

Threatened plants species of Guinea-Conakry: A preliminary checklist

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Abstract

Guinea-Conakry has one of the highest plant diversities in Sub-Saharan West Africa and is part of the Upper Guinean Forest ecoregion and the Guinean Forests of West Africa biodiversity hotspot. Guinea is a major supplier of the world's bauxite and has significant reserves of high grade iron ore, it also has small reserves of diamonds, gold and uranium. As a result large areas of open cast mining exist in the country and pressure on habitats and vegetation are increasing with the need to bring revenue into the country; this is in addition to unsustainable slash and burn agriculture and a growing population.

An initial list of 482 was drawn up from the Flore de Guinée, subsequent discussion and screening reduced the list to 253 which is presented here. It is estimated that c. 10% of the country's flora is threatened. Rediscoveries and new species are being made in Guinea, but they are often already threatened having been discovered as part of Environmental Impact Assessments. A comprehensive red list of threatened species is much needed to support the country's environmental policy as well as their international obligations.

Introduction

Guinea-Conakry has one of the highest plant diversities in Sub-Saharan West Africa and is part of the Upper Guinean Forest ecoregion (Burgess et al, 2004; WWF, 2000) and the Guinean Forests of West Africa biodiversity hotspot (CEPF, 2015). This diversity is due in part to the highland ranges of the Fouta Djallon and Loma-Man and Nimba mountains. These high altitude forests and grasslands have resulted in endemic species and interesting distribution patterns. There are large areas of lowland forest in Guinée Forestière (Forest Guinea), and some areas in Guinée Maritime (Coastal Guinea) though most of these forests are highly fragmented, the largest intact area is found around the Kounounkan massif in Forécariah Prefecture.

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Through funding from the Darwin Initiative and GBIF (EU BID grant) the Royal Botanic Gardens Kew and the National Herbarium of Guinea (HNG) are working together with the Government of Guinea and NGOs to establish a list of threatened plant species, a Red List, for Guinea which will assist in updating the current National Monographie.

Methodology

A list of species was drawn up based on the Flore de Guinée (Lisowski, 2009) and the Flora of West Tropical Africa and new species discoveries made in the interim years. There have been 20 new species described since 2005 from Guinea.

At the project inception workshop we presented a draft list of 482 threatened species which was discussed and edited with the project partners. This list was then screened against

specimens that were available at Kew and other online herbaria to see what data was available. A threshold of c. 20 specimens and few localities was used to determine if the species would likely be assessed as threatened. Species with many more than 20 specimens and many localities were deprioritised. These remaining species will undergo full IUCN Red List treatment and will be uploaded to the IUCN Red List website (www.redlist.org).

Results

Currently the preliminary list contains 253 threatened species, presented here. We estimate that there are approximately 3000 species of plant in Guinea, this suggests that c.10% of plants species will be classified as threatened. As part of the project, 61 species have been assessed so far. The current checklist gives the threat category where already published or awaiting review.

Discussion

Many endemic species have a lack of collection data since relatively little broad scale botanical exploration had been carried out since the 1960s and 1970s. As a result of recent fieldwork in 2016 resulted in a number of rediscoveries. *Caillella praerupticola* a monotypic genus in the Melastomataceae was previously only known from the type specimen collected by Jacques Felix in 1937 on cliffs of the Massif de Benna. Xander van der Burgt and his team rediscovered a population of c.100 plants in October 2016 in a similar area. Also originally collected in the Benna Massif in 1956, *Diospyros feliciana* another endemic, was rediscovered in a lowland forest patch in the Coyah hills and subsequently a larger population found in the Kounounkan forest; the largest surviving lowland forest in Coastal Guinea. In the Fouta Djallon, A large population of the endemic *Vernonia djalonensis* (Compositae) was found on the Diaguissa plateau; unfortunately a large part of this population is under threat from a new housing development and a granite crushing plant (for road construction). Newly discovered species are often under threat already, many having been found as a result of Environmental Impact Assessments (EIA) for mining and infrastructure projects. Therefore producing a list of threatened plant species for Guinea is of great importance not just for the botanical community, but also for the Government of Guinea to improve their environmental governance.

