

1988 IUCN Red List of Threatened Animals



The IUCN Conservation Monitoring Centre



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**1988 IUCN RED LIST
OF THREATENED ANIMALS**

IUCN

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Founded in 1948, IUCN has nearly 600 members representing 116 countries. Its six Commissions comprise a global network of experts on threatened species, protected areas, ecology, environmental planning, environmental law, and environmental education. Its thematic programmes include tropical forests, wetlands, marine ecosystems, plants, oceanic islands, the Sahel, Antarctica, and population and sustainable development.

THE IUCN CONSERVATION MONITORING CENTRE

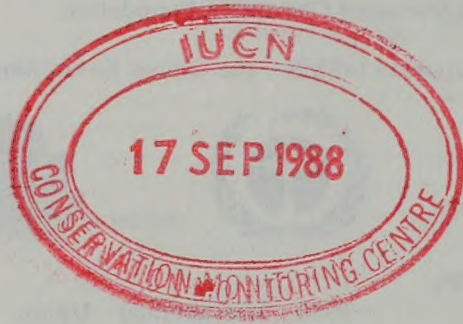
The Conservation Monitoring Centre (CMC) is the division of IUCN that provides an information service to the Union, its members, and the conservation and development communities. CMC has developed an integrated and cross-referenced global database on animals, plants and habitats of conservation concern, on protected areas throughout the world, and on the international trade in wildlife species and products. CMC produces a wide variety of specialist outputs and reports based on the analysis of this data, including such major publications as the Red Data Books and Protected Areas Directories, which are now recognised as the authoritative reference works in their field.

Other IUCN Centres focus on Environmental Law, and Conservation for Development. Collectively, this information and expertise is used to assist IUCN and its members to develop conservation policy and implement programmes, and to promote a greater awareness of the need for sound conservation practice by the international development community.

Should you wish to consult these services please contact:

IUCN Secretariat, World Conservation Centre
Avenue du Mont-Blanc, CH-1196 Gland, Switzerland

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OF THREATENED ANIMALS**



Prepared by

**The IUCN Conservation Monitoring Centre
Cambridge U.K.**

**In association with the
International Council for Bird Preservation**

**With the support of the
David Shepherd Charitable Foundation**

Guest Essay by

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Stanford University, California**

**International Union for Conservation of Nature
and Natural Resources**

1988

Published by IUCN, Gland, Switzerland, and Cambridge, U.K.

Prepared with financial support from the World Wide Fund for Nature and the United Nations Environment Programme, and published with a grant from The David Shepherd Charitable Foundation.

A contribution to GEMS - the Global Environment Monitoring System.



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ISBN: 2-88032-935-3

Printed by: Unwin Brothers, The Gresham Press, Old Woking, Surrey

Cover picture: Black Rhinos by David Shepherd kindly donated by the David Shepherd Charitable Foundation.

Available from: IUCN Publications Services,
219c Huntingdon Road, Cambridge, CB3 0DL, U.K.
or Avenue du Mont-Blanc, CH-1196 Gland, Switzerland

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PREAMBLE

The activities of the Species Survival Commission (SSC) and the Conservation Monitoring Centre (CMC) can be judged by their success in terms of species saved from extinction.

As we all know, there are many success stories that we can point to, but the sad reality is that we are still losing species every day as the relentless pressure from humankind continues.

If we do not develop a successful model in which population is stabilised we are all working in vain. Sustainable natural resources are limited, a message that we must ensure is fully understood.

Once one realises that between the covers of this deceptively slim volume we only have listed those species where we know the actual situation in the "wild", can one understand the possible stress and potential threat the majority of unlisted species - because of our lack of knowledge - are subjected to.

The aims for both the Species Survival Commission and the Conservation Monitoring Centre must be to obtain action for these listed species, which is where the forthcoming SSC Action Plans play their role and, equally vitally, to ensure the steady build up and maintenance of the database for all the "conservationally" unknown species which we need to include in our concerns.

It is good to see this new 1988 edition of the IUCN Red List of Threatened Animals, and to thank the David Shepherd Charitable Foundation for their financial support in ensuring its publication. The hard work of all the CMC team carried out quietly and often under great financial stringency is again well rewarded in the quality of the publication.

Gren Ll. Lucas

Chairman,
IUCN Species Survival Commission

7 December 1987

INTRODUCTION

The IUCN Red List of Threatened Animals is an index of those animal species known to IUCN to be threatened with extinction. It complements the IUCN Red Data Book series, which contains detailed information on the status of species and of the measures needed to conserve them. Such information provides the essential first step in the development of action plans to conserve species, and in the development of priorities for scarce conservation funds. It also provides an information source for scientists, educationalists, zoos, the media and the general public, and is an important tool for the implementation of international wildlife treaties such as the Convention on International Trade in Endangered Species of Wild Flora and Fauna (CITES), the Bonn Migratory Species Convention, and the Convention on the Conservation of European Wildlife and Natural Habitats.

Conservation data held on individual species can be analysed to determine sites of special conservation concern, to determine the percentage of species known to occur in protected areas and those for which habitat protection is still non-existent, and those requiring legal protection. Such analyses in turn stimulate conservation activities, the results of which are then fed back into the data system to determine new conservation priorities. The IUCN Conservation Monitoring Centre in collaboration with IUCN's Species Survival Commission and the International Council for Bird Preservation (ICBP) are maintaining and developing this important data base on the status of the world's species as an essential component of their conservation programmes.

IUCN's threatened species list is compiled and maintained by the IUCN Conservation Monitoring Centre with assistance from the International Council for Bird Preservation. It is published periodically. For each threatened taxon, the list provides the scientific name, English vernacular name (where known), IUCN category (for definitions see page xvii), and a brief description of the animal's distribution. This is followed by an index to the list based on the order, family and generic listing. Vernacular names for major groupings such as monkeys, parrots, and butterflies are also included.

Data upon which the listings are made are gathered from literature searches and from correspondence with specialists around the world, including those belonging to the Specialist Groups of IUCN's Species Survival Commission and the International Council for Bird Preservation. The majority of vertebrate listings are based on the IUCN Red Data Books and recommendations and documentation provided by IUCN and ICBP. For invertebrates, however, it must be stressed that the list is only provisional, since most species have not yet been subjected to the same review process as has been carried out for the vertebrate groups, apart from those listed in the IUCN Invertebrate Red Data Book and the Swallowtail Butterfly Red Data Book. Other invertebrate listings have been taken from correspondence and a number of published sources (noted on page xv).

The number of threatened animal taxa identified by IUCN is 4589, comprised of 555 mammals, 1073 birds, 186 reptiles, 54 amphibians, 596 fishes, and 2125 invertebrates. However, except for birds, for which ICBP/IUCN have now attempted a global review, these numbers represent only those taxa whose threatened status is known to IUCN; many, many more taxa, particularly invertebrates, are threatened, and becoming extinct every year undescribed and unknown to the scientific and conservation communities. Thus the number of threatened taxa identified by IUCN represents only the visible fraction of a much greater problem. The magnitude of this problem is discussed in detail by Bruce Wilcox in the "Guest Essay" included in this volume (page v).

The IUCN threatened species list is constantly under review; as new areas or taxonomic groups are surveyed, species may be listed or delisted or categories may change, for example, the status of sea turtle species is currently under review. Since it is not possible for all parts of the list to be reviewed simultaneously it is inevitable that some parts of the list are more up-to-date than others.

The need for new information is continuous and assistance in providing accurate data always welcome. An inventory report form is detailed on page xi and is a guide to the information required by IUCN and ICBP to assess the international conservation status of a species.

The present list undoubtedly includes a number of errors and omissions, but it is to be hoped that these will stimulate people to send new information to:

The Species Conservation Monitoring Unit
IUCN Conservation Monitoring Centre
219c Huntingdon Road
Cambridge CB3 0DL
United Kingdom

GUEST ESSAY

TROPICAL DEFORESTATION AND EXTINCTION

Bruce A. Wilcox

We are entering a period of Earth's history when the global environment is changing on a scale and with an intensity that has occurred only a few times during the nearly four billion-year span of the existence of life on Earth. In the past, such changes were brought about by, for example, gradual tectonic movements in which entire continents repeatedly divided and coalesced, effecting global geographical and climatic conditions. Such changes are credited with the mass extinction of the world's shallow water marine organisms at the end of the Permian. Environmental changes also on a similar scale, but more abrupt, may have been precipitated by the impact of asteroids. One such event, producing a natural "nuclear winter," is postulated to have caused the extinction of the dinosaurs along with many lesser known organisms at the end of the Cretaceous. The present period of change, however, which will undoubtedly warrant its own geological epithet by future geologists, is being brought about neither by uncontrollable nor distant terrestrial or extraterrestrial forces, but by us.

This change is the result of the cumulative effects of over five billion human beings making a living on a planet of finite size and resources. As a consequence, particularly after a few hundred thousand years of cultural and technological advances, virtually all other forms of life are either being killed outright, slowly poisoned, or are being squeezed into smaller and smaller corners of the world - "protected areas" that are either purposely set aside, economically undesirable, inaccessible, or some combination of these.

To just grasp the dimensions of the environmental events that are unfolding, and their potential consequences, is perhaps well beyond our capacity. Yet at least some attempt to comprehend the causes and consequences is imperative if we are to avoid leaving a legacy of biotic annihilation that will outlast our own species.

But how does one measure and assess the long-term impacts of such changes as those apparently occurring on the level of global atmospheric fluxes of carbon dioxide and ozone? What about the "megaharvesting" of whales or of their resource base, krill, in the world's oceans, and the impact on the world's marine ecosystems? And, how about the capacity of both the marine and terrestrial ecosystems to absorb toxic wastes of every possible description? Finally, what about the wholesale destruction of entire ecosystems such as tropical forests and the impact on the vast number of species they support?

By all indications, each of these changes will seriously impact Earth's biota, and some may even precipitate another episode of mass extinction. The effects of one of them, destruction of the world's tropical forests, specifically has been so implicated. As their destruction is so obviously apparent and their richness so great, the consequences, as measured by the loss of thousands or millions of species in the foreseeable future is at least potentially comprehensible. A detailed look at tropical moist forests, their rate of destruction and disturbance, and how this may contribute to the global rate of endangerment and extinction, gives at least one measure of the magnitude of the current global environmental change taking place.

Broadly speaking, tropical forests include all forest formations in the tropical regions of the world, some of which are ecologically and structurally temperate. Excepting these, forests of the warm and at least seasonally humid environments still comprise an extremely heterogeneous group, including both dry and moist forests. The latter ranges from seasonally wet "monsoon forest" to true, more or less continuously wet "rain forest," which together constitute "tropical moist forest." Even these designations are insufficient and often generate confusion, some of which can be avoided by limiting general discussion of the statistics of forest disturbance to "closed broadleaved tropical forest" as designated by FAO. These, include all but a few percent of the total tropical moist cover in the world. The extent, rates, and kinds of disturbance of tropical forests have been most recently examined in detail by FAO (Lanly 1982).

On the IUCN Biogeographic Provinces map developed by Udvardy (1975) tropical moist forest (TMF) generally relates to those provinces labelled "tropical rain forest" and "tropical monsoon forest" as well as many of those labelled "tropical mixed island systems" and "tropical montane provinces with complex zonation." In theory, these once may have covered about 1600 million hectares, an amount thought to have existed prior to their extensive alteration by humans. By the mid-1970's TMF is estimated to have been reduced to approximately 1000 million hectares of intact ("primary") forest. About 400 million hectares had been "transformed" in roughly equal amounts to logged forest or shifting cultivation, and the remainder entirely lost (permanently cleared) for agriculture, grazing lands, various kinds of plantations, and other land uses.

The distinction between primary forest, disturbed forest (logged or that in shifting cultivation), and permanently cleared is critical to assessing the long-term consequences of deforestation or disturbance for two reasons. First, disturbance will not necessarily result in extinction, particularly if it is light and primary forest remains nearby. Second, given enough time, disturbed forest can regenerate and become primary forest. Unfortunately, at the present time not only is primary forest being permanently cleared, but a large fraction of that which is initially disturbed temporarily for logging or shifting cultivation is subsequently being permanently cleared. In addition, a significant fraction of the forest in the shifting cultivation cycle is effectively cleared permanently due to shortening the fallow period and exhaustion of the soil.

Key to projecting disturbance and loss of forest into the future, and in turn, endangerment and extinction of species, are estimates of the rates of transition from one category to the next. We must know, for example, the amount of primary forest transformed annually to logged forest, the amount of logged forest permanently cleared, etc. Thus, the total rate of loss or disturbance of forest and the amount in each category is computed by adding the rates of these different pathways. Rough estimates of these transition rates are provided by the FAO, filling in some of the gaps with figures reported in a study by the U. S. National Academy of Sciences (Myers 1980). Although in theory the pathways are bidirectional, increases in forest cover which counter the global trend of TMF destruction can be disregarded. The amount of increase due to regeneration or reforestation is insignificant compared to the current rates of disturbance and clearing.

The estimated worldwide rate of disturbance of primary forest and the rate of clearance of previously disturbed forest are both just under one percent annually. This does not include forest which is permanently lost directly from clearing of primary forest, or that left permanently unproductive due to over-cultivation of forest in shifting cultivation, fuelwood gathering, and numerous other factors affecting already disturbed forest that are difficult to monitor. The actual rate of permanent clearing is probably a little over one percent and combining disturbance and clearing, could be over two percent annually. This means that all TMF potentially could be disturbed or cleared in 50 years.

