublished data).

Charidotella Weise, 1896
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. One species of *Charidotella* has been recorded from California (Riley, Clark & Seeno 2003).

Charidotella sexpunctata (Fabricius, 1781)
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: none
Digitized Records: Anacapa (68 LACM; 15 SBMNH), Santa Cruz (5 SBMNH; 1 UCSB;

6 iNat)
Range: Also known from mainland (Riley, Clark & Seeno 2003).
Notes. The only subspecies of *C. sexpunctata* occurring in California is *C. s. bicolor* (Fabricius, 1798) (Riley, Clark & Seeno 2003).

Chrysomelinae: Chrysomelini

Notes. Two tribes, 14 genera, and 32 species of Chrysomelinae, of which 12 genera and 30 species belong to Chrysomelini, have been recorded from California (Riley, Clark & Seeno 2003; M Gimmel, unpublished data). Wilcox (1972) provided keys to all North American genera and species of Chrysomelinae known at the time.

Calligrapha Chevrolat, 1836
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. Six species of *Calligrapha* have been reported from California (Riley, Clark & Seeno 2003).

Calligrapha (*Calligramma*) *sigmoidea* (LeConte, 1859)
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: none
Digitized Records: Santa Rosa (1 SBMNH)
Range: Also known from mainland (Riley, Clark & Seeno 2003).

Gastrophysa Chevrolat, 1836
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. One species of *Gastrophysa* has been recorded from California (Riley, Clark & Seeno 2003).

Gastrophysa cyanea Melsheimer, 1847
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: none
Digitized Records: San Nicolas (6 SBMNH), Santa Cruz (8 SBMNH), Santa Rosa (4 LACM)
Range: Also known from mainland (Riley, Clark & Seeno 2003).

Phaedon Megerle von Mühlfeld, 1823
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. Five species of *Phaedon* have been recorded from California (Riley, Clark & Seeno 2003).

Phaedon (*Allophaedon*) *prasinellus* (LeConte, 1861)
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: Santa Barbara (Miller & Miller 1985: 131)
Digitized Records: Santa Barbara (1 SBMNH)
Range: Also known from mainland (Riley, Clark & Seeno 2003).

Plagiodera Chevrolat, 1836
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. One species of *Plagiodera* has been recorded from California (Riley, Clark & Seeno 2003).

Plagiodera (*Plagiomorpha*) *californica* (Rogers, 1856)
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: Santa Cruz (Cockerell 1940: 287)
Digitized Records: Santa Cruz (14 LACM; 24 SBMNH)
Range: Also known from mainland (Fall 1901).
Notes. Recorded as *Lina californica* by Cockerell (1940).

Trachymela Weise, 1908
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. One species of *Trachymela* is known from California (Riley, Clark & Seeno 2003).

Trachymela sloanei (Blackburn, 1896)
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: none
Digitized Records: Santa Cruz (2 UCSB; 1 iNat)
Range: Also known from mainland (Riley, Clark & Seeno 2003).
Notes. This species was introduced from Australia (Riley, Clark & Seeno 2003).

Criocerinae: Lemiini

Notes. Two tribes, three genera, and six species of Criocerinae, of which two genera and four species belong to Lemiini, have been recorded from California (Riley, Clark & Seeno 2003; M Gimmel, unpublished data).

Lema Fabricius, 1798
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. Three species of *Lema* have been recorded from California (Riley, Clark & Seeno 2003).

Lema daturaphila Kogan & Goeden, 1970
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: Santa Cruz (Fall & Davis 1934: 144)
Digitized Records: Santa Cruz (74 LACM; 5 SBMNH), Santa Rosa (25 LACM; 2 SBMNH)
Range: Also known from mainland (Riley, Clark & Seeno 2003).
Notes. This species was recorded as *Lema trilineata* var. *californica* Schaeffer, 1933 by Fall & Davis (1934).

Cryptocephalinae: Cryptocephalini

Notes. Three tribes, 10 genera, and 79 species of Cryptocephalinae, of which three genera and 61 species belong to Cryptocephalini, have been recorded from California (Riley, Clark & Seeno 2003; M Gimmel, unpublished data).

Cryptocephalus Geoffroy, 1762
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes: Twelve species of *Cryptocephalus* have been reported from California (Riley, Clark & Seeno 2003). The species were revised for North America by White (1968).

Cryptocephalus sanguinicollis Suffrian, 1852
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: none
Digitized Records: Santa Catalina (1 SBMNH)
Range: The two subspecies of *C. sanguinicollis* together span most of western North America. The subspecies reported from the Channel Islands is *C. s. nigerrimus* Crotch, 1874.

Diachus LeConte, 1880
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. Two species of *Diachus* have been recorded from California (Riley, Clark & Seeno 2003).

Diachus auratus (Fabricius, 1801)
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: San Clemente (Fall 1897: 238), San Miguel (Miller & Davis 1986: 550), Santa Catalina (Fall 1897: 238), Santa Cruz (Naughton et al. 2014: 303), Santa Rosa (Fall 1897: 238)
Digitized Records: Anacapa (5 SBMNH), San Clemente (21 SBMNH), San Miguel (19

SBMNH), San Nicolas (9 SBMNH), Santa Catalina (15 SBMNH), Santa Cruz (16 SBMNH), Santa Rosa (4 SBMNH)
Range: Also known from mainland (Riley, Clark & Seeno 2003).
Notes. This species was reported from flowers of *Malacothrix* by Miller & Davis (1986).

Pachybrachis Chevrolat, 1836

Nomenclatural Authority: Riley, Clark & Seeno (2003)
Digitized Records (genus-only): Santa Cruz (1 UCSB)
Notes. Forty-seven species of *Pachybrachis* have been recorded from California (M Gimmel, unpublished data).

Pachybrachis melanostictus Suffrian, 1852
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: none
Digitized Records: Santa Cruz (16 SBMNH)
Range: Also known from mainland (Riley, Clark & Seeno 2003).

Pachybrachis mobilis Fall, 1915
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: none
Digitized Records: Santa Catalina (3 SBMNH)
Range: Also known from mainland (Riley, Clark & Seeno 2003).

Pachybrachis pluripunctatus Fall, 1915
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: none
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Riley, Clark & Seeno 2003).

Pachybrachis punctatus Bowditch, 1909
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: Santa Catalina (Fall 1915: 343)
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Fall 1915).
Notes. Fall (1915) reported this species as *Pachybrachys punctatus*. Earlier, Fall (1897: 238) listed two separate undetermined "*Pachybrachys*" species from Santa Catalina; this probably represents one of them.

Pachybrachis quadratus Fall, 1915
Nomenclatural Authority: Riley, Clark & Seeno (2003)

Literature Records: Santa Catalina (Fall 1915: 406)
Digitized Records: none
Range: Also known from mainland (Fall 1915).
Notes. Fall (1915) reported this species as *Pachybrachys punctatus*. Earlier, Fall (1897: 238) listed two separate undetermined "*Pachybrachys*" species from Santa Catalina; this probably represents one of them.

Eumolpinae

Notes. Three tribes, 10 genera, and 36 species of Eumolpinae have been recorded from California (Riley, Clark & Seeno 2003; M Gimmel, unpublished data). Straughan & Hadley (1980: 392) recorded "Eumolpinae" from Catalina Harbor, Santa Catalina Island.

Adoxini

Notes. Two genera and four species of Adoxini have been recorded from California (Riley, Clark & Seeno 2003).

Colaspidea Laporte, 1833
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. Three species of *Colaspidea* have been recorded from California (Riley, Clark & Seeno 2003).

Colaspidea smaragdula (LeConte, 1857)
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: San Clemente (Fall 1897: 238; Fall 1901: 154; Fall 1933: 232; Miller 1985a: 21), Santa Catalina (Fall 1897: 238; Fall 1901: 154; Fall 1933: 232; Miller 1985a: 21)
Digitized Records: San Clemente (8 SBMNH), Santa Catalina (2 SBMNH), Santa Cruz (6 SBMNH)
Range: Also known from mainland (Riley, Clark & Seeno 2003).
Notes. A supposed endemic, *Colaspidea subvittata* Fall, 1897, was described from San Clemente and Santa Catalina and reported in the works of Fall (1897, 1901, 1933) and Miller (1985a). The species was later synonymized with the widespread *C. smaragdula* by Schultz (1970), reflected in Riley, Clark & Seeno (2003).

Eumolpini

Notes. Five genera and 22 species of Eumolpini have been recorded from California (Riley, Clark & Seeno 2003; M Gimmel, unpublished data).

Spintherophyta Dejean, 1836

Nomenclatural Authority: Riley, Clark & Seeno (2003)

Notes. Three species of *Spintherophyta* have been recorded from California (Riley, Clark & Seeno 2003; Gilbert & Clark 2020). These were keyed by Gilbert & Clark (2020).

Spintherophyta punctum Gilbert & Clark, 2020

Nomenclatural Authority: Riley, Clark & Seeno (2003)

Literature Records: Santa Rosa (Gilbert & Clark 2020: 558)

Digitized Records: none

Range: Endemic (Gilbert & Clark 2020).

Notes. The holotype and paratypes of this species were collected "on leaves of willow" (Gilbert & Clark 2020).

Galerucinae

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.

Alticini

Notes. Twenty genera and 114 species of Alticini have been recorded from California (Riley, Clark & Seeno 2003; M Gimmel, unpublished data).

Altica Geoffroy, 1762

Nomenclatural Authority: Riley, Clark & Seeno (2003)

Notes. Twenty species of *Altica* have been recorded from California (Riley, Clark & Seeno 2003).

Altica undetermined species

Literature Records: none

Digitized Records: Anacapa (4 SBMNH), Santa Cruz (1 SBMNH)

Aulacothorax Boheman, 1858

Nomenclatural Authority: Bezděk & Konstantinov (2017).

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).

Aulacothorax recticollis (LeConte, 1861)
Nomenclatural Authority: Bezděk & Konstantinov (2017)
Literature Records: none
Digitized Records: Santa Catalina (3 SBMNH), Santa Cruz (1 SBMNH)
Range: Also known from mainland (Riley, Clark & Seeno 2003).
Notes. This species was until recently known as *Orthaltica recticollis* (see Bezděk & Konstantinov 2017).

Dibolia Latreille, 1829
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. Three species of *Dibolia* have been recorded from California (Riley, Clark & Seeno 2003). The genus was revised for North America by Parry (1974).

Dibolia californica Parry, 1974
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: none
Digitized Records: Santa Cruz (4 SBMNH)
Range: Also known from mainland (Parry 1974).

Disonycha Chevrolat, 1836
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. Nine species of *Disonycha* have been recorded from California (Riley, Clark & Seeno 2003). Blake (1933) keyed out the species.

Disonycha latiovittata Hatch, 1932
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: none
Digitized Records: Santa Cruz (27 LACM), Santa Rosa (11 LACM)
Range: Also known from mainland (Blake 1933).

Epitrix Foudras, 1859
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. Four species of *Epitrix* have been recorded from California (Riley, Clark & Seeno 2003). Seeno & Andrews (1972) provided keys to the California species.

Epitrix similaris Gentner, 1944
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: Santa Catalina (Gentner 1944: 142; Seeno & Andrews 1972: 59 [map])
Digitized Records: none

Range: Also known from mainland (Gentner 1944; Seeno & Andrews 1972).

Epitrix subcrinita (LeConte, 1857)
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: Santa Cruz (Naughton et al. 2014: 303)
Digitized Records: Santa Cruz (6 SBMNH)
Range: Also known from mainland (Seeno & Andrews 1972).
Notes. MLG examined vouchers from the Naughton et al. (2014) study, which were previously identified only to genus; they belong to *E. subcrinita*.

Longitarsus Berthold, 1827
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. Ten species of *Longitarsus* have been recorded from California (Riley, Clark & Seeno 2003).

Longitarsus undetermined species 1
Literature Records: none
Digitized Records: San Clemente (1 SBMNH)
Notes. This is a pale, brachypterous species with complete elytra and long antennae, and less than 1.5 mm in total body length (MLG, personal observation).

Longitarsus undetermined species 2
Literature Records: none
Digitized Records: San Nicolas (2 SBMNH)
Notes. This is a pale, brachypterous species with complete elytra and short antennae, and at least 2.0 mm in total body length (MLG, personal observation).

Phyllotreta Chevrolat, 1836
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Digitized Records (genus-only): Santa Cruz (1 SBMNH)
Notes. Twenty-one species of *Phyllotreta* have been recorded from California (Riley, Clark & Seeno 2003). The specimen from Santa Cruz Island housed in the SBMNH has been tentatively identified as *Phyllotreta inconspicua* Chittenden, 1927, pending examination of the type of that species (H Douglas, 2022, pers. comm.).

Phyllotreta pusilla Horn, 1889
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: Santa Catalina (Fall 1897: 238)
Digitized Records: none
Range: Also known from mainland (Riley, Clark & Seeno 2003).

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).

Trirhabda LeConte, 1865

Nomenclatural Authority: Riley, Clark & Seeno (2003)

Digitized Records (genus-only): Santa Cruz (9 UCSB)

Notes. Sixteen species of *Trirhabda* have been recorded from California (Riley, Clark & Seeno 2003).

Trirhabda confusa Blake, 1931

Nomenclatural Authority: Riley, Clark & Seeno (2003)

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (Riley, Clark & Seeno 2003).

Trirhabda sericotrachyla Blake, 1931

Nomenclatural Authority: Riley, Clark & Seeno (2003)

Literature Records: none

Digitized Records: Santa Cruz (10 SBMNH), Santa Rosa (6 SBMNH)

Range: Also known from mainland (Riley, Clark & Seeno 2003).

Luperini

Notes. Nine genera and 49 species of Luperini have been recorded from California (Riley, Clark & Seeno 2003; M Gimmel, unpublished data).

Diabrotica Chevrolat, 1836

Nomenclatural Authority: Riley, Clark & Seeno (2003)

Notes. Two species of *Diabrotica* have been recorded from California (Riley, Clark & Seeno 2003).

Diabrotica undecimpunctata Mannerheim, 1843

Nomenclatural Authority: Riley, Clark & Seeno (2003)

Literature Records: Santa Barbara (Miller & Miller 1985: 130), Santa Catalina (Seavey 1892: 263; Fall 1897: 238), Santa Cruz (Smith 1966: 109 [map]; Miller & Miller 1985: 130)

Digitized Records: Santa Barbara (1 SBMNH), Santa Cruz (8 LACM; 3 SBMNH; 6 UCSB), Santa Rosa (7 LACM)

Range: Also known from mainland (Smith 1966; Riley, Clark & Seeno 2003).

Notes. This species was recorded as *Diabrotica soror* LeConte, 1865 by Seavey (1892) and Fall (1897).

Scelolyperus Crotch, 1874

Nomenclatural Authority: Riley, Clark & Seeno (2003)
Notes. Twenty species of *Scelolyperus* have been recorded from California (Riley, Clark & Seeno 2003). Clark (1996) revised the genus for North America.

Scelolyperus torquatus (LeConte, 1884)
Nomenclatural Authority: Riley, Clark & Seeno (2003)
Literature Records: Santa Catalina (Wilcox 1965: 140)
Digitized Records: none
Range: Also known from mainland (Wilcox 1965; Clark 1996; Riley, Clark & Seeno 2003).

CURCULIONOIDEA

Attelabidae

Notes. One subfamily (Rhynchitinae), six genera, and 18 species of Attelabidae have been recorded from California (O'Brien & Wibmer 1982).

Deporaus Samouelle, 1819
Nomenclatural Authority: O'Brien & Wibmer (1982)
Notes. One species of *Deporaus* has been recorded from California (O'Brien & Wibmer 1982).

Deporaus glastinus (LeConte, 1857)
Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: none
Digitized Records: Santa Catalina (9 LACM), Santa Cruz (33 LACM; 17 SBMNH)
Range: Also known from mainland (O'Brien & Wibmer 1982; Hamilton 2002).

