

**Table 9: Possibly Extinct and Possibly Extinct in the Wild Species**

The number of recent extinctions documented by the Extinct (EX) and Extinct in the Wild (EW) categories on The IUCN Red List is likely to be a significant underestimate, even for well-known taxa such as birds. The tags 'Possibly Extinct' and 'Possibly Extinct in the Wild' have therefore been developed to identify those Critically Endangered species that are, on the balance of evidence, likely to be extinct (or extinct in the wild). These species cannot be listed as EX or EW until their extinction can be confirmed (i.e., until adequate surveys have been carried out and have failed to record the species and local or unconfirmed reports have been investigated and discounted).

All 'Possibly Extinct' and 'Possibly Extinct in the Wild' species on the current IUCN Red List are listed in the table below, along the year each assessment was carried out and, where available, the date each species was last recorded in the wild. Where the last record is an unconfirmed report, last recorded date is noted as "possibly".

**CR(PE)** - Critically Endangered (Possibly Extinct), **CR(PEW)** - Critically Endangered (Possibly Extinct in the Wild),

| Scientific name                   | Common name                          | IUCN Red List (2014) Category | Year of Assessment | Date last recorded in the wild |
|-----------------------------------|--------------------------------------|-------------------------------|--------------------|--------------------------------|
| <b>MAMMALS</b>                    |                                      |                               |                    |                                |
| <i>Bos sauveli</i>                | Kouprey                              | CR(PE)                        | 2008               | 1969/70                        |
| <i>Crateromys australis</i>       | Dinagat Crateromys                   | CR(PE)                        | 2008               | 1975                           |
| <i>Crocidura trichura</i>         | Christmas Island Shrew               | CR(PE)                        | 2008               | 1985                           |
| <i>Crocidura wimmeri</i>          | Wimmer's Shrew                       | CR(PE)                        | 2008               | 1976                           |
| <i>Cryptochloris wintoni</i>      | De Winton's Golden Mole              | CR(PE)                        | 2008               | 1937                           |
| <i>Dendrolagus mayri</i>          | Wondiwoi Tree-kangaroo               | CR(PE)                        | 2008               | 1928                           |
| <i>Dipodomys gravipes</i>         | San Quintin Kangaroo Rat             | CR(PE)                        | 2008               | 1986                           |
| <i>Leporillus apicalis</i>        | Lesser Stick-nest Rat                | CR(PE)                        | 2008               | 1970                           |
| <i>Lipotes vexillifer</i>         | Baiji                                | CR(PE)                        | 2008               | 2002                           |
| <i>Melanomys zunigae</i>          | Zuniga's Dark Rice Rat               | CR(PE)                        | 2008               | 1949                           |
| <i>Mesocapromys nanus</i>         | Dwarf Hutia                          | CR(PE)                        | 2008               | 1937                           |
| <i>Mesocapromys sanfelipensis</i> | Little Earth Hutia                   | CR(PE)                        | 2008               | 1978                           |
| <i>Monodelphis unistriatus</i>    | Single-striped Opossum               | CR(PE)                        | 2011               | 1899                           |
| <i>Murina tenebrosa</i>           | Gloomy Tube-nosed Bat                | CR(PE)                        | 2008               | 1962                           |
| <i>Mysateles garridoi</i>         | Garrido's Hutia                      | CR(PE)                        | 2008               | 1989                           |
| <i>Mystacina robusta</i>          | New Zealand Greater Short-tailed Bat | CR(PE)                        | 2008               | 1967                           |
| <i>Nilopegamys plumbeus</i>       | Ethiopian Amphibious Rat             | CR(PE)                        | 2008               | 1920s                          |
| <i>Nyctophilus howensis</i>       | Lord Howe Long-eared Bat             | CR(PE)                        | 2008               | 1972                           |
| <i>Peromyscus guardia</i>         | Angel Island Mouse                   | CR(PE)                        | 2008               | 1991                           |
| <i>Peromyscus mekisturus</i>      | Puebla Deer Mouse                    | CR(PE)                        | 2008               | Before 1948                    |
| <i>Phalanger matanim</i>          | Telefomin Cuscus                     | CR(PE)                        | 2008               | Possibly 1997                  |
| <i>Pharotis imogene</i>           | Thomas's Big-eared Bat               | CR(PE)                        | 2008               | 1890                           |
| <i>Pipistrellus murrayi</i>       | Christmas Island Pipistrelle         | CR(PE)                        | 2009               | 2009                           |
| <i>Pteralopex pulchra</i>         | Montane Monkey-faced Bat             | CR(PE)                        | 2008               | ?                              |
| <i>Pteropus aruensis</i>          | Aru Flying Fox                       | CR(PE)                        | 2008               | Possibly 1992                  |
| <i>Pteropus tuberculatus</i>      | Vanikoro Flying Fox                  | CR(PE)                        | 2008               | Before 1930                    |
| <i>Uromys emmae</i>               | Emma's Giant Rat                     | CR(PE)                        | 2008               |                                |
| <i>Uromys imperator</i>           | Emperor Rat                          | CR(PE)                        | 2008               | Possibly 1960s                 |
| <i>Uromys porculus</i>            | Guadalcanal Rat                      | CR(PE)                        | 2008               | 1886-1888                      |
| <i>Zyomys pedunculatus</i>        | Central Rock Rat                     | CR(PE)                        | 2008               | 2001                           |
| <b>BIRDS</b>                      |                                      |                               |                    |                                |
| <i>Campephilus imperialis</i>     | Imperial Woodpecker                  | CR(PE)                        | 2013               | 1956                           |
| <i>Cyanopsitta spixii</i>         | Spix's Macaw                         | CR(PEW)                       | 2013               | 2000                           |
| <i>Eriocnemis godini</i>          | Turquoise-throated Puffleg           | CR(PE)                        | 2012               | Possibly 1976                  |
| <i>Eurostopodus exul</i>          | New Caledonian Nightjar              | CR(PE)                        | 2014               | 1939                           |
| <i>Hemignathus lucidus</i>        | Nukupuu                              | CR(PE)                        | 2012               | 1995-1996                      |
| <i>Melamprosops phaeosoma</i>     | Poo-uli                              | CR(PE)                        | 2012               | 2004                           |
| <i>Myadestes lanaiensis</i>       | Olomao                               | CR(PE)                        | 2013               | 1994                           |
| <i>Numenius borealis</i>          | Eskimo Curlew                        | CR(PE)                        | 2012               | 1963                           |
| <i>Hydrobates macrodactylus</i>   | Guadalupe Storm-petrel               | CR(PE)                        | 2012               | 1912                           |
| <i>Paroreomyza maculata</i>       | Oahu Alauahio                        | CR(PE)                        | 2012               | 1985                           |
| <i>Pomarea mira</i>               | Ua Pou Monarch                       | CR(PE)                        | 2013               | Possibly 2010                  |
| <i>Psittirostra psittacea</i>     | Ou                                   | CR(PE)                        | 2012               | 1989                           |
| <i>Pterodroma caribbaea</i>       | Jamaica Petrel                       | CR(PE)                        | 2013               | 1879                           |
| <i>Pyrrhura subandina</i>         | Sinu Parakeet                        | CR(PE)                        | 2014               | 1949                           |
| <i>Siphonorhis americana</i>      | Jamaican Pauraque                    | CR(PE)                        | 2012               | 1860                           |
| <i>Sporophila melanops</i>        | Hooded Seedeater                     | CR(PE)                        | 2012               | 1823                           |
| <i>Turnix novaecaledoniae</i>     | New Caledonian Buttonquail           | CR(PE)                        | 2014               | 1911                           |
| <i>Vermivora bachmanii</i>        | Bachman's Warbler                    | CR(PE)                        | 2013               | 1988                           |

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|-------------------------------------|-----------------------------------|-------------------------------|--------------------|--------------------------------|
| <b>REPTILES</b>                     |                                   |                               |                    |                                |
| <i>Anolis roosevelti</i>            | Culebra Giant Anole               | CR(PE)                        | 2009               | 1932                           |
| <i>Calamaria prakkei</i>            | Prakke's Reed Snake               | CR(PE)                        | 2011               | ?                              |
| <i>Capitellum parvicruzae</i>       | Lesser Saint Croix Skink          | CR(PE)                        | 2013               | ?                              |
| <i>Celestus anelpistus</i>          | Giant Hispaniolan Galliwasp       | CR(PE)                        | 2004               | Possibly 2004                  |
| <i>Contomastix vittata</i>          |                                   | CR(PE)                        | 2009               | ?                              |
| <i>Cynisca gansi</i>                |                                   | CR(PE)                        | 2012               | ?                              |
| <i>Gallotia auaritatae</i>          | La Palma Giant Lizard             | CR(PE)                        | 2008               | ?                              |
| <i>Omodiphas cannula</i>            |                                   | CR(PE)                        | 2012               | 1989                           |
| <i>Pseudoxyrhopus ankafinaensis</i> |                                   | CR(PE)                        | 2011               | 1881                           |
| <i>Rhampholeon chapmanorum</i>      | Chapman's Pygmy Chameleon         | CR(PE)                        | 2014               | 1998                           |
| <i>Spondylurus magnacruzae</i>      | Greater Saint Croix Skink         | CR(PE)                        | 2013               | 2000                           |