In fact, conservative estimates of the absolute annual amounts of forest conversion for the period from 1976 to 1980, for example, indicate that of the approximately 1200 million hectares of forest standing (primary or logged) in 1976, a minimum of 200 million hectares will have been cleared, and another 200 million will have been disturbed, by the turn of the century. This does not take into consideration the probable linkage of these rates to population growth, which is projected to continue in the tropical developing countries well into the middle of the next century. Thus, easily one-third of the forest remaining at the beginning of the last quarter of this century will have been disturbed or destroyed by the end of the century - just 12 years from now. Attempting predictions of global TMF losses beyond this is highly problematic and is quite academic at this point.

Deforestation is not of course equally distributed throughout the tropics. A number of areas are being disturbed so rapidly that virtually no undisturbed forest will remain outside the relatively few protected areas within the next few years. These so-called "hotspots" of deforestation include the moist forests of the Brazilian Atlantic coast, Columbian and Ecuadorian coasts, and those of Mexico, Central America, Australia, Indonesia, Indochina, Sri Lanka, Philippines, East and West Africa, and Madagascar.

Most of these forests will be completely disturbed in less than thirty years, and some, particularly in Central America and West Africa, are already virtually gone. The only significant blocks of relatively undisturbed forest that will be left by the middle of the next century will be in the Amazon and Zaire Basins and in northern South America (Guyana and Surinam).

Certainly, an assault of this magnitude will have profound consequences to the global pool of species, not to mention the effects on Earth's atmosphere and climate. There have been several attempts to estimate the rate of species extinction resulting from tropical deforestation. Because of the crudeness of such estimates, resulting not from ineptness but our ignorance of certain factors, these have met with everything from skepticism to outright hostility. In an attempt to produce at least a reasonably defensible assessment of the severity of the problem, several colleagues and I have been examining the approaches to making such estimates. Our goal is to at least identify the major impediments to obtaining a better assessment of the situation, if not to at least produce estimates to which levels of confidence can be attached.

The first serious impediment to estimating rates of species extinction is not knowing how many species there are in either tropical forests, or in the world as a whole. To begin with, something over 1.7 million species have been scientifically described. About 1.5 million of these are from the temperate regions, immediately suggesting that the tropics are extremely under represented due to the relative paucity of tropical collections and taxonomists working on them. We can guess at how under represented they are by looking at those groups that are relatively well studied in both regions, such as birds, mammals, and plants. In these taxa, about twice as many species occur in the tropics than temperate regions. Assuming that this ratio is constant among all taxa, there must be at least 3 million species in the tropics alone. The consensus among systematists therefore is that there are at least 3 to 5 million species in the world. Add to this, however, the consideration that perhaps only half of the species that exist in the temperate and marine habitats have been discovered and described, and the number could be closer to 10 million.

It is doubtful, however, that the 2 to 1 ratio holds for all taxa. Invertebrates in particular, which constitute more than 95% of all described species, are generally thought to be especially rich in tropical forests. Butterflies, for example, the only major insect taxa that can be considered sufficiently well known to allow a tropical-temperate comparison suggest the ratio might be closer to 10 to 1. Thus, could there be 30 million species in the tropics? This is in fact the precise number recently estimated for insects alone in tropical moist forests based on studies of the canopy insect faunas in the Neotropics (Erwin 1982). This upward revision of the number of species in the world by ten-fold certainly is unsettling and further illustrates the difficulty in estimating global extinction rates.

There are at least two additional major problems in translating projected rates of forest disturbance and clearing into rates of endangerment and extinction. The first is figuring out what proportion of the tropical forest biota is unaffected by disturbance versus that which is affected. The second is relating the amount of forest affected by disturbance or clearing to species endangerment or extinction. These are both extremely complex problems that cannot be merely waved away. They represent perhaps the most significant technical challenges to protecting tropical diversity.

I shall not attempt to address the first problem except very briefly. The few existing studies relevant to the topic indicate that the effects of disturbance can range from virtually none to massive local reductions in species richness. For example, careful selective logging can leave the species composition of forest completely intact. On the other hand, intensive shifting cultivation, in which no primary forest remains in the vicinity, may literally decimate the biota of a forest.

The second problem is solved in theory by employing the "species-area relationship." This model, which is the mainstay of island biogeography, is best described for insular systems by "Darlington's rule" which states that reduction in the size of an area by a factor of ten, reduces the number of species by two. Applying the estimates of the amount of forest remaining by the year 2000, whether primary or disturbed, to this model (in its algebraic form) suggests that six or seven percent of all TMF species in the world are at risk and about three or four percent will be extinguished outright. Adding disturbance might contribute a few more percent to these categories.

As with all ecological models, which of course are always mere abstractions of nature, application of the species-area relationship entails certain critical assumptions. In this case the critical assumption is that species richness or habitat loss, or both, are evenly distributed geographically. In fact, the tendency for smaller areas to support fewer species is only a general one; some areas are extremely rich while others are impoverished despite their size. The validity of the above prediction thus assumes that on average both rich as well as impoverished forests are cleared indiscriminately.

A way around this assumption, and in fact, avoiding the species-area model altogether, is simply to focus on biota within definable areas certain to be completely cleared or disturbed by a particular date. My colleagues and I have done this by effectively superimposing the distributions of bird and mammal species on areas within those "hotspots" listed above to determine which species' ranges are entirely encompassed. We went a step further and eliminated all but those species endemic to the region. The result indicates that about nine percent of the world's birds and mammals are at high risk. We cannot say what proportion will disappear because of the lack of more detailed data on the amount of forest remaining in different disturbed states, and what fraction of the avian and mammalian faunas are affected by each state. While certainly only a fraction of the nine percent will go extinct, this estimate is only for a limited area of the total TMF.

We can attempt yet one more approach to estimating global TMF endangerment and extinction, which can serve as an independent check. Raven (personal communication) estimates that about 120,000 species of flowering plants, out of a world total of 250,000, occur in TMF regions that are certain to be either entirely cleared or disturbed in the next thirty years -- essentially most of the same forest areas listed above. In fact, at least a third of these species occur in the forests of only three countries: Columbia, Ecuador, and Peru. Gentry (1986) reports the recent clearing of a single ridge top in western Ecuador that resulted in the disappearance of as many as ninety plant species known only from that location -- an event that is occurring repeatedly.

Raven further suggests that flowering plants constitute about 1 in 10 to 1 in 20 of all species, assuming there are 5 to 10 million. So if one also considers that regions of highest plant diversity tend also to reflect the highest species diversity in general, on the order of 2.4 to 4.8 million species occur in these areas. If one further assumes that all but ten percent of the forest area remains reasonably undisturbed, then, following Darlington's rule, and acknowledging the critical assumptions we are making in applying the species-area model, half of these species will ultimately go extinct. Refining the calculation to consider the fraction of species that are on average immediately affected, roughly 30% will disappear during this time, which amounts to three-quarters of a million species, or 15% to 30% of all species.

Taken together, the three different approaches for predicting rates of global TMF extinction indicate that at least several hundred vertebrates, hundreds of thousands of plants, and over a million species of insects are endangered and will go extinct within the next three to five decades.

The argument is frequently made that extinction is natural and, as Darwin pointed out, unless the numbers go on increasing indefinitely, we must assume that extinction occurs at a rate matching that of the appearance of new species. Darwin's point was of course with reference to evolutionary time. Fossil evidence in fact confirms that 99% of the species that ever existed are now extinct. Our venue is that of the span of an individual human lifetime, since in fact, the extinctions just described will take place while most of us are still living.

Even the previous mass extinction episodes were spread out over a much longer time period, at least millenniums, but upwards of millions of years. Actually, the present onslaught may well have begun with the mass extinction of Pleistocene mammals followed by a second prehistoric wave of human-caused extinctions occurring on many of the world's islands.

Today, islands remain the historic centers of endangerment and extinction, where, for example over 90% of the recorded avian extinctions have occurred. Until the present, however, the recorded extinction rate for higher vertebrates has been kept at a respectable 151 species over the past 400 years. This compares to a background rate, based on fossil evidence, of about one species every 50 to 100 years. When the tropical moist forest tallies start coming in, the documented extinctions will undoubtedly take another order of magnitude jump over the historic rate. Tragically, however, for every species listed as endangered or extinct at least a hundred more will probably disappear unrecorded.

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INVENTORY REPORT FORM

Report to be mailed to:
SCMU, IUCN Conservation Monitoring Centre
219(c) Huntingdon Rd, Cambridge, CB3 0DL, U.K.

1. Country

2. Date

3. Reporter

Name:

Address:

4. Taxon

Scientific Name:

Common Name:

5. Distribution

Present:

Former:

If possible, please include a map. Is present range preferred or enforced habitat?

6. Population

Estimated numbers in the wild. Indicate date of estimate and describe method of estimation. Are numbers increasing, decreasing or stable?

7. Habitat and Ecology

Biome type. Elevation range. Brief notes about social structure, feeding habits and diet, reproduction (gestation, breeding season, number of young, age of sexual maturation), longevity etc.

8. Scientific interest and potential value

Use in scientific or medical research; commercial value in trade or local economy.

9. Threats to Survival

Eg. habitat destruction, over-exploitation, hybridization, natural disasters, competition for food.

10. Conservation Measures Taken

Legal measures (international conventions, national laws); is law enforced? Protected areas - does it occur in national parks, reserves etc.? If so, please list. Management programmes or research programmes in progress.

11. Conservation Measures Proposed

Same as for 10, but measures that are needed for the conservation of the taxon.

12. Captive Breeding

Numbers in captivity. Does it breed readily in captivity? Where and when?

13. Remarks

Reference citations for description of animal. Comments about related taxa. If the above information concerns a subspecies then brief information should be given about the distribution and status of the species as a whole. Special acknowledgements etc.

14. References

Can be published papers, unpublished manuscripts, or references to correspondence (cited as *In litt.*).

DOCUMENTS ON WHICH THE IUCN RED LIST IS BASED

In addition, recommendations and documentation for listings have been provided by the IUCN/SSC Specialist Groups, and by ICBP.

The asterisk indicates books currently available from IUCN.

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TAXONOMY

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IUCN THREATENED SPECIES CATEGORIES

Species identified as threatened by IUCN are assigned a category indicating the degree of threat. Definitions are as follows:

EXTINCT (Ex)

Species not definitely located in the wild during the past 50 years (criterion as used by the Convention on International Trade in Endangered Species of Wild Fauna and Flora).

N.B. On a few occasions, the category Ex? has been assigned; this denotes that it is virtually certain that the taxon has recently become extinct.

ENDANGERED (E)

Taxa in danger of extinction and whose survival is unlikely if the causal factors continue operating.

Included are taxa whose numbers have been reduced to a critical level or whose habitats have been so drastically reduced that they are deemed to be in immediate danger of extinction. Also included are taxa that may be extinct but have definitely been seen in the wild in the past 50 years.

VULNERABLE (V)

Taxa believed likely to move into the 'Endangered' category in the near future if the causal factors continue operating.

Included are taxa of which most or all the populations are decreasing because of over-exploitation, extensive destruction of habitat or other environmental disturbance; taxa with populations that have been seriously depleted and whose ultimate security has not yet been assured; and taxa with populations that are still abundant but are under threat from severe adverse factors throughout their range.

N.B. In practice, 'Endangered' and 'Vulnerable' categories may include, temporarily, taxa whose populations are beginning to recover as a result of remedial action, but whose recovery is insufficient to justify their transfer to another category.

RARE (R)

Taxa with small world populations that are not at present 'Endangered' or 'Vulnerable', but are at risk.

These taxa are usually localised within restricted geographical areas or habitats or are thinly scattered over a more extensive range.

INDETERMINATE (I)

Taxa *known* to be 'Endangered', 'Vulnerable' or 'Rare' but where there is not enough information to say which of the three categories is appropriate.

INSUFFICIENTLY KNOWN (K)

Taxa that are *suspected* but not definitely known to belong to any of the above categories, because of lack of information.

K* Taxa which are currently under review by ICBP and which are likely to be designated a category in the near future.

THREATENED (T)

Threatened is a general term to denote species which are 'Endangered', 'Vulnerable', 'Rare', 'Indeterminate', or 'Insufficiently Known' and should not be confused with the use of the same term by the U.S. Office of Endangered Species. In this volume it is used to identify taxa comprised of several sub-taxa which have differing status categories.

COMMERCIALLY THREATENED (CT)

Taxa not currently threatened with extinction, but most or all of whose populations are threatened as a sustainable commercial resource, or will become so, unless their exploitation is regulated.

This category applies only to taxa whose populations are assumed to be relatively large.

N.B. In practise, this category has only been used for marine species of commercial importance that are being overfished in several parts of their ranges.