Temnocerus Thunberg, 1815
Nomenclatural Authority: Hamilton (2002)
Notes. Six species of *Temnocerus* have been recorded from California (O'Brien & Wibmer 1982). This genus was until recently known as *Pselaphorhynchites* Schilsky, 1903.

Temnocerus aeratoides (Fall, 1901)
Nomenclatural Authority: Hamilton (1971); Hamilton (2002)
Literature Records: none
Digitized Records: Santa Cruz (2 SBMNH)
Range: Also known from mainland (Hamilton 1971).
Notes. Hamilton (1971) recorded this species as *Pselaphorhynchites aeratoides*.

Temnocerus aureus (LeConte, 1876)
Nomenclatural Authority: Hamilton (1971); Hamilton (2002)
Literature Records: San Clemente (Fall 1897: 239; Fall 1901: 186)
Digitized Records: Santa Cruz (21 SBMNH)
Range: Also known from mainland (Fall 1901).
Notes. Fall (1897, 1901) recorded this species as *Rhynchites aureus*, and Hamilton (1971) as *Pselaphorhynchites aureus*.

Temnocerus insularis (Fall, 1929)
Nomenclatural Authority: Hamilton (1971); Hamilton (2002)
Literature Records: San Clemente (Fall 1929b: 294), Santa Catalina (Fall 1897: 239; Fall 1929b: 294; Hamilton 1971: 986)
Digitized Records: none
Range: Also known from mainland (Hamilton 1971).
Notes. Fall (1897: 239) reported this species as "*Rhynchites* sp. nov.?"; Fall (1929b) recorded this species as *Rhynchites insularis*, and Hamilton (1971) recorded it as *Pselaphorhynchites insularis*. The species was thought to be endemic at the time of its description (Fall 1929b).

Temnocerus naso (Casey, 1885)
Nomenclatural Authority: Hamilton (1971); Hamilton (2002)
Literature Records: none
Digitized Records: Santa Cruz (1 UCRC)
Range: Also known from mainland (Hamilton 1971).
Notes. Hamilton (1971) recorded this species as *Pselaphorhynchites naso*. This species is distributed through much of mainland southern California (Hamilton 1971).

Brentidae

Notes. One subfamily, 13 genera, and 35 species of Brentidae have been recorded from California (M Gimmel, unpublished data).

Apioninae

Literature Records (subfamily-only): Santa Cruz (Naughton et al. 2014: 303; digital)
Digitized Records (subfamily-only): San Clemente (3 SBMNH), San Miguel (1 SBMNH), Santa Cruz (51 SBMNH), Santa Rosa (3 SBMNH)
Notes. This subfamily is fairly diverse in California, with 13 genera and 35 species recorded (O'Brien & Wibmer 1982; M Gimmel, unpublished data). Although they were

monographed for North America by Kissinger (1968), they are exceedingly challenging to identify. Because of this challenge, we have included a "Digitized Records" section above for this subfamily to indicate the amount of material in dire need of expert determination.

Coelocephalapion Wagner, 1914

Nomenclatural Authority: Anderson & Kissinger (2002)

Notes. Six species of *Coelocephalapion* have been recorded from California (O'Brien & Wibmer 1982).

Coelocephalapion antennatum (Smith, 1884)

Nomenclatural Authority: Kissinger (1968)

Literature Records: Santa Catalina (Fall 1897: 239), Santa Cruz (Kissinger 1968: 249)

Digitized Records: none

Range: Also known from mainland (Kissinger 1968).

Notes. Recorded as *Apion antennatum* by Fall (1897) and Kissinger (1968), with the latter work not including the species in a subgenus. A new classification of former *Apion* Herbst, 1797 was developed by Alonso-Zarazaga (1990), but not fully implemented for North American species (Anderson & Kissinger 2002); however, this species has been informally moved to the genus *Coelocephalapion* in, e.g., bugguide.net.

Coelocephalapion californicum (Smith, 1884)

Nomenclatural Authority: Kissinger (1968)

Literature Records: Santa Cruz (Cockerell 1940: 287)

Digitized Records: none

Range: Also known from mainland (Kissinger 1968).

Notes. Reported by Cockerell (1940) as *Apion californicum*. Kissinger (1968) included this species in the subgenus *Apion* (*Coelocephalapion*), which was upgraded to genus by Kissinger (1992).

Coelocephalapion oedorhynchum (LeConte, 1858)

Nomenclatural Authority: Kissinger (1968)

Literature Records: Santa Catalina (Fall 1897: 239; Fall 1898a: 130)

Digitized Records: none

Range: Also known from mainland (Fall 1898a; Kissinger 1968).

Notes. Recorded as *Apion oedorhynchum* by Fall (1897, 1898a) and Kissinger (1968), with the latter work not including the species in a subgenus. A new classification of former *Apion* was developed by Alonso-Zarazaga (1990), but not fully implemented for North American species (Anderson & Kissinger 2002); however, this species has been informally moved to the genus *Coelocephalapion* in, e.g., bugguide.net.

Curculionidae

Notes. Nineteen subfamilies, 221 genera, and 821 species of Curculionidae are known to occur in California (M Gimmel, unpublished data). Subfamilies occurring on the nearby mainland but not known from the Channel Islands include: Bagoinae, Conoderinae, Cryptorhynchinae, Gonipterinae, Mesoptiliinae, Platypodinae.

Baridinae: Baridini

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).

Trichobaris LeConte, 1876

Nomenclatural Authority: Anderson (2002)

Digitized Records (genus-only): Santa Cruz (2 UCSB)

Notes. Three species of *Trichobaris* have been recorded from California (O'Brien & Wibmer 1982).

Trichobaris compacta Casey, 1892

Nomenclatural Authority: O'Brien & Wibmer (1982)

Literature Records: none

Digitized Records: Santa Cruz (5 SBMNH)

Range: Also known from mainland (O'Brien & Wibmer 1982).

Ceutorhynchinae: Ceutorhynchini

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).

Ceutorhynchus Germar, 1824

Nomenclatural Authority: Anderson (2002)

Notes. Twenty-four species of *Ceutorhynchus* are known to occur in California (M Gimmel, unpublished data).

Ceutorhynchus assimilis (Paykull, 1792)

Nomenclatural Authority: O'Brien & Wibmer (1982)

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH)

Range: Also known from mainland (O'Brien & Wibmer 1982).
Notes. This species is introduced from Europe (O'Brien & Wibmer 1982).

Cossoninae

Notes. Five tribes, 12 genera, and 29 species of Cossoninae are known to occur in California (O'Brien & Wibmer 1982; M Gimmel, unpublished data).

Onycholipini

Notes. Two genera and two species of Onycholipini have been recorded from California (M Gimmel, unpublished data).

Pselactus Broun, 1886
Nomenclatural Authority: Anderson (2002)
Notes. A single, adventive species of *Pselactus* is known from North America (Anderson 2002).

Pselactus spadix (Herbst, 1795)
Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: none
Digitized Records: Santa Rosa (2 SBMNH)
Range: Also known from mainland (O'Brien & Wibmer 1982).
Notes. This beach-dwelling and driftwood-inhabiting species is introduced to North America (Anderson 2002).

Rhyncolini

Notes. Five genera and 14 species of Rhyncolini are known to occur in California (M Gimmel, unpublished data).

Elassoptes Horn, 1873
Nomenclatural Authority: Anderson (2002)
Notes. A single species of *Elassoptes* is known from North America (Anderson 2002).

Elassoptes marinus Horn, 1873
Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: none
Digitized Records: San Clemente (2 SBMNH), San Miguel (26 SBMNH), San Nicolas (5 SBMNH), Santa Cruz (16 SBMNH), Santa Rosa (21 SBMNH)

Range: Also known from mainland (O'Brien & Wibmer 1982).
Notes. This species is a beach inhabitant associated with driftwood (Anderson 2002).

Rhyncolus Germar, 1817
Nomenclatural Authority: Anderson (2002)
Literature Records (genus-only): Santa Barbara (Miller & Miller 1985: 131)
Digitized Records (genus-only): San Miguel (4 SBMNH)
Notes. Miller & Miller (1985) recorded the genus only, noting that it needs revision. Nine nominal species of *Rhyncolus* are known to occur in California (M Gimmel, unpublished data).

Rhyncolus cylindricollis Wollaston, 1873
Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: none
Digitized Records: Santa Cruz (6 SBMNH)
Range: Also known from mainland (O'Brien & Wibmer 1982).

Curculioninae

Notes. Nine tribes, 23 genera, and 131 species of Curculioninae are known to occur in California (M Gimmel, unpublished data).

Anthonomini

Notes. Six genera and 60 species of Anthonomini are known to occur in California (M Gimmel, unpublished data).

Anthonomus Germar, 1817
Nomenclatural Authority: Anderson (2002)
Digitized Records (genus-only): Anacapa (2 LACM; 2 SBMNH), Santa Catalina (5 SBMNH)
Notes. Forty-five species of *Anthonomus* belonging to five subgenera (*Anthomorphus* Weise, 1883, *Anthonomochaeta* Dietz, 1891, *Anthonomorphus* Dietz, 1891, *Anthonomus* (*s.str.*), and *Cnemocyllus* Dietz, 1891) are known from California (M Gimmel, unpublished data). The subgenus *Cnemocyllus* was revised by Clark & Burke (2005). All SBMNH genus-only records belong to the subgenus *Cnemocyllus*.

Anthonomus (*Anthonomus*) *pauperculus* LeConte, 1876
Nomenclatural Authority: Clark et al. (2019)
Literature Records: Santa Catalina (Seavey 1892: 262; Fall 1897: 239; Cockerell 1940: 287; Clark et al. 2019: 796)

Digitized Records: none
Range: Also known from mainland (Clark et al. 2019).
Notes. The record of *Anthonomus canus* LeConte, 1876 (now a junior synonym of *Anthonomus* (*Cnemocyllus*) *decipiens* LeConte, 1876) by Seavey (1892) was considered to be erroneous according to H.C. Fall (1897: 235) and refers to *A. pauperculus* (see Cockerell 1940: 287). Members of the *Anthonomus squamosus* LeConte, 1876 species-group, to which *A. pauperculus* belongs, were revised by Clark et al. (2019).

Anthonomus (*Cnemocyllus*) *inermis* Boheman, 1859
Nomenclatural Authority: Clark & Burke (2005)
Literature Records: San Miguel (Miller & Miller 1985: 131), Santa Barbara (Miller & Miller 1985: 131), Santa Rosa (Clark & Burke 2005: 45)
Digitized Records: Santa Barbara (1 LACM)
Range: Also known from mainland (Clark & Burke 2005).
Notes. Recorded as *Anthonomus subvittatus* LeConte, 1876 by Miller & Miller (1985), which is a junior synonym of *A. inermis* (see Clark & Burke 2005). Miller & Miller (1985) reported it from *Hemizonia clementina* (Asteraceae) on Santa Barbara Island.

Anthonomus (*Cnemocyllus*) undescribed species
Literature Records: none
Digitized Records: Santa Barbara (2 SBMNH)
Range: ?Endemic.
Notes. These seven SBMNH specimens (on two pins) from Santa Barbara Island, one of which is a dissected male, were marked as "*Anthonomus* n. sp. #2, *Cnemocyllus* gp." by Horace R. Burke in 2009. Based on the funicle with seven antennomeres, it belongs to the *A. inermis* group of Clark & Burke (2009) (MLG, personal observation). It is unknown whether specimens of this morphospecies exist from other localities.

Curculionini

Notes. One genus and three species of Curculionini have been recorded from California (Gibson 1969).

Curculio Linnaeus, 1758

Nomenclatural Authority: Anderson (2002)
Literature Records (genus-only): Santa Cruz (Naughton et al. 2014: 303)
Digitized Records (genus-only): Santa Catalina (1 SBMNH), Santa Cruz (1 SBMNH)
Notes. Three species of *Curculio* have been recorded from California (Gibson 1969). The Naughton et al. (2014) record refers to a single specimen of "*Curculio* sp." in addition to records of *C. uniformis*. Seavey (1892: 262) recorded *Balaninus obtusus* [= *Curculio obtusus* (Blanchard,

1884)] from Santa Catalina Island. Gibson (1969) used an unnecessary replacement name, *Curculio neocorylus* Gibson, 1969 to refer to this species. Fall (1897: 235) doubted the validity of this identification; we agree that this record must be in error, since this species has not subsequently been reported from California and is otherwise only known from east of the Rocky Mountains (Gibson 1969). This record almost certainly represents one of the two species of *Curculio* listed below. The North American species of *Curculio* were revised by Gibson (1969).

Curculio aurivestis Chittenden, 1927

Nomenclatural Authority: O'Brien & Wibmer (1982)

Literature Records: Santa Catalina (Chittenden 1927: 186, 191)

Digitized Records: Santa Catalina (1 USNM)

Range: Also known from mainland (Gibson 1969).

Notes. Chittenden (1927) recognized two species, one from the mainland (*C. aurivestis*) and one insular and presumed endemic (*Curculio brevinasus* Chittenden, 1927), the latter representing the Santa Catalina record above. Gibson (1969) synonymized the two and recognized a single species ranging from British Columbia to southern California where it breeds in various species of *Quercus*.

Curculio uniformis (LeConte, 1857)

Nomenclatural Authority: O'Brien & Wibmer (1982)

Literature Records: Santa Catalina (Fall 1897: 239; Fall 1901: 199; Chittenden 1908: 22), Santa Cruz (Naughton et al. 2014: 303)

Digitized Records: Santa Cruz (4 SBMNH)

Range: Also known from mainland (Fall 1901; Chittenden 1908; Gibson 1969).

Notes. Fall (1897) recorded this species as *Balaninus occidentis* Casey, 1897 and noted this species had previously been confused with *Balaninus uniformis*, but is distinct. Fall (1901) recorded this species as *B. uniformis*. Chittenden (1908) synonymized *B. occidentis* with *B. uniformis*, and Gibson (1969) incorrectly used *C. occidentis* as the valid name.

Smicronychini

Notes. Two genera and 21 species of Smicronychini have been recorded from California (O'Brien & Anderson 1996).

Smicronyx Schoenherr, 1843

Nomenclatural Authority: Anderson (2002)

Literature Records (genus-only): Santa Rosa (Fall 1897: 239)

Digitized Records (genus-only): San Clemente (1 SBMNH)

Notes. Nineteen species of *Smicronyx* have been recorded from California (O'Brien & Anderson 1996). Fall (1897) recorded only "*Smicronyx*, sp." from Santa Rosa Island. Anderson (1962) revised the species for North America.

Smicronyx cinereus (Motschulsky, 1845)

Nomenclatural Authority: O'Brien & Anderson (1996)

Literature Records: Santa Rosa (Anderson 1962: 208)

Digitized Records: none

Range: Also known from mainland (Anderson 1962).

Notes. The record from Fall (1897) may refer to this species but because there is at least one new island record for the genus (San Clemente) the genus should be reexamined from the Channel Islands.

Tychiini

Notes. Three genera and 14 species of Tychiini have been recorded from California (O'Brien & Wibmer 1982).

Sibinia Germar, 1817

Nomenclatural Authority: Anderson (2002)

Notes. Five species of *Sibinia* are known to occur in California (O'Brien & Wibmer 1982). This genus was revised for the New World by Clark (1978).

Sibinia maculata (LeConte, 1876)

Nomenclatural Authority: O'Brien & Wibmer (1982)

Literature Records: San Miguel (Clark 1978: 363; Miller & Miller 1985: 131), San Nicolas (Fall 1901: 197), Santa Barbara (Miller & Miller 1985: 131)

Digitized Records: Santa Barbara (1 LACM)

Range: Also known from mainland (Fall 1901; Clark 1978).

Notes. Fall (1901) recorded this species as *Paragoges maculatus* LeConte. Reported from "sage brush" on Santa Barbara Island by Miller & Miller (1985).

Tychius Germar, 1817

Nomenclatural Authority: Anderson (2002)

Literature Records (genus-only): San Nicolas (Fall 1897: 239)

Notes. Six species of *Tychius* have been recorded from California (O'Brien & Wibmer 1982). The genus was revised for North America by Clark (1971). The status of the San Nicolas Island record referred to by Fall (1897) as "*Tychius*, n. sp." is unknown.