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Preliminary List of Threatened species for the Republic of Guinea.

Assessments: categories in red have been published, categories in black are awaiting review.

Family	Genus	Species	Subspecies	IUCN assessment
Acanthaceae	<i>Anisotes</i>	<i>guineensis</i>		EN
Acanthaceae	<i>Barleria</i>	<i>asterotricha</i>		CR
Acanthaceae	<i>Barleria</i>	<i>maclaudii</i>		EN
Acanthaceae	<i>Brachystephanus</i>	<i>jaundensis</i>	<i>nimbae</i>	VU
Acanthaceae	<i>Brachystephanus</i>	<i>oreacanthus</i>		VU
Acanthaceae	<i>Heteradelphina</i>	<i>paulojaegeria</i>		EN
Acanthaceae	<i>Isoglossa</i>	<i>dispersa</i>		VU
Acanthaceae	<i>Justicia</i>	<i>guineensis</i>		NT
Acanthaceae	<i>Justicia</i>	<i>jamisonii</i>		EN
Acanthaceae	<i>Lepidagathis</i>	<i>capituliformis</i>		NT
Acanthaceae	<i>Lepidagathis</i>	<i>chevalieri</i>		VU
Acanthaceae	<i>Lepidagathis</i>	<i>epacridea</i>		EN
Acanthaceae	<i>Lepidagathis</i>	<i>fimbriata</i>		NT
Acanthaceae	<i>Lepidagathis</i>	<i>pobeguinii</i>		NT
Acanthaceae	<i>Physacanthus</i>	<i>nematosiphon</i>		NT
Acanthaceae	<i>Rungia</i>	<i>eristostachya</i>		NT
Acanthaceae	<i>Satanocrater</i>	<i>fellatensis</i>		VU
Amaranthaceae	<i>Cyathula</i>	<i>pobeguinii</i>		
Anacardiaceae	<i>Fegimanra</i>	<i>afzelii</i>		NT
Anacardiaceae	<i>Trichoscypha</i>	<i>longifolia</i>		
Annonaceae	<i>Uvaria</i>	<i>thomasii</i>		
Apocynaceae	<i>Epistemma</i>	<i>assianum</i>		
Apocynaceae	<i>Landolphia</i>	<i>macrantha</i>		VU
Araceae	<i>Stylochaeton</i>	<i>pilosus</i>		EN
Asclepiadaceae	<i>Ceropegia</i>	<i>porphyrotricha</i>		
Asclepiadaceae	<i>Ceropegia</i>	<i>rhynchantha</i>		VU
Asclepiadaceae	<i>Marsdenia</i>	<i>exellii</i>		EN
Asclepiadaceae	<i>Raphionacme</i>	<i>caerulea</i>		EN
Asclepiadaceae	<i>Xysmalobium</i>	<i>samoritoureii</i>		EN
Asparagaceae/Agavaceae	<i>Dracaena</i>	<i>calocephala</i>		
Asparagaceae/Liliaceae	<i>Chlorophytum</i>	<i>immaculatum</i>		
Asparagaceae/Liliaceae	<i>Drimia</i>	<i>sudanica</i>		
Asteraceae	<i>Aspilia</i>	<i>chevalieri</i>		
Asteraceae	<i>Aspilia</i>	<i>elegans</i>		
Asteraceae	<i>Bidens</i>	<i>occidentalis</i>		VU
Asteraceae	<i>Echinops</i>	<i>guineensis</i>		
Asteraceae	<i>Emilia</i>	<i>djalonsensis</i>		
Asteraceae	<i>Emilia</i>	<i>guineensis</i>		
Asteraceae	<i>Erlangea</i>	<i>fruticosa</i>		
Asteraceae	<i>Lipotriche</i>	<i>felicis</i>		