ABBREVIATIONS

Arch.	Archipelago
Eq. Guinea	Equatorial Guinea
F.R.G.	Federal Republic of Germany
I.	Island
Is	Islands
O.	Ocean
sp.	Unnamed species
U.A.E.	United Arab Emirates
U.K.	United Kingdom
U.S.A.	United States of America
U.S.S.R.	Union of Soviet Socialist Republics
[]	Former Distribution
*	An important, introduced population

**1988 IUCN RED LIST
OF THREATENED ANIMALS**

MAMMALS

Phylum CHORDATA

Class MAMMALIA

Order MONOTREMATA

Family Tachyglossidae

Zaglossus bruijnii

Long-beaked Echidna

V New Guinea

Order MARSUPIALIA

Family Macropodidae

Bettongia lesueur

Burrowing Bettong

R Australia

Bettongia penicillata

Brush-tailed Bettong

E Australia

Caloprymnus campestris

Desert Rat-kangaroo

I Australia

Dendrolagus dorianus notatus

Doria's Tree-kangaroo

V New Guinea

Dendrolagus goodfellowi shawmayeri

Goodfellow's Tree-kangaroo

V Papua New Guinea

Dorcopsis airata

Black Dorcopsis Wallaby

R Papua New Guinea

Dorcopsulus macleayi

Papuan Dorcopsis

R Papua New Guinea

Lagorchestes asomatus

Central Hare-wallaby

Ex [Australia]

Lagorchestes hirsutus

Rufous Hare-wallaby

R Australia

Lagorchestes leporides

Eastern Hare-wallaby

Ex [Australia]

Lagostrophus fasciatus

Banded Hare-wallaby

R Australia

Macropus greyi

Toolache Wallaby

Ex [Australia]

Onychogalea fraenata

Bridled Naitail Wallaby

E Australia

Onychogalea lunata

Crescent Naitail Wallaby

Ex [Australia]

Petrogale persephone

Proserpine Rock-wallaby

R Australia

Potorous longipes

Long-footed Potoroo

I Australia

Potorous platyops

Broad-faced Potoroo

Ex [Australia]

Family Phalangeridae

Phalanger lulluluae

Woodlark Island Cuscus

E Woodlark I.(Papua New Guinea)

Phalanger rufoniger

Black-spotted Cuscus

R New Guinea

Phalanger pernixtio

Cuscus

R Papua New Guinea

Phalanger vestitus

Cuscus

R New Guinea

Family Petauridae

Gymnobelideus leadbeateri

Leadbeater's Possum

V Australia

Family Vombatidae

Lasiorhinus krefftii

Northern Hairy-nosed Wombat

E Australia

Family Peramelidae

<i>Chaeropus ecaudatus</i>	Ex	[Australia]
<i>Echymipera clara</i>	R	New Guinea
<i>Perameles bougainville</i>	R	Australia
<i>Perameles eremiana</i>	Ex	[Australia]

Family Thylacomyidae

<i>Macrotis lagotis</i>	E	Australia
<i>Macrotis leucura</i>	Ex	[Australia]

Family Dasyuridae

<i>Antechinus apicalis</i>	I	Australia
<i>Phascogale calura</i>	I	Australia
<i>Sminthopsis douglasi</i>	I	Australia
<i>Sminthopsis longicaudata</i>	K	Australia
<i>Sminthopsis psammophila</i>	K	Australia

Family Myrmecobiidae

<i>Myrmecobius fasciatus</i>	E	Australia
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Family Thylacinidae

<i>Thylacinus cynocephalus</i>	Ex	[Australia]
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Order INSECTIVORA**Family Solenodontidae**

<i>Solenodon cubanus</i>	E	Cuba
<i>Solenodon paradoxus</i>	E	Hispaniola

Family Tenrecidae

<i>Geogale aurita aurita</i>	K	Madagascar
<i>Geogale aurita orientalis</i>	I	Madagascar
<i>Limnogale mergulus</i>	V	Madagascar
<i>Microgale brevicaudata</i>	K	Madagascar
<i>Microgale crassipes</i>	K	Madagascar
<i>Microgale drouhardi</i>	K	Madagascar
<i>Microgale longicaudata</i>	K	Madagascar
<i>Microgale longirostris</i>	K	Madagascar
<i>Microgale majori</i>	K	Madagascar
<i>Microgale melanorrhachis</i>	K	Madagascar
<i>Microgale occidentalis</i>	I	Madagascar
Large-eared Tenrec		
Eastern Large-eared Tenrec		
Web-footed Tenrec		

<i>Microgale parvula</i>	K	Madagascar
<i>Microgale principula</i>	K	Madagascar
<i>Microgale prolixicaudata</i>	K	Madagascar
<i>Microgale sorella</i>	K	Madagascar
<i>Microgale taiva</i>	K	Madagascar
<i>Microgale thomasi</i>	K	Madagascar
<i>Microgale (Leptogale) gracilis</i>	K	Madagascar
Family Chrysochloridae		
<i>Amblysomus gunningi</i>	K	South Africa
<i>Amblysomus julianae</i>	R	South Africa
<i>Chlorotalpa duthiae</i>	R	South Africa
<i>Chrysochloris visagiei</i>	K	South Africa
<i>Chrysochalax trevelyani</i>	E	South Africa
<i>Chrysothalax villosus</i>	K	South Africa
<i>Cryptochloris wintoni</i>	K	South Africa
<i>Cryptochloris zyli</i>	K	South Africa
Family Erinaceidae		
<i>Podogymnura truei</i>	V	Philippines
Family Soricidae		
<i>Crocidura maquassiensis</i>	R	South Africa, Zimbabwe
<i>Myosorex longicaudatus</i>	R	South Africa
Family Talpidae		
<i>Desmana moschata</i>	V	U.S.S.R.
<i>Galemys pyrenaicus</i>	V	France, Portugal, Spain
Order CHIROPTERA		
Family Pteropodidae		
<i>Acerodon lucifer</i>	Ex	[Panay I.(Philippines)]
<i>Alionycteris paucidentata</i>	K	Mindanao (Philippines)
<i>Aproteles bulmeri</i>	K	E.New Guinea
<i>Dobsonia exoleta chapmani</i>	Ex?	[Negros I.(Philippines)]
<i>Dobsonia minor</i>	K	Irian Jaya
<i>Dyacopterus brooksi</i>	K	Sumatra
<i>Dyacopterus spadicens</i>	K	Malaya, Borneo
<i>Laiidens salimalii</i>	K	S.India

<i>Megaerops kusnotoi</i>	Javan Tail-less Fruit Bat	K	Java
<i>Nyctimene rabori</i>	Philippines Tube-nosed Fruit Bat	E	Negros I. (Philippines)
<i>Otopteropus cartilagonodus</i>		K	Luzon (Philippines)
<i>Pteropus insularis</i>	Carolines Flying Fox	I	C.Caroline Is
<i>Pteropus livingstonii</i>	Comoro Black Flying Fox	E	Comoro Is
<i>Pteropus macrotis</i>	Big-eared Flying Fox	I	New Guinea, Aru Is
<i>Pteropus mariannus</i>	Marianas Flying Fox	V	Mariana Is, Palau Is, Caroline Is, Ryukyu Is (Japan)
<i>Pteropus molossinus</i>		I	E.Caroline Is
<i>Pteropus niger</i>	Mauritian Flying Fox	V	Mauritius
<i>Pteropus phaeocephalus</i>		I	Truck Is (C.Caroline Is)
<i>Pteropus pilosus</i>	Palau Flying Fox	Ex	[Palau I.]
<i>Pteropus rodricensis</i>	Rodrigues Flying Fox	E	Rodrigues
<i>Pteropus samoensis</i>	Samoan Flying Fox	E	Samoa, Fiji Is
<i>Pteropus seychellensis aldabrensis</i>	Seychelles Flying Fox	V	Aldabra I. (Seychelles)
<i>Pteropus subniger</i>		Ex	[Mauritius, Reunion]
<i>Pteropus tokudae</i>	Guam Flying Fox	Ex	[Guam]
<i>Pteropus tonganus</i>	Insular Flying Fox	I	N.E.New Guinea, Samoa, Cook Is
<i>Pteropus voeltzkowi</i>	Pemba Flying Fox	V	Pemba I.(Tanzania)
Family Emballonuridae			
<i>Emballonura furax</i>	Greater Sheath-tailed Bat	K	New Guinea
<i>Emballonura raffrayana</i>	Raffray's Sheath-tailed Bat	K	Seram I., New Guinea, Solomons
<i>Coleura seychellensis</i>	Seychelles Sheath-tailed Bat	E	Seychelles
Family Craseonycteridae			
<i>Craseonycteris thonglongyai</i>	Kiitti's Hog-nosed Bat	R	Thailand
Family Megadermatidae			
<i>Macroderma gigas</i>	Ghost Bat	V	N.Australia
Family Hipposideridae			
<i>Hipposideros papua</i>	Geelvinck Bay Leaf-nosed Bat	R	Biak I.(Irian Jaya)
<i>Hipposideros ridleyi</i>	Ridley's Leaf-nosed Bat	I	Singapore, Pen. Malaysia, Sabah
<i>Rhinonicteris auranta</i>	Orange Leaf-nosed Bat	K	N.Australia
Family Phyllostomidae			
<i>Leptonycteris nivalis</i>	Mexican Long-nosed Bat	V	S.U.S.A. to Guatemala
<i>Leptonycteris yerbabuena</i>		V	S.U.S.A. to El Salvador

<i>Phyllonycteris aphylla</i>	Jamaican Flower Bat	K	Jamaica	Mammals
<i>Phyllonycteris major</i>	Puerto Rican Flower Bat	Ex?	[Puerto Rico]	
<i>Phyllonycteris poeyi</i>	Cuban Flower Bat	K	Cuba, Hispaniola	
Family Myzopodidae				
<i>Myzopoda aurita</i>	Sucker-footed Bat	K	Madagascar	
Family Vespertilionidae				
<i>Glischropus javanus</i>	Javan Thick-thumbed Bat	K	Java	
<i>Kerivoula africana</i>	Tanzanian Woolly Bat	Ex?	[Tanzania]	
<i>Lasiurus cinereus semotus</i>	Hawaiian Hoary Bat	I	Hawaii (U.S.A.)	
<i>Myotis bartelsii</i>	Bartel's Myotis	K	Java	
<i>Myotis capaccinii</i>	Long-fingered Bat	V	Europe, S. Asia Minor, N.W. Africa	
<i>Myotis dasycneme</i>	Pond Bat	K	Europe to W. Siberia	
<i>Myotis grisescens</i>	Grey Bat	E	U.S.A.	
<i>Myotis hermani</i>	Herman's Myotis	R	N.W. Sumatra	
<i>Myotis myotis</i>	Mouse-eared Bat	K	Europe to Ukraine	
<i>Myotis sodalis</i>	Indiana Bat	V	U.S.A.	
<i>Plecotus townsendii</i>	Townsend's Big-eared Bat	I	U.S.A.	
Family Mystacinidae				
<i>Mystacina robusta</i>	New Zealand Lesser Short-tailed Bat	Ex	[New Zealand]	
<i>Mystacina tuberculata</i>	New Zealand Greater Short-tailed Bat	V	New Zealand	
Family Molossidae				
<i>Otomops formosus</i>	Javan Mastiff Bat	K	Java	
Order PRIMATES				
Family Lemuridae				
<i>Hapalemur griseus</i>	Grey Gentle Lemur	K	Madagascar	
<i>Hapalemur simus</i>	Broad-nosed Gentle Lemur	E	Madagascar	
<i>Hapalemur sp. nova</i>	Golden Gentle Lemur	I	Madagascar	
<i>Lemur catta</i>	Ring-tailed Lemur	K	Madagascar	
<i>Lemur coronatus</i>	Crowned Lemur	K	Madagascar	
<i>Lemur macaco flavifrons</i>	Sclater's Lemur	E	Madagascar	
<i>Lemur macaco macaco</i>	Black Lemur	V	Madagascar	
<i>Lemur mongoz</i>	Mongoose Lemur	V	Madagascar, Comoro Is	
<i>Lemur rubriventer</i>	Red-bellied Lemur	I	Madagascar	
<i>Lepilemur dorsalis</i>	Grey-backed Sportive Lemur	K	Madagascar	

Lepilemur edwardsi K Madagascar
Lepilemur leucopus K Madagascar
Lepilemur microdon K Madagascar
Lepilemur mustelinus K Madagascar
Lepilemur ruficaudatus K Madagascar
Lepilemur septentrionalis K Madagascar
Yarecia variegata I Madagascar

Family Cheirogaleidae

Allocebus trichotis E Madagascar
Microcebus coquereli R Madagascar
Phaner furcifer K Madagascar

Family Indridae

Avahi laniger K Madagascar
Indri indri E Madagascar
Propithecus diadema V Madagascar
Propithecus verreauxi K Madagascar

Family Daubentoniidae

Daubentonia madagascariensis E Madagascar

Family Lorisidae

Arctocebus calabarensis K West Africa
Nycticebus pygmaeus V Indochina

Family Galagidae

Galago thomasi K East Africa
Galago zanzibaricus K East Africa

Family Tarsiidae

Tarsius syrichta E Philippines
Tarsius pumilus I Sulawesi

Family Cebidae

Alouatta fusca I Bolivia, Brazil
Alouatta villosa I Belize, Guatemala, Mexico
Ateles belzebuth V South America
Ateles fusciceps I Colombia, Ecuador, Panama
Ateles geoffroyi V Central America, Mexico