Tychius lineellus LeConte, 1876

Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: Santa Cruz (Clark 1971: 18), Santa Rosa (Clark 1971: 18)
Digitized Records: Santa Cruz (4 LACM), Santa Rosa (5 LACM; 2 SBMNH)
Range: Also known from mainland (Clark 1971).

Cyclominae

Notes. Two genera and 17 species of Cyclominae have been recorded from California (O'Brien 1997).

Listroderes Schoenherr, 1826
Nomenclatural Authority: Anderson (2002)
Digitized Records (genus-only): Santa Cruz (1 UCSB)
Notes. Two introduced species of *Listroderes* have been recorded from California (O'Brien 1997). This genus was partially revised by Morrone (1993).

Listroderes costirostris Schoenherr, 1826
Nomenclatural Authority: Morrone (1993)
Literature Records: none
Digitized Records: San Miguel (14 SBMNH), San Nicolas (11 LACM), Santa Catalina (1 LACM), Santa Rosa (1 LACM)
Range: Also known from mainland (Morrone 1993).
Notes. This species was accidentally introduced to North America from South America (Morrone 1993).

Listronotus Jekel, 1865
Nomenclatural Authority: Anderson (2002)
Digitized Records (genus-only): Santa Catalina (3 SBMNH)
Notes. Fifteen species of *Listronotus* have been recorded from California (O'Brien 1997). The larger species of this genus in North America were taxonomically treated by O'Brien (1981).

Listronotus sordidus (Gyllenhal, 1834)
Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: San Nicolas (Cockerell 1940: 287)
Digitized Records: none
Range: Also known from mainland (O'Brien & Wibmer 1982).
Notes. This species was reported by Cockerell (1940) as *Listronotus obliquus* LeConte, 1876. This species is now considered a junior synonym of *L. sordidus* (see O'Brien & Wibmer 1982: 70), but this species' reported range does not include California (O'Brien

& Wibmer 1982). The specific identity of the San Nicolas Island record is therefore still in question.

Dryophthorinae: Rhynchophorini

Notes. Two tribes, seven genera, and 27 species of Dryophthorinae, of which all but one genus and species belong to Rhynchophorini, have been recorded from California (M Gimmel, unpublished data).

Scyphophorus Schoenherr, 1838

Nomenclatural Authority: Anderson (2002)

Notes. Two species of *Scyphophorus* have been recorded from California (Vaurie 1971). The species of the genus were treated by Vaurie (1971).

Scyphophorus yuccae Horn, 1873

Nomenclatural Authority: Vaurie (1971); O'Brien & Wibmer (1982)

Literature Records: none

Digitized Records: Santa Cruz (2 SBMNH)

Range: Also known from mainland (Vaurie 1971; O'Brien & Wibmer 1982).

Notes. This species breeds in the stems of *Hesperoyucca whipplei* (Torr.) Trel. (Agavaceae), a common plant on the mainland that does not occur natively in the Channel Islands. However, a variety of yucca species have been planted there.

Sphenophorus Schoenherr, 1838

Nomenclatural Authority: Anderson (2002)

Notes. Eighteen species of *Sphenophorus* have been recorded from California (M Gimmel, unpublished data). This genus was treated for North America by Vaurie (1951) as the genus *Calendra* Clairville & Schellenberg, 1798.

Sphenophorus graminis Chittenden, 1905

Nomenclatural Authority: O'Brien & Wibmer (1982)

Literature Records: none

Digitized Records: Santa Rosa (1 SBMNH)

Range: Also known from mainland (Vaurie 1951; O'Brien & Wibmer 1982).

Sphenophorus phoeniciensis Chittenden, 1904

Nomenclatural Authority: O'Brien & Wibmer (1982)

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Range: Also known from mainland (Vaurie 1951; O'Brien & Wibmer 1982).

Sphenophorus simplex LeConte, 1860
Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: none
Digitized Records: San Nicolas (1 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Vaurie 1951; O'Brien & Wibmer 1982).

Sphenophorus vomerinus LeConte, 1858
Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: Santa Rosa (Fall 1897: 239)
Digitized Records: none
Range: Also known from mainland (Vaurie 1951; O'Brien & Wibmer 1982).

Entiminae

Notes. Fifteen tribes, 53 genera, and 205 species of Entiminae are known to occur in California (M Gimmel, unpublished data).

Geonemini

Notes. Four genera and 64 species of Geonemini are known to occur in California (O'Brien & Wibmer 1982).

Trigonoscuta Motschulsky, 1853
Nomenclatural Authority: Anderson (2002)
Literature Records (genus-only): San Clemente (Doyen 1974: 87), San Miguel (Van Dam & Matzke 2016: 1527), San Nicolas (Van Dam & Matzke 2016: 1527), Santa Catalina (Van Dam & Matzke 2016: 1527), Santa Cruz (Van Dam & Matzke 2016: 1527), Santa Rosa (Van Dam & Matzke 2016: 1527)
Digitized Records (genus-only): San Clemente (2 LACM; 7 SBMNH), San Miguel (14 SBMNH), San Nicolas (32 LACM; 24 SBMNH), Santa Catalina (9 LACM), Santa Cruz (5 SBMNH), Santa Rosa (25 SBMNH)
Notes. This genus was revised in elaborate detail by Pierce (1975), who diagnosed and named minute variation in these sand-dwelling beetles, recognizing over 150 species and subspecies, most of which were limited to a single locality or even collecting event. Miller (1985a: 21), in a list of endemic species of the Channel Islands, did not bother to individually list all of the purported endemic *Trigonoscuta* described by Pierce (1975). A robust molecular phylogeny was published by Van Dam & Matzke (2016) which sampled specimens from five of the Channel Islands. This phylogeny seems to indicate that at least two species are present on the islands and each of those are found on multiple islands. This contradicts Pierce (1975) who

enumerated different species or subspecies for nearly every beach locality collected on the islands and mainland California. It seems likely that coastal dune *Trigonoscuta* may have similar diversity to the tenebrionid genus *Coelus* which has a nearly identical distribution and habitat (see account above for this genus). It actually may be the case that the two "subgenera" identified by Pierce as inhabiting the islands align more appropriately with true species diversity than the numerous "species" described. This genus is in great need of a modern revision and likely tells a very interesting story of dune colonization between the islands and mainland California. Van Dam & Matzke (2016, see their figure 5 and supplemental information) found two well supported clades which one might consider species: one from the northern islands of Santa Rosa, Santa Cruz, and San Miguel sister to a specimen from the mainland, and a second from Santa Catalina and San Nicolas islands. Specimens of this genus are known from all eight Channel Islands. The records presented under each species largely reflect the work of Pierce (1975) and the specimens included within that study.

Trigonoscuta anacapensis Pierce, 1975

Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: Anacapa (Pierce 1975: 48)
Digitized Records: Anacapa (18 LACM)
Range: Endemic (Pierce 1975).
Notes. Described in the subgenus *Trigonoscuta* (*s.str.*), which Pierce (1975) understood as otherwise restricted to the mainland Pacific Coast. This species was described from West Anacapa Island and considered similar to populations described from the coast of Ventura County, California (Pierce 1975: 49).

Trigonoscuta catalina Pierce, 1975

Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: Santa Catalina (Pierce 1975: 53)
Digitized Records: Santa Catalina (24 LACM)
Range: Endemic (Pierce 1975).
Notes. Described in the subgenus *Nesocatoecus* Pierce, 1975, which Pierce (1975) understood as restricted to the Channel Islands.

Trigonoscuta clemente Pierce, 1975

Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: San Clemente (Pierce 1975: 53)
Digitized Records: San Clemente (2031 LACM), Santa Barbara (2 LACM)
Range: Endemic (Pierce 1975).
Notes. The correct spelling of this species is *T. clemente* (Pierce 1975), though in the same paper the incorrect original spelling of *T. sanclemente* was also used (nec. *T. sanclementis* Pierce, 1975; see O'Brien and Wimber 1982: 33). Described in the

subgenus *Nesocatoecus*, which Pierce (1975) understood as restricted to the Channel Islands. Pierce (1975) described five subspecies largely based off of dune host plants the beetles were collected from, which seem highly unlikely to represent different taxa in an evolutionary context. The subspecies are: *T. c. clemente* Pierce, 1975; *T. c. isola* Pierce, 1975; *T. c. excavata* Pierce, 1975; *T c. latesecula* Pierce, 1975; *T. c. traskiae* Pierce, 1975.

Trigonoscuta curviscroba Pierce, 1975

Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: Santa Barbara (Pierce, 1975: 53; Miller & Miller 1985: 131)
Digitized Records: none
Range: Endemic (Pierce 1975).
Notes. Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as restricted to the Channel Islands. Miller & Miller (1985) merely listed *T. curviscroba* as being described from Santa Barbara Island, and doubted the taxonomic validity of this species.

Trigonoscuta miguelensis Pierce, 1975

Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: San Miguel (Pierce 1975: 46)
Digitized Records: San Miguel (21 LACM; 10 SBMNH)
Range: Endemic (Pierce 1975).
Notes. Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as restricted to the Channel Islands.

Trigonoscuta nesiotis Pierce, 1975

Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: Anacapa (Pierce 1975: 48)
Digitized Records: Anacapa (35 LACM)
Range: Endemic (Pierce 1975).
Notes. Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as restricted to the Channel Islands. This species was described from West Anacapa Island.

Trigonoscuta nicolana Pierce, 1975

Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: San Nicolas (Pierce 1975: 49)
Digitized Records: San Nicolas (264 LACM), Santa Barbara (2 LACM)
Range: Endemic (Pierce 1975).
Notes. Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as restricted to the Channel Islands. Eight subspecies were described by Pierce (1975),

which corresponded to the dune host plant the beetles were found associated with. It seems highly unlikely that these names represent different taxa in an evolutionary context. The subspecies are: *T. n. nicolana* Pierce, 1975; *T. n. longinoda* Pierce, 1975; *T. n. latelobata* Pierce, 1975; *T. n. nonmarginata* Pierce, 1975; *T. n. latespiculum* Pierce, 1975; *T. n. lateconjuncta* Pierce, 1975; *T. n. sulcata* Pierce, 1975; *T. n. breviconjuncta* Pierce, 1975

Trigonoscuta pilosa Motschulsky, 1953

Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: San Clemente (Fall 1897: 239), Santa Rosa (Fall 1897: 239)
Digitized Records: none
Range: Also known from mainland (Pierce 1975).
Notes. In the genus revision by Pierce (1975), this species was interpreted to occur from Washington, Oregon, and California north of the San Andreas fault, from which were described eight subspecies. The literature records for this taxon predate Pierce's revision and likely correspond to other taxa named therein. This species belongs to the subgenus *Trigonoscuta* (*s.str.*), which Pierce (1975) recognized as restricted to the mainland except for *T. anacapensis* from Anacapa island.

Trigonoscuta sanctabarbarae Pierce, 1975

Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: Santa Barbara (Pierce 1975: 52; Miller & Miller 1985: 131).
Digitized Records: Santa Barbara (46 LACM)
Range: Endemic (Pierce 1975).
Notes. The correct spelling of this name is *T. sanctabarbarae*, but in the same paper (Pierce 1975) the incorrect original spelling *T. santabarbarae* was also used (see O'Brien & Wibmer 1982: 35). Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as restricted to the Channel Islands. Pierce (1975) included three subspecies, all from Santa Barbara Island: *T. s. sanctabarbarae* Pierce, 1975; *T. s. mesembryanthemi* Pierce, 1975; *T. s. lycii* Pierce, 1975. Miller & Miller (1985) merely listed these three subspecies (as "*Trigonoscuta santabarbarae*") as being described from Santa Barbara Island. They doubted the taxonomic validity of these taxa.

Trigonoscuta sanctarosae Pierce, 1975

Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: Santa Rosa (Pierce 1975: 47, 48)
Digitized Records: Santa Rosa (138 LACM)
Range: Endemic (Pierce 1975).
Notes. Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as restricted to the Channel Islands. Pierce (1975: 47–48) described two subspecies, both

from Santa Rosa Island: *T. s. sanctarosae* Pierce, 1975 and *T. s. astragalensis* Pierce, 1975.

Trigonoscuta stantoni Sleeper, 1975

Nomenclatural Authority: O'Brien & Wibmer (1982)

Literature Records: Santa Cruz (Pierce 1975: 77)

Digitized Records: Santa Cruz (35 SBMNH; 1 iNat)

Range: Endemic (Pierce 1975).

Notes. Described in the subgenus *Nesocatoecus*, which Pierce (1975) understood as restricted to the Channel Islands. This species was described by the editor of the revision (Pierce 1975) to fill in an island gap that Pierce had postulated should have a species present.

Naupactini

Notes. Four genera and seven species of Naupactini have been recorded from California (M Gimmel, unpublished data).

Naupactus Dejean, 1821

Nomenclatural Authority: Anderson (2002)

Notes. One species of *Naupactus* is known from California (M Gimmel, unpublished data).

Naupactus cervinus Boheman, 1840

Nomenclatural Authority: O'Brien & Wibmer (1982)

Literature Records: Santa Catalina (Cockerell 1940: 287)

Digitized Records: Santa Catalina (1 LACM; 1 SBMNH; 1 iNat), Santa Cruz (89 LACM)

Range: Also known from mainland (O'Brien & Wibmer 1982).

Notes. Recorded as *Pantomorus fulleri* (Horn) by Cockerell (1940), and often referred to as *Pantomorus cervinus* in the literature. This species is introduced in North America (O'Brien & Wibmer 1982).

Otiorhynchini

Notes. Three genera and 13 species of Otiorhynchini have been recorded from California (O'Brien & Wibmer 1982).

Otiorhynchus Germar, 1822

Nomenclatural Authority: Anderson (2002)

Notes. Five species of *Otiorhynchus* have been recorded from California (O'Brien & Wibmer 1982). A key and distributional summary of the genus in North America was provided by Warner & Negley (1976).

Otiorhynchus cribricollis Gyllenhal, 1834
Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: none
Digitized Records: San Nicolas (1 SBMNH)
Range: Also known from mainland (Warner & Negley 1976; O'Brien & Wibmer 1982).
Notes. This species is adventive in North America from Europe (Warner & Negley 1976).

Sciopithes Horn, 1876
Nomenclatural Authority: Anderson (2002)
Notes. Six species of *Sciopithes* have been recorded from California (O'Brien & Wibmer 1982).

Sciopithes insularis Van Dyke, 1935
Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: San Clemente (Van Dyke 1935: 91; Miller 1985a: 21; Miller & Miller 1985: 131)
Digitized Records: none
Range: Endemic (Van Dyke 1935; Miller 1985a).

Sciopithes setosus Casey, 1888
Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: San Clemente (Fall 1897: 239; Fall 1901: 188), Santa Barbara (Miller & Miller 1985: 131)
Digitized Records: none
Range: Also known from mainland (Fall 1901).
Notes. Fall (1897) recorded this species as "var.". Miller & Miller (1985) reported this species from *Coreopsis gigantea* on Santa Barbara Island.

Peritelini

Notes. Sixteen genera and 37 species of Peritelini have been recorded from California (O'Brien & Wibmer 1982).

Geodercodes Casey, 1888
Nomenclatural Authority: Anderson (2002)

Notes. One species of *Geodercodes* occurs in North America (Anderson 2002).

Geodercodes latipennis Casey, 1888
Nomenclatural Authority: O'Brien & Wibmer (1982); Anderson (2002)
Literature Records: Santa Cruz (Polihronakis, Caterino & Chatzimanolis 2010: 940; Naughton et al. 2014: 303), Santa Rosa (Polihronakis, Caterino & Chatzimanolis 2010: 940)
Digitized Records: San Clemente (8 SBMNH), Santa Cruz (11 SBMNH), Santa Rosa (16 SBMNH)
Range: Also known from mainland (O'Brien & Wibmer 1982; Anderson 2002; Polihronakis, Caterino & Chatzimanolis 2010).
Notes. Polihronakis, Caterino & Chatzimanolis (2010) showed that this species is made up of sexual and asexual populations across the Coast and Transverse ranges of California; the populations on the northern Channel Islands are asexual.