Family	Genus	Species	Subspecies	IUCN assessment
Asteraceae	<i>Lipotriche</i>	<i>tithonioides</i>		EN
Asteraceae	<i>Microglossa</i>	<i>caudata</i>		
Asteraceae	<i>Mikaniopsis</i>	<i>camarae</i>		
Asteraceae	<i>Vernonia</i>	<i>bambilorensis</i>		
Asteraceae	<i>Vernonia</i>	<i>djalonsensis</i>		EN
Asteraceae	<i>Vernonia</i>	<i>nimbaensis</i>		
Balsaminaceae	<i>Impatiens</i>	<i>nzoana</i>	<i>bennae</i>	
Begoniaceae	<i>Begonia</i>	<i>quadrialata</i>	<i>nimbaensis</i>	
Bromeliaceae	<i>Pitcairnia</i>	<i>feliciana</i>		CR
Burmanniaceae	<i>Gymnosiphon</i>	<i>bekensis</i>		
Burmanniaceae	<i>Gymnosiphon</i>	<i>samoritoureanus</i>		
Capparidaceae	<i>Ritchiea</i>	<i>afzelii</i>		
Caryophyllaceae	<i>Polycarpaea</i>	<i>pobeguini</i>		
Chrysobalanaceae	<i>Bafodeya</i>	<i>benna</i>		
Chrysobalanaceae	<i>Dactyladenia</i>	<i>smeathmannii</i>		
Clusiaceae	<i>Calophyllum</i>	<i>africanum</i>		CR
Combretaceae	<i>Combretum</i>	<i>fulvum</i>		
Combretaceae	<i>Terminalia</i>	<i>scutifera</i>		
Commelinaceae	<i>Cyanotis</i>	<i>ganganensis</i>		
Commelinaceae	<i>Cyanotis</i>	<i>lourensis</i>		
Commelinaceae	<i>Cyanotis</i>	<i>scaberula</i>		
Commelinaceae	<i>Floscopa</i>	<i>axillaris</i>		
Convolvulaceae	<i>Cuscuta</i>	<i>blepharolepis</i>		
Cyperaceae	<i>Bulbostylis</i>	<i>bodardii</i>		EN
Cyperaceae	<i>Bulbostylis</i>	<i>guineensis</i>		EN
Cyperaceae	<i>Cyperus</i>	<i>atrorubidus</i>		
Cyperaceae	<i>Cyperus</i>	<i>felicis</i>		EN
Cyperaceae	<i>Cyperus</i>	<i>lateriticus</i>		EN
Cyperaceae	<i>Hypolytrum</i>	<i>cacuminum</i>		EN
Cyperaceae	<i>Nemum</i>	<i>bulbostyloides</i>		VU
Cyperaceae	<i>Rhynchospora</i>	<i>tenerrima</i>	<i>microcarpa</i>	
Cyperaceae	<i>Scleria</i>	<i>guineensis</i>		CR
Cyperaceae	<i>Scleria</i>	<i>robinsoniana</i>		NT
Ebenaceae	<i>Diospyros</i>	<i>feliciana</i>		EN
Eriocaulaceae	<i>Eriocaulon</i>	<i>cryptocephalum</i>		
Eriocaulaceae	<i>Eriocaulon</i>	<i>irregulare</i>		
Eriocaulaceae	<i>Eriocaulon</i>	<i>sessile</i>		
Eriocaulaceae	<i>Mesanthemum</i>	<i>auratum</i>		
Eriocaulaceae	<i>Mesanthemum</i>	<i>bennae</i>		
Eriocaulaceae	<i>Mesanthemum</i>	<i>tuberosum</i>		
Euphorbiaceae	<i>Acalypha</i>	<i>guineensis</i>		VU
Euphorbiaceae	<i>Apodiscus</i>	<i>chevalieri</i>		
Euphorbiaceae	<i>Karima</i>	<i>scarciensis</i>		NT
Euphorbiaceae	<i>Microstachys</i>	<i>faradianense</i>		