| <i>Spondylurus monitae</i>          | Monito Skink                      | CR(PE)                        | 2013               | 1993                           |
| <i>Spondylurus spilonotus</i>       | Greater Virgin Islands Skink      | CR(PE)                        | 2013               | 1877                           |
| <i>Stenocercus haenschi</i>         | Haensch's Whorltail Iguana        | CR(PE)                        | 2009               | 1901                           |
| <i>Trimetopon viquezi</i>           | Viquez's Tropical Ground Snake    | CR(PE)                        | 2012               | 1927                           |
| <b>AMPHIBIANS</b>                   |                                   |                               |                    |                                |
| <i>Altiphrynoides osgoodi</i>       | Osgood's Ethiopian Toad           | CR(PE)                        | 2012               | 2003                           |
| <i>Andinobates abditus</i>          | Collins' Poison Frog              | CR(PE)                        | 2004               | ?                              |
| <i>Andinophryne colomai</i>         | Carchi Andes Toad                 | CR(PE)                        | 2004               | ?                              |
| <i>Aromobates nocturnus</i>         | Skunk Frog                        | CR(PE)                        | 2006               | 1991                           |
| <i>Arthroleptides dutoiti</i>       | Du Toit's Torrent Frog            | CR(PE)                        | 2004               | 1962                           |
| <i>Arthroleptis kutogundua</i>      | Overlooked Squeaker Frog          | CR(PE)                        | 2012               | 1930                           |
| <i>Arthroleptis troglodytes</i>     | Cave Squeaker                     | CR(PE)                        | 2014               | 1962                           |
| <i>Atelopus ardila</i>              |                                   | CR(PE)                        | 2012               | 1989                           |
| <i>Atelopus balios</i>              | Rio Pescado Stubfoot Toad         | CR(PE)                        | 2004               | 1995                           |
| <i>Atelopus carbonerensis</i>       | La Carbonera Stubfoot Toad        | CR(PE)                        | 2004               | 1998                           |
| <i>Atelopus chiriquiensis</i>       | Lewis' Stubfoot Toad              | CR(PE)                        | 2008               | Late 1990s                     |
| <i>Atelopus chirripoensis</i>       |                                   | CR(PE)                        | 2012               | 1980                           |
| <i>Atelopus chrysocorallus</i>      |                                   | CR(PE)                        | 2004               | 1988                           |
| <i>Atelopus eusebiodiazi</i>        |                                   | CR(PE)                        | 2010               | 1997                           |
| <i>Atelopus famelicus</i>           |                                   | CR(PE)                        | 2009               | 1993                           |
| <i>Atelopus guanujo</i>             |                                   | CR(PE)                        | 2004               | 1988                           |
| <i>Atelopus halihelos</i>           | Morona-Santiago Stubfoot Toad     | CR(PE)                        | 2006               | 1984                           |
| <i>Atelopus lynchi</i>              |                                   | CR(PE)                        | 2004               | 1984                           |
| <i>Atelopus mindoensis</i>          | Mindo Stubfoot Toad               | CR(PE)                        | 2004               | 1989                           |
| <i>Atelopus muisca</i>              | La Arboleda Stubfoot Toad         | CR(PE)                        | 2004               | 1996                           |
| <i>Atelopus nanay</i>               |                                   | CR(PE)                        | 2004               | 1989                           |
| <i>Atelopus onorei</i>              |                                   | CR(PE)                        | 2008               | 1990                           |
| <i>Atelopus oxyrhynchus</i>         | Rednose Stubfoot Toad             | CR(PE)                        | 2004               | 1994                           |
| <i>Atelopus pachydermus</i>         | Schmidt's Stubfoot Toad           | CR(PE)                        | 2008               | 1995                           |
| <i>Atelopus pastuso</i>             |                                   | CR(PE)                        | 2012               | 1993                           |
| <i>Atelopus peruensis</i>           | Peru Stubfoot Toad                | CR(PE)                        | 2006               | ?                              |
| <i>Atelopus petersi</i>             |                                   | CR(PE)                        | 2008               | 1996                           |
| <i>Atelopus pinangoi</i>            | Pinango Stubfoot Toad             | CR(PE)                        | 2004               | 1997                           |
| <i>Atelopus planispina</i>          | Flat-spined Atelopus              | CR(PE)                        | 2004               | 1985                           |
| <i>Atelopus podocarpus</i>          |                                   | CR(PE)                        | 2012               | 1994                           |
| <i>Atelopus sernai</i>              |                                   | CR(PE)                        | 2004               | 2000                           |
| <i>Atelopus sorianoi</i>            | Cloud Forest Stubfoot Toad        | CR(PE)                        | 2004               | 1990                           |
| <i>Bokermannohyla izecksohni</i>    |                                   | CR(PE)                        | 2004               | ?                              |
| <i>Bradytriton silus</i>            | Finca Chiblac Salamander          | CR(PE)                        | 2008               | 1976                           |
| <i>Bromelohyla dendroscarta</i>     | Greater Bromeliad Treefrog        | CR(PE)                        | 2004               | 1974                           |
| <i>Centrolene heloderma</i>         | Pichincha Giant Glass Frog        | CR(PE)                        | 2004               | 1996                           |
| <i>Charadrahyla altipotens</i>      | Yellow-bellied Voiceless Treefrog | CR(PE)                        | 2004               | 1960s                          |
| <i>Charadrahyla trux</i>            | Spine-fingered Treefrog           | CR(PE)                        | 2004               | ?                              |
| <i>Chiropterotriton magnipes</i>    | Big-footed Salamander             | CR(PE)                        | 2008               | ?                              |
| <i>Colostethus jacobuspetersi</i>   |                                   | CR(PE)                        | 2004               | 1960s                          |
| <i>Conraua derooi</i>               | Togo Slippery Frog                | CR(PE)                        | 2004               | ?                              |
| <i>Craugastor anciano</i>           | Corquin Robber Frog               | CR(PE)                        | 2004               | ?                              |
| <i>Craugastor angelicus</i>         | Angel Robber Frog                 | CR(PE)                        | 2008               | 1994                           |
| <i>Craugastor coffeus</i>           |                                   | CR(PE)                        | 2004               | ?                              |
| <i>Craugastor cruzi</i>             | Cruz Robber Frog                  | CR(PE)                        | 2004               | 1988                           |
| <i>Craugastor emleni</i>            |                                   | CR(PE)                        | 2004               | 1985                           |
| <i>Craugastor fecundus</i>          |                                   | CR(PE)                        | 2004               | ?                              |
| <i>Craugastor gulosus</i>           |                                   | CR(PE)                        | 2013               | 1983                           |
| <i>Craugastor obesus</i>            |                                   | CR(PE)                        | 2013               | 1984                           |
| <i>Craugastor olanchano</i>         |                                   | CR(PE)                        | 2004               | ?                              |
| <i>Craugastor omoaensis</i>         |                                   | CR(PE)                        | 2004               | ?                              |
| <i>Craugastor polymniae</i>         | Sierra Juarez Robber Frog         | CR(PE)                        | 2004               | 1983                           |
| <i>Craugastor stadelmani</i>        |                                   | CR(PE)                        | 2004               | 1993                           |
| <i>Craugastor trachydermus</i>      |                                   | CR(PE)                        | 2004               | ?                              |
| <i>Cryptobatrachus nicefori</i>     |                                   | CR(PE)                        | 2004               | ?                              |
| <i>Ecnomiohyla echinata</i>         | Oaxacan Fringe-limbed Treefrog    | CR(PE)                        | 2004               | 1962                           |

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|---|-----------------------------|-------------------------------|--------------------|--------------------------------|
| <i>Eleutherodactylus eneidae</i>          | Villalba Robber Frog        | CR(PE)                        | 2008               | 1990                           |
| <i>Eleutherodactylus glanduliferoides</i> | La Visite Robber Frog       | CR(PE)                        | 2008               | 1985                           |
| <i>Eleutherodactylus karlschmidti</i>     | Karl's Robber Frog          | CR(PE)                        | 2008               | 1976 or 1988                   |
| <i>Eleutherodactylus orcutti</i>          | Arntully Robber Frog        | CR(PE)                        | 2008               | mid-1980s                      |
| <i>Eleutherodactylus schmidti</i>         | Schmidt's Robber Frog       | CR(PE)                        | 2008               | mid-1980s                      |
| <i>Eleutherodactylus semipalmatus</i>     | Foothill Robber Frog        | CR(PE)                        | 2008               | 1985                           |
| <i>Gastrotheca lauzuricae</i>             | La Siberia Marsupial Frog   | CR(PE)                        | 2004               | 1989                           |
| <i>Holoaden bradei</i>                    | Itatiaia Highland Frog      | CR(PE)                        | 2004               | 1976                           |
| <i>Hyla heinzsteinitzi</i>                |                             | CR(PE)                        | 2008               | ?                              |
| <i>Hyloscirtus chlorosteus</i>            | Parjacti Treefrog           | CR(PE)                        | 2004               | 1970s                          |
| <i>Hyloxalus edwardsi</i>                 | Edwards' Rocket Frog        | CR(PE)                        | 2004               | 1996                           |