Nemocestes Van Dyke, 1936
Nomenclatural Authority: Anderson (2002)
Notes. This genus contains nine species in California (O'Brien & Wibmer 1982, as *Geoderces* Horn, 1876; M Gimmel, unpublished data). Eight of these species were keyed by Van Dyke (1936).

Nemocestes undetermined species
Literature Records: Santa Cruz (Naughton et al. 2014: 303)
Digitized Records: Santa Catalina (8 SBMNH), Santa Cruz (6 SBMNH), Santa Rosa (3 SBMNH)

Peritelinus Casey, 1888
Nomenclatural Authority: Anderson (2002)
Notes. This genus contains two species in California (O'Brien & Wibmer 1982). These were distinguished by Van Dyke (1936).

Peritelinus undetermined species
Literature Records: none
Digitized Records: Anacapa (6 SBMNH)

Stenoptochus Casey, 1888
Nomenclatural Authority: O'Brien & Wibmer (1982); Anderson (2002)
Notes. This genus contains two species in California (O'Brien & Wibmer 1982; Anderson 2002). These were distinguished by Van Dyke (1935).

Stenoptochus undetermined species

Literature Records: none

Digitized Records: Santa Cruz (1 SBMNH)

Sitonini

Notes. One genus and nine species of Sitonini have been recorded from California (Bright 1994).

Sitona Germar, 1817

Nomenclatural Authority: Bright (1994)

Notes. This genus contains nine described species in California (Bright 1994). These were revised for North America by Bright (1994).

Sitona californius Fåhraeus, 1840

Nomenclatural Authority: Bright (1994)

Literature Records: San Miguel (Blaisdell 1938: 33; Miller 1985a: 21; Bright 1994: 294 [map]), Santa Cruz (Bright 1994: 294 [map])

Digitized Records: Anacapa (16 LACM), San Miguel (10 LACM; 1 SBMNH), Santa Catalina (2 SBMNH), Santa Cruz (5 SBMNH), Santa Rosa (1 SBMNH)

Range: Also known from mainland (Bright 1994).

Notes. This species was described and recorded by Blaisdell (1938) as the purported endemic *Sitona cockerelli* Blaisdell, 1938, listed as such by Miller (1985a: 21). Bright (1989: 77), however, synonymized this species with *S. californicus*, later recognized with the spelling *S. californius*.

Erirhininae

Notes. Six genera and 10 species of Erirhininae have been recorded from California (O'Brien & Anderson 1996; M Gimmel, unpublished data).

Notiodes Schoenherr, 1838

Nomenclatural Authority: Anderson (2002)

Notes. Five species of *Notiodes* have been recorded from California (O'Brien & Anderson 1996).

Notiodes aeratus (LeConte, 1876)

Nomenclatural Authority: O'Brien & Anderson (1996)

Literature Records: none

Digitized Records: San Clemente (1 SBMNH)
Range: Also known from mainland (O'Brien & Anderson 1996).

Hyperinae

Notes. Two genera and five species of Hyperinae have been recorded from California (O'Brien & Wibmer 1982; M Gimmel, unpublished data).

Hypera Germar, 1817
Nomenclatural Authority: Anderson (2002)
Notes. Four introduced species of *Hypera* have been recorded from California (O'Brien & Wibmer 1982).

Hypera postica (Gyllenhal, 1813)
Nomenclatural Authority: O'Brien & Wibmer (1982)
Literature Records: none
Digitized Records: San Clemente (2 SBMNH), San Nicolas (1 SBMNH), Santa Cruz (16 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (O'Brien & Wibmer 1982).
Notes. This species is introduced in North America (O'Brien & Wibmer 1982).

Lixinae

Notes. Three tribes, seven genera, and 30 species of Lixinae are known to occur in California (M Gimmel, unpublished data).

Cleonini

Notes. Two genera and 17 species of Cleonini have been recorded from California (Anderson 1988). The species were revised for the New World by Anderson (1988).

Apleurus Chevrolat, 1873
Nomenclatural Authority: Anderson (2002)
Notes. Six species of *Apleurus* are known to occur in California (Anderson 1988).

Apleurus (*Apleurus*) *jacobinus* (Casey, 1891)
Nomenclatural Authority: Anderson (1988)
Literature Records: San Miguel (Anderson 1988: 646 [map])
Digitized Records: San Miguel (1 SBMNH)
Range: Also known from mainland (Anderson 1988).

Scaphomorphus Motschulsky, 1860

Nomenclatural Authority: Anderson (2002)

Notes. This genus contains 12 species in California (Anderson 1988).

Scaphomorphus americanus (Csiki, 1934)

Nomenclatural Authority: Anderson (1988); Alonso-Zarazaga & Lyal (1999); Anderson (2002)

Literature Records: San Clemente (Fall 1897: 239; Anderson 1988: 649 [map])

Digitized Records: none

Range: Also recorded from mainland (Anderson 1988).

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*) *americanus* Csiki, 1934. O'Brien & Wibmer (1982) corrected the name to *Cleonis americanus* (Csiki, 1934); later, Anderson (1988) moved the species to *Cleonidius* Casey, 1891. *Cleonidius* was more recently synonymized under the resurrected *Scaphomorphus* in Alonso-Zarazaga & Lyal (1999: 192). The species was considered endemic to San Clemente Island at the time of its original description (Fall 1897).

Rhinocyllini

Notes. Two genera and three species of Rhinocyllini are known to occur in California (M Gimmel, unpublished data).

Rhinocyllus Germar, 1817

Nomenclatural Authority: Anderson (2002)

Notes. This genus contains a single species in California (O'Brien & Wibmer 1982).

Rhinocyllus conicus (Froelich, 1792)

Nomenclatural Authority: Anderson (2002)

Literature Records: none

Digitized Records: Santa Cruz (1 iNat)

Range: Also known from mainland (O'Brien & Wibmer 1982; Anderson 2002).

Notes. This species was introduced into North America for biological control of *Carduus nutans* L. (Asteraceae) (Anderson 2002).

Molytinae

Notes. Eight tribes, 13 genera, and 24 species of Molytinae have been recorded from California (M Gimmel, unpublished data).

Conotrachelini

Notes. Two genera and three species of Conotrachelini have been recorded from California (O'Brien & Wibmer 1982).

Micromastus LeConte, 1876

Nomenclatural Authority: Anderson (2002)

Notes. This genus contains a single species in California (O'Brien & Wibmer 1982; Anderson 2002).

Micromastus gracilis (Boheman, 1859)

Nomenclatural Authority: Anderson (2002)

Literature Records: none

Digitized Records: Santa Catalina (12 SBMNH)

Range: Also known from mainland (O'Brien & Wibmer 1982).

Emphyastini

Notes. Two genera and two species of Emphyastini have been recorded from California (O'Brien 1997).

Emphyastes Mannerheim, 1852

Nomenclatural Authority: Anderson (2002)

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).

Emphyastes fucicola Mannerheim, 1852

Nomenclatural Authority: Anderson (2002)

Literature Records: none

Digitized Records: San Clemente (7 SBMNH), San Nicolas (14 LACM; 5 SBMNH), Santa Cruz (2 SBMNH), Santa Rosa (1 iNat)

Range: Also known from mainland (O'Brien & Wibmer 1982; Anderson 2002).

Notes. Adults and larvae are associated with buried, decaying seaweed on sandy beaches (Anderson 2002).

Thalasselephas Egorov & Korotyaev, 1976

Nomenclatural Authority: Anderson (2002)

Notes. This genus contains a single species in California (Anderson 2002). The genus was renamed from *Phycocoetes* LeConte, 1876 as *Neophycocoetes* O'Brien & Wibmer, 1982 in O'Brien & Wibmer (1982).

Thalasselephas testaceus (LeConte, 1876)

Nomenclatural Authority: Anderson (2002)

Literature Records: none

Digitized Records: San Clemente (4 SBMNH), San Nicolas (11 SBMNH), Santa Rosa (2 SBMNH)

Range: Also known from mainland (O'Brien & Wibmer 1982; Anderson 2002).

Notes. Adults of this species are found under seaweed on sandy beaches (Anderson 2002).

Raymondionyminae

Notes. Three genera and five species of Raymondionyminae have been recorded from California (O'Brien & Wibmer 1982).

Gilbertiola Osella, 1982

Nomenclatural Authority: Anderson (2002)

Notes. This genus contains two described species from California (Anderson 2002).

Gilbertiola undetermined species

Literature Records: Santa Catalina (Caterino & Chandler 2010: 191)

Digitized Records: Santa Catalina (1 SBMNH)

Notes. This species, represented by a single SBMNH specimen collected on Santa Catalina Island, was reported only as the genus *Gilbertiola* by Caterino & Chandler (2010).

Scolytinae

Notes. Two tribes, 49 genera, and 196 species of Scolytinae are known to occur in California (Atkinson 2021; M Gimmel, unpublished data). Bright & Stark (1973) reviewed the California fauna of Scolytinae, and Wood (1982) reviewed the entire North American fauna known at the time. Atkinson (2021) is an excellent online reference for staying up-to-date with North American scolytine nomenclature.

Hylesinini

Notes. Sixteen genera and 69 species of Hylesinini are known to occur in California (Atkinson 2021; M Gimmel, unpublished data).

Carphoborus Eichhoff, 1864

Nomenclatural Authority: Wood (1982)

Notes. Nine species of this genus are reported from California (Atkinson 2021).

Carphoborus declivis Wood, 1954

Nomenclatural Authority: Wood (1982)

Literature Records: none

Digitized Records: Santa Rosa (1 SBMNH)

Range: Also known from mainland (Wood 1982).

Dendroctonus Erichson, 1836

Nomenclatural Authority: Wood (1982)

Notes. Six species of this genus are reported to occur in California (Atkinson 2021).

Dendroctonus valens LeConte, 1859

Nomenclatural Authority: Atkinson (2021)

Literature Records: none

Digitized Records: Santa Cruz (5 SBMNH; 1 UCSB)

Range: Also known from mainland (Wood 1982).

?Undescribed genus near *Carphobius* Blackman, 1943

Nomenclatural Authority: Wood (1982)

Notes. The genus *Carphobius* has not been previously reported from California (Atkinson 2021), but is known from two species occurring from Arizona to Guatemala (Wood 1982).

?Undescribed genus, undescribed species

Literature Records: none

Digitized Records: San Clemente (1 SBMNH)

Range: Endemic (unpublished data).

Notes. This specimen belongs to an undescribed species that does not quite fit the generic limits of *Carphobius* and possibly represents a new genus (A Cognato & S Smith, 2021, pers. comm.).

Scolytini

Notes. Thirty-three genera and 127 species of Scolytini are known to occur in California (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)

Notes. Lanier (1970: 1418) hypothesized that *Ips plastographus maritimus* Lanier, 1970 probably occurred on pines "on the islands off the coast of southern California and Mexico", but this species has not yet been recorded from the Channel Islands.

Ips paraconfusus Lanier, 1970
Nomenclatural Authority: Atkinson (2021)
Literature Records: Santa Cruz (Bright & Stark 1973: 92 [map])
Digitized Records: Santa Cruz (1 SBMNH)
Range: Also known from mainland (Bright & Stark 1973; Wood 1982).

Monarthrum Kirsch, 1866
Nomenclatural Authority: Wood (1982)
Notes. Three species of this genus are known to occur in California (Atkinson 2021).

Monarthrum scutellare (LeConte, 1857)
Nomenclatural Authority: Atkinson (2021)
Literature Records: none
Digitized Records: Santa Cruz (6 SBMNH)
Range: Also known from mainland (Wood 1982).

Pityophthorus Eichhoff, 1864
Nomenclatural Authority: Wood (1982)
Notes. Thirty-three species of *Pityophthorus* are known to occur in California (Atkinson 2021).

Pityophthorus carmeli Swaine, 1918
Nomenclatural Authority: Atkinson (2021)
Literature Records: none
Digitized Records: Santa Cruz (10 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Wood 1982).

Procryphalus Hopkins, 1915
Nomenclatural Authority: Wood (1982)
Notes. One species of this genus occurs in California (Atkinson 2021).

Procryphalus utahensis Hopkins, 1915
Nomenclatural Authority: Atkinson (2021)
Literature Records: none
Digitized Records: San Miguel (1 SBMNH)
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 & Stark 1973: 86)
12181 Digitized Records: none
12182 Range: Also known from mainland (Bright & 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 & Miller 1985: 132)
12189 Notes. Three species of this genus are known to occur in California (Atkinson 2021).
12190 Miller & 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

Digitized Records: Santa Rosa (11 SBMNH)
Range: Also known from mainland (Wood 1982).

Xyleborinus Reitter, 1913
Nomenclatural Authority: Wood (1982)
Notes. One species of this genus is known from California (Atkinson 2021).

Xyleborinus saxesenii (Ratzeburg, 1837)
Nomenclatural Authority: Atkinson (2021)
Literature Records: none
Digitized Records: Santa Cruz (9 SBMNH), Santa Rosa (1 SBMNH)
Range: Also known from mainland (Wood 1982; Rabaglia et al. 2006).
Notes. This species was probably introduced to North America from Asia (Rabaglia et al. 2006).

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13601 Derodontoidea and Bostrichoidea (Coleoptera: Derodontiformia, Bostrichiformia).
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Figure 1

Species by island size and position.

A) Plotted against total area (km2). B) Plotted against distance to mainland (km).