Family	Genus	Species	Subspecies	IUCN assessment
Euphorbiaceae	<i>Phyllanthus</i>	<i>felicis</i>		
Euphorbiaceae	<i>Tragia</i>	<i>wildemanii</i>		
Euphorbiaceae/Phyllanthaceae	<i>Phyllanthus</i>	<i>bancilhonae</i>		NT
Flacourtiaceae	<i>Dovyalis</i>	<i>sp. A.</i>		
Gentianaceae	<i>Djaloniella</i>	<i>ypsilostyla</i>		
Gentianaceae	<i>Sebaea</i>	<i>luteoalba</i>		
Hypericaceae	<i>Psorospermum</i>	<i>lanatum</i>		
Iridaceae	<i>Gladiolus</i>	<i>chevalierianus</i>		
Iridaceae	<i>Gladiolus</i>	<i>praecostatus</i>		
Iridaceae	<i>Gladiolus</i>	<i>sp. nov. benna</i>		
Lamiaceae	<i>Aeollanthus</i>	<i>paradoxus</i>		
Lamiaceae	<i>Coleus</i>	<i>splendidus</i>		
Lamiaceae	<i>Plectranthus</i>	<i>linearifolius</i>		EN
Lamiaceae	<i>Plectranthus</i>	<i>monostachyus</i>	<i>lateriticola</i>	
Lamiaceae	<i>Plectranthus</i>	<i>pobeguini</i>		
Lamiaceae	<i>Plectranthus</i>	<i>saxicola</i>		
Lamiaceae	<i>Plectranthus</i>	<i>sp. Nov. Phillipson</i>		
Lauraceae	<i>Beilschmiedia</i>	<i>djalonensis</i>		
Lecythidaceae	<i>Napoleonaea</i>	<i>alata</i>		
Leguminosae- Mimosaceae	<i>Pseudoprosopis</i>	<i>bampsiana</i>		
Leguminosae-Caesalpinaceae	<i>Bryaspis</i>	<i>humularioides</i>		
Leguminosae-Caesalpinaceae	<i>Cassia</i>	<i>aubrevillei</i>		
Leguminosae-Caesalpinaceae	<i>Copaifera</i>	<i>salikounda</i>		
Leguminosae-Caesalpinaceae	<i>Dialium</i>	<i>pobeguini</i>		
Leguminosae-Caesalpinaceae	<i>Gilbertiodendron</i>	<i>limba</i>		
Leguminosae-Caesalpinaceae	<i>Gilbertiodendron</i>	<i>tonkolili</i>		
Leguminosae-Caesalpinaceae	<i>Guibourtia</i>	<i>leonensis</i>		
Leguminosae-Caesalpinaceae	<i>Tessmannia</i>	<i>baikieaoides</i>		
Leguminosae-Papilionaceae	<i>Aeschynomene</i>	<i>deightonii</i>		
Leguminosae-Papilionaceae	<i>Baphia</i>	<i>heudelotiana</i>		
Leguminosae-Papilionaceae	<i>Dalbergia</i>	<i>adamii</i>		
Leguminosae-Papilionaceae	<i>Dalbergia</i>	<i>albiflora</i>	<i>albiflora</i>	
Leguminosae-Papilionaceae	<i>Droogmansia</i>	<i>montana</i>		
Leguminosae-Papilionaceae	<i>Droogmansia</i>	<i>scaettaiana</i>		NT
Leguminosae-Papilionaceae	<i>Droogmansia</i>	<i>chevalieri</i>		
Leguminosae-Papilionaceae	<i>Eriosema</i>	<i>arenicola</i>		
Leguminosae-Papilionaceae	<i>Eriosema</i>	<i>lateriticola</i>		
Leguminosae-Papilionaceae	<i>Eriosema</i>	<i>spicatum</i>	collinum	
Leguminosae-Papilionaceae	<i>Eriosema</i>	<i>triformum</i>		CR
Leguminosae-Papilionaceae	<i>Indigofera</i>	<i>megacephala</i>		
Leguminosae-Papilionaceae	<i>Indigofera</i>	<i>pobeguini</i>		
Leguminosae-Papilionaceae	<i>Indigofera</i>	<i>scarcesii</i>		
Leguminosae-Papilionaceae	<i>Kotschya</i>	<i>carsonii</i>	reflexa	
Leguminosae-Papilionaceae	<i>Kotschya</i>	<i>lutea</i>		
Leguminosae-Papilionaceae	<i>Kotschya</i>	<i>micrantha</i>		VU