<i>Ateles paniscus</i>	Black Spider Monkey	V	South America
<i>Brachyteles arachnoides</i>	Woolly Spider Monkey	E	Brazil
<i>Cacajao calvus</i>	Red & White Uakari	V	Brazil, Colombia, Peru
<i>Cacajao melanocephalus</i>	Black-headed Uakari	V	Brazil, Colombia, Venezuela
<i>Callicebus personatus</i>	Masked Titi	V	Brazil
<i>Chiropotes albinasus</i>	White-nosed Saki	V	Brazil
<i>Chiropotes satanas satanas</i>	Southern Bearded Saki	E	Brazil
<i>Lagothrix flavicauda</i>	Yellow-tailed Woolly Monkey	E	Ecuador, Peru
<i>Lagothrix lagotricha</i>	Woolly Monkey	V	South America
<i>Saimiri oerstedii</i>	Central American Squirrel Monkey	E	Costa Rica, Panama
Family Callitrichidae			
<i>Callimico goeldii</i>	Goeldi's Marmoset	R	South America
<i>Callithrix argentata leucippe</i>	White Marmoset	V	Brazil
<i>Callithrix aurita</i>	Buffy-tufted-ear Marmoset	E	Brazil
<i>Callithrix flaviceps</i>	Buffy-headed Marmoset	E	Brazil
<i>Callithrix humeralifer</i>	Tassel-eared Marmoset	V	Brazil
<i>Leontopithecus rosalia</i>	Golden Lion Tamarin	E	Brazil
<i>Leontopithecus chrysomelas</i>	Golden-headed Lion Tamarin	E	Brazil
<i>Leontopithecus chrysopygus</i>	Golden-rumped Lion Tamarin	E	Brazil
<i>Saguinus bicolor</i>	Bare-faced Tamarin	I	Brazil, Peru
<i>Saguinus imperator</i>	Emperor Tamarin	I	Bolivia, Brazil, Peru
<i>Saguinus leucopus</i>	White-footed Tamarin	V	Colombia
<i>Saguinus oedipus oedipus</i>	Cotton-top Tamarin	E	Colombia
Family Cercopithecidae			
<i>Allenopithecus nigroviridis</i>	Allen's Swamp Monkey	K	Congo, Zaire
<i>Cercocebus aterrimus</i>	Black Mangabey	K	N. Angola, C. Zaire
<i>Cercocebus galeritus</i>	Crested Mangabey	V	Kenya, Tanzania
<i>Cercocebus galeritus galeritus</i>	Tana River Mangabey	E	Kenya
<i>Cercocebus torquatus</i>	Collared Mangabey	V	West Africa
<i>Cercopithecus diana</i>	Diana Monkey	V	West Africa
<i>Cercopithecus erythrogaster</i>	White-throated Guenon	E	Benin, Nigeria
<i>Cercopithecus erythrotis</i>	Russet-eared Guenon	E	Cameroon, Bioko, Nigeria
<i>Cercopithecus hamlyni</i>	Owl-faced Guenon	V	Rwanda, Uganda, Zaire
<i>Cercopithecus lhoesti</i>	L'hoest's Monkey	V	Burundi, Rwanda, Uganda, Zaire
<i>Cercopithecus preussi</i>	Preuss's Guenon	E	Cameroon, Bioko, Nigeria
<i>Cercopithecus salongo</i>	Salongo Guenon	K	Zaire

<i>Cercopithecus solatus</i>	Sun-tailed Guenon	V	Gabon
<i>Colobus satanas</i>	Black Colobus	E	Cameroon, Congo, Eq. Guinea, Gabon West Africa
<i>Procolobus [badius] badius</i>	Western Red Colobus	V	Ghana, Ivory Coast
<i>Procolobus [b.] badius waldroni</i>	Miss Waldron's Bay Colobus	E	Congo, Bioko, Cameroon
<i>Procolobus [badius] pennanti</i>	Pennant's Red Colobus	V	East & C.Africa
<i>Procolobus [badius] rufomitratu</i>	Peter's Red Colobus	E	Kenya
<i>Procolobus [b.] badius rufonoratus</i>	Tana River Red Colobus	E	Tanzania
<i>Procolobus [badius] gordonorum</i>	Uhehe Red Colobus	E	Zanzibar
<i>Procolobus [badius] kirkii</i>	Zanzibar Red Colobus	V	West Africa
<i>Procolobus verus</i>	Olive Colobus	R	Ethiopia, Somalia, S.Arabia
<i>Papio hamadryas</i>	Hamadryas Baboon	E	Cameroon, Bioko, Nigeria
<i>Mandrillus leucophaeus</i>	Drill	V	Cameroon, Congo, Eq. Guinea, Gabon
<i>Mandrillus sphinx</i>	Mandrill	R	Ethiopia
<i>Theropithecus gelada</i>	Gelada	K	Sulawesi
<i>Macaca brunnescens</i>	Muna-Butung Macaque	V	Taiwan
<i>Macaca cyclopsis</i>	Taiwan Macaque	V	Sulawesi
<i>Macaca hecki</i>	Heck's Macaque	V	Sulawesi
<i>Macaca maura</i>	Moor Macaque	E	Mentawai Is (Indonesia)
<i>Macaca pagensis</i>	Mentawai Macaque	E	S. India
<i>Macaca silenus</i>	Lion-tailed Macaque	V	Algeria, Gibraltar*, Morocco
<i>Macaca sylvanus</i>	Barbary Macaque	K	China
<i>Macaca thibetana</i>	Tibetan Macaque	V	Borneo
<i>Nasalis larvatus</i>	Proboscis Monkey	E	Java
<i>Presbytis comata</i>	Javan Leaf Monkey	E	Mentawai Is. (Indonesia)
<i>Presbytis potenziani</i>	Mentawai Leaf Monkey	E	Indochina, S.W.China
<i>Trachypithecus francoisi</i>	Tonkin Leaf Monkey	E	S.China
<i>Trachypithecus leucocephalus</i>	White-headed Black Leaf Monkey	R	Bhutan, India
<i>Trachypithecus geei</i>	Golden Leaf Monkey	E	S. India
<i>Trachypithecus johnii</i>	Nilgiri Leaf Monkey	E	C.Vietnam, E.C.Laos,
<i>Pygathrix nemaeus</i>	Red-shanked Douc Monkey	E	S.Vietnam, S.Laos, E.Cambodia
<i>Pygathrix nigripes</i>	Black-shanked Douc Monkey	E	N. Vietnam
<i>Rhinopithecus avunculus</i>	Tonkin Snub-nosed Monkey	E	China
<i>Rhinopithecus bieti</i>	Yunnan Snub-nosed Monkey	E	China
<i>Rhinopithecus brelichi</i>	Guizhou Snub-nosed Monkey	V	China
<i>Rhinopithecus roxellanae</i>	Sichuan Golden Snub-nosed Monkey	E	China
<i>Simias concolor</i>	Pig-tailed Langur	E	Mentawai Is (Indonesia)

(**Trachypithecus* now used for many previous *Presbytis**)

Family Hylobatidae

Hylobates concolor
Hylobates hoolock
Hylobates klossi
Hylobates moloch
Hylobates pileatus

V China, Indochina
 V Assam, Burma, Yunnan
 E Mentawai Is (Indonesia)
 E Java
 V Indochina, Thailand

Family Pongidae

Gorilla gorilla
Gorilla gorilla beringei
Gorilla gorilla graueri
Pan paniscus
Pan troglodytes
Pan troglodytes verus
Pongo pygmaeus

V Equatorial Africa
 E Rwanda, Uganda, Zaire
 E E. Zaire
 V Zaire
 V Equatorial Africa
 E West Africa
 E Borneo, Sumatra

Order EDENTATA**Family Myrmecophagidae**

Myrmecophaga tridactyla

V Central & South America

Family Bradypodidae

Bradypus torquatus

E Brazil

Family Dasypodidae

Citamyphorus retusus
Citamyphorus truncatus
Priodontes giganteus
Tolypeutes tricinctus

K Argentina, Bolivia, Paraguay
 K Argentina
 V South America
 I Brazil

Order LAGOMORPHA**Family Ochotonidae**

Prolagus sardus

Ex [Sardinia, Corsica]

Family Leporidae

Bunolagus monticularis
Caprolagus hispidus
Lepus flavigularis
Nesolagus netscheri
Pentalagus furnessi
Romerolagus diazi

E South Africa
 E Himalayan foothills
 E Mexico
 I Sumatra
 E Ryukyu Is (Japan)
 E Mexico

Black Gibbon
 Hoolock Gibbon
 Kloss's Gibbon
 Javan Gibbon
 Pileated Gibbon

Gorilla
 Mountain Gorilla
 Eastern Lowland Gorilla
 Pygmy Chimpanzee
 Chimpanzee
 West African Chimpanzee
 Orang-utan

Giant Anteater

Maned Sloth

Burmeister's Armadillo
 Pink Fairy Armadillo
 Giant Armadillo
 Brazilian Three-banded Armadillo

Sardinian Pika

Riverine Rabbit
 Hispid Hare
 Tehuantepec Hare
 Sumatran Short-eared Rabbit
 Amami Rabbit
 Volcano Rabbit

Order RODENTIA

Family Aplodontidae

- Aplodontia rufa nigra*
Aplodontia rufa phaea

Point Arena Mountain Beaver
Point Reyes Mountain Beaver

I California (U.S.A.)
I California (U.S.A.)

Family Sciuridae

- Cynomys parvidens*
Marmota vancouverensis
Marmota menzbieri
Sciurus niger cinereus
Syntheosciurus brochus

Utah Prairie Dog
Vancouver Island Marmot
Menzbier's Marmot
Delmarva Fox Squirrel
Mountain Squirrel

V U.S.A.
E Canada
V U.S.S.R.
E U.S.A.
K Costa Rica, Panama

Family Heteromyidae

- Dipodomys elator*
Dipodomys gravipes
Dipodomys heermanni morroensis
Dipodomys ingens
Dipodomys nitratoides exilis
Dipodomys nitratoides nitratoides
Dipodomys stephensi
Perognathus alticola
Perognathus inornatus psammophilus
Perognathus longimembris brevinasus

Texas Kangaroo Rat
San Quintin Kangaroo Rat
Morro Bay Kangaroo Rat
Giant Kangaroo Rat
Fresno Kangaroo Rat
Tipton Kangaroo Rat
Stephens Kangaroo Rat
White-eared Pocket Mouse
Salinas Pocket Mouse
Los Angeles Pocket Mouse

R Texas (U.S.A.)
E Baja California (Mexico)
E California (U.S.A.)
I California (U.S.A.)
E California (U.S.A.)
E California (U.S.A.)
I California (U.S.A.)
V California (U.S.A.)
E California (U.S.A.)
E California (U.S.A.)

Family Cricetidae

- Neotoma fuscipes riparia*
Pitymys bavaricus
Reithrodontomys megalotis limicola
Reithrodontomys raviventris
Sigmodon arizonae plenus
Zapus trinotatus orarius

San Joaquin Valley Woodrat
Bavarian Pine Vole
Southern Marsh Harvest Mouse
Salt-marsh Harvest Mouse
Colorado River Cotton Rat
Point Reyes Jumping Mouse

V California (U.S.A.)
Ex [F.R.G.]
V California (U.S.A.)
E California (U.S.A.)
E California (U.S.A.)
I California (U.S.A.)

Family Muridae

- Batomys grantii*
Conilurus albigipes
Leporillus apicalis
Leporillus conditor
Microtus breweri
Microtus californicus scirpensis

Luzon Forest Rat
Rabbit-eared Tree-rat
Lesser Stick-nest Rat
Greater Stick-nest Rat
Beach Vole
Amargosa Vole

I Philippines
Ex [Australia]
Ex [Australia]
R Australia
R U.S.A.
E California (U.S.A.)

<i>Notomys amplius</i>	Short-tailed Hopping-mouse	Ex	[Australia]
<i>Notomys aquilo</i>	Northern Hopping-mouse	K	Australia
<i>Notomys fuscus</i>	Dusky Hopping-mouse	I	Australia
<i>Notomys longicaudatus</i>	Long-tailed Hopping-mouse	Ex	[Australia]
<i>Notomys macrotis</i>	Big-eared Hopping-mouse	Ex	[Australia]
<i>Notomys mordax</i>	Darling Downs Hopping-mouse	Ex	[Australia]
<i>Oryzomys argentatus</i>	Silver Rice Rat	I	U.S.A.
<i>Pseudomys fieldi</i>	Alice Springs Mouse	Ex	[Australia]
<i>Pseudomys oralis</i>	Hastings River Mouse	I	Australia
<i>Pseudomys praeconis</i>	Shark Bay Mouse	R	Australia
<i>Tokudata osimensis muenninki</i>	Ryukyu Spiny Rat	I	Ryukyu Is
<i>Xeromys myoides</i>	False Water-rat	K	Australia
<i>Zyzomys pedunculatus</i>	Central Rock-rat	I	Australia
Family Erithizontidae			
<i>Chaetomys subspinosus</i>	Thin-spined Porcupine	I	Brazil
Family Chinchillidae			
<i>Chinchilla brevicaudata</i>	Short-tailed Chinchilla	I	Andes
<i>Chinchilla lanigera</i>	Long-tailed Chinchilla	I	Chile
Family Capromyidae			
<i>Capromys angelcabrerai</i>	Cabrera's Hutia	E	Cuba
<i>Capromys auritus</i>	Large-eared Hutia	E	Cuba
<i>Capromys garridoi</i>	Garrido's Hutia	I	Cuba
<i>Capromys melanurus</i>	Bushy-tailed Hutia	I	Cuba
<i>Capromys nanus</i>	Dwarf Hutia	E	Cuba
<i>Capromys sanfelipensis</i>	Little Earth Hutia	E	Cuba
<i>Geocapromys brownii</i>	Jamaican Hutia	I	Jamaica
<i>Geocapromys ingrahami</i>	Bahamian Hutia	R	Bahamas
<i>Plagiodontia aedium</i>	Hispaniolan Hutia	I	Hispaniola
Order CETACEA			
Family Iniidae			
<i>Inia geoffrensis</i>	Boto, Amazon River Dolphin	V	South America
Family Platanistidae			
<i>Platanista gangetica</i>	Ganges River Dolphin	V	India, Bangladesh, Nepal, Bhutan
<i>Platanista minor</i>	Indus River Dolphin	E	Pakistan