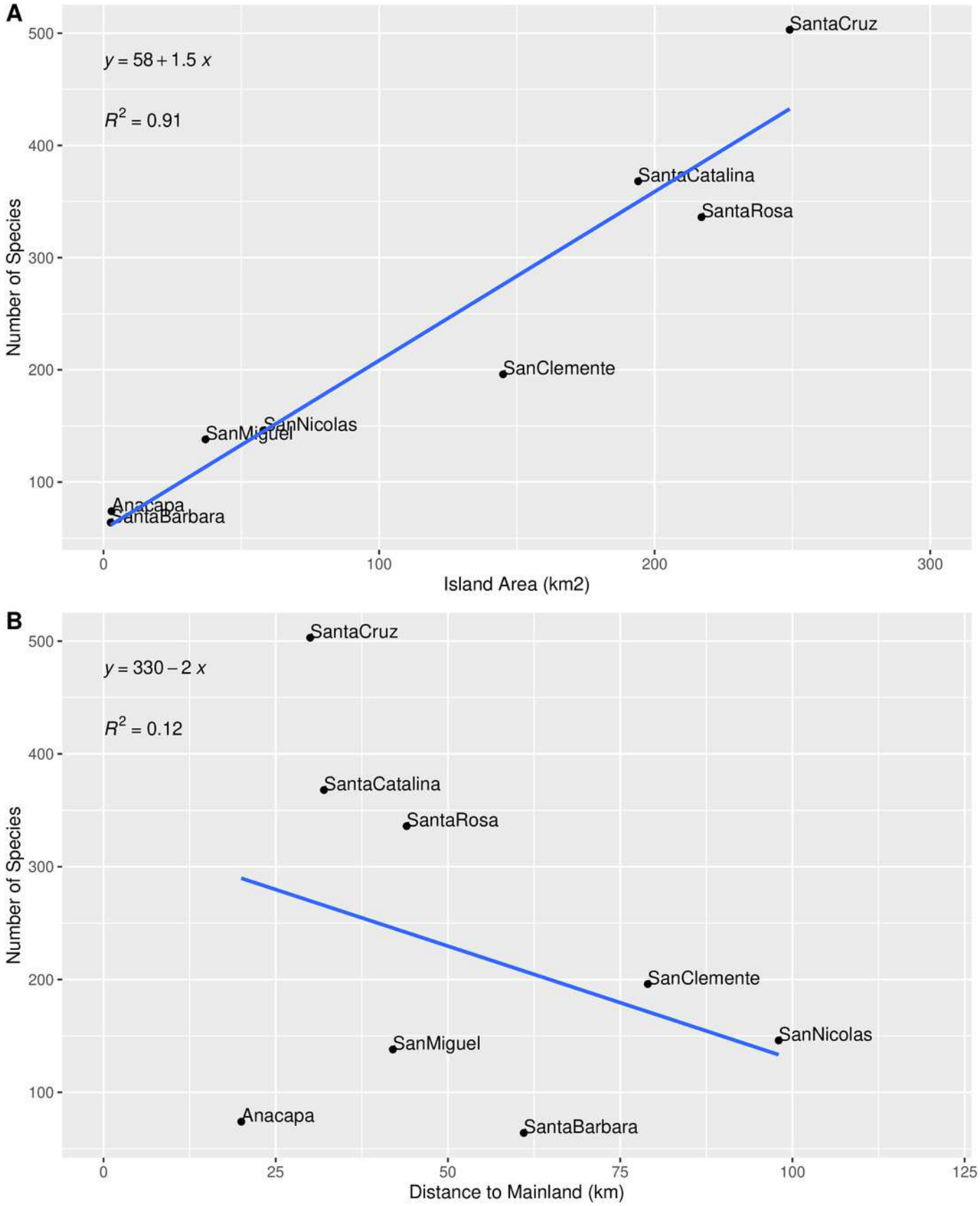
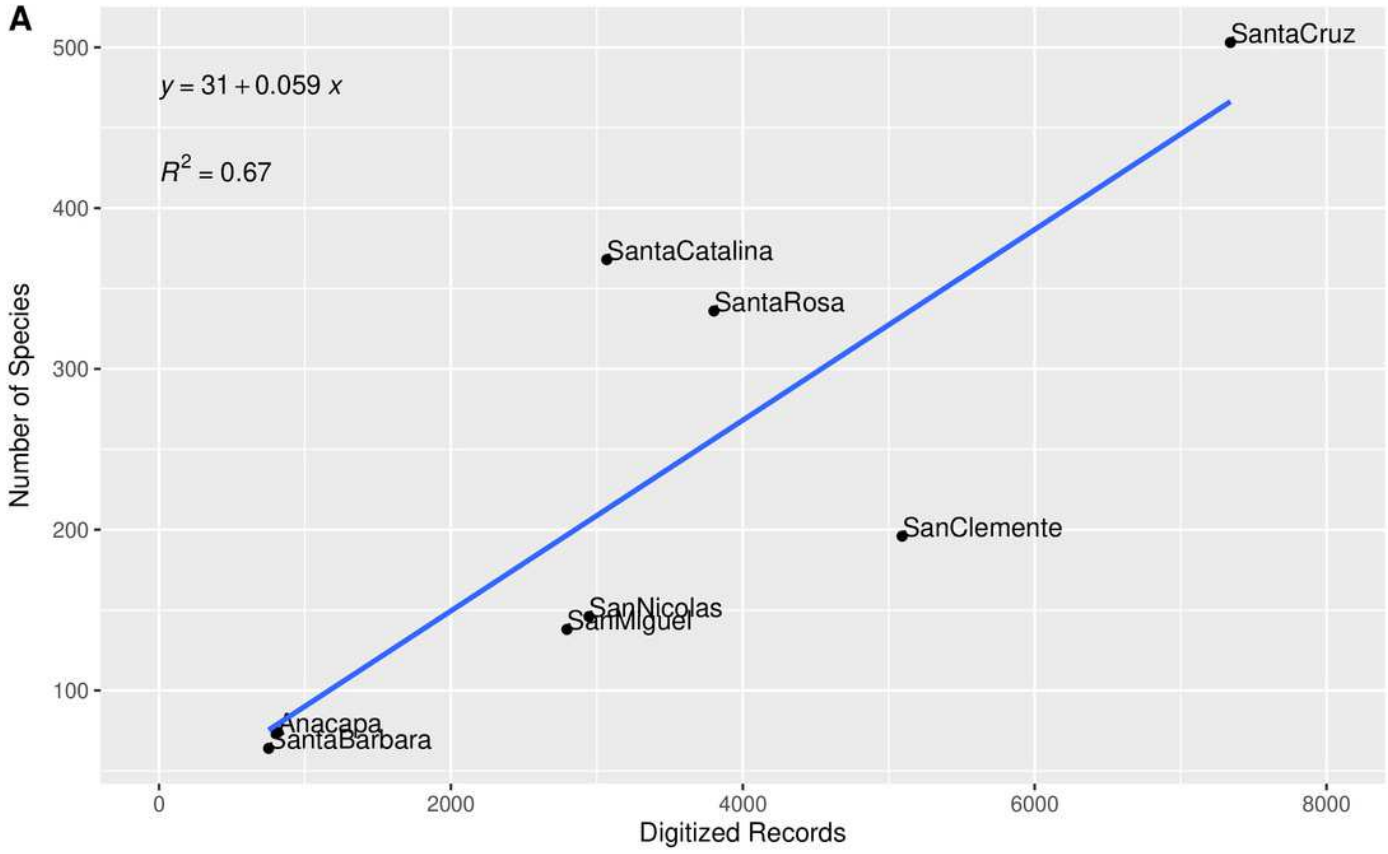

A
y = 58 + 1.5 x
R2 = 0.91
SantaCruz
SantaCatalina
SantaRosa
SanClemente
SanNicolas
SanMiguel
Anacapa
SantaBarbara
Number of Species
Island Area (km2)
B
y = 330 − 2 x
R2 = 0.12
SantaCruz
SantaCatalina
SantaRosa
SanClemente
SanNicolas
SanMiguel
Anacapa
SantaBarbara
Number of Species
Distance to Mainland (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.


A
y = 31 + 0.059 x
R2 = 0.67
SantaCruz
SantaCatalina
SantaRosa
SanClemente
SanNicolas
SanMiguel
Anacapa
SantaBarbara
Number of Species
Digitized Records
500
400
300
200
100
0
2000
4000
6000
8000

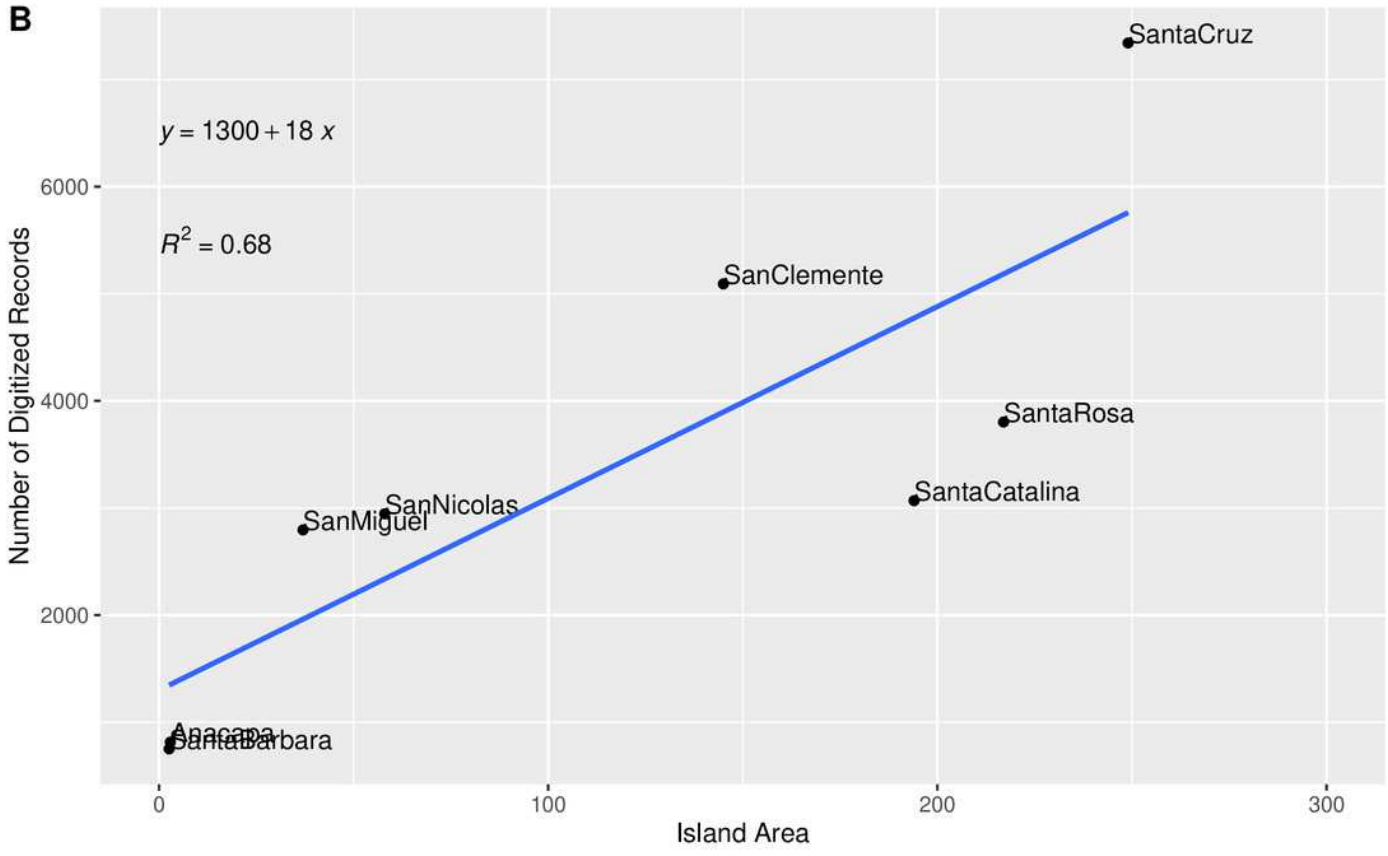

B
y = 1300 + 18 x
R2 = 0.68
SantaCruz
SanClemente
SantaRosa
SantaCatalina
SanNicolas
SanMiguel
Anacapa
SantaBarbara
Number of Digitized Records
Island Area
6000
4000
2000
0
100
200
300

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.

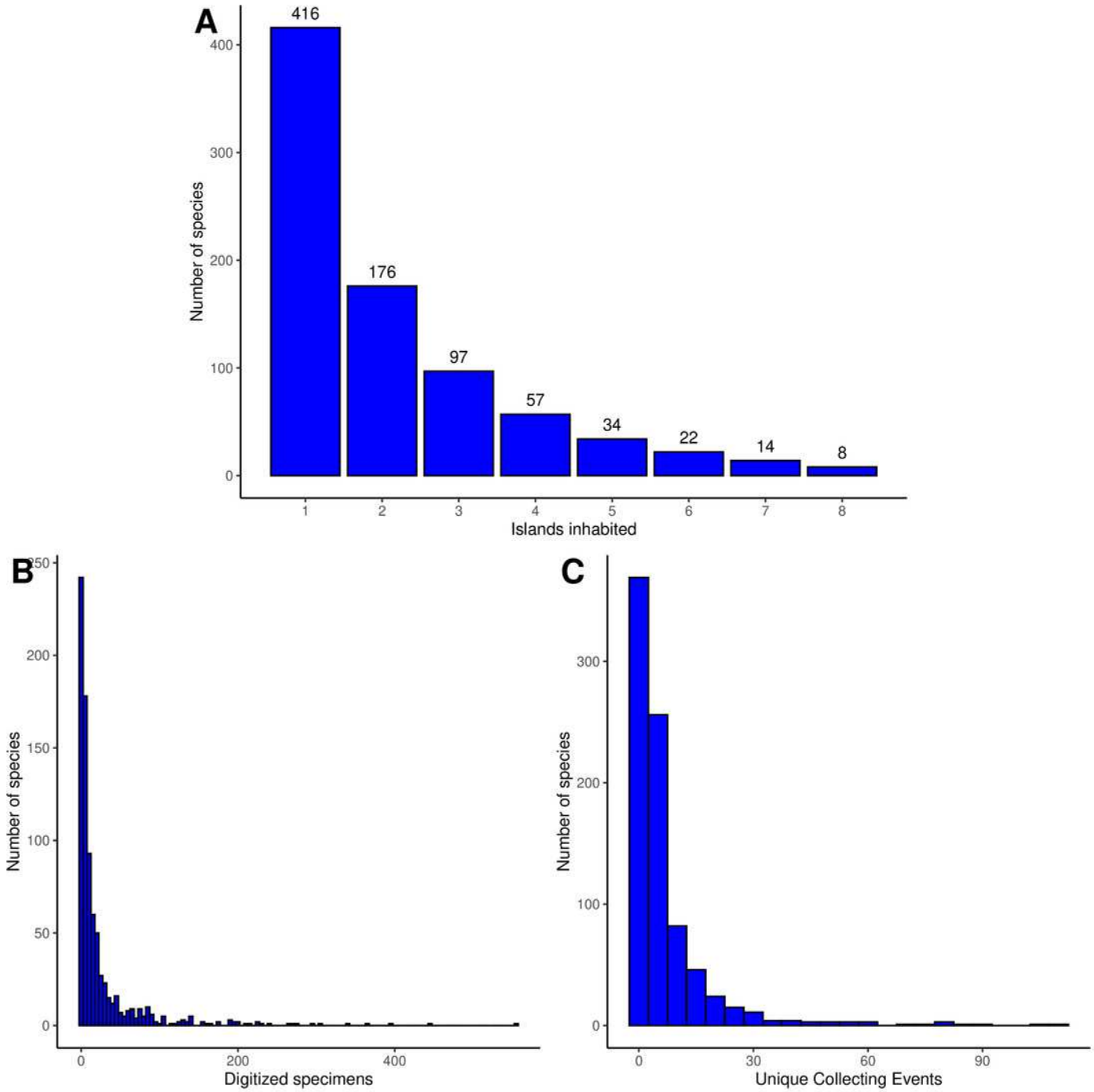
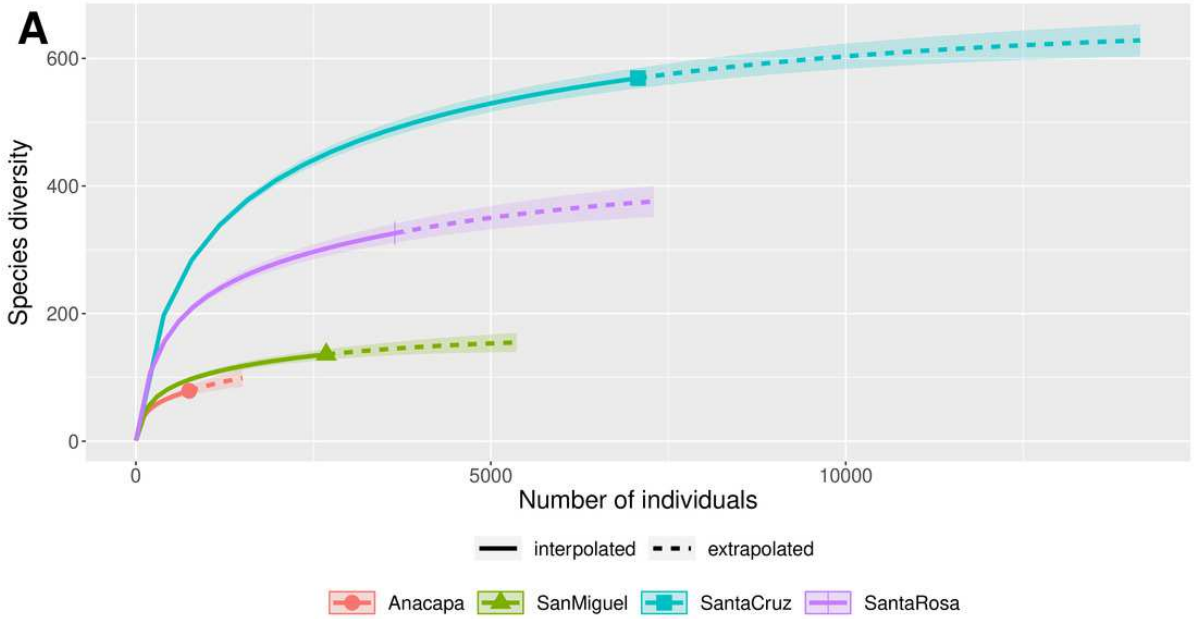
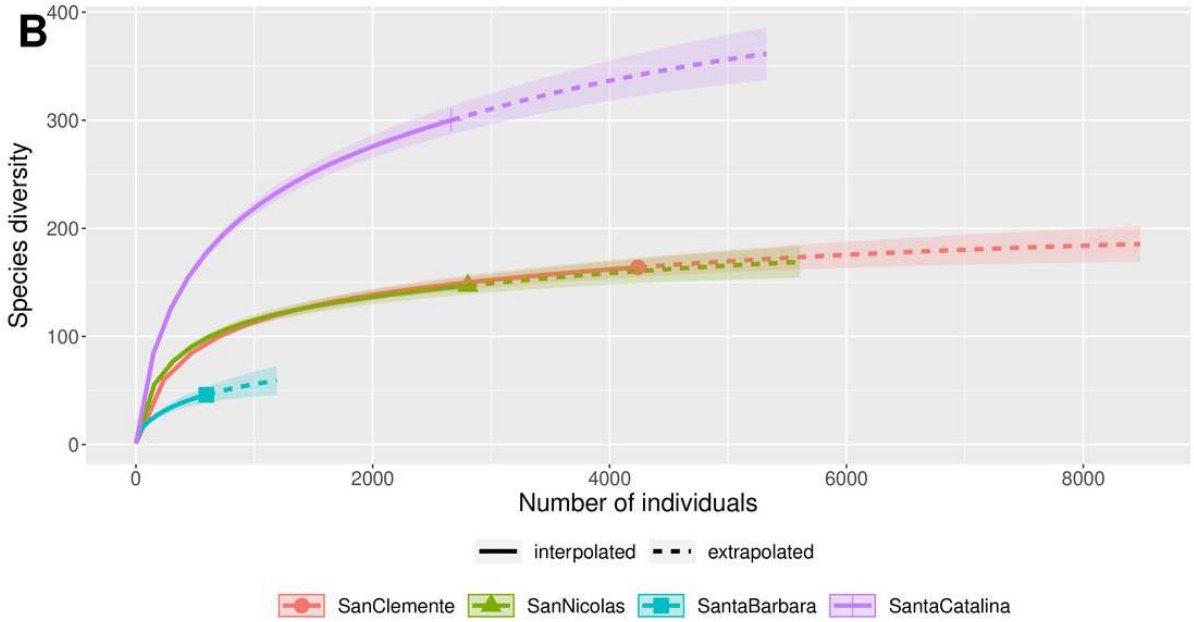