| <i>Hyloxalus ruizi</i>                    | Ruiz's Rocket Frog          | CR(PE)                        | 2004               | ?                              |
| <i>Hypsiboas cymbalum</i>                 |                             | CR(PE)                        | 2004               | ?                              |
| <i>Incilius fastidiosus</i>               | Pico Blanco Toad            | CR(PE)                        | 2008               | ?                              |
| <i>Isthmohyla debilis</i>                 | Isla Bonita Treefrog        | CR(PE)                        | 2008               | 1998                           |
| <i>Lithobates omiltemanus</i>             | Guerreran Leopard Frog      | CR(PE)                        | 2004               | 1978                           |
| <i>Lithobates pueblae</i>                 |                             | CR(PE)                        | 2004               | ?                              |
| <i>Lithobates tlaloci</i>                 | Tlaloc's Leopard Frog       | CR(PE)                        | 2004               | 1985                           |
| <i>Litoria castanea</i>                   | Yellow-spotted Tree Frog    | CR(PE)                        | 2004               | 1980                           |
| <i>Litoria piperata</i>                   | Peppered Tree Frog          | CR(PE)                        | 2004               | 1973                           |
| <i>Mannophryne neblina</i>                |                             | CR(PE)                        | 2004               | ?                              |
| <i>Melanophryniscus peritus</i>           |                             | CR(PE)                        | 2013               | 1953                           |
| <i>Oedipina paucidentata</i>              | El Empalme Worm Salamander  | CR(PE)                        | 2008               | 1952                           |
| <i>Oreobates zongoensis</i>               |                             | CR(PE)                        | 2004               | 1996                           |
| <i>Parhoplophryne usambarica</i>          | Amani Forest Frog           | CR(PE)                        | 2012               | 1920s                          |
| <i>Peltophryne fluviatica</i>             | Hispaniolan Crestless Toad  | CR(PE)                        | 2004               | ?                              |
| <i>Philautus jacobsoni</i>                |                             | CR(PE)                        | 2004               | ?                              |
| <i>Plectrohyla calvicollina</i>           | Cerro Pelón Treefrog        | CR(PE)                        | 2004               | 1984                           |
| <i>Plectrohyla celata</i>                 | Oaxaca Treefrog             | CR(PE)                        | 2004               | 1984                           |
| <i>Plectrohyla cembra</i>                 |                             | CR(PE)                        | 2006               | 1993                           |
| <i>Plectrohyla cyanomma</i>               | Blue-eyed Aquatic Treefrog  | CR(PE)                        | 2009               | 1980                           |
| <i>Plectrohyla ephemera</i>               |                             | CR(PE)                        | 2006               | ?                              |
| <i>Plectrohyla hazelae</i>                | Hazel's Treefrog            | CR(PE)                        | 2004               | 1984                           |
| <i>Plectrohyla siopela</i>                | Voiceless Treefrog          | CR(PE)                        | 2009               | ?                              |
| <i>Plectrohyla thorectes</i>              | Adler's Mottled Treefrog    | CR(PE)                        | 2004               | 1984                           |
| <i>Pristimantis bernali</i>               | Argelia Robber Frog         | CR(PE)                        | 2004               | 1981                           |
| <i>Proceratophrys moratoi</i>             | Botucatu Escuerzo           | CR(PE)                        | 2004               | 1990                           |
| <i>Prostherapis dunni</i>                 |                             | CR(PE)                        | 2006               | ?                              |
| <i>Pseudoeurycea ahuitzotl</i>            |                             | CR(PE)                        | 2008               | 1960s                          |
| <i>Pseudoeurycea anitae</i>               |                             | CR(PE)                        | 2008               | ?                              |
| <i>Pseudoeurycea aquatica</i>             | Aquatic Salamander          | CR(PE)                        | 2008               | 1978                           |
| <i>Pseudoeurycea naucampatepetl</i>       | Cofre de Perote Salamander  | CR(PE)                        | 2008               | ?                              |
| <i>Pseudoeurycea praecellens</i>          |                             | CR(PE)                        | 2009               | ?                              |
| <i>Pseudoeurycea tlahcuiloh</i>           |                             | CR(PE)                        | 2008               | 1960s                          |
| <i>Pseudoeurycea unguidentis</i>          |                             | CR(PE)                        | 2009               | 1976                           |
| <i>Rhinella rostrata</i>                  |                             | CR(PE)                        | 2004               | 1914                           |
| <i>Rhinoderma rufum</i>                   |                             | CR(PE)                        | 2008               | 1978                           |
| <i>Scutigera maculatus</i>                | Piebald Alpine Toad         | CR(PE)                        | 2004               | 1970s                          |
| <i>Telmatobius cirrhacelis</i>            | Loja Water Frog             | CR(PE)                        | 2008               | 1981                           |
| <i>Telmatobius niger</i>                  | Black Water Frog            | CR(PE)                        | 2008               | 1994                           |
| <i>Telmatobius vellardi</i>               | Vellard's Water Frog        | CR(PE)                        | 2008               | 1987                           |
| <i>Thorius infernalis</i>                 | Atoyac Minute Salamander    | CR(PE)                        | 2008               | 1980s                          |
| <i>Thorius minydemus</i>                  |                             | CR(PE)                        | 2008               | 1999                           |
| <i>Thorius munificus</i>                  |                             | CR(PE)                        | 2008               | 1997                           |
| <i>Thorius narismagnus</i>                | San Martin Pigmy Salamander | CR(PE)                        | 2008               | 1980s                          |
| <i>Vandijkophrynus amatolicus</i>         | Amatola Toad                | CR(PE)                        | 2010               | Before 1998                    |
| <b>FISHES</b>                             |                             |                               |                    |                                |
| <i>Acanthobrama centisquama</i>           | Long-spine Bream            | CR(PE)                        | 2013               | early 20th century             |
| <i>Acanthobrama tricolor</i>              | Damascus Bream              | CR(PE)                        | 2013               | 1980s                          |
| <i>Acipenser dabryanus</i>                | Yangtze Sturgeon            | CR(PE)                        | 2009               | ?                              |
| <i>Acipenser naccarii</i>                 | Adriatic Sturgeon           | CR(PE)                        | 2009               | ?                              |
| <i>Alosa vistonica</i>                    |                             | CR(PE)                        | 2006               | ?                              |
| <i>Anabarrilius qiluensis</i>             |                             | CR(PE)                        | 2011               | Early 1980s                    |
| <i>Anabarrilius yangzonensis</i>          |                             | CR(PE)                        | 2011               | ?                              |
| <i>Azurina eupalama</i>                   | Galápagos Damsel            | CR(PE)                        | 2008               | 1980s                          |
| <i>Balantiocheilus ambusticauda</i>       | Siamese Bala-shak           | CR(PE)                        | 2011               | 1974                           |
| <i>Barbodes bovanicus</i>                 | Bovany Barb                 | CR(PE)                        | 2010               | 1998                           |
| <i>Caecocypris basimi</i>                 | Haditha Cavefish            | CR(PE)                        | 2013               | 1983                           |
| <i>Carcharhinus hemiodon</i>              | Pondicherry Shark           | CR(PE)                        | 2003               | 1979                           |
| <i>Cobitis kellei</i>                     | Diyarbakir Spined Loach     | CR(PE)                        | 2013               | 1974                           |
| <i>Coregonus hoferi</i>                   |                             | CR(PE)                        | 2008               | 1980s                          |
| <i>Coregonus reighardi</i>                | Shortnose Cisco             | CR(PE)                        | 1996               | 1985                           |
| <i>Cyprinus barbatus</i>                  |                             | CR(PE)                        | 2011               | 1982                           |

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|---|---------------------------------|-------------------------------|--------------------|--------------------------------|
| <i>Cyprinus ilishaestomus</i>               |                                 | CR(PE)                        | 2009               | Late 1970s                     |
| <i>Cyprinus micristius</i>                  | Dianchi Carp                    | CR(PE)                        | 2008               | 1980s                          |
| <i>Cyprinus qionghaiensis</i>               |                                 | CR(PE)                        | 2007               | ?                              |
| <i>Cyprinus yunnanensis</i>                 |                                 | CR(PE)                        | 2009               | Late 1970s                     |
| <i>Fundulopanchax powelli</i>               |                                 | CR(PE)                        | 2006               | ?                              |
| <i>Haplochromis aelocephalus</i>            |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis antleter</i>                |                                 | CR(PE)                        | 2010               | 1982                           |
| <i>Haplochromis apogonoides</i>             |                                 | CR(PE)                        | 2010               | 1983                           |
| <i>Haplochromis argenteus</i>               |                                 | CR(PE)                        | 2010               | 1983                           |
| <i>Haplochromis barbarae</i>                |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis bareli</i>                  |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis brownae</i>                 |                                 | CR(PE)                        | 2010               | 1980                           |