Family Pontoporiidae			
<i>Lipotes vexillifer</i>	Baiji, Yangtze River Dolphin	E	Yangtze R. (China)
<i>Pontoporia blainvillei</i>	Franciscana, La Plata Dolphin	K	Brazil, Uruguay, Argentina
Family Delphinidae			
<i>Cephalorhynchus commersonii</i>	Commerson's Dolphin	K	Coastal South Atlantic
<i>Cephalorhynchus eutropia</i>	Black Dolphin	K	Coastal Chile
<i>Cephalorhynchus heavisidii</i>	Heaviside's Dolphin	K	Coastal South Africa & Namibia
<i>Cephalorhynchus hectori</i>	Hector's Dolphin	K	Coastal New Zealand
Family Monodontidae			
<i>Delphinapterus leucas</i>	White Whale	K	Arctic & sub-Arctic Ocean
<i>Monodon monoceros</i>	Narwhal	K	Arctic Ocean
<i>Orcaella brevirostris</i>	Irrawaddy Dolphin	K	Rivers and coasts from Bay of Bengal to N.Australia
Family Phocoenidae			
<i>Phocoena phocoena</i>	Harbour Porpoise	K	Coastal waters of N.Hemisphere
<i>Phocoena sinus</i>	Vaquita	V	Gulf of California (Mexico)
Family Ziphiidae			
<i>Hyperoodon ampullatus</i>	Northern Bottlenose Whale	V	North Atlantic
Family Balaenopteridae			
<i>Balaenoptera musculus</i>	Blue Whale	E	All Oceans
<i>Balaenoptera physalus</i>	Fin Whale	V	All Oceans
<i>Megaptera novaeangliae</i>	Humpback Whale	E	All Oceans
Family Balaenidae			
<i>Balaena mysticetus</i>	Bowhead Whale	E	Arctic, N.Atlantic & N.Pacific Oceans
<i>Eubalaena australis</i>	Southern Right Whale	V	S. Atlantic, Pacific, Indian & Southern Oceans
<i>Eubalaena glacialis</i>	Northern Right Whale	E	N.Atlantic & N.Pacific Oceans
Order CARNIVORA			
Family Canidae			
<i>Canis lupus</i>	Grey Wolf	V	North America, Middle East, Eurasia
<i>Canis rufus</i>	Red Wolf	E	U.S.A.

<i>Canis simensis</i>	Simen Fox	E	Ethiopia
<i>Chrysocyon brachyurus</i>	Maned Wolf	V	South America
<i>Cuon alpinus</i>	Dhole	V	Asia
<i>Dusicyon australis</i>	Falkland Island Wolf	Ex	[Falkland Is]
<i>Dusicyon microtis</i>	Small-eared Zorro	K	South America
<i>Lycodon pictus</i>	African Wild Dog	V	Subsaharan Africa
<i>Speothos venaticus</i>	Bush Dog	V	South America
<i>Vulpes bengalensis</i>	Bengal Fox	K	India, Pakistan, S.Nepal
Family Ursidae			
<i>Ailuropoda melanoleuca</i>	Giant Panda	R	China
<i>Melursus ursinus</i>	Sloth Bear	I	India, Nepal, Sri Lanka
<i>Selenarctos thibetanus gedrosianus</i>	Baluchistan Bear	E	Iran, Pakistan
<i>Tremarctos ornatus</i>	Spectacled Bear	V	South America
<i>Ursus arctos nelsoni</i>	Mexican Grizzly Bear	Ex	[Mexico, U.S.A.]
<i>Ursus maritimus</i>	Polar Bear	V	Arctic
Family Procyonidae			
<i>Ailurus fulgens</i>	Red Panda	K	Nepal to China
<i>Procyon glomeralleni</i>	Barbados Racoon	Ex?	[Barbados]
<i>Procyon pygmaeus</i>	Cozumel Island Racoon	K	Cozumel I. (Mexico)
<i>Nasua nelsoni</i>	Cozumel Island Coati	K	Cozumel I. (Mexico)
Family Mustelidae			
<i>Aonyx cinerea</i>	Oriental Small-clawed Otter	K	Asia
<i>Lutra felina</i>	Marine Otter	V	Coastal Chile & Peru, [Argentina]
<i>Lutra longicaudis longicaudis</i>	La Plata Otter	V	South America
<i>Lutra lutra lutra</i>	European Otter	V	Eurasia
<i>Lutra perspicillata</i>	Smooth-coated Otter	K	Asia
<i>Lutra provocax</i>	Southern River Otter	V	W. Argentina, C.&S.Chile
<i>Lutra sumatrana</i>	Hairy-nosed Otter	K	South-east Asia
<i>Pteronura brasiliensis</i>	Giant Otter	V	South America
<i>Conepatus mesoleucus telmalestes</i>	Big Thicket Hog-nosed Skunk	I	E.Texas (U.S.A.)
<i>Gulo gulo</i>	Wolverine	V	Eurasia, North America
<i>Martes flavigula chrysoispila</i>	Taiwan Yellow-throated Marten	I	Taiwan
<i>Martes gwatkinsi</i>	Nilgiri Marten	I	S.India
<i>Martes melampus tsuensis</i>	Tsushima Island Marten	I	Japan
<i>Melogale everetti</i>	Kinabalu Ferret-badger	K	Sabah
<i>Melogale orientalis</i>	Javan Ferret-badger	K	Java

<i>Mustela lutreola</i>	European Mink	V	Europe
<i>Mustela lutreolina</i>	Indonesian Mountain Weasel	K	Java, S.Sumatra?
<i>Mustela nigripes</i>	Black-footed Ferret	E	U.S.A.
<i>Vormela peregusna peregusna</i>	European Marbled Polecat	V	C.Europe to Greece & Turkey
Family Viverridae			
<i>Arctogalidia trivirgata trilineata</i>	Javan Small-toothed Palm Civet	I	Java
<i>Chrotogale owstoni</i>	Owston's Palm Civet	K	Indochina
<i>Cryptoprocta ferox</i>	Fossa	K	Madagascar
<i>Cynogale bennettii</i>	Otter civet	K	South-east Asia
<i>Eupleres goudotii</i>	Falanouc	V	Madagascar
<i>Fossa fossana</i>	Malagasy Civet	V	Madagascar
<i>Genetta abyssinica</i>	Abyssinian Genet	K	Ethiopia, N.Somalia
<i>Genetta genetia isabelae</i>	Ibiza Common Genet	R	Spain
<i>Genetta johnstoni</i>	Johnston's Genet	K	Liberia, Guinea
<i>Macrogalidia musschenbroekii</i>	Sulawesi Palm Civet	R	Sulawesi
<i>Paradoxurus jerdoni</i>	Jerdon's Palm Civet	I	S.India
<i>Poiana richardsoni liberiensis</i>	Leighton's Linsang	I	Liberia, Ivory Coast, Sierra Leone?
<i>Viverra megaspila civetina</i>	Malabar Large Spotted Civet	E	Western Ghats (India)
Family Herpestidae			
<i>Bdeogale crassicauda omnivora</i>	Sokoke Bushy-tailed Mongoose	E	N.Coastal Tanzania, Kenya
<i>Bdeogale crassicauda tenuis</i>	Zanzibar Bushy-tailed Mongoose	I	Zanzibar
<i>Bdeogale jacksoni</i>	Jackson's Mongoose	K	C.Kenya, S.E.Uganda
<i>Galidictis grandidiensis</i>	Giant-striped Mongoose	K	Madagascar
<i>Galidictis fasciata</i>	Malagasy Broad-striped Mongoose	I	Madagascar
<i>Liberiictis kuhni</i>	Liberian Mongoose	E	N.E.Liberia, Ivory Coast?, Guinea?
<i>Mungotictis decemlineata</i>	Malagasy Narrow-striped Mongoose	V	Madagascar
<i>Salanoia concolor</i>	Malagasy Brown-tailed Mongoose	K	Madagascar
Family Hyaenidae			
<i>Hyaena brunnea</i>	Brown Hyaena	V	Southern Africa
<i>Hyaena hyaena barbara</i>	Barbary Hyaena	E	Algeria, Morocco, Tunisia
Family Felidae			
<i>Acinonyx jubatus</i>	Cheetah	V	Africa, Middle East, Iran, U.S.S.R.
<i>Acinonyx jubatus venaticus</i>	Asiatic Cheetah	E	Iran, U.S.S.R.
<i>Felis badia</i>	Bornean Bay Cat	R	Borneo
<i>Felis caracal michaelis</i>	Turkmenian Caracal Lynx	R	U.S.S.R.

Order SIRENIA

Family Dugongidae

Dugong dugon

Hydrodamalis gigas

Dugong
Steller's Sea Cow

V Coastal Indian & Western Pacific Oceans
Ex [Bering Sea, North Pacific Ocean]

Family Trichechidae

Trichechus inunguis

Trichechus manatus

Amazonian Manatee
West Indian Manatee

V Amazon basin
V Caribbean & South American Coasts &
Rivers
V West Africa

Trichechus senegalensis

West African Manatee

Order PERISSODACTYLA

Family Equidae

Equus africanus

Equus grevyi

Equus hemionus

Equus hemionus hemippus

Equus hemionus khur

Equus przewalskii

Equus quagga quagga

Equus zebra hartmannae

Equus zebra zebra

African Wild Ass

Grevy's Zebra

Asiatic Wild Ass

Syrian Wild Ass

Indian Wild Ass

Przewalski's Horse

True Quagga

Hartmann's Mountain Zebra

Cape Mountain Zebra

E North-east Africa
E Ethiopia, Kenya, [Somalia]
V Asia

Ex [Syria]

E Pakistan, India

Ex? [China, Mongolia]

Ex [South Africa]

V Angola, Namibia

E South Africa

Family Tapiridae

Tapirus bairdii

Tapirus indicus

Tapirus pinchaque

Central American Tapir

Malayan Tapir

Mountain Tapir

V Central & North-west South America
E South-east Asia
V North-west South America

Family Rhinocerotidae

Ceratotherium simum cottoni

Diceros bicornis

Didymoceros sumatrensis

Rhinoceros sondaicus

Rhinoceros unicornis

Northern Square-lipped Rhinoceros

Black Rhinoceros

Sumatran Rhinoceros

Javan Rhinoceros

Great Indian Rhinoceros

E Zaire, S.Sudan

E Africa

E South-east Asia

E Java

E India, Nepal

Order ARTIODACTYLA

Family Suidae

- Babirusa*
Sus barbatus cebifrons
Sus barbatus oi
Sus salvanius
Sus scrofa riukiuanus
Sus verrucosus

- Babirusa
 Visayan Warty Pig
 Western Bearded Pig
 Pygmy Hog
 Ryukyu Islands' Wild Pig
 Javan and Bawean Warty Pigs

- V Sulawesi, Buru, Sulu & Togian Is
 V Visayan Is (Philippines)
 V Malaysia, Indonesia
 E [Bangladesh], India, Nepal
 V Ryukyu Is (Japan)
 V Java & Bawean I.

Family Tayassuidae

- Catagonus wagneri*

- Chacoan Peccary

- V Argentina, Bolivia, Paraguay

Family Hippopotamidae

- Choeropsis liberiensis*

- Pygmy Hippopotamus

- V West Africa

Family Camelidae

- Camelus bactrianus*
Vicugna vicugna

- Wild Bactrian Camel
 Vicuna

- V China, Mongolia
 V Andes

Family Cervidae

- Axis calamitanensis*
Axis kuhli
Blastocercus dichotomus
Cervus albirostris
Cervus alfredi
Cervus duvauceli
Cervus elaphus bactrianus
Cervus elaphus barbarus
Cervus elaphus corsicanus
Cervus elaphus hanglu
Cervus elaphus macneilli
Cervus elaphus wallichi
Cervus elaphus yarkandensis
Cervus eldi eldi
Cervus eldi siamensis
Cervus nippon grassianus
Cervus nippon keramae
Cervus nippon kopschi
Cervus nippon mandarinus

- Calamian Deer
 Kuhl's Deer
 Marsh Deer
 Thorold's Deer
 Visayan Spotted Deer
 Swamp Deer
 Bactrian Deer
 Barbary Deer
 Corsican Red Deer
 Hangul
 M'Neill's Deer
 Shou
 Yarkand Deer
 Manipur Brow-antlered Deer
 Thailand Brow-antlered Deer
 Shansi Sika
 Ryukyu Sika
 South China Sika
 North China Sika

- V Calamian I. (Philippines)
 R Bawean I. (Indonesia)
 V Central South America
 I China
 E Visayan Is (Philippines)
 E India, Nepal
 E Afghanistan, U.S.S.R.
 V Algeria, Tunisia
 E [Corsica], Sardinia
 E India
 I China
 E China, Bhutan
 E China
 E India
 E South-east Asia
 E China
 E Ryukyu Is
 E China
 E China