Family	Genus	Species	Subspecies	IUCN assessment
Leguminosae-Papilionaceae	<i>Kotschya</i>	<i>uniflora</i>		
Leguminosae-Papilionaceae	<i>Leptoderris</i>	<i>cyclocarpa</i>		
Leguminosae-Papilionaceae	<i>Rhynchosia</i>	<i>chevalieri</i>		
Leguminosae-Papilionaceae	<i>Tephrosia</i>	<i>djalonica</i>		
Leguminosae-Papilionaceae	<i>Tephrosia</i>	<i>lathyroides</i>		
Lentibulariaceae	<i>Utricularia</i>	<i>macrocheilos</i>		
Lentibulariaceae	<i>Utricularia</i>	<i>tetraloba</i>		VU
Lentibulariaceae	<i>Genlisea</i>	<i>barthlottii</i>		VU
Lentibulariaceae	<i>Utricularia</i>	<i>pobeguini</i>		
Loganiaceae	<i>Mostuea</i>	<i>adamii</i>		
Loganiaceae	<i>Strychnos</i>	<i>melastomatoides</i>		
Loranthaceae	<i>Agelanthus</i>	<i>guineensis</i>		
Malvaceae	<i>Hibiscus</i>	<i>scotellii</i>		
Malvaceae	<i>Hibiscus</i>	<i>whytei</i>		
Melastomataceae	<i>Cailliella</i>	<i>praerupticola</i>		EN
Melastomataceae	<i>Cinnobotrys</i>	<i>felicis</i>		
Melastomataceae	<i>Dichaetanthera</i>	<i>echinulata</i>		
Melastomataceae	<i>Dissotis</i>	<i>leonensis</i>		
Melastomataceae	<i>Dissotis</i>	<i>pobeguini</i>		VU
Melastomataceae	<i>Dissotis</i>	<i>humilis</i>		
Melastomataceae	<i>Dissotis</i>	<i>linearis</i>		
Melastomataceae	<i>Dissotis</i>	<i>splendens</i>		
Melastomataceae	<i>Feliciadamia</i>	<i>stenocarpa</i>		
Melastomataceae	<i>Heterotis</i>	<i>pygmaea</i>		
Melastomataceae	<i>Heterotis</i>	<i>sylvestris</i>		
Melastomataceae	<i>Osbeckia</i>	<i>porteresii</i>		EN
Melastomataceae	<i>Osbeckia</i>	<i>praviantha</i>		
Melastomataceae	<i>Tristemma</i>	<i>involucratum</i>		
Meliaceae	<i>Leplaea</i>	<i>adenopunctata</i>		
Menyanthaceae	<i>Nymphoides</i>	<i>guineensis</i>		
Moraceae	<i>Dorstenia</i>	<i>astyanactis</i>		VU
Ochnaceae	<i>Fleurydora</i>	<i>felicis</i>		
Oleaceae	<i>Jasminum</i>	<i>cuneatum</i>		
Orchidaceae	<i>Habenaria</i>	<i>angustissima</i>		
Orchidaceae	<i>Habenaria</i>	<i>jacobii</i>		
Orchidaceae	<i>Habenaria</i>	<i>jaegeri</i>		EN
Orchidaceae	<i>Habenaria</i>	<i>lelyi</i>		
Orchidaceae	<i>Polystachya</i>	<i>oblanceolata</i>		
Orchidaceae	<i>Polystachya</i>	<i>orophila</i>		EN
Poaceae	<i>Anadelphia</i>	<i>chevalieri</i>		
Poaceae	<i>Anadelphia</i>	<i>funerea</i>		
Poaceae	<i>Anadelphia</i>	<i>macrochaeta</i>		
Poaceae	<i>Anadelphia</i>	<i>polychaeta</i>		
Poaceae	<i>Anadelphia</i>	<i>pumila</i>		
Poaceae	<i>Anadelphia</i>	<i>trepidaria</i>		