| <i>Haplochromis cassius</i>                 |                                 | CR(PE)                        | 2010               | 1986                           |
| <i>Haplochromis cinctus</i>                 |                                 | CR(PE)                        | 2010               | 1982                           |
| <i>Haplochromis cnester</i>                 |                                 | CR(PE)                        | 2010               | 1982                           |
| <i>Haplochromis coprologus</i>              |                                 | CR(PE)                        | 2010               | 1982                           |
| <i>Haplochromis crassilabris</i>            |                                 | CR(PE)                        | 2010               | 1980                           |
| <i>Haplochromis crocopeplus</i>             |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis dentex</i>                  |                                 | CR(PE)                        | 2010               | 1987                           |
| <i>Haplochromis dichrourus</i>              |                                 | CR(PE)                        | 2010               | 1986                           |
| <i>Haplochromis flavipinnis</i>             |                                 | CR(PE)                        | 2010               | 1984                           |
| <i>Haplochromis granti</i>                  |                                 | CR(PE)                        | 2010               | 1986                           |
| <i>Haplochromis guiarti</i>                 |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis heusinkveldi</i>            |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis hiatus</i>                  |                                 | CR(PE)                        | 2010               | 1980                           |
| <i>Haplochromis iris</i>                    |                                 | CR(PE)                        | 2010               | 1980                           |
| <i>Haplochromis ishmaeli</i>                |                                 | CR(PE)                        | 2010               | 1991                           |
| <i>Haplochromis katunzii</i>                |                                 | CR(PE)                        | 2010               | 1982                           |
| <i>Haplochromis longirostris</i>            |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis macrognathus</i>            |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis martini</i>                 |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis michaeli</i>                |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis microdon</i>                |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis mylergates</i>              |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis nanoserranus</i>            |                                 | CR(PE)                        | 2010               | 1986                           |
| <i>Haplochromis pancitrinus</i>             |                                 | CR(PE)                        | 2010               | 1986                           |
| <i>Haplochromis parvidens</i>               |                                 | CR(PE)                        | 2010               | 1995                           |
| <i>Haplochromis percoides</i>               |                                 | CR(PE)                        | 2010               | 1986                           |
| <i>Haplochromis perrieri</i>                |                                 | CR(PE)                        | 2010               | 1986                           |
| <i>Haplochromis plutonius</i>               |                                 | CR(PE)                        | 2010               | 1980                           |
| <i>Haplochromis ptistes</i>                 |                                 | CR(PE)                        | 2010               | 1984                           |
| <i>Haplochromis pyrrhopteryx</i>            |                                 | CR(PE)                        | 2010               | 1983                           |
| <i>Haplochromis sp. nov. 'micro-obesus'</i> |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis sphex</i>                   |                                 | CR(PE)                        | 2010               | 1986                           |
| <i>Haplochromis sulphureus</i>              |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis teegelaari</i>              |                                 | CR(PE)                        | 2010               | 1986                           |
| <i>Haplochromis theliodon</i>               |                                 | CR(PE)                        | 2010               | 1993                           |
| <i>Haplochromis ushindi</i>                 |                                 | CR(PE)                        | 2010               | 1980                           |
| <i>Haplochromis victorianus</i>             |                                 | CR(PE)                        | 2010               | 1985                           |
| <i>Haplochromis vonlinnei</i>               |                                 | CR(PE)                        | 2010               | 1980                           |
| <i>Haplochromis xenostoma</i>               |                                 | CR(PE)                        | 2010               | 1983                           |
| <i>Hemibagrus punctatus</i>                 | Nilgiri Mystus                  | CR(PE)                        | 2010               | Late 1990s                     |
| <i>Hypseobarbus pulchellus</i>              |                                 | CR(PE)                        | 2011               | 1870                           |
| <i>Knipowitschia cameliae</i>               | Danube Delta Dwarf Goby         | CR(PE)                        | 2008               | 1994                           |
| <i>Pantanodon sp. nov. 'Manombo'</i>        |                                 | CR(PE)                        | 2004               | 1997                           |
| <i>Paraschistura chrysicristinae</i>        | Diyarbakır Loach                | CR(PE)                        | 2014               | 1970s                          |
| <i>Parapsilorhynchus prateri</i>            | Deolali Minnow                  | CR(PE)                        | 2010               | 1937                           |
| <i>Poropuntius chonglingchungi</i>          |                                 | CR(PE)                        | 2011               | 1980s                          |
| <i>Psephurus gladius</i>                    | Chinese Paddlefish              | CR(PE)                        | 2009               | 2003                           |
| <i>Pseudophoxinus sojuchbulagi</i>          | Akstafa Spring Roach            | CR(PE)                        | 2014               | 1948                           |
| <i>Pseudophoxinus syriacus</i>              | Barada Spring Minnow            | CR(PE)                        | 2013               | 2008                           |
| <i>Pseudoscaphirhynchus fedtschenkoi</i>    | Syr-darya Shovelnose Sturgeon   | CR(PE)                        | 2009               | 1960s                          |
| <i>Puntius compressiformis</i>              |                                 | CR(PE)                        | 2011               | 1994                           |
| <i>Puntius deccanensis</i>                  | Deccan Barb                     | CR(PE)                        | 2010               | ?                              |
| <i>Schistura nasifilis</i>                  |                                 | CR(PE)                        | 2010               | 1936                           |
| <i>Schistura tenuta</i>                     |                                 | CR(PE)                        | 2011               | 1998                           |
| <i>Sciaena callaensis</i>                   |                                 | CR(PE)                        | 2009               | 1966                           |
| <i>Stiphodon discotorquatus</i>             |                                 | CR(PE)                        | 2011               | 1985                           |
| <i>Urolophus javanicus</i>                  | Java Stingaree                  | CR(PE)                        | 2006               | mid-19th century               |
| <i>Xenoclaris eupogon</i>                   | Lake Victoria Deepwater Catfish | CR(PE)                        | 2006               | 1997                           |
| <b>SPIDERS</b>                              |                                 |                               |                    |                                |
| <i>Afrogarypus seychellesensis</i>          |                                 | CR(PE)                        | 2012               | 1940                           |
| <i>Biantes parvulus</i>                     |                                 | CR(PE)                        | 2012               | 1972                           |

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|-------------------------------------|-------------------------------------|-------------------------------|--------------------|--------------------------------|
| <i>Euso muehlenbergi</i>            |                                     | CR(PE)                        | 2012               | 1975                           |
| <i>Gamasomorpha austera</i>         |                                     | CR(PE)                        | 2012               | 1892                           |
| <i>Holozoster ovalis</i>            |                                     | CR(PE)                        | 2012               | 1972                           |
| <i>Ibalonius lomani</i>             |                                     | CR(PE)                        | 2012               | 1972                           |
| <i>Idioctis intertidalis</i>        |                                     | CR(PE)                        | 2012               | 1972                           |
| <i>Mitraceras crassipalpus</i>      |                                     | CR(PE)                        | 2012               | 1972                           |
| <i>Moneta coercerveya</i>           |                                     | CR(PE)                        | 2012               | 1972                           |
| <i>Nesiergus gardineri</i>          |                                     | CR(PE)                        | 2012               | 1974                           |
| <i>Nesiergus halophilus</i>         |                                     | CR(PE)                        | 2012               | 1972                           |
| <i>Paccius quadridentatus</i>       |                                     | CR(PE)                        | 2012               | 1892                           |
| <i>Seychellia lodoiceae</i>         |                                     | CR(PE)                        | 2012               | 1972                           |
| <i>Sitalcicus incertus</i>          |                                     | CR(PE)                        | 2012               | 1972                           |
| <i>Steriphopus lacertosus</i>       |                                     | CR(PE)                        | 2012               | 1892                           |