A
416
176
97
57
34
22
14
8
Number of species
Islands inhabited
B
Number of species
Digitized specimens
C
Number of species
Unique Collecting Events

Figure 4

Species diversity rarefaction and estimation curves.

A) North islands. B) South islands. C) All islands combined.


A
Species diversity
600
400
200
0
0
5000
10000
Number of individuals
interpolated
extrapolated
Anacapa
SanMiguel
SantaCruz
SantaRosa


B
Species diversity
400
300
200
100
0
0
2000
4000
6000
8000
Number of individuals
interpolated
extrapolated
SanClemente
SanNicolas
SantaBarbara
SantaCatalina

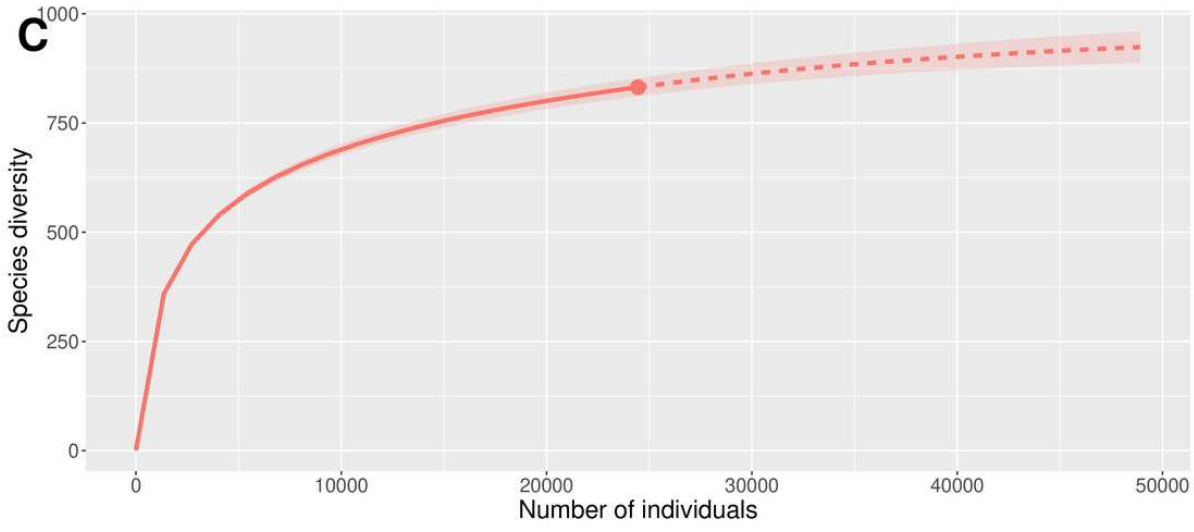

C
Species diversity
1000
750
500
250
0
0
10000
20000
30000
40000
50000
Number of individuals

Figure 5

Collops crusoe Fall, 1910 (Melyridae).

Painting of endemic California Channel Islands species. Painting by Lucie Gimmel.

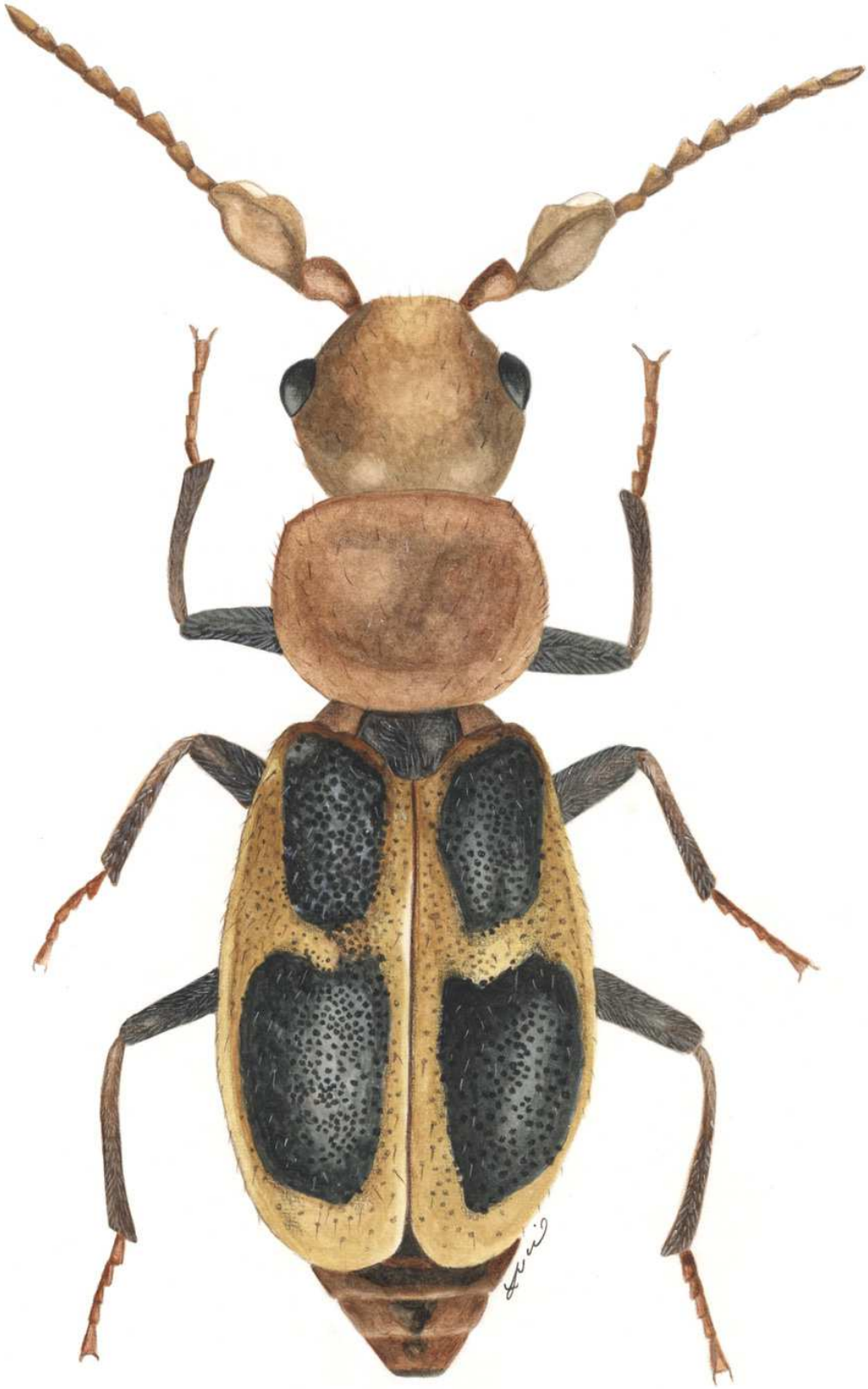


Table 1(on next page)

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).

Table 1:

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).

Islands	Species	DigRecords	Area (km^2)	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

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.

Islands	Observed Taxa	Estimated Taxa	Estimated % complete	s.e.	95% LCL	95% UCL
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.

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
ADEPHAGA											
Carabidae											
Agonum decorum										D,L	
Agonum limbatum						D			D,L	D	D
Agonum piceolum										D	
Agonum punctiforme					D	D	D				
Akephorus marinus						D	D			D	D,L
Amara aurata					D,L					D	
Amara californica				D	D,L	D	D			D,L	D,L
Amara conflata										D	
Amara insignis									D,L	D	L
Amara insularis		yes		D	D,L	D	D,L	D,L	D	D	D,L
Amara pomona										L	L
Amara scitula						D					
Anchomenus funebris					L				L	D,L	
Anisodactylus californicus					D	D,L	D		D,L	D,L	D,L
Anisodactylus consobrinus									L	D,L	D,L
Anisodactylus similis										D,L	D
Apristus	yes										D
Apristus pugetanus										D	
Axinopalpus biplagiatus										D	D
Bembidion corgenoma						D				D,L	D,L
Bembidion ephippigerum							D		L		
Bembidion indistinctum							L				L
Bembidion insulatum					L						
Bembidion iridescens									L		
Bembidion laticeps					D						
Bembidion palosverdes		?yes							D,L		
Bembidion platynoides											L
Bembidion striola					L				L		
Bembidion versicolor					L						

Brachinus costipennis								L	D,L	D
Brachinus gebhardis								D	D,L	D
Brachinus mexicanus									D,L	
Brachinus quadripennis									L	
Bradycellus californicus				D	D	D		D	D	D,L
Bradycellus nitidus					D	D		D,L	D,L	D,L
Bradycellus rupestris				D		D		L	D	D
Bradycellus sejunctus				D						
Calathus ruficollis			D,L	L	D,L			D,L	D,L	D,L
Calosoma eremicola				D,L				D,L		
Calosoma parvicolle								L		
Calosoma semilaeve						L	L	D,L	D	L
Chlaenius cumatilis									D,L	D
Chlaenius obsoletus								L	D	
Chlaenius tricolor									D	
Chlaenius variabilipes								D	D,L	D
Dicheirus dilatatus				D,L	D			D,L	D,L	D,L
Dicheirus piceus			D	D,L				D,L	D	D,L
Dromius piceus			D						D	
Dyschirius aratus										D
Dyschirius consobrinus										D
Dyschirius gibbipennis					D				D	D,L
Dyschirius varidens									D	
Elaphropus undet. sp.									D	
Harpalus	yes		D							
Harpalus caliginosus									D	D
Harpalus pensylvanicus									D	
Lachnophorus elegantulus									D	
Laemostenus complanatus						D		D		
Lebia cyanipennis									D	D
Lebia perita								D	D	
Microlestes undet. sp.										D
Notiophilus semiopacus								L	D	
Omophron dentatum								D	D,L	D,L
*Phrypeus ricksecker*i									D	
Platynus brunneomarginatus				D	D			D,L	D,L	D,L
Poecilus laetulus				D				D,L	L	L
Pterostichus gliscans		yes		L	D					
Pterostichus illustris								D		
Pterostichus inermis									D	
Pterostichus isabellae				L				L		
Pterostichus jacobinus								D		
Pterostichus lustrans									D,L	
Pterostichus menetriesii					D				D	L
Scaphinotus crenatus					D			D	D	D
Scaphinotus punctatus								D,L		
Scaphinotus ventricosus								D,L		
Schizogenius depressus									D	L
Stenolophus anceps					D				D	D

Stenolophus flavipes					D	D	D
Stenolophus limbalis					L		
Stenolophus lineola	D					D	D,L
Stenolophus ochropezus						D	
Stenolophus rugicollis			D				
Tachys corax		L		D			
Tachys vittiger					L		
Tachys vorax						D	
Tanystoma cuyama							D
Tanystoma maculicolle	L	D,L	D,L	D,L	D,L	D,L	D,L
Thalassotrechus barbarae		D			D		
Cicindelidae							
Cicindela hirticollis					L		L
Cicindela oregona	D,L		D,L	D,L	L	D,L	D,L
Cicindela senilis		D,L					
Cicindelidia hemorrhagica				D,L		D,L	
Cicindelidia trifasciata					D,L		
Dytiscidae							
Agabinus glabrellus					D,L	D,L	D
Agabinus sculpturellus						L	
Agabus obsoletus			D				
Dytiscus marginicollis		D			D,L		
Eretes sticticus					D		
Hydrovatus brevipes						L	
Hygrotus lutescens		D		D	D,L	D	
Ilybiosoma lugens				D	D,L	D	D,L
Ilybiosoma regulare						D	D
Ilybiosoma seriatum						D	D
Ilybius discors						L	
Ilybius lineellus						D	
Ilybius walsinghami		L					D
Laccophilus fasciatus		D			D,L		
Laccophilus maculosus					D,L		
Leconectes striatellus		D	D		D,L	D	D,L
Liodessus obscurellus			D		D	D	D
Neoclypeodytes pictodes							D
Rhantus gutticollis		D,L		D	D,L	D,L	D
Sanfilippodytes barbarensis					D	D	D
Sanfilippodytes latebrosus					D	D	D
Sanfilippodytes vilis			D	D	L	L	
Sanfilippodytes williami					L	D	L
Uvarus subtilis						D	D
Gyrinidae							
Gyrinus plicifer					D	D,L	D
Haliplidae							
Haliplus undet. sp.					D		
Peltodytes simplex					D,L	D,L	D
MYXOPHAGA							
Hydroscaphidae							

Hydroscapha natans						D,L	D
Sphaeriusidae							
Sphaerius politus					D	D	
SCIRTOIDEA							
Scirtidae							
Undet. genus, undet. sp.						L	
CLAMBOIDEA							
Clambidae							
Clambus undet. sp.						D	
Loricaster rotundus		D			D		
DASCILLOIDEA							
Dascillidae							
Anorus piceus		D			D	D	D
Rhipiceridae							
Sandalus cribricollis					D		
BUPRESTOIDEA							
Buprestidae							
Acmaeodera hepburnii					D,L	D,L	D,L
Acmaeodera mariposa						D	
Acmaeodera prorsa					D	D,L	
Agrilus quadriguttatus						D	
Anthaxia aeneogaster						D	
Buprestis aurulenta						D,L	
Chrysobothris mali					D	D	
Melanophila consputa					D		
DRYOPOIDEA							
Dryopidae							
Postelichus productus					L		
Elmidae							
Ordobrevia nubifera						L	
Heteroceridae							
Heterocerus	yes	D	D		D		D
Heterocerus mexicanus						D,L	
Limnichidae							
Limnichites nebulosus						D	
ELATEROIDEA							
Cantharidae							
Cultellunguis americanus					L		
Cultellunguis hatchi					L	D,L	
Frostia laticollis						D,L	
Pacificanthia consors					D	D,L	D
Podabrus pruinosus						D	
Podabrus undet. sp.						D	
Silis	yes					D	
Silis carmelita							D
Elateridae							
Ampedus longicornis					D,L		
Ampedus rhodopus							D
Anchastus cinereipennis		D	D,L	L	D		D
Athous axillaris						D	D
Athous nigropilis					D		
Athous rufiventris					D	D	