Family	Genus	Species	Subspecies	IUCN assessment
Poaceae	<i>Anadelphia</i>	<i>trichaeta</i>		
Poaceae	<i>Andropogon</i>	<i>incomptus</i>		
Poaceae	<i>Ctenium</i>	<i>sesquiflorum</i>		
Poaceae	<i>Danthoniopsis</i>	<i>chevalieri</i>		
Poaceae	<i>Digitaria</i>	<i>patagiata</i>		
Poaceae	<i>Dilophotriche</i>	<i>occidentalis</i>		
Poaceae	<i>Dilophotriche</i>	<i>pobeguinii</i>		
Poaceae	<i>Elymandra</i>	<i>archaelymandra</i>		
Poaceae	<i>Elymandra</i>	<i>subulata</i>		
Poaceae	<i>Eragrostis</i>	<i>cenolepis</i>		
Poaceae	<i>Eragrostis</i>	<i>egregia</i>		
Poaceae	<i>Eragrostis</i>	<i>pobeguinii</i>		
Poaceae	<i>Isachne</i>	<i>guineensis</i>		
Poaceae	<i>Loudetiopsis</i>	<i>baldwinii</i>		
Poaceae	<i>Loudetiopsis</i>	<i>capillipes</i>		
Poaceae	<i>Monocymbium</i>	<i>deightonii</i>		
Poaceae	<i>Monocymbium</i>	<i>lanceolatum</i>		
Poaceae	<i>Panicum</i>	<i>glaucocladum</i>		
Poaceae	<i>Rhytachne</i>	<i>glabra</i>		
Poaceae	<i>Rhytachne</i>	<i>megastachya</i>		
Poaceae	<i>Rhytachne</i>	<i>perfecta</i>		
Poaceae	<i>Schizachyrium</i>	<i>djalonicum</i>		
Poaceae	<i>Schizachyrium</i>	<i>penicillatum</i>		
Poaceae	<i>Schizachyrium</i>	<i>radicosum</i>		
Poaceae	<i>Schizachyrium</i>	<i>scintillans</i>		
Poaceae	<i>Sporobolus</i>	<i>pauciflorus</i>		
Podostemaceae	<i>Inversodicraea</i>	<i>pepehabei</i>		
Podostemaceae	<i>Ledermanniella</i>	<i>abbayesii</i>		
Podostemaceae	<i>Ledermanniella</i>	<i>guineensis</i>		
Podostemaceae	<i>Ledermanniella</i>	<i>taylorii</i>		
Podostemaceae	<i>Macropodiella</i>	<i>macrothyrsa</i>		
Podostemaceae	<i>Stonesia</i>	<i>fascicularis</i>		
Podostemaceae	<i>Stonesia</i>	<i>gracilis</i>		
Podostemaceae	<i>Stonesia</i>	<i>heterospathella</i>		
Polygalaceae	<i>Polygala</i>	<i>baikiei</i>	<i>pobeguinii</i>	
Polygalaceae	<i>Polygala</i>	<i>bennae</i>		
Ranunculaceae	<i>Clematis</i>	<i>kakoulimensis</i>		
Rhizophoraceae	<i>Cassipourea</i>	<i>adamii</i>		
Rubiaceae	<i>Bertiera</i>	<i>chevalieri</i>		
Rubiaceae	<i>Bertiera</i>	<i>fimbriata</i>		
Rubiaceae	<i>Multidentia</i>	<i>pobeguinii</i>		
Rubiaceae	<i>Pauridiantha</i>	<i>ziamaeana</i>		
Rubiaceae	<i>Pavetta</i>	<i>leonensis</i>		
Rubiaceae	<i>Psychotria</i>	<i>albicaulis</i>		
Rubiaceae	<i>Psychotria</i>	<i>linderi</i>		
Rubiaceae	<i>Psychotria</i>	<i>maliensis</i>		