| <i>Voraptus tenellus</i>            |                                     | CR(PE)                        | 2012               | 1972                           |
| <b>CENTIPEDES</b>                   |                                     |                               |                    |                                |
| <i>Mecistocephalus cyclops</i>      |                                     | CR(PE)                        | 2012               | 1892                           |
| <i>Mecistocephalus sechellarum</i>  |                                     | CR(PE)                        | 2012               | 1972                           |
| <b>MILLIPEDES</b>                   |                                     |                               |                    |                                |
| <i>Diglossosternoides curiosus</i>  |                                     | CR(PE)                        | 2012               | 1984                           |
| <i>Rhinotus albifrons</i>           |                                     | CR(PE)                        | 2012               | 1972                           |
| <i>Spirobolellus simplex</i>        |                                     | CR(PE)                        | 2012               | 1951                           |
| <b>INSECTS</b>                      |                                     |                               |                    |                                |
| <i>Acanthothericles bicoloripes</i> | Morogoro Pretty Grasshopper         | CR(PE)                        | 2014               | 1939                           |
| <i>Allaga ambigua</i>               | Zanzibar Giant Forest Grasshopper   | CR(PE)                        | 2013               | 1898                           |
| <i>Ameles fasciipennis</i>          | Spined Dwarf Mantis                 | CR(PE)                        | 2014               | about 1871                     |
| <i>Andrena labiatula</i>            |                                     | CR(PE)                        | 2013               | 1963                           |
| <i>Anischnansis burtti</i>          | Usambara Splendid Grasshopper       | CR(PE)                        | 2013               | 1966                           |
| <i>Anisogomphus solitaris</i>       |                                     | CR(PE)                        | 2006               | 1970s                          |
| <i>Balta crassivenosa</i>           |                                     | CR(PE)                        | 2007               | 1908                           |
| <i>Chlorocypha jejuna</i>           | Togo Jewel                          | CR(PE)                        | 2006               | 1890s                          |
| <i>Chromomastax movogovodia</i>     | Morogoro Monkey Grasshopper         | CR(PE)                        | 2014               | 1934                           |
| <i>Chromousambilla burtti</i>       | Mpwapwa Silent Grasshopper          | CR(PE)                        | 2014               | 1947                           |
| <i>Dericorys minutus</i>            | Maspalomas Bow-legged Grasshopper   | CR(PE)                        | 2014               | 1949                           |
| <i>Disparoneura ramajana</i>        |                                     | CR(PE)                        | 2006               | before 1970s                   |
| <i>Drepanosticta adami</i>          |                                     | CR(PE)                        | 2006               | before 1930s                   |
| <i>Drepanosticta austeni</i>        |                                     | CR(PE)                        | 2006               | before 1940s                   |
| <i>Drepanosticta montana</i>        |                                     | CR(PE)                        | 2006               | 1940s                          |
| <i>Drepanosticta submontana</i>     |                                     | CR(PE)                        | 2006               | 1930s                          |
| <i>Enallagma maldivensis</i>        |                                     | CR(PE)                        | 2007               | 1902 or earlier                |
| <i>Eupropacris abbreviata</i>       | Kilosa Noble Grasshopper            | CR(PE)                        | 2013               | 1926                           |
| <i>Euschmidtia bidens</i>           | Mlingano Monkey Grasshopper         | CR(PE)                        | 2014               | 1953                           |
| <i>Euschmidtia burtti</i>           | Burt's Monkey Grasshopper           | CR(PE)                        | 2014               | 1954                           |
| <i>Euschmidtia dirshi</i>           | Dirsh's Monkey Grasshopper          | CR(PE)                        | 2014               | 1954                           |
| <i>Euschmidtia phippi</i>           | Phipps' Monkey Grasshopper          | CR(PE)                        | 2014               | 1952                           |
| <i>Euschmidtia viridifasciata</i>   | Dar-es-Salaam Monkey Grasshopper    | CR(PE)                        | 2014               | 1964                           |
| <i>Evergoderes cabrerai</i>         | Gran Canaria Bush-cricket           | CR(PE)                        | 2012               | 1960s                          |
| <i>Heliogomphus lyratus</i>         |                                     | CR(PE)                        | 2006               | 1940s                          |
| <i>Heliogomphus nietneri</i>        |                                     | CR(PE)                        | 2006               | 1880s                          |
| <i>Holocompsa pusilla</i>           |                                     | CR(PE)                        | 2007               | 1908                           |
| <i>Macromia flinti</i>              |                                     | CR(PE)                        | 2006               | 1970s                          |
| <i>Megachile cypricola</i>          |                                     | CR(PE)                        | 2014               | 1950                           |
| <i>Megalagrion molokaiense</i>      | Molokai Damselfly                   | CR(PE)                        | 2006               | 1940s                          |
| <i>Nomada siciliensis</i>           |                                     | CR(PE)                        | 2014               | 1885                           |
| <i>Orthetrum rubens</i>             | Elusive Skimmer                     | CR(PE)                        | 2011               | 1977                           |
| <i>Peringueyella zulu</i>           | Zulu Ambush Katydid                 | CR(PE)                        | 2014               | 1922                           |
| <i>Phalangacris alluaudi</i>        |                                     | CR(PE)                        | 2007               | 1909                           |
| <i>Pieris wollastoni</i>            | Madeiran Large White                | CR(PE)                        | 2009               | 1970s                          |
| <i>Procytettix fusiformis</i>       | Seychelles Shortwinged Groundhopper | CR(PE)                        | 2007               | 1909                           |
| <i>Sliferia similis</i>             |                                     | CR(PE)                        | 2007               | 1908                           |
| <i>Theganopteryx grisea</i>         |                                     | CR(PE)                        | 2007               | 1909                           |
| <i>Theganopteryx liturata</i>       |                                     | CR(PE)                        | 2007               | 1908                           |
| <i>Theganopteryx scotti</i>         |                                     | CR(PE)                        | 2007               | 1908                           |
| <i>Thoracistus peringueyi</i>       | Peringuey's Seedpod Shieldback      | CR(PE)                        | 2014               | 1879                           |

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|---|-----------------------------|-------------------------------|--------------------|--------------------------------|
| <b>CRUSTACEANS</b>                      |                             |                               |                    |                                |
| <i>Atya brachyrhinus</i>                |                             | CR(PE)                        | 2012               | 1972                           |
| <i>Cambarellus areolatus</i>            |                             | CR(PE)                        | 2010               | ?                              |
| <i>Cambarus veitchorum</i>              | White Spring Cave Crayfish  | CR(PE)                        | 2010               | 1968                           |
| <i>Caridina apodosis</i>                |                             | CR(PE)                        | 2011               | 1944                           |
| <i>Caridina yilong</i>                  |                             | CR(PE)                        | 2012               | 1983                           |
| <i>Cryphiops luscus</i>                 |                             | CR(PE)                        | 2012               | 1986                           |
| <i>Macrobrachium denticulatum</i>       |                             | CR(PE)                        | 2012               | 1995                           |
| <i>Macrobrachium oxyphilus</i>          |                             | CR(PE)                        | 2011               | before 2003                    |
| <i>Macrobrachium purpureamanus</i>      |                             | CR(PE)                        | 2012               | before 1998                    |
| <i>Macrobrachium scorteccii</i>         |                             | CR(PE)                        | 2012               | 1957                           |
| <i>Palaemonetes cummingi</i>            | Florida Cave Shrimp         | CR(PE)                        | 2012               | 1973                           |
| <i>Perbrinckia gabadagei</i>            |                             | CR(PE)                        | 2008               | 1996                           |
| <i>Procambarus delicatus</i>            | Big-cheeked Cave Crayfish   | CR(PE)                        | 2010               | 1976                           |
| <i>Procambarus paradoxus</i>            |                             | CR(PE)                        | 2010               | 1900s                          |
| <i>Sinodina acutipoda</i>               |                             | CR(PE)                        | 2012               | ?                              |
| <i>Strengeriana antioquensis</i>        |                             | CR(PE)                        | 2008               | ?                              |
| <i>Tehuana veracruzana</i>              |                             | CR(PE)                        | 2008               | ?                              |
| <b>CORALS</b>                           |                             |                               |                    |                                |
| <i>Rhizopsammia wellingtoni</i>         | Wellington's Solitary Coral | CR(PE)                        | 2007               | 2000                           |
| <i>Millepora boschmai</i>               |                             | CR(PE)                        | 2008               | early 1990s                    |
| <b>MOLLUSCS (Bivalves)</b>              |                             |                               |                    |                                |