<i>Cervus nippon taiouanus</i>	Formosan Sika	E	Taiwan
<i>Dama mesopotamica</i>	Persian Fallow Deer	E	Mesopotamia
<i>Hippocamelus antisensis</i>	North Andean Huemul	V	North Andes
<i>Hippocamelus bisulcus</i>	South Andean Huemul	E	South Andes
<i>Moschus chrysogaster</i> (subspecies)	Himalayan subspecies of Musk Deer	V	Himalayas
<i>Muntiacus crinifrons</i>	Black Muntjac	I	China
<i>Muntiacus feae</i>	Fea's Muntjac	E	Burma, Thailand
<i>Odocoileus hemionus cerrosensis</i>	Cedros Island Mule Deer	R	Mexico
<i>Odocoileus virginianus clavium</i>	Key Deer	R	U.S.A.
<i>Ozotoceros bezoarticus celer</i>	Argentinian Pampas Deer	E	Argentina
<i>Pudu mephistophiles</i>	Northern Pudu	I	Andes
Family Antilocapridae			
<i>Antilocapra americana peninsularis</i>	Lower California Pronghorn	E	Mexico
<i>Antilocapra americana sonoriensis</i>	Sonoran Pronghorn	E	Mexico, U.S.A.
Family Bovidae			
<i>Bison bonasus</i>	European Bison	V	U.S.S.R., Poland
<i>Bos gaurus</i>	Gaur	V	South-east Asia
<i>Bos grunniens</i>	Wild Yak	E	Central Asia
<i>Bos javanicus</i>	Banteng	V	South-east Asia
<i>Bos sauveli</i>	Kouprey	E	Indochina
<i>Bubalus bubalis</i>	Wild Asiatic Water Buffalo	E	India, Nepal
<i>Bubalus depressicornis</i>	Lowland Anoa	E	Sulawesi
<i>Bubalus mindorensis</i>	Tamaraw	E	Philippines
<i>Bubalus quarlesi</i>	Mountain Anoa	E	Sulawesi
<i>Taurotragus derbianus derbianus</i>	Western Giant Eland	E	West Africa
<i>Addax nasomaculatus</i>	Addax	E	Sahara/Sahel
<i>Aepyceros melampus petersi</i>	Black-faced Impala	E	Angola, Namibia
<i>Alcelaphus buselaphus swaynei</i>	Swayne's Hartebeest	E	Ethiopia, Somalia
<i>Alcelaphus buselaphus tora</i>	Tora Hartebeest	E	Egypt, Ethiopia, Sudan
<i>Ammodorcas clarkei</i>	Dibatag	V	Ethiopia, Somalia
<i>Cephalophus adersi</i>	Ader's Duiker	V	Kenya, Tanzania, Zanzibar
<i>Cephalophus jentinki</i>	Jentink's Duiker	E	Ivory Coast, Liberia
<i>Cephalophus spadix</i>	Abbott's Duiker	V	Tanzania
<i>Cephalophus zebra</i>	Zebra Duiker	V	Ivory Coast, Liberia, Sierra Leone
<i>Damaliscus dorcas dorcas</i>	Bontebok	V	South Africa
<i>Damaliscus hunteri</i>	Hunter's Antelope	R	Kenya, Somalia, Tanzania
<i>Dorcatragus megalotis</i>	Beira Antelope	K	Djibouti, Ethiopia, Somalia

<i>Gazella cuvieri</i>	Cuvier's Gazelle	E	North-west Africa
<i>Gazella dama</i>	Dama Gazelle	V	Sahara/Sahel
<i>Gazella dorcas</i>	Dorcas Gazelle	V	Sahara/Sahel & Middle East
<i>Gazella gazella</i>	Mountain Gazelle	V	Arabia, Middle East
<i>Gazella leptoceros</i>	Slender-horned Gazelle	V	Sahara/Sahel
<i>Gazella rufifrons</i>	Red-fronted Gazelle	V	Senegal to Eritrea
<i>Gazella soemmerringi</i>	Soemmerring's Gazelle	V	North-eastern Africa
<i>Gazella spekei</i>	Speke's Gazelle	V	Somalia, Ethiopia
<i>Gazella subgutturosa marica</i>	Saudi Goitred Gazelle	E	Arabia
<i>Hippotragus leucophaeus</i>	Bluebuck	Ex	[South Africa]
<i>Hippotragus niger variiani</i>	Giant Sable Antelope	E	Angola
<i>Kobus leche</i>	Lechwe	V	Southern Africa
<i>Neotragus moschatus moschatus</i>	Zanzibar Suni	E	Zanzibar
<i>Oryx dammah</i>	Scimitar-horned Oryx	E	Sahara/Sahel
<i>Oryx leucoryx</i>	Arabian Oryx	E	Arabia, Middle East
<i>Tragelaphus buxtoni</i>	Mountain Nyala	E	Ethiopia
<i>Capricornis crispus swinhoei</i>	Formosan Serow	V	Taiwan
<i>Capricornis sumatraensis sumatraensis</i>	Sumatran Serow	E	Sumatra
<i>Budorcas taxicolor bedfordi</i>	Golden Takin	R	China
<i>Budorcas taxicolor tibetana</i>	Szechwan Takin	I	China
<i>Nemorhaedus bailevi</i>	Red Goral	V	Burma, India, China
<i>Hemitragus hylaeus</i>	Nilgiri Tahr	V	India
<i>Hemitragus jayakari</i>	Arabian Tahr	E	Oman, U.A.E.
<i>Capra falconeri</i>	Markhor	V	West Himalayas
<i>Capra falconeri megaceros</i>	Straight-horned Markhor	E	Afghanistan, Pakistan
<i>Capra pyrenaica pyrenaica</i>	Pyrenean Ibex	E	Spain
<i>Capra waliae</i>	Walia Ibex	E	Ethiopia
<i>Rupicapra rupicapra cartusiana</i>	Chamois	E	France
<i>Rupicapra rupicapra tatrica</i>	Tatra Chamois	R	Czechoslovakia, Poland
<i>Rupicapra pyrenaica ornata</i>	Abruzzo Chamois	V	Italy
<i>Ammotragus lervia</i>	Barbary Sheep	V	Sahara/Sahel
<i>Ovis ammon</i>	Argali	I	Mtns of C.Asia
<i>Ovis orientalis musimon</i>	Sardinian Mouflon	V	Sardinia, Corsica
<i>Ovis orientalis ophion</i>	Cyprus Mouflon	V	Cyprus

BIRDS

CLASS AVES

Order APTERYGIFORMES

Family Apterygidae

Apteryx owenii

Little Spotted Kiwi

K* New Zealand

Order TINAMIFORMES

Family Tinamidae

*Tinamus solitarius**Tinamus osgoodi**Crypturellus saltuarius**Crypturellus noctivagus**Crypturellus transfasciatus**Nothoprocta taczanowskii**Nothoprocta kalinowskii**Nothura minor**Taoniscus nanus*

Solitary Tinamou

Black Tinamou

Magdalena Tinamou

Yellow-legged Tinamou

Pale-browed Tinamou

Taczanowski's Tinamou

Kalinowski's Tinamou

Lesser Nothura

Dwarf Tinamou

K* Argentina, Brazil, Paraguay

K* Colombia, Peru

I Colombia

K* Brazil

K* Ecuador, Peru

K* Peru

K* Peru

K* Brazil

K* Argentina, Brazil

Order SPHENISCIFORMES

Family Spheniscidae

*Megadyptes antipodes**Spheniscus demersus**Spheniscus humboldti*

Yellow-eyed Penguin

Jackass Penguin

Peruvian Penguin

K* New Zealand

S Namibia, South Africa

K* Chile, Peru

Order PODICIPEDIFORMES

Family Podicipedidae

*Tachybaptus pelzelni**Tachybaptus rufolavatus**Podilymbus gigas**Podiceps andinus**Podiceps taczanowskii**Podiceps gallardoi*

Madagascar Little Grebe

Alaotra Grebe

Atitlan Grebe

Colombian Grebe

Junin Grebe

Hooded Grebe

K Madagascar

E Madagascar

Ex Guatemala

Ex Colombia

E Peru

R Argentina

Order PROCELLARIIFORMES

Family Diomedidae

*Diomedea amsterdamensis**Diomedea albatrus*

Amsterdam Albatross

Short-tailed Albatross

E Amsterdam I. (France)

E Japan

Family Procellariidae

<i>Pterodroma atterrima</i>	Mascarene Black Petrel	E	Mauritius
<i>Pterodroma feae</i>	Gon-gon	R	Cape Verde Is, Madeira (Portugal)
<i>Pterodroma madeira</i>	Freira	E	Madeira (Portugal)
<i>Pterodroma hasitata</i>	Black-capped Petrel	V	Cuba, Dominican Republic, Haiti
<i>Pterodroma cahow</i>	Cahow	E	Bermuda
<i>Pterodroma becki</i>	Beck's Petrel	I	Papua New Guinea, Solomon Is
<i>Pterodroma ultima</i>	Murphy's Petrel	K*	Pitcairn Is (U.K.), Tuamotu Archipelago (France), Tubuai Is (France)
<i>Pterodroma magentae</i>	Magenta Petrel	E	Chatham Is (New Zealand)
<i>Pterodroma phaeopygia</i>	Dark-rumped Petrel	E	Galapagos (Ecuador), Hawaiian Is (U.S.A.)
<i>Pterodroma cooki</i>	Cook's Petrel	K*	New Zealand
<i>Pterodroma axillaris</i>	Chatham Island Petrel	E	Chatham Is (New Zealand)
<i>Pterodroma defilippiana</i>	Defilippe's Petrel	K*	Chile
<i>Pterodroma pycrofti</i>	Pycroft's Petrel	K*	New Zealand
<i>Pterodroma macgillivrayi</i>	Fiji Petrel	I	Fiji
<i>Procellaria parkinsoni</i>	Black Petrel	E	New Zealand
<i>Procellaria westlandica</i>	Westland Black Petrel	V	New Zealand
<i>Puffinus creatopus</i>	Pink-footed Shearwater	K*	Juan Fernandez Is (Chile)
<i>Puffinus heinrothi</i>	Heinroth's Shearwater	I	Papua New Guinea
<i>Puffinus newelli</i>	Newell's Shearwater	K*	Hawaiian Is (USA)
<i>Puffinus auricularis</i>	Townsend's Shearwater	K*	Mexico

Family Hydrobatidae

<i>Oceanodroma macrodactyla</i>	Guadalupe Storm-petrel	Ex	Mexico
<i>Oceanodroma markhami</i>	Markham's Storm-petrel	K*	Eastern Pacific Ocean
<i>Oceanodroma tristrami</i>	Sooty Storm-petrel	K*	Hawaiian Is (U.S.A.), Japan
<i>Oceanodroma hornbyi</i>	Ringed Storm-petrel	K*	Chile, Ecuador, Peru

Family Pelecanoididae

<i>Pelecanoides garrnotti</i>	Peruvian Diving Petrel	K*	Chile, Peru
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Order PELECANIFORMES

Family Pelecanidae

<i>Pelicanus crispus</i>	Dalmatian Pelican	V	Western Palearctic
<i>Pelicanus philippensis</i>	Spot-billed Pelican	K*	Burma, China, India, Indonesia, Kampuchea, Laos, Malaysia, Thailand, Viet Nam

Family Sulidae <i>Sula abbotti</i>	Abbott's Booby	E	Christmas I. (Australia)
Family Phalacrocoracidae <i>Phalacrocorax carunculatus</i> <i>Phalacrocorax pygmaeus</i> <i>Nannopterum harrisi</i>	New Zealand King Cormorant Pygmy Cormorant Galapagos Flightless Cormorant	K* K* R	New Zealand Western Palearctic Galapagos (Ecuador)
Family Frigateidae <i>Fregata aquila</i> <i>Fregata andrewsi</i>	Ascension Frigatebird Christmas Frigatebird	R V	Ascension I. (U.K.) Christmas I. (Australia)
Order CICONIIFORMES Family Ardeidae <i>Ixobrychus novaezelandia</i> <i>Gorsachius gotsagi</i> <i>Gorsachius magnificus</i> <i>Egretta vinaceigula</i> <i>Egretta eulophotes</i> <i>Ardea humbloti</i> <i>Ardea imperialis</i>	New Zealand Little Bittern Japanese Night-heron White-eared Night-heron Slaty Egret Chinese Egret Madagascar Heron White-bellied Heron	K* K* K* I V K K*	New Zealand China, Indonesia, Japan, Philippines, Taiwan China Botswana, Namibia, Zambia China, Indonesia, Malaysia, North Korea, Philippines Madagascar, Comoros Bhutan, Burma, India, Nepal
Family Balaenicipitidae <i>Balaeniceps rex</i>	Shoebill	S	Central and East Africa
Family Ciconiidae <i>Mycteria cinerea</i> <i>Ciconia stormi</i> <i>Ciconia boyciana</i> <i>Leptoptilos dubius</i>	Milky Stork Storm's Stork Oriental White Stork Greater Adjutant	V I E K*	Indonesia, Kampuchea, Malaysia, Viet Nam Indonesia, Malaysia, Thailand China, Japan, South Korea, U.S.S.R. Bangladesh, Burma, India, Kampuchea, Laos, Thailand, Viet Nam
Family Threskiornithidae <i>Pseudibis davisoni</i> <i>Pseudibis gigantea</i> <i>Geronticus eremita</i>	White-shouldered Ibis Giant Ibis Northern Bald Ibis	I R E	Burma, Indonesia, Kampuchea, Laos, Thailand, Viet Nam Kampuchea, Laos, Thailand, Viet Nam North-west Africa, Turkey, Ethiopia, North Yemen