Cardiophorus	yes							D
Cardiophorus tenebrosus							D	
Dalopius	yes					D		
Dalopius luteolus							D	
Dalopius undet. sp.							D	D
Elater lecontei							D	
Euthysanius lautus							D	D
Hemicrepidius californicus				D	D			
Hemicrepidius tumescens							L	
Heteroderes amplicollis		yes						D
Horistonotus inanus						D	D	
Limonius canus			D				D	
Melanactes densus						D		
Melanotus longulus						D,L	D	D
Octinodes frater							D	
Paradonus inops							D	
Eucnemidae								
Asiocnemis hospitalis								D,L
Lampyridae								
Pterotus obscuripennis						D		
Pyropyga nigricans							D	D
Phengodidae								
Zarhipis integripennis						D		
Throscidae								
Trixagus sericeus							D	
HISTEROIDEA								
Histeridae								
Aphelosternus interstitialis						L		
Bacanius undet. sp.						D,L		
Carcinops opuntiae						D		
Euspilotus scissus				D	D		D	D
Euspilotus sp. near *laridus*						L		
Geomysaprinus undet. sp.						D		D
Halacritus maritimus			D		D			
Hololepta vicina						L		
Hypocaccus bigemmeus			D	D	D		D	D
Hypocaccus gaudens				D	D	D	D	D
Hypocaccus lucidulus			D,L	D,L	D,L		D,L	D,L
Hypocaccus serrulatus						D		
Iliotona cacti				D				
Margarinotus sexstriatus							D,L	L
Neopachylopus sulcifrons			D	D	D,L		D	D	D
Plegaderus undet. sp.							D	
Saprinus lugens			L	D	D,L	D,L	D	D,L	D,L
Saprinus oregonensis							L	
Xerosaprinus fimbriatus						L		
Xerosaprinus lubricus			L			D,L	D,L	D,L
Xerosaprinus vitiosus						L		
HYDROPHILOIDEA								
Helophoridae								

Helophorus linearis				D						
Hydrophilidae										
Agna capillata								D		
Anacaena signaticollis					D				D,L	D
Berosus fraternus								L		
Berosus hatchi								L		
Berosus infuscatus				D						
Berosus punctatissimus								D	D,L	D
Cercyon fimbriatus				D	D,L	D		D,L	D	D
Cercyon haemorrhoidalis		yes					L			D
Cercyon luniger				D	L			L	D,L	
Cercyon quisquilius		yes						D	D	
Chaetarthria hespera								D,L	D	
Chaetarthria nigrella									D	D
Chaetarthria punctulata									D	
Chaetarthria pusilla									D	
Cymbiodyta columbiana									D	
Cymbiodyta dorsalis					D,L	D		D,L	D,L	D,L
Cymbiodyta punctatostriata									D,L	
Enochrus carinatus					L				D	
Enochrus cristatus									D	
Enochrus hamiltoni					D					
Enochrus piceus						D		D	D	D
Enochrus pygmaeus								D		
Helochares normatus									D,L	D
Hydrobius fuscipes									L	
Hydrochara lineata									D,L	L
Hydrophilus triangularis				D					D,L	
Laccobius californicus									D,L	
Laccobius ellipticus								D,L	D,L	D,L
Laccobius insolitus						D				D
Sphaeridium scarabaeoides		yes						D	D	D
Tropisternus affinis								D,L	D	D
Tropisternus californicus								L	L	
SCARABAEOIDEA										
Geotrupidae										
Bolbocerastes regalis				L						
Odonteus obesus										D
Scarabaeidae										
Aegialia convexa				L						
Aegialia crassa				L						
Aegialia nigrella						L				
Aegialia punctata						L				
Amblonoxia palpalis			D	L		D,L	L			
Aphodius fimetarius		yes	D					D	D	
Calamosternus granarius		yes	D			D		D		D,L
Canthon simplex				L						
Cinacanthus militaris						L				
Coenonycha clementina	yes			D,L						

Coenonycha clypeata		yes							D,L		
Coenonycha fulva		yes		D					D,L		
Coenonycha santacruzae		yes								D,L	
Cotinis mutabilis									D		
Cremastocheilus schaumii									D,L		
Cyclocephala borealis					L				L		
Cyclocephala hirta									D		
Cyclocephala longula					L		L			L	L
Cyclocephala melanocephala						L				L	L
Cyclocephala pasadenae						L				L	L
Dichelonyx backii										D	
Dichelonyx fulgida										L	
Dichelonyx pusilla						D,L				D,L	D,L
Diplotaxis fimbriata					L					L	
Diplotaxis subangulata					D,L					D,L	D,L
Hoplia callipyge										D,L	
Labarrus pseudolividus				D	D,L	D,L	D		L	D,L	D,L
Otophorus haemorrhoidalis			yes							D	
Phobetus	yes				D,L		D	L			D
Phobetus ciliatus		yes							D,L		
Phobetus testaceus		yes								D,L	
Phyllophaga mucorea					L						
Planolinellus vittatus							D,L				D,L
Polyphylla	yes					L					
Polyphylla crinita									D	D,L	L
Polyphylla nigra									D	D,L	L
Rugaphodius rugatus							D,L				D,L
Serica alternata					L		L	L			
Serica catalina		yes							L		
Serica cruzi		yes								D,L	
Serica mixta					L	L	L			L	L
Tesarius mcclayi							D				D
Tomarus gibbosus					D,L	D,L	D,L			D	D,L
Trogidae											
Trox atrox					D,L						
Trox gemmulatus					D,L						
STAPHYLINOIDEA											
Colonidae											
Colon forceps										D	
Hydraenidae											
Hydraena	yes				D						D
Hydraena arenicola										L	
Hydraena circulata										L	
Hydraena vandykei										L	
Ochthebius	yes				D	D	D				D
Ochthebius discretus									L		
Ochthebius interruptus										L	
Ochthebius puncticollis										D,L	
Leiodidae											

Agathidium pulchrum									D	
Agathidium virile				D				D		
Leiodes antennata								D		
Leiodes paludicola								D		
Pinodytes gibbosus								D,L	D,L	D,L
Ptiliidae										
Acrotrichis undet. sp.									D	D
Actidium undet. sp.									D	
Motschulskium sinuatocolle				D		D		D		
Ptenidium undet. sp.										D
Pteryx undet. sp.									D	D
Ptiliolum undet. sp.				D				D		D
Staphylinidae										
Acrotona	yes					D			D	
Acrotona recondita								L		
Acrotona sonomana								L		
Actium californicum									L	
Actium vestigialis		yes						D,L		
Adota maritima								L		
Aleochara bimaculata				L				L		
Aleochara curtidens							L			
Aleochara densissima								L		
Aleochara fumata			yes					L		
Aleochara lanuginosa			yes							D,L
Aleochara littoralis							L	L		
Aleochara sulcicollis				D	D,L	D,L		D	D,L	D,L
Aleochara valida				D	D			L		D
Aploderus	yes								D	D
Aploderus flavipennis								L		
Apocellus analis								L		
Astenus undet. sp.				D					D	
Atheta hampshirensis						D				
Belonuchus ephippiatus					D			D		
Bisnius albionicus					D					D
Bisnius sordidus			yes			D				D
Bledius albonotatus					D,L	D,L		D	D	D
Bledius fenyesi				D	D,L	D,L		D	D,L	D
Bledius opacifrons									D	D
Bledius ruficornis				D,L					D	D
Blepharhymenus undet. sp.				D					D	D
Brachycepsis undet. sp.								L	D,L	D
Bryoporus rufescens				D					D,L	D
Bryothinusa catalinae								D,L		
Cafius canescens					D	D,L		L	D	D
Cafius lithocharinus				D	D	D,L		D	D	D,L
Cafius luteipennis				D	D	D		D,L	D	D,L
Cafius opacus								L		
Cafius seminitens				D	D,L	D,L			D	D
Cafius sulcicollis				D					L	D,L

Carpelimus undet. sp.				D		D		D	D	D	
Cephennium urbanum								D,L			
Creophilus maxillosus				D,L				L	D	D	
Diaulota fulviventris									D	D	
Diestota undet. sp.				D	D	D		D	D	D	
Erichsonius puncticeps					D			L	D	D	
Euconnus undet. sp.				D				D		D	
Falagriota occidua									D,L	D	
Gabrius	yes								D		
Gabrius nigritulus		yes				D		L			
Gnypeta undet. sp.									D	D	
Habrocerus capillaricornis		yes							D		
Hadrotes crassus			D	D,L	D	D,L		D,L	D,L	D,L	
Hesperotychus undet. sp.								D,L			
Heterosilpha ramosa				D	L				D,L	D,L	
Heterothops conformis								D	D,L	D	
Heterothops fusculus								L			
Holobus undet. sp.								D			
Hydrosmecta undet. sp.									D		
Leptotyphlinae undet. sp.									D		
Linohesperus	yes			D				D			
Linohesperus borealis									L	D	
Linohesperus cuspifer									L		
Lobrathium	yes								D		
Lobrathium jacobinum										L	
Lordithon thoracicus								D	D		
Medon undet. sp.				D	D			D	D,L	D	
Meoticina undet. sp.									D		
Mycetoporus neotomae								D	D		
Myllaena undet. sp.					D			D	D	D	
Neobisnius occidentoides				D,L				D	D	D	
Neobisnius sobrinus										D	
Neobisnius terminalis									D		
Nicrophorus guttula				D,L				D		D	
Nicrophorus marginatus					D						
Nicrophorus nigrita			L	L			L	D,L	D,L	D,L	
Nitidotachinus agilis									D	D	
Nudobius pugetanus									D		
Oligota undet. sp.						D			D	D	
Omalium algarum						D					
Oropus undet. sp.								L	D,L		
Orus undet. sp.									D		
Oxypoda undet. sp.								D	D	D	
Palporus nitidulus						D			D		
Philonthus cruentatus		yes					D	D,L	D	D	
Philonthus davus									D	D	
Philonthus flavolimbatus								D			
Philonthus hepaticus								D			
Philonthus lecontei										L	

Philonthus longicornis		yes						L		
Philonthus quadrulus									D	
Philonthus triangulum								L		
Phloeopora undet. sp.									D	
Platystethus americanus										D
Pontomalota opaca					D,L	D				D
Pseudopsis	yes							L		
Pseudopsis minuta									D,L	
Quedius limbifer									D,L	D
Sepedophilus castaneus									D	D
Sonoma	yes								D,L	
Sonoma isabellae				D,L				D,L		
Sonomota undet. sp.				D					D	
Stenichnus undet. sp.								D,L		
Stictalia undet. sp.				D					D	D
Sunius	yes						L			
Sunius mobilis								L		
Sunius reductus								L		
Tachinus debilis									D	
Tachyporus	yes				L					
Tachyporus californicus				D		D		L	D	D,L
Tarphiota fucicola					D	D			D	D
Tarphiota geniculata				D	D	D		D	D	D
Tasgius ater		yes			D,L	D	L			D
Thanatophilus lapponicus										L
Thinobius undet. sp.						D			D	D
Thinopinus pictus					D,L	D,L		D,L	D,L	D,L
Thinusa fletcheri				D		D		D		D
Thinusa maritima									D,L	
BOSTRICHOIDEA										
Bostrichidae										
Amphicerus cornutus								D	D	
Lyctus cavicollis									D	
Lyctus linearis		yes							D	
Lyctus planicollis									D	
Melalgus confertus								D		
Polycaon stoutii								D	L	
Psoa maculata								D		
Psoa quadrisignata								L		
Scobicia declivis						L			D	
Scobicia suturalis			D					D	D	
Stephanopachys substriatus								D		
Dermestidae										
Anthrenus lepidus									D	D
Anthrenus verbasci		yes						D,L		
Cryptorhopalum apicale									D,L	
Cryptorhopalum triste										D
Dermestes	yes		D							
Dermestes caninus				L		L	D,L			L

Dermestes frischi			yes		D,L	D,L	D	D,L		D,L	
Dermestes marmoratus					D,L		L		L		L
Dermestes rattus										D	L
Dermestes talpinus										L	D
Megatoma variegata										D	D
Trogoderma sternale								D,L	D,L	D	D
Ptinidae											
Actenobius pleuralis										D	
Byrrhodes ulkei									D		
Colposternus tenuilineatus									L	D	
Ernobius debilis										D,L	
Ernobius punctulatus										L	
Euceratocerus hornii									L		
Euvrilletta catalinae		yes							L		
Euvrilletta occidentalis										D	
Hemicoelus nelsoni										D	D
Lasioderma serricorne			yes							D	
Oligomerus delicatulus				D							
Ozognathus cornutus									D	D	D
Petalium californicum										D	
Priobium punctatum									D	D,L	
Ptilinus basalis										D	
Ptinomorphus granosus											D
Ptinus agnatus										D	D
Ptinus fallax									D		
Stegobium paniceum			yes								D
Tricorynus	yes			D	D		D	D		D,L	
Tricorynus nubilus									L		
Tricorynus obsoletus									L		
Vrilletta blaisdelli									L	D	D
Xarifa insularis		yes			L				D,L	D	D
Xestobium marginicolle								L		D	
Xyletinus undet. sp.											D
CLEROIDEA											
Byturidae											
Xerasia grisescens						D			D,L	D,L	D
Cleridae											
Cymatodera angustata											L
Cymatodera caterinoi		yes		L						D,L	D,L
Cymatodera insularis		yes			L		D		D,L		
Cymatodera ovipennis									L		
Loedelia maculicollis										D	
Necrobia ruficollis			yes	D	L					D	
Necrobia rufipes			yes	D	D,L	D	D		D,L	D	D,L
Phyllobaenus	yes								D		
Phyllobaenus funebris						D				D	
Phyllobaenus scaber										D	D
Trichodes ornatus										D	
Melyridae											

Attalus transmarinus		yes			L					
Attalus undesc. sp.		yes			D					
Charopus undesc. sp.								L	D	
Collops cribrosus						D			D	D,L
Collops crusoe		yes				D	D,L		D,L	D,L
Collops vittatus								D		
Dasytastes	yes			D	D			D	D	D
Dasytastes catalinae		yes						D,L		
Dasytastes insularis		yes						L		
Dasytes	yes								D	
Dasytes clementae		yes			L					
Endeodes basalis					D	D	D	L	D	D
Endeodes collaris								L		D,L
Endeodes insularis						L	D	L		D
Eschatocrepis constrictus				D		D		L	D,L	D
Listrus	yes				D,L	D		L	D		D,L
Listrus anacapaensis		yes		L						
Listrus interruptus									D	
Malachius undet. sp.										L
Microasydates punctipennis		yes						D,L		
Microasydates sanclemente		yes			D,L					
Microasydates santabarbara				D,L					D,L	D,L
Microlipus laticeps						D		D	D	D
Pseudasydates explanatus								D		
Trichochrous brevicornis									D	D
Trichochrous calcaratus		yes		D,L		D,L			D,L	D,L
Trichochrous pedalis								D,L		
Trichochrous undet. sp.1 near *brevicornis*		yes		D		D			D	D
Trichochrous undet. sp. 2 near *brevicornis*		yes					D			
Trichochrous undet. sp. near *pedalis*		yes			D,L		D	D,L		
Trogossitidae										
Temnoscheila chlorodia									D,L	
Tenebroides crassicornis									L	
Tenebroides occidentalis									D	
TENEBRIONOIDEA										
Anthicidae										
Amblyderus obesus						D	D,L			
Amblyderus parviceps									D	D
Anthicus cribratus									D,L	
Anthicus maritimus							D			
Anthicus nanus								D	D	
Anthicus punctulatus					D			D	D	
Anthicus rufulus								D		
Cyclodinus annectens					L			D,L		
Ischyropalpus nitidulus				D				D,L	D,L	
Notoxus desertus								D,L	D	D
Notoxus sparsus									L	
Omonadus floralis			yes					L		