| <i>Cuneopsis demangei</i>               |                             | CR(PE)                        | 2010               | 1929                           |
| <i>Dreissena caspia</i>                 |                             | CR(PE)                        | 2011               | 1980                           |
| <i>Epioblasma othcaloogensis</i>        | Southern Acron Riffle Shell | CR(PE)                        | 2012               | 1974                           |
| <i>Lamprotula crassa</i>                |                             | CR(PE)                        | 2010               | 1990s                          |
| <i>Lamprotula liedtkei</i>              |                             | CR(PE)                        | 2010               | ?                              |
| <i>Lamprotula nodulosa</i>              |                             | CR(PE)                        | 2010               | ?                              |
| <i>Obovaria haddletoni</i>              | Haddleton Lamppussel        | CR(PE)                        | 2012               | about 1970                     |
| <i>Pleurobema curtum</i>                | Black Clubshell             | CR(PE)                        | 2012               | 1990s                          |
| <b>MOLLUSCS (Gastropods)</b>            |                             |                               |                    |                                |
| <i>Aaadonta angaurana</i>               |                             | CR(PE)                        | 2011               | 1936                           |
| <i>Aaadonta kinlochi</i>                |                             | CR(PE)                        | 2011               | 2003 (dead)                    |
| <i>Aaadonta pelewana</i>                |                             | CR(PE)                        | 2011               | ?                              |
| <i>Alzoniella galaica</i>               |                             | CR(PE)                        | 2009               | ?                              |
| <i>Beddomeia tumida</i>                 |                             | CR(PE)                        | 2011               | before 1889                    |
| <i>Belgrandia moitessieri</i>           |                             | CR(PE)                        | 2009               | ?                              |
| <i>Belgrandia varica</i>                |                             | CR(PE)                        | 2009               | 1870                           |
| <i>Belgrandiella boetersi</i>           |                             | CR(PE)                        | 2010               | ?                              |
| <i>Belgrandiella cavernica</i>          |                             | CR(PE)                        | 2013               | 1957                           |
| <i>Belgrandiella kreisslorum</i>        |                             | CR(PE)                        | 2010               | 1981                           |
| <i>Belgrandiella multiformis</i>        |                             | CR(PE)                        | 2009               | ?                              |
| <i>Bulimulus achatellinus</i>           |                             | CR(PE)                        | 2003               | 1980s                          |
| <i>Bulimulus adelphus</i>               |                             | CR(PE)                        | 2003               | ?                              |
| <i>Bulimulus deridderi</i>              |                             | CR(PE)                        | 2003               | ?                              |
| <i>Bulimulus duncanus</i>               |                             | CR(PE)                        | 2003               | before 1893                    |
| <i>Bulimulus eos</i>                    |                             | CR(PE)                        | 2003               | ?                              |
| <i>Bulimulus lycodus</i>                |                             | CR(PE)                        | 2003               | ?                              |
| <i>Bulimulus saeronius</i>              |                             | CR(PE)                        | 2003               | ?                              |
| <i>Bulimulus sp. nov. 'josevillani'</i> |                             | CR(PE)                        | 2003               | ?                              |
| <i>Bulimulus sp. nov. 'krameri'</i>     |                             | CR(PE)                        | 2003               | ?                              |
| <i>Bulimulus sp. nov. 'nilsodhneri'</i> |                             | CR(PE)                        | 2003               | ?                              |
| <i>Bulimulus sp. nov. 'tuideroyi'</i>   |                             | CR(PE)                        | 2003               | ?                              |
| <i>Bulimulus sp. nov. 'vanmoli'</i>     |                             | CR(PE)                        | 2003               | ?                              |
| <i>Bulimulus tanneri</i>                |                             | CR(PE)                        | 2003               | ?                              |
| <i>Bythinella eutrepha</i>              |                             | CR(PE)                        | 2009               | ?                              |
| <i>Bythiospeum dubium</i>               |                             | CR(PE)                        | 2008               | ?                              |
| <i>Bythiospeum gonostoma</i>            |                             | CR(PE)                        | 2010               | ?                              |
| <i>Bythiospeum putei</i>                |                             | CR(PE)                        | 2010               | 1961                           |
| <i>Bythiospeum turritum</i>             |                             | CR(PE)                        | 2011               | ?                              |
| <i>Coneuplecta turrita</i>              |                             | CR(PE)                        | 2011               | 1936                           |
| <i>Conturbatia crenata</i>              |                             | CR(PE)                        | 2006               | 2000                           |
| <i>Delos gardineri</i>                  |                             | CR(PE)                        | 2011               | 1890s                          |
| <i>Dianella schlickumi</i>              |                             | CR(PE)                        | 2009               | 1980s                          |
| <i>Diplommatina alata</i>               |                             | CR(PE)                        | 2011               | 1936                           |
| <i>Diplommatina aurea</i>               |                             | CR(PE)                        | 2011               | 1936                           |
| <i>Diplommatina gibboni</i>             |                             | CR(PE)                        | 2011               | 1936                           |
| <i>Discula lyelliana</i>                |                             | CR(PE)                        | 2010               | 1870s                          |
| <i>Discula tetrica</i>                  |                             | CR(PE)                        | 2010               | 1960s                          |
| <i>Elimia troostiana</i>                |                             | CR(PE)                        | 2011               | 1980s                          |

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|-----------------------------------|------------------------|-------------------------------|--------------------|--------------------------------|
| <i>Endodonta apiculata</i>        |                        | CR(PE)                        | 2000               | 1930s                          |
| <i>Eua globosa</i>                |                        | CR(PE)                        | 2011               | 1970                           |
| <i>Falsipyrgula beysehirana</i>   |                        | CR(PE)                        | 2013               | 1990s                          |
| <i>Gabbiella matadina</i>         |                        | CR(PE)                        | 2008               | 1970s                          |
| <i>Geomitra delphinuloides</i>    |                        | CR(PE)                        | 2010               | 1870s                          |
| <i>Geomitra grabhami</i>          |                        | CR(PE)                        | 2010               | 1980s                          |
| <i>Graecoanatolica brevis</i>     |                        | CR(PE)                        | 2013               | before 1973                    |
| <i>Graecoanatolica conica</i>     |                        | CR(PE)                        | 2013               | 1973                           |
| <i>Hemicycla modesta</i>          |                        | CR(PE)                        | 2011               | ?                              |
| <i>Henrigirardia wienini</i>      |                        | CR(PE)                        | 2009               | before 2001                    |
| <i>Hydrobia anatolica</i>         |                        | CR(PE)                        | 2013               | before 1994                    |
| <i>Iglica gratulabunda</i>        |                        | CR(PE)                        | 2009               | 1992                           |
| <i>Islamia bendidis</i>           |                        | CR(PE)                        | 2010               | ?                              |
| <i>Islamia graeca</i>             |                        | CR(PE)                        | 2009               | before 2000                    |
| <i>Islamia hadei</i>              |                        | CR(PE)                        | 2009               | ?                              |
| <i>Islamia pseudorientalica</i>   |                        | CR(PE)                        | 2009               | before 1973                    |
| <i>Islamia zermanica</i>          |                        | CR(PE)                        | 2009               | ?                              |
| <i>Kirelia carinata</i>           |                        | CR(PE)                        | 2013               | 1970s                          |
| <i>Kubaryia pilikia</i>           |                        | CR(PE)                        | 2011               | 2003 (dead)                    |
| <i>Lauopa mbalavuana</i>          |                        | CR(PE)                        | 2011               | 1860s                          |
| <i>Leiostyla abbreviata</i>       |                        | CR(PE)                        | 2010               | 1870s                          |
| <i>Leiostyla cassida</i>          |                        | CR(PE)                        | 2010               | 1870s                          |
| <i>Leiostyla gibba</i>            |                        | CR(PE)                        | 2010               | 1878 (dead)                    |
| <i>Leiostyla simulator</i>        |                        | CR(PE)                        | 2010               | ?                              |
| <i>Madgeaconcha sevathiani</i>    |                        | CR(PE)                        | 2013               | before 2004                    |
| <i>Margarya yangtsunghaiensis</i> |                        | CR(PE)                        | 2008               | 1949                           |