Family	Genus	Species	Subspecies	IUCN assessment
Rubiaceae	<i>Psychotria</i>	<i>samoritouri</i>		
Rubiaceae	<i>Psychotria</i>	<i>schnellii</i>		
Rubiaceae	<i>Psychotria</i>	<i>sp. nov. aff. humilis</i>		
Rubiaceae	<i>Rytigynia</i>	<i>leonensis</i>		
Rubiaceae	<i>Sabicea</i>	<i>bracteolata</i>		
Rubiaceae	<i>Sericanthe</i>	<i>trilocularis</i>		
Rubiaceae	<i>Tarenna</i>	<i>brachysiphon</i>		
Rubiaceae	<i>Tarenna</i>	<i>hutchinsonii</i>		CR
Rubiaceae	<i>Tricalysia</i>	<i>faranahensis</i>		
Rutaceae	<i>Vepris</i>	<i>felicis</i>		CR
Santalaceae	<i>Okoubaka</i>	<i>aubrevillei</i>		EN
Sapindaceae	<i>Allophylus</i>	<i>samoritouri</i>		
Sapindaceae	<i>Chytranthus</i>	<i>ellipticus</i>		
Sapindaceae	<i>Glennia</i>	<i>adamii</i>		
Sapindaceae	<i>Placodiscus</i>	<i>riparius</i>		
Sapotaceae	<i>Manilkara</i>	<i>sp. nov. Simandou</i>		
Sapotaceae	<i>Neolemonniera</i>	<i>clitandrifolia</i>		
Sapotaceae	<i>Omphalocarpum</i>	<i>ahia</i>		
Scrophulariaceae	<i>Bacopa</i>	<i>lisowskiana</i>		
Scrophulariaceae (APG - Orbanchaceae)	<i>Striga</i>	<i>bilabiata</i>	<i>jaegeri</i>	
Scrophulariaceae (APG - Orbanchaceae)	<i>Striga</i>	<i>magnibraceolata</i>		
Scrophulariaceae (APG - Orbanchaceae)	<i>Buchnera</i>	<i>bowalensis</i>		
Sterculiaceae/Malvaceae	<i>Cola</i>	<i>triloba</i>		
Sterculiaceae/Malvaceae	<i>Cola</i>	<i>baldwinii</i>		
Thymelaeaceae	<i>Dicranolepis</i>	<i>pubescens</i>		
Tilliaceae	<i>Triumfetta</i>	<i>heudelotii</i>		
Tilliaceae	<i>Triumfetta</i>	<i>jaegeri</i>		
Urticaceae	<i>Urera</i>	<i>cuneata</i>		
Verbenaceae	<i>Clerodendrum</i>	<i>sylvae</i>		
Violaceae	<i>Rinorea</i>	<i>djalonsensis</i>		
Xyridaceae	<i>Xyris</i>	<i>festucifolia</i>		
Xyridaceae	<i>Xyris</i>	<i>leonensis</i>		
Zingiberaceae	<i>Aframomum</i>	<i>exscapum</i>		
Zingiberaceae	<i>Aframomum</i>	<i>longiscapum</i>		