<i>Geroniticus calvus</i>	Southern Bald Ibis	R	Lesotho, South Africa, Swaziland
<i>Nipponia nippon</i>	Crested Ibis	E	China, Japan
<i>Bostrychia bocagei</i>	Dwarf Olive Ibis	I	Sao Tomé
<i>Platalea minor</i>	Black-faced Spoonbill	K*	China, Japan, North Korea, Philippines, Taiwan, Viet Nam
Family Phoenicopteridae			
<i>Phoenicoparrus andinus</i>	Andean Flamingo	K*	Argentina, Bolivia, Chile, Peru
<i>Phoenicoparrus jamesi</i>	Puna Flamingo	K*	Argentina, Bolivia, Chile, Peru
Order ANSERIFORMES			
Family Anhimidae			
<i>Chauna chavaria</i>	Northern Screamer	K*	Colombia, Venezuela
Family Anatidae			
<i>Dendrocygna arborea</i>	West Indian Whistling-duck	V	Caribbean Islands
<i>Anser erythropus</i>	Lesser White-fronted Goose	K*	Western Palearctic
<i>Branta sandvicensis</i>	Hawaiian Goose	V	Hawaiian Is (U.S.A.)
<i>Stictonetta naevosa</i>	Freckled Duck	K*	Australia
<i>Tadorna cristata</i>	Crested Shelduck	K*	South Korea, U.S.S.R.
<i>Cairina scutulata</i>	White-winged Duck	V	Bangladesh, Burma, India, Indonesia, Thailand
<i>Aix galericulata</i>	Mandarin Duck	K*	China, Japan, North Korea, South Korea, Taiwan, U.S.S.R.
<i>Anas formosa</i>	Baikal Teal	K*	China, Japan, North Korea, South Korea, U.S.S.R.
<i>Anas bernieri</i>	Madagascar Teal	V	Madagascar
<i>Anas aucklandica</i>	New Zealand Brown Teal	V	New Zealand
<i>Marmaronetta angustirostris</i>	Marbled Teal	K*	Western Palearctic
<i>Rhodonessa caryophyllacea</i>	Pink-headed Duck	Ex	India, Nepal
<i>Aythya innotata</i>	Madagascar Pochard	E	Madagascar
<i>Mergus octosetaceus</i>	Brazilian Merganser	I	Argentina, Brazil, Paraguay
<i>Mergus squamatus</i>	Scaly-sided Merganser	I	China, U.S.S.R.
<i>Mergus australis</i>	Auckland Island Merganser	Ex	New Zealand
<i>Oxyura leucocephala</i>	White-headed Duck	K*	Western Palearctic

Order FALCONIFORMES

Family Cathartidae

Gymnogyps californianus

Family Accipitridae

*Chondrohierax wilsonii**Henicopernis infuscata**Milvus milvus**Haliaeetus vociferoides**Haliaeetus leucorhynchus**Haliaeetus albicilla**Haliaeetus pelagicus**Gyps coprotheres**Aegypius monachus**Spilornis klossi**Spilornis kinabaluensis**Spilornis elgini**Eutriorchis astur**Accipiter nanus**Accipiter brachyurus**Accipiter imitator**Accipiter collaris**Accipiter gundlachi**Accipiter poliogaster**Leucopternis plumbea**Leucopternis lacernulata**Leucopternis occidentalis**Leucopternis polionota**Harpyhaliaetus solitarius**Harpyhaliaetus coronatus**Buteo ridgwayi**Buteo galapagoensis**Buteo solitarius**Buteo ventralis**Morphus guianensis*

California Condor

E U.S.A.

Cuban Kite

R Cuba

Black Honey Buzzard

K* Papua New Guinea

Red Kite

K* Western Palearctic

Madagascar Fish-eagle

E Madagascar

Pallas's Fish-eagle

K* Burma, China, India, Iran, Pakistan, U.S.S.R.

White-tailed Fish-eagle

V Palearctic

Steller's Fish-eagle

K* Japan, Korea, U.S.S.R.

Cape Vulture

R Southern Africa

Black (Cinereous) Vulture

K* Palearctic

Nicobar Serpent-eagle

K* Nicobar Is (India)

Kinabalu Serpent-eagle

K* Malaysia

Dark Serpent-eagle

K* Andaman Is (India)

Madagascar Serpent Eagle

E Madagascar

Small Sparrowhawk

K* Indonesia

New Britain Sparrowhawk

K* Papua New Guinea

Imitator Sparrowhawk

K* Papua New Guinea, Solomon Is

Semi-collared Sparrowhawk

K* Colombia, Ecuador, Peru, Venezuela

Gundlach's Hawk

K* Cuba

Grey-bellied Hawk

K* South America

Plumbeous Hawk

K* Colombia, Ecuador, Panama, Peru

White-necked Hawk

K* Brazil

Grey-backed Hawk

I Ecuador

Mantled Hawk

I Argentina, Brazil, Paraguay

Solitary Eagle

K* Colombia, Costa Rica, Ecuador, Guatemala, Honduras, Mexico, Panama, Peru, Venezuela

Crowned Eagle

K* Argentina, Bolivia, Brazil, Paraguay, Uruguay

Ridgway's Hawk

K* Dominican Republic, Haiti

Galapagos Hawk

R Galapagos (Ecuador)

Hawaiian Hawk

R Hawaiian Is (U.S.A.)

Red-tailed Hawk

K* Argentina, Chile

Crested Eagle

R South and Central America

Harpia harpyja
Harpypopsis novaeguineae
Pitheophaga jefferyi
Aquila adalberti
Aquila heliaca
Spizaetus bartelsi
Spizaetus philippensis

R South and Central America
 K* Indonesia, Papua New Guinea
 E Philippines
 E Portugal, Spain
 K* Western Palearctic
 K* Indonesia
 K* Philippines

Harpy Eagle
 New Guinea Harpy Eagle
 Philippine Eagle
 Spanish Imperial Eagle
 Imperial Eagle
 Javan Hawk-eagle
 Philippine Hawk-eagle

Family Falconidae

Micrastur plumbeus
Micrastur buckleyi
Falco punctatus
Falco deiroleucus

K* Brazil, Colombia, Ecuador
 K* Ecuador, Peru
 E Mauritius
 K* South and Central America

Plumbeous Forest-falcon
 Traylor's Forest-falcon
 Mauritius Kestrel
 Orange-breasted Falcon

Order GALLIFORMES

Family Megapodiidae

Megapodius nicobariensis
Megapodius bernsteini
Megapodius laperouse
Megapodius pritchardii
Megapodius wallacei
Leipoa ocellata
Aepyodius bruijnii
Macrocephalon maleo

India
 Indonesia
 Belau, Northern Mariana Is (U.S.A.)
 Tonga
 Indonesia
 Australia
 Indonesia
 Indonesia
 V

Nicobar Scrubfowl
 Sula Scrubfowl
 Micronesian Scrubfowl
 Niuafo'ou Scrubfowl
 Moluccan Scrubfowl
 Malleefowl
 Waigeo Brush-turkey
 Maleo

Family Cracidae

Ortalis erythroptera
Penelope barbata
Penelope dabbeni
Penelope albipennis
Penelope perspicax
Penelope jacucaca
Penelope ochrogaster
Pipile jacutinga
Penelopina nigra

Ecuador, Peru
 Ecuador, Peru
 K* Argentina, Bolivia
 Peru
 E Colombia
 K* Brazil
 K* Brazil
 E Argentina, Brazil, Paraguay
 K* El Salvador, Guatemala, Honduras, Mexico,
 Nicaragua

Rufous-headed Chachalaca
 Bearded Guan
 Red-faced Guan
 White-winged Guan
 Cauca Guan
 White-browed Guan
 Chestnut-bellied Guan
 Black-fronted Piping Guan
 Highland Guan

Oreophasis derbiana
Mitu mitu
Pauxi pauxi
Pauxi unicornis

E Guatemala, Mexico
 E Brazil
 K* Colombia, Venezuela
 K* Bolivia, Peru

Horned Guan
 Alagoas Curassow
 Northern Helmeted Curassow
 Southern Helmeted Curassow

<i>Crossoptilon crossoptilon</i>	White Eared-pheasant	V	Burma, China, India
<i>Crossoptilon manichuricum</i>	Brown Eared-pheasant	E	China
<i>Crossoptilon auritum</i>	Blue Eared-pheasant	K*	China
<i>Catreus wallichi</i>	Cheer Pheasant	E	India, Nepal, Pakistan
<i>Syrnaiticus ellioti</i>	Elliot's Pheasant	E	China
<i>Syrnaiticus humiae</i>	Hume's Pheasant	R	Burma, China, India
<i>Syrnaiticus mikado</i>	Mikado Pheasant	V	Taiwan
<i>Syrnaiticus reevesi</i>	Reeves's Pheasant	K*	China
<i>Chrysolophus amherstiae</i>	Lady Amherst's Pheasant	K*	China
<i>Polyplectron germaini</i>	Germain's Peacock-pheasant	K*	Viet Nam
<i>Polyplectron malacense</i>	Malaysian Peacock-pheasant	K*	Burma, Malaysia, Thailand
<i>Polyplectron schleiermachersi</i>	Bornean Peacock-pheasant	K*	Indonesia
<i>Polyplectron emphanum</i>	Palawan Peacock-pheasant	V	Philippines
<i>Rheinardia ocellata</i>	Crested Argus	R	Laos, Malaysia, Viet Nam
<i>Pavo muticus</i>	Green Peafowl	V	Burma, China, Indonesia, Kampuchea, Laos, Thailand, Viet Nam
<i>Afropavo congensis</i>	Congo Peacock	S	Zaire
Family Numididae			
<i>Agelastes meleagrides</i>	White-breasted Guineafowl	E	West Africa
Family Tetraonidae			
<i>Tetrao tokostewiczii</i>	Caucasian Black Grouse	K*	Iran, Turkey, U.S.S.R.
Order GRUIFORMES			
Family Mesitornithidae			
<i>Mesitornis variegata</i>	White-breasted Mesite	R	Madagascar
<i>Mesitornis unicolor</i>	Brown Mesite	K	Madagascar
<i>Monias benschi</i>	Subdesert Mesite	R	Madagascar
Family Turnicidae			
<i>Turnix everetti</i>	Sumba Buttonquail	K*	Indonesia
<i>Turnix worcesteri</i>	Worcester's Buttonquail	K*	Philippines
<i>Turnix melanogaster</i>	Black-breasted Buttonquail	K*	Australia
Family Pedionomidae			
<i>Pedionomus torquatus</i>	Plains-wanderer	K*	Australia

Family Gruidae

<i>Grus nigricollis</i>	Black-necked Crane	V	Bhutan, Burma, China, India, Viet Nam
<i>Grus monacha</i>	Hooded Crane	V	China, Japan, North Korea, South Korea, U.S.S.R.
<i>Grus japonensis</i>	Japanese Crane	V	China, Japan, North Korea, South Korea, U.S.S.R.
<i>Grus americana</i>	Whooping Crane	E	Canada, U.S.A.
<i>Grus vipio</i>	White-naped Crane	V	China, Japan, North Korea, South Korea, U.S.S.R.
<i>Grus leucogeranus</i>	Siberian Crane	V	Afghanistan, China, India, Iran, U.S.S.R.
<i>Bugeranus carunculatus</i>	Wattled Crane	S	Ethiopia, Central and southern Africa
Family Rallidae			
<i>Rallus okinawae</i>	Okinawa Rail	K*	Japan
<i>Rallus wetmorei</i>	Plain-flanked Rail	K*	Venezuela
<i>Rallus antarcticus</i>	Austral Rail	K*	Argentina, Chile
<i>Rallus semiplumbeus</i>	Bogota Rail	V	Colombia
<i>Rallus muelleri</i>	Auckland Island Rail	I	New Zealand
<i>Rallus owstoni</i>	Guam Rail	V	Guam (U.S.A.)
<i>Atlantisia rogersi</i>	Inaccessible Rail	R	Inaccessible I. (U.K.)
<i>Tricholimnas lafresnayanus</i>	New Caledonian Rail	K*	New Caledonia (France)
<i>Tricholimnas sylvestris</i>	Lord Howe Island Woodhen	E	Lord Howe I. (Australia)
<i>Aramidopsis plateni</i>	Snoring Rail	K*	Indonesia
<i>Cyanolimnas cerverai</i>	Zapata Rail	R	Cuba
<i>Nesoclopeus woodfordi</i>	Woodford's Rail	K*	Papua New Guinea, Solomon Is
<i>Nesoclopeus peocilloptera</i>	Barred-wing Rail	E	Fiji
<i>Gymnocrex rosenbergii</i>	Bald-faced Rail	K*	Indonesia
<i>Habroptila wallacii</i>	Invisible Rail	K*	Indonesia
<i>Crex crex</i>	Corncrake	K*	Africa, Western Palearctic
<i>Porzana spiloptera</i>	Dot-winged Crane	K*	Africa, Western Palearctic
<i>Nesophylax ater</i>	Henderson Island Rail	K*	Argentina, Uruguay
<i>Laterallus xenopterus</i>	Horqueta or Rufous-faced Crane	K*	Henderson I. (U.K.)
<i>Laterallus levraulti</i>	Rusty-flanked Crane	K*	Brazil, Paraguay
<i>Coturnicops exquisita</i>	Siberian Crane	K*	Venezuela
<i>Sarothrura ayresi</i>	White-winged Flufftail	I	China, Japan, South Korea, U.S.S.R.
<i>Sarothrura watersi</i>	Slender-billed Flufftail	I	Ethiopia, southern Africa
<i>Amaurornis olivieri</i>	Sakalava Rail	K	Madagascar