| <i>Marstonia ozarkensis</i>       |                        | CR(PE)                        | 2012               | 1997                           |
| <i>Melanoides agglutinans</i>     |                        | CR(PE)                        | 2008               | 1941                           |
| <i>Melanopsis germaini</i>        |                        | CR(PE)                        | 2014               | 1955                           |
| <i>Melanopsis infracincta</i>     |                        | CR(PE)                        | 2014               | 1940s                          |
| <i>Melanopsis khabourensis</i>    |                        | CR(PE)                        | 2013               | 1939                           |
| <i>Melanopsis pachya</i>          |                        | CR(PE)                        | 2013               | 1930s                          |
| <i>Mercuria punica</i>            |                        | CR(PE)                        | 2007               | ?                              |
| <i>Monilearia pulverulenta</i>    |                        | CR(PE)                        | 2011               | ?                              |
| <i>Montserratina becasis</i>      |                        | CR(PE)                        | 2011               | 1890s                          |
| <i>Neritina tiassalensis</i>      |                        | CR(PE)                        | 2006               | before 1980s                   |
| <i>Ohridohauffenia minuta</i>     |                        | CR(PE)                        | 2009               | ?                              |
| <i>Omphalotropis ingens</i>       |                        | CR(PE)                        | 2011               | 1850s                          |
| <i>Opisthostoma decrespignyi</i>  |                        | CR(PE)                        | 2004               | before 1960s                   |
| <i>Opisthostoma otostoma</i>      |                        | CR(PE)                        | 2004               | before 1960s                   |
| <i>Paladilhopsis janinensis</i>   |                        | CR(PE)                        | 2009               | 1980s                          |
| <i>Palaina albata</i>             |                        | CR(PE)                        | 2011               | 1936                           |
| <i>Palaina patula</i>             |                        | CR(PE)                        | 2011               | 1936                           |
| <i>Palaina platycheilus</i>       |                        | CR(PE)                        | 2011               | 1936                           |
| <i>Palaina pupa</i>               |                        | CR(PE)                        | 2011               | 1936                           |
| <i>Partula guamensis</i>          |                        | CR(PE)                        | 2011               | 1936                           |
| <i>Partula leucothoe</i>          |                        | CR(PE)                        | 2011               | 1936                           |
| <i>Partula milleri</i>            |                        | CR(PE)                        | 2011               | 1950s                          |
| <i>Placostylus koroensis</i>      |                        | CR(PE)                        | 2011               | 1980                           |
| <i>Plectostoma charasense</i>     |                        | CR(PE)                        | 2014               | 2007                           |
| <i>Plectostoma dindingensis</i>   |                        | CR(PE)                        | 2014               | 1997                           |
| <i>Plectostoma turriforme</i>     |                        | CR(PE)                        | 2014               | 1997                           |
| <i>Potamopyrgus acus</i>          |                        | CR(PE)                        | 2011               | 1981                           |
| <i>Pseudogibbula cara</i>         |                        | CR(PE)                        | 2008               | 1920s                          |
| <i>Samoana cramptoni</i>          |                        | CR(PE)                        | 2011               | 1933                           |
| <i>Sardohoratia sulcata</i>       |                        | CR(PE)                        | 2009               | 1995                           |
| <i>Soapitia dageti</i>            |                        | CR(PE)                        | 2006               | before 1961                    |
| <i>Somatogyrus crassus</i>        | Stocky Pebblesnail     | CR(PE)                        | 2000               | ?                              |
| <i>Somatogyrus currierianus</i>   |                        | CR(PE)                        | 2000               | ?                              |
| <i>Somatogyrus hendersoni</i>     |                        | CR(PE)                        | 2000               | ?                              |
| <i>Somatogyrus humerosus</i>      |                        | CR(PE)                        | 2000               | ?                              |
| <i>Somatogyrus nanus</i>          |                        | CR(PE)                        | 2000               | ?                              |
| <i>Spiralix corsica</i>           |                        | CR(PE)                        | 2009               | 1990s                          |
| <i>Stagnicola utahensis</i>       | Thickshell Pondsnailed | CR(PE)                        | 2012               | 1934                           |
| <i>Succinea rotumana</i>          |                        | CR(PE)                        | 2011               | 1938                           |
| <i>Tanousia zrmanjae</i>          |                        | CR(PE)                        | 2009               | ?                              |
| <i>Tryonia brunei</i>             | Brune Spring Snail     | CR(PE)                        | 2012               | 1993                           |
| <i>Valvatorbis mauritii</i>       |                        | CR(PE)                        | 2008               | ?                              |
| <i>Zaunia sanctizaumi</i>         |                        | CR(PE)                        | 2009               | ?                              |
| <i>Zingis radiolata</i>           |                        | CR(PE)                        | 2004               | ?                              |
| <b>WORMS</b>                      |                        |                               |                    |                                |
| <i>Prosadenoporus agricola</i>    |                        | CR(PE)                        | 2013               | 1966                           |

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|--|------------------------|-------------------------------|--------------------|--------------------------------|
| <b>PLANTS</b>                              |                        |                               |                    |                                |
| <i>Aechmea cymosopaniculata</i>            |                        | CR(PE)                        | 2008               | 1856                           |
| <i>Aeschynomene ruspoliana</i>             |                        | CR(PE)                        | 2009               | 1893                           |
| <i>Aetheolaena hypoleuca</i>               |                        | CR(PE)                        | 2003               | 1851                           |
| <i>Aetheolaena ledifolia</i>               |                        | CR(PE)                        | 2003               | Early 19th century             |
| <i>Aetheolaena pichinchensis</i>           |                        | CR(PE)                        | 2003               | 1864                           |
| <i>Agelanthus rondensis</i>                |                        | CR(PE)                        | 2012               | 1903                           |
| <i>Alnus henryi</i>                        |                        | CR(PE)                        | 2014               | 1916                           |
| <i>Amsinckia marginata</i>                 |                        | CR(PE)                        | 2003               | Early 20th century             |
| <i>Andropogon benthamianus</i>             |                        | CR(PE)                        | 2004               | 1841-1843                      |
| <i>Anisopappus burundiensis</i>            |                        | CR(PE)                        | 2013               | 1967                           |
| <i>Aster quitensis</i>                     |                        | CR(PE)                        | 2003               | 1820s                          |
| <i>Baccharis fusca</i>                     |                        | CR(PE)                        | 2003               | 1850s                          |
| <i>Betula gynoterminalis</i>               |                        | CR(PE)                        | 2014               | 1956                           |
| <i>Blotiella coriacea</i>                  |                        | CR(PE)                        | 2013               | 1971                           |
| <i>Bulbophyllum zaratananae</i>            |                        | CR(PE)                        | 2008               | 1924                           |
| <i>Callerya neocaledonica</i>              |                        | CR(PE)                        | 2007               | 1992                           |
| <i>Canavalia veillonii</i>                 |                        | CR(PE)                        | 2007               | 1990                           |
| <i>Centropogon brachysiphoniatius</i>      |                        | CR(PE)                        | 2003               | Before 1935                    |
| <i>Cereus estevesii</i>                    |                        | CR(PEW)                       | 2010               | 2002                           |
| <i>Clitoria andrei</i>                     |                        | CR(PE)                        | 2004               | 1876                           |
| <i>Costus vinosus</i>                      |                        | CR(PEW)                       | 2014               | 2004                           |
| <i>Cotula myriophylloides</i>              |                        | CR(PE)                        | 2005               | 1971                           |
| <i>Ctenitis pallatangana</i>               |                        | CR(PE)                        | 2003               | Before 1883                    |
| <i>Cycas fugax</i>                         |                        | CR(PE)                        | 2009               | 2004                           |
| <i>Cynorkis usambarae</i>                  |                        | CR(PE)                        | 2013               | 1893                           |
| <i>Cyperus chionocephalus</i>              |                        | CR(PE)                        | 2009               | 1839                           |
| <i>Cyperus multifolius</i>                 |                        | CR(PE)                        | 2004               | Early 19th century             |
| <i>Dalea sabinalis</i>                     | Sabinal Prairie-clover | CR(PE)                        | 2010               | 1950-1960                      |
| <i>Delonix tomentosa</i>                   |                        | CR(PE)                        | 2011               | 1901                           |
| <i>Devillea flagelliformis</i>             |                        | CR(PE)                        | 2008               | 1840s                          |