Ciidae										
Ceracis californicus										D
Cis undet. sp.									L	
Hadreule blaisdelli									D	
Orthocis punctatus								D		D
Sulcacis curtulus									D	
Meloidae										
Cordylospasta opaca									L	
Epicauta puncticollis										D,L
Lytta stygica				D						
Meloe barbarus				D,L		D,L	L	D,L	D,L	D
Meloe strigulosus					D,L					
Mordellidae										
Mordella albosuturalis									D	
Mordella hubbsi									D,L	
Mordellina undet. sp.				D	D	D	D	D	D	D
Mordellistena undet. sp.			D	D		D	D,L	D,L	D,L	D
Mycetophagidae										
Litargus balteatus									D	D
Mycetophagus pluriguttatus									D	D
Typhaea stercorea		yes						D		
Mycteridae										
Lacconotus pinicola								D,L	D,L	
Oedemeridae										
Copidita quadrimaculata				D	D	D		D	D	D
Nacerdes melanura		yes						D		
Xanthochroa marina									D	
Pyrochroidae										
Pedilus bardii									D	
Salpingidae										
Rhinosimus undet. sp.									D	
Scraptiidae										
Anaspis atrata									D	
Anaspis collaris								D,L		
Pentaria trifasciata						D		D,L	D	
Tenebrionidae										
Alaudes singularis				D,L		L				
Apocrypha anthicoides			D						D	
Apsena barbarae								L	L	
Apsena grossa	yes		D	D,L		D,L	D,L	D,L		D
Apsena pubescens				D				D,L	D	D
Apsena rufipes									D	D
Batuliodes rotundicollis				D						
Blapstinus angustus				D						
Blapstinus brevicollis								D	D,L	D,L
Blapstinus discolor					D			L	D	D
Cibdelis bachei	yes			L			L	D,L	D,L	D
Coelocnemis magna								D,L		
Coelus ciliatus			L			D			D	D

Coelus globosus			D,L		D,L	D,L	L	L	D,L	D,L
Coelus pacificus		yes	L	D,L	D,L	D,L	D,L	D,L	D,L	D,L
Conibius seriatus				D				D	D	
Coniontis elliptica								L		L
Coniontis lamentabilis								L		
Coniontis lata		yes	D,L	D,L	D,L	D,L	D,L		D,L	L
Coniontis microsticta									D	
Coniontis nemoralis									D	
Coniontis santarosae		yes			D,L				D,L	D,L
Coniontis subpubescens								L	L	
Coniontis viatica									L	
Corticeus opaculus									D,L	
Cryptadius inflatus									D,L	D
Eleodes acuticauda			D,L	D,L	D,L	D,L	D,L	D	D,L	D
Eleodes carbonaria				D				D,L		D
Eleodes clavicornis			D							
Eleodes dentipes			L	L		L			L	L
Eleodes gigantea					D					D
Eleodes inculta		yes	D,L		D,L		L	D	D,L	D,L
Eleodes littoralis			D	D	D			D,L	D,L	D,L
Eleodes nigropilosa								D,L	D	D
Eleodes osculans					D			D	D,L	D,L
Eleodes scabripennis							L			L
Eleodes subvestita		yes				D,L				
Epantius obscurus			D,L	D	D	D,L		D	D,L	D,L
Eusattus difficilis				L						
Eusattus politus		yes			D,L				L	D,L
Eusattus robustus		yes		D,L	D	D,L	D			D
Helops bachei		?yes	D	D,L	D	D	D,L	D	D	D
Helops blaisdelli						L				
Helops rugicollis								D		
Hylocrinus longulus						D				
Hymenorus	yes								L	
Hymenorus infuscatus								L		
Isomira	yes					D				
Isomira comstocki							D		D,L	
Isomira damnata								D		
Isomira luscitiosa									D	D
Isomira variabilis				L						
Lepidocnemeplatia sericea									D	
Metoponium	yes			D						
Metoponium convexicolle								L		
Metoponium insulare		yes						D,L		
Mycetochara	yes								D	
Mycetochara pubipennis								L		
Nyctoporis carinata			D		D,L			D,L	D,L	D,L
Phaleria rotundata			D,L	D		D,L		D,L	D,L	D
Platydema oregonensis									D	
Telabis serratus								D		

Tonibius sulcatus				D,L						
Tribolium castaneum		yes						D		
Ulus crassus									L	
Zopheridae										
Lasconotus linearis									D	D
Megataphrus tenuicornis										D
Phloeodes diabolicus									L	
Phloeodes plicatus								D,L	D,L	
Rhagodera costaefragmenta		yes		L						
Rhagodera interrupta						D,L				
Rhagodera tuberculata				L			L		D,L	
Synchita lecontei									D	
COCCINELLOIDEA										
Akalyptoischiidae										
Akalyptoischion heterotrichos								D		
Akalyptoischion hormathos				D			L	D	D	D
Cerylonidae										
Cerylon unicolor									D	
Coccinellidae										
Axion plagiatum									D	
Carinodulinka undesc. sp. near *baja*				D						
Cephaloscymnus occidentalis								L		
Chilocorus undet. sp.								L	D	
Coccidophilus atronitens									D	D
Coccinella californica			D,L	D,L	D	D,L	D,L	D,L	D,L	D,L
Coccinella johnsoni				D,L		D,L	D,L			
Coccinella novemnotata					D					
Coccinella septempunctata		yes	D	D	D	D	D	D	D	D
Cycloneda polita								L	D,L	D
Cycloneda sanguinea			D					D,L	D	
Delphastus catalinae				L				D,L	D,L	
Diomus debilis			D						D	
Hippodamia convergens			D,L	D	D,L	D	D,L	D,L	D,L	D,L
Hippodamia quinquesignata			D	D,L	D	D,L		D,L	D,L	D,L
Hyperaspidius	yes					D				
Hyperaspidius comparatus					L					
Hyperaspis	yes			D						D
Hyperaspis lateralis								D,L	D,L	
Hyperaspis sp. near *annexa*									D,L	
Hyperaspis taeniata									D,L	
Microweisea undet. sp.								D		
Nephus binaevatus		yes						D,L		
Nephus guttulatus			D				D	L	D	
Nephus sordidus			D			D		D		D
Nipus niger										D
Olla v-nigrum			D					D		
Paranaemia vittigera									L	
Psyllobora renifer									D	
Psyllobora vigintimaculata					D	D		D,L	D,L	D

Rhyzobius forestieri			yes						D,L	
Rhyzobius lophanthae			yes		L		D		D	D
Scymnus ardelio					L			L		
Scymnus cervicalis								L	D	D
Scymnus coniferarum									D	
Scymnus difficilis						D				D
Scymnus falli		yes				D		L	D,L	D,L
Scymnus fenderi										D
Scymnus jacobianus					D	D		D		
Scymnus loewii					D				D,L	
Scymnus marginicollis				D			D	D,L	D,L	D
Scymnus nebulosus						L		D,L	D	D
Scymnus pallens								L	D,L	D
Stethorus punctum								D	D	
Zagloba ornata						D		L	D	
Corylophidae										
Aenigmaticum californicum				D,L		D	D	D,L		
Orthoperus undet. sp.									D	
Sericoderus undet. sp.							D		D	D
Endomychidae										
Aphorista morosa								D	D	D,L
Latridiidae										
Cartodere australica			yes						D	
Corticaria undet. sp.								L		D
Corticarina	yes				D			D		
Corticarina cavicollis									D	
Corticarina herbivagans						L		D,L		
Corticarina milleri		yes		D		L	L	L	D	L
Corticarina minuta				D					D	
Dienerella undet. sp.								D,L		
Enicmus aterrimus									D	D
Fuchsina undesc. sp.		yes			D			D	D,L	D
Melanophthalma	yes			D						D
Melanophthalma americana					L	L		L	D	
Melanophthalma casta							L	D,L		
Melanophthalma insularis		yes			L					
Metophthalmus haigi					D			D	D,L	
Metophthalmus rudis					D			D	D,L	D
Metophthalmus trux					D			D	D,L	D
Revelieria californica									D	D
Stephostethus armatulus								L		
Stephostethus costicollis					D			D,L		
Stephostethus liratus										D
EROTYLOIDEA										
Erotylidae										
Cryptophilus angustus			yes						D	
Dacne californica					D			D,L	D,L	D
NITIDULOIDEA										
Kateretidae										
Amartus tinctus					D,L	L				D,L

Heterhelus sericans								L		
Monotomidae										
Hesperobaenus abbreviatus			D						D,L	D
Macreurops longicollis									D	
Phyconomus marinus					D				D	
Nitidulidae										
Brassicogethes aeneus								D		
Carpophilus	yes									D
Carpophilus discoideus									D	
Carpophilus ligneus			D		D	D				
Cryptarcha gila								D	L	D
Glischrochilus quadrisignatus		yes						D,L		
Glischrochilus sanguinolentus		yes						D,L		
Nitidula flavomaculata		yes						D		
Nitops pallipennis				D,L	D	D	D	D,L	D,L	D
Thalycra undet. sp.										D
CUCUJOIDEA										
Cryptophagidae										
Atomaria	yes									L
Atomaria lewisi		yes							D	
Atomaria nubipennis				D						
Atomaria puella									D	
Cryptophagus tuberculosus				D,L				L	D	
Laemophloeidae										
Narthecius striaticeps									D	
Phalacridae										
Phalacrus undet. sp. 1						D				
Phalacrus undet. sp. 2									D,L	
Silvanidae										
Silvanoprus angusticollis		yes							D	
CHRYSOMELOIDEA										
Cerambycidae										
Anastrangalia laetifica									D	
Arhopalus asperatus								L		
Arhopalus productus								L		
Asemum nitidum									D	
Brachysomida californica										D
Brothylus gemmulatus								D		
Callidiellum rufipenne		yes					L			
Callimus ruficollis								D	D	
Centrodera autumnata									D	
Centrodera spurca									D	
Desmocerus californicus									D	D
Enaphalodes hispicornis								D,L		
Holopleura marginata								D		
Ipochus fasciatus			D,L	L	D,L	D	D,L	D,L	D,L	D,L
Lophopogonius crinitus									D	D
Megobrium edwardsi								D		L
Nathrius brevipennis		yes							D	
Necydalis laevicollis										D

Oberea quadricallosa									D	
Paranoplium gracile								D,L		
Phoracantha recurva		yes						D	D	
Phoracantha semipunctata		yes						D	D	
Phymatodes decussatus									D	D,L
Phymatodes grandis								D	D	
Prionus californicus									D	
Saperda horni									D	
Stenocorus vestitus									D	
Sternidocinus barbarus									D,L	
Strophiona tigrina								D	D	
Styloxus fulleri									D	
Trichocnemis spiculatus										D
Xestoleptura crassipes									D	
Xylotrechus insignis								D,L		
Xylotrechus nauticus								D	D,L	
Chrysomelidae										
Acanthoscelides margaretae					D			D	D	D
Acanthoscelides napensis				D	L				D	D
Acanthoscelides pauperculus					L			L		
Acanthoscelides pullus			D	D	D	D		L	D	D
Altica undet. sp.			D						D	
Aulacothorax recticollis								D	D	
Calligrapha sigmoidea										D
Charidotella sexpunctata			D						D	
Colaspidea smaragdula				D,L				D,L	D	
Cryptocephalus sanguinicollis								D		
Diabrotica undecimpunctata							D,L	L	D,L	D
Diachus auratus			D	D,L	D,L	D		D,L	D,L	D,L
Dibolia californica									D	
Disonycha latiovittata									D	D
Epitrix similaris								L		
Epitrix subcrinita									D,L	
Erynephala morosa										L
Gastrophysa cyanea						D			D	D
Lema daturaphila									D,L	D
Longitarsus undet. sp. 1				D						
Longitarsus undet. sp. 2						D				
Megacerus impiger						D			D,L	
Monoxia sordida				L		D	D,L			
Monoxia undet. sp.			D							
Pachybrachis melanostictus									D	
Pachybrachis mobilis								D		
Pachybrachis pluripunctatus									D	
Pachybrachis punctatus								L	D	
Pachybrachis quadratus								L		
Phaedon prasinellus							D,L			
Phyllotreta	yes								D	
Phyllotreta pusilla								L		

Plagiodera californica									D,L	
Scelolyperus torquatus								L		
Spintherophyta punctum		yes								L
Stator limbatus								D,L		
Trachymela sloanei			yes						D	
Trirhabda confusa									D	
Trirhabda sericotrachyla									D	D
CURCULIONOIDEA										
Attelabidae										
Deporaus glastinus								D	D	
Temnocerus aeratoides									D	
Temnocerus aureus					L				D	
Temnocerus insularis					L			L		
Temnocerus naso									D	
Brentidae										
Apioninae	yes				D	D				D
Coelocephalapion antennatum								L	L	
Coelocephalapion californicum									L	
Coelocephalapion oedorhynchum								L		
Curculionidae										
?Undescribed genus near *Carphobius*, undesc. sp.		yes			D					
Anthonomus	yes			D						
Anthonomus inermis						L		D,L		L
Anthonomus pauperculus								L		
Anthonomus undesc. sp.		?yes						D		
Apleurus jacobinus						D,L				
Carphoborus declivis										D
Ceutorhynchus assimilis			yes						D	
Curculio aurivestis								D,L		
Curculio uniformis								L	D,L	
Dendrocranulus cucurbitae				D	D			D	D,L	D
Dendroctonus valens									D	
Elassoptes marinus					D	D	D		D	D
Emphyastes fucicola					D		D		D	D
Geodercodes latipennis					D				D,L	D,L
Gilbertiola undet. sp.								D,L		
Gnathotrichus pilosus									D	
Hypera postica			yes		D		D		D	D
Hypothenemus eruditus					D			D		D
Ips paraconfusus									D,L	
Listroderes	yes								D	
Listroderes costirostris			yes			D	D	D		D
Listronotus	yes							D		
Listronotus sordidus							L			
Micromastus gracilis								D		
Monarthrum scutellare									D	
Naupactus cervinus			yes					D,L	D	
Nemocestes undet. sp.								D	D,L	D

Notiodes aeratus					D						
Otiorhynchus cribricollis			yes				D				
Peritelinus undet. sp.				D							
Pityophthorus carmeli										D	D
Procryphalus utahensis						D					
Pselactus spadix			yes								D
Pseudips mexicanus										L	
Pseudopityophthorus agrifoliae										D	
Pseudopityophthorus pubipennis										D	D
Rhinocyllus conicus			yes							D	
Rhyncolus	yes					D		L			
Rhyncolus cylindricollis										D	
Scaphomorphus americanus					L						
Sciopithes insularis		yes			L						
Sciopithes setosus					L			L			
Scyphophorus yuccae										D	
Sibinia maculata						L	L	D,L			
Sitona californius				D		D,L			D	D,L	D
Smicronyx	yes				D						
Smicronyx cinereus											L
Sphenophorus graminis											D
Sphenophorus phoeniciensis										D	
Sphenophorus simplex							D				D
Sphenophorus vomerinus											L
Stenoclyptus sulcatus											D
Stenoptochus undet. sp.										D	
Thalasselephas testaceus					D		D				D
Trichobaris compacta										D	
Trigonoscuta anacapensis		yes		D,L							
Trigonoscuta catalina		yes							D,L		
Trigonoscuta clemente		yes			D,L			D			
Trigonoscuta curviscroba		yes						L			
Trigonoscuta miguelensis		yes				D,L					
Trigonoscuta nesiotis		yes		D,L							
Trigonoscuta nicolana		yes					D,L	D			
Trigonoscuta pilosa					L						L
Trigonoscuta sanctabarbarae		yes						D,L			
Trigonoscuta sanctarosae		yes									D,L
Trigonoscuta stantoni		yes								D,L	
Tychius	yes						L				
Tychius lineellus										D,L	D,L
Xyleborinus saxesenii			yes							D	D