| <i>Diaphanthe orientalis</i>               |                        | CR(PE)                        | 2013               | 1933                           |
| <i>Dicoma pretoriensis</i>                 |                        | CR(PE)                        | 2003               | 1925                           |
| <i>Diospyros katendei</i>                  |                        | CR(PE)                        | 2013               | ?                              |
| <i>Diplazium ulugurensense</i>             |                        | CR(PE)                        | 2013               | 1970                           |
| <i>Dipterocarpus grandiflorus</i>          |                        | CR(PE)                        | 1998               | ?                              |
| <i>Discocactus subterraneo-proliferans</i> |                        | CR(PEW)                       | 2010               | 1984                           |
| <i>Disperis egregia</i>                    |                        | CR(PE)                        | 2013               | 1944                           |
| <i>Dorstenia bicaudata</i>                 |                        | CR(PE)                        | 2012               | 1950                           |
| <i>Dyopsis brittiana</i>                   |                        | CR(PE)                        | 2010               | 2005                           |
| <i>Egletes humifusa</i>                    |                        | CR(PE)                        | 2003               | 1836                           |
| <i>Elaphandra retroflexa</i>               |                        | CR(PE)                        | 2003               | 1920s                          |
| <i>Elaphoglossum gracilipes</i>            |                        | CR(PE)                        | 2003               | Before 1853                    |
| <i>Elaphoglossum polytrichum</i>           |                        | CR(PE)                        | 2003               | 19th century                   |
| <i>Eleocharis leptota</i>                  |                        | CR(PE)                        | 2008               | 1897                           |
| <i>Encephalartos cerinus</i>               | Waxen Cycad            | CR(PE)                        | 2009               | Before 2000                    |
| <i>Encephalartos hirsutus</i>              | Venda Cycad            | CR(PE)                        | 2009               | 2004                           |
| <i>Encephalartos inopinus</i>              | Lydenburg Cycad        | CR(PE)                        | 2009               | 2004                           |
| <i>Eugenia albida</i>                      |                        | CR(PE)                        | 2004               | Early 19th century             |
| <i>Eugenia guayaquilensis</i>              |                        | CR(PE)                        | 2004               | Before 1823                    |
| <i>Eugenia scheffleri</i>                  |                        | CR(PE)                        | 2012               | 1900                           |
| <i>Euphorbia alcornonis</i>                |                        | CR(PE)                        | 2004               | 1880                           |
| <i>Euphorbia boinensis</i>                 |                        | CR(PE)                        | 2004               | 1920                           |
| <i>Euphorbia neospinescens</i>             |                        | CR(PE)                        | 2013               | 1942                           |
| <i>Euphorbia pirahazo</i>                  |                        | CR(PE)                        | 2004               | ?                              |
| <i>Galaxaura barbata</i>                   |                        | CR(PE)                        | 2007               | 1963                           |
| <i>Guatteria microcarpa</i>                |                        | CR(PE)                        | 2003               | 1778-1788                      |
| <i>Guatteria sodiroi</i>                   |                        | CR(PE)                        | 2003               | ?                              |
| <i>Guzmania lepidota</i>                   |                        | CR(PE)                        | 2003               | 1876                           |
| <i>Guzmania poortmanii</i>                 |                        | CR(PE)                        | 2003               | 1889                           |
| <i>Guzmania striata</i>                    |                        | CR(PE)                        | 2003               | 1956                           |
| <i>Isoetes heldreichii</i>                 |                        | CR(PE)                        | 2010               | 1885                           |
| <i>Isoetes sinensis</i>                    |                        | CR(PE)                        | 2004               | ?                              |
| <i>Kunkeliella psilotoclada</i>            |                        | CR(PE)                        | 2011               | 1983                           |
| <i>Lijndenia brenanii</i>                  |                        | CR(PE)                        | 2013               | 1961                           |
| <i>Magnolia wolfii</i>                     |                        | CR(PEW)                       | 2007               | 2006                           |
| <i>Manettia canescens</i>                  |                        | CR(PE)                        | 2004               | 19th century                   |
| <i>Manettia holwayi</i>                    |                        | CR(PE)                        | 2004               | 1920                           |
| <i>Matelea ecuadorensis</i>                |                        | CR(PE)                        | 2003               | 19th century                   |
| <i>Maytenus manabiensis</i>                |                        | CR(PE)                        | 2003               | 19th century                   |
| <i>Melpomene brevipes</i>                  |                        | CR(PE)                        | 2003               | 19th century                   |
| <i>Miconia longisetosa</i>                 |                        | CR(PE)                        | 2004               | 1886                           |
| <i>Miconia scabra</i>                      |                        | CR(PE)                        | 2004               | 1876                           |



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|----------------------------------|----------------------|-------------------------------|--------------------|--------------------------------|
| <i>Mikania iserniana</i>         |                      | CR(PE)                        | 2003               | 1864                           |
| <i>Mikania seemannii</i>         |                      | CR(PE)                        | 2003               | 1845-1852                      |
| <i>Mimosa kitrokala</i>          |                      | CR(PE)                        | 2009               | 1947                           |
| <i>Panicum pearsonii</i>         |                      | CR(PE)                        | 2009               | 1913                           |
| <i>Pentagonia orthoneura</i>     |                      | CR(PE)                        | 2004               | 1860s                          |
| <i>Peperomia dauleana</i>        |                      | CR(PE)                        | 2004               | 19th century                   |
| <i>Peperomia petraea</i>         |                      | CR(PE)                        | 2004               | 19th century                   |
| <i>Philodendron balaoanum</i>    |                      | CR(PE)                        | 2003               | 1891                           |
| <i>Phycodrina elegans</i>        |                      | CR(PE)                        | 2007               | 1977                           |
| <i>Piper molliusculum</i>        |                      | CR(PE)                        | 2004               | ?                              |
| <i>Plectranthus scopulicola</i>  |                      | CR(PE)                        | 2012               | 1953                           |
| <i>Podocarpus perrieri</i>       |                      | CR(PE)                        | 2011               | 1951                           |
| <i>Polygala quitensis</i>        |                      | CR(PE)                        | 2004               | Before 1854                    |
| <i>Polystachya acuminata</i>     |                      | CR(PE)                        | 2013               | 1943                           |
| <i>Polystachya canaliculata</i>  |                      | CR(PE)                        | 2013               | 1943-1962                      |
| <i>Polystachya porphyrochila</i> |                      | CR(PE)                        | 2013               | 1970-1982                      |
| <i>Polystachya rugosilabia</i>   |                      | CR(PE)                        | 2013               | 1942                           |
| <i>Prestonia schumanniana</i>    |                      | CR(PE)                        | 2003               | 1892                           |
| <i>Senecio navugabensis</i>      |                      | CR(PE)                        | 2013               | 1935                           |
| <i>Shorea dispar</i>             |                      | CR(PE)                        | 1998               | ?                              |
| <i>Siphocampylus loxensis</i>    |                      | CR(PE)                        | 2003               | ?                              |
| <i>Solanum semicoalitum</i>      |                      | CR(PE)                        | 2004               | 1864                           |
| <i>Steriphoma urbani</i>         |                      | CR(PE)                        | 2003               | 1980s                          |
| <i>Tournefortia obtusiflora</i>  |                      | CR(PE)                        | 2003               | 19th century                   |
| <i>Triaspis schliebenii</i>      |                      | CR(PE)                        | 2012               | 1935                           |
| <i>Tridactyle sarcodantha</i>    |                      | CR(PE)                        | 2013               | 1933                           |
| <i>Uvaria decidua</i>            |                      | CR(PE)                        | 2008               | 1935                           |
| <i>Vatica xishuangbannaensis</i> |                      | CR(PE)                        | 1998               | ?                              |
| <i>Viburnum divaricatum</i>      |                      | CR(PE)                        | 2003               | Before 1844                    |
| <b>PROTISTS</b>                  |                      |                               |                    |                                |
| <i>Bifurcaria galapagensis</i>   | Galápagos Stringweed | CR(PE)                        | 2007               | 1983                           |
| <i>Desmarestia tropica</i>       | Tropical Acidweed    | CR(PE)                        | 2007               | 1972                           |
| <i>Dictyota galapagensis</i>     |                      | CR(PE)                        | 2007               | 1974                           |
| <i>Spatoglossum schmittii</i>    |                      | CR(PE)                        | 2007               | 1978                           |