<i>Gallinula comeri</i>	Gough Moorhen	R	Gough I. (U.K.)
<i>Gallinula sylvestris</i>	San Cristobal Mountain Rail	I	Solomon Is
<i>Notornis mantelli</i>	Takahe	E	New Zealand
<i>Fulica cornuta</i>	Horned Coot	R	Argentina, Bolivia, Chile
Family Heliornithidae			
<i>Heliopais personata</i>	Masked Finfoot	K*	Bangladesh, Burma, India, Indonesia, Malaysia, Thailand
Family Rhynochetidae			
<i>Rhynochetos jubatus</i>	Kagu	E	New Caledonia (France)
Family Otididae			
<i>Tetrax tetrax</i>	Little Bustard	R	Western Palearctic
<i>Otis tarda</i>	Great Bustard	R	Palearctic
<i>Ardeotis nigriceps</i>	Great Indian Bustard	V	India
<i>Chlamydotis indulata</i>	Houbara Bustard	K*	Western Palearctic
<i>Houbaropsis bengalensis</i>	Bengal Florican	E	India, Kampuchea, Nepal
<i>Sypheotides indica</i>	Lesser Florican	E	India
Order CHARADRIIFORMES			
Family Haematopodidae			
<i>Haematopus meadewaldoi</i>	Canarian Black Oystercatcher	Ex	Canary Is (Spain)
<i>Haematopus chathamensis</i>	Chatham Island Oystercatcher	E	Chatham Is (New Zealand)
Family Recurvirostridae			
<i>Himantopus novaeseelandia</i>	Black Stilt	E	New Zealand
Family Charadriidae			
<i>Chettusia gregaria</i>	Sociable Plover	K*	Asia, north-east Africa
<i>Vanellus macropterus</i>	Javan Wattled Lapwing	I	Indonesia
<i>Charadrius melodus</i>	Piping Plover	K*	Canada, U.S.A.
<i>Charadrius thoracicus</i>	Madagascar Plover	R	Madagascar
<i>Charadrius sanctaehelenae</i>	St. Helena Plover	R	St. Helena (U.K.)
<i>Charadrius rubricollis</i>	Hooded Plover	K*	Australia
<i>Thinornis novaeseelandia</i>	New Zealand Shore Plover	E	New Zealand
Family Scolopacidae			
<i>Numenius borealis</i>	Eskimo Curlew	E	Canada, U.S.A.
<i>Numenius tahitiensis</i>	Bristle-thighed Curlew	K*	Alaska (U.S.A.), Pacific Ocean

<i>Numenius tenuirostris</i>	Slender-billed Curlew	K*	Western Palearctic
<i>Tringa guttifer</i>	Spotted Greenshank	I	Bangladesh, Burma, China, Hong Kong, Japan, U.S.S.R.
<i>Prosobonia cancellatus</i>	Tuamotu Sandpiper	V	Tuamotu Archipelago (France)
<i>Scolopax celebensis</i>	Sulawesi Woodcock	K*	Indonesia
<i>Scolopax rochussenii</i>	Obi Woodcock	K*	Indonesia
<i>Coenocorypha aucklandica</i>	New Zealand Snipe	R	New Zealand
<i>Gallinago nemoricola</i>	Wood Snipe	K*	Bhutan, India, Nepal, Pakistan
<i>Limnodromus semipalmatus</i>	Asian Dowitcher	R	Asia
<i>Calidris paramelanotos</i>	Cox's Sandpiper	K*	Australia
<i>Eurynorhynchus pygmeus</i>	Spoon-billed Sandpiper	K*	U.S.S.R., South-east Asia
Family Glareolidae			
<i>Cursorius bitorquatus</i>	Jerdon's Courser	K*	India
Family Laridae			
<i>Larus pacificus</i>	Pacific Gull	K*	Australia
<i>Larus atlanticus</i>	Olrog's Gull	K*	Argentina
<i>Larus fuliginosus</i>	Lava Gull	K*	Galapagos (Ecuador)
<i>Larus leucophthalmus</i>	White-eyed Gull	K*	Red Sea
<i>Larus audouinii</i>	Audouin's Gull	R	Mediterranean, Morocco
<i>Larus relictus</i>	Relict Gull	R	China, Mongolia, U.S.S.R., Viet Nam
<i>Larus saundersi</i>	Saunders's Gull	K*	China, Hong Kong, Japan, Mongolia, South Korea, Taiwan
<i>Sterna virgata</i>	Kerguelen Tern	K*	Prince Edward I. (South Africa), Crozet and Kerguelen Is (France)
<i>Sterna albostriata</i>	Black-fronted Tern	K*	New Zealand
<i>Sterna balaenarum</i>	Damara Tern	R	South Africa, Namibia
<i>Sterna bernsteini</i>	Chinese Crested Tern	I	China, Indonesia, Malaysia, Thailand
Family Alcidae			
<i>Synthliboramphus wumizusume</i>	Japanese Murrelet	K*	Japan, North Korea, South Korea, U.S.S.R.
Order COLUMBIFORMES			
Family Columbidae			
<i>Columba eversmanni</i>	Pale-backed Pigeon	K*	Afghanistan, India, Iran, Pakistan, U.S.S.R.

<i>Columba oliviae</i>	Somali Pigeon	R	Somalia
<i>Columba trocaz</i>	Madeira Laurel-pigeon	R	Madeira (Portugal)
<i>Columba bollii</i>	Dark-tailed Laurel-pigeon	R	Canary Is (Spain)
<i>Columba junoniae</i>	White-tailed Laurel-pigeon	R	Canary Is (Spain)
<i>Columba thomensis</i>	Maroon Wood-pigeon	K*	Sao Tomé
<i>Columba elphinstonii</i>	Nilgiri Wood-pigeon	K*	India
<i>Columba torringtoni</i>	Sri Lanka Wood-pigeon	K*	Sri Lanka
<i>Columba punicea</i>	Pale-capped Wood-pigeon	K*	Bhutan, Burma, China, India, Thailand
<i>Columba argentina</i>	Grey Wood-pigeon	K*	Indonesia, Malaysia
<i>Columba pallidiceps</i>	Yellow-legged Wood-pigeon	K*	Papua New Guinea, Solomon Is
<i>Columba caribaea</i>	Ring-tailed Wood-pigeon	K*	Jamaica
<i>Nesoenas mayeri</i>	Pink Pigeon	E	Mauritius
<i>Zenaida graysoni</i>	Socorro Dove	K*	Mexico
<i>Columbina cyanoptis</i>	Blue-eyed Ground Dove	K*	Brazil
<i>Claravis godefrida</i>	Purple-winged Ground Dove	V	Argentina, Brazil, Paraguay
<i>Leptotila wellsi</i>	Grenada Dove	I	Grenada
<i>Leptotila ochraceiventris</i>	Ochre-bellied Dove	K*	Ecuador, Peru
<i>Leptotila conoveri</i>	Tolima Dove	I	Colombia
<i>Geotrygon caniceps</i>	Grey-headed Quail Dove	K*	Cuba, Dominican Republic
<i>Starnoenas cyanocephala</i>	Blue-headed Quail Dove	K*	Cuba
<i>Gallicolumba platanae</i>	Mindoro Bleeding-heart	K*	Philippines
<i>Gallicolumba keayi</i>	Negros Bleeding-heart	K*	Philippines
<i>Gallicolumba menagei</i>	Sulu Bleeding-heart	K*	Philippines
<i>Gallicolumba erythroptera</i>	Society Islands Ground-dove	I	Society Is, Tuamotu Archipelago (France)
<i>Gallicolumba sanctaecrucis</i>	Santa Cruz Ground-dove	K*	Solomon Is, Vanuatu
<i>Gallicolumba salamonis</i>	Thick-billed Ground-dove	K*	Solomon Is
<i>Gallicolumba rubescens</i>	Marquesas Ground-dove	I	Marquesas (France)
<i>Gallicolumba hoedtii</i>	Wetar Ground-dove	K*	Indonesia
<i>Microgoura meeki</i>	Solomon Island Crowned Pigeon	Ex	Solomon Is
<i>Goura sheepmakeri</i>	Scheepmaker's Crowned Pigeon	K*	Indonesia, Papua New Guinea
<i>Goura victoria</i>	Victoria Crowned Pigeon	K*	Indonesia, Papua New Guinea
<i>Didunculus strigirostris</i>	Tooth-billed Pigeon	V	Western Samoa
<i>Treron teysmanni</i>	Sumba Green-pigeon	K*	Indonesia
<i>Treron floris</i>	Flores Green-pigeon	K*	Indonesia
<i>Treron psittacea</i>	Timor Green-pigeon	K*	Indonesia
<i>Treron capellei</i>	Large Green-pigeon	K*	Burma, Indonesia, Malaysia, Thailand
<i>Ptilinopus dohertyi</i>	Red-naped Fruit-dove	K*	Indonesia

<i>Ptilinopus marchei</i>	Flame-breasted Fruit-dove	K*	Philippines
<i>Ptilinopus roseicapilla</i>	Marianas Fruit-dove	V	Guam, Northern Mariana Is (U.S.A.)
<i>Ptilinopus huttoni</i>	Rapa Fruit-dove	R	Austral Is (France)
<i>Ptilinopus mercierii</i>	Marquesas Fruit-dove	K*	Marquesas Is (France)
<i>Ptilinopus arcanus</i>	Negros Fruit-dove	K*	Philippines
<i>Drepanoptila holosericea</i>	Cloven-feathered Dove	V	New Caledonia (France)
<i>Ducula mindorensis</i>	Mindoro Imperial-pigeon	K*	Philippines
<i>Ducula carola</i>	Spotted Imperial-pigeon	K*	Philippines
<i>Ducula aurorae</i>	Society Islands Imperial-pigeon	V	Society Is, Tuamotu Archipelago (France)
<i>Ducula galeata</i>	Marquesas Imperial-pigeon	E	Marquesas Is (France)
<i>Ducula pistrinaria</i>	Island Imperial-pigeon	K*	Papua New Guinea, Solomon Is
<i>Ducula whartoni</i>	Christmas Imperial-pigeon	V	Christmas I. (Australia)
<i>Ducula goliath</i>	Giant Imperial-pigeon	V	New Caledonia (France)
Order PSITTACIFORMES			
Family Psittacidae			
<i>Eos cyanogenia</i>	Biak Red Lory	K*	Indonesia
<i>Eos histrio</i>	Red-and-blue Lory	K*	Indonesia
<i>Lorius domicella</i>	Purple-naped Lory	K*	Indonesia
<i>Vini peruviana</i>	Tahiti Lorikeet	R	Society Is, Tuamotu Archipelago (France), Cook Is
<i>Vini ultramarina</i>	Ultramarine Lorikeet	R	Marquesas Is (France)
<i>Charmosyna toxopei</i>	Blue-fronted Lorikeet	K*	Indonesia
<i>Charmosyna multistriata</i>	Streaked Lorikeet	K*	Indonesia
<i>Charmosyna diadema</i>	New Caledonian Lorikeet	K*	New Caledonia (France)
<i>Cacatua sulphurea</i>	Yellow-crested Cockatoo	K*	Indonesia
<i>Cacatua moluccensis</i>	Salmon-crested Cockatoo	K*	Indonesia
<i>Cacatua alba</i>	White Cockatoo	K*	Indonesia
<i>Cacatua haematurropygia</i>	Red-vented Cockatoo	K*	Philippines
<i>Cacatua goffini</i>	Tanibar Corella	K*	Indonesia
<i>Prioniturus luconensis</i>	Green-crowned Racket-tailed Parrot	K*	Philippines
<i>Prioniturus discurus</i>	Blue-headed Racket-tailed Parrot	K*	Philippines
<i>Prioniturus montanus</i>	Red-crowned Racket-tailed Parrot	K*	Philippines
<i>Psittichas fulgidus</i>	Vulturine Parrot	K*	Indonesia, Papua New Guinea
<i>Psephotus dissimilis</i>	Hooded Parrot	K*	Australia
<i>Psephotus chrysopterygius</i>	Golden-shouldered Parrot	R	Australia
<i>Psephotus pulcherrimus</i>	Paradise Parrot	E	Australia
<i>Cyanoramphus unicolor</i>	Antipodes Island Parrot	K*	New Zealand

<i>Cyanoramphus malherbi</i>	Orange-fronted Parakeet	E	New Zealand
<i>Neophema chrysogaster</i>	Orange-bellied Parrot	R	Australia
<i>Neophema splendida</i>	Scarlet-chested Parakeet	R	Australia
<i>Pezoporus wallicci</i>	Ground Parrot	E	Australia
<i>Geopsittacus occidentalis</i>	Night Parrot	I	Australia
<i>Agapornis nigrigenis</i>	Black-cheeked Lovebird	R	Zambia
<i>Loriculus flosculus</i>	Wallace's Hanging Parrot	K*	Indonesia
<i>Loriculus catamene</i>	Sangihe Hanging Parrot	K*	Indonesia
<i>Psittacula intermedia</i>	Rothschild's Parakeet	K*	India
<i>Psittacula caniceps</i>	Nicobar Parakeet	K*	Nicobar Is (India)
<i>Psittacula eques</i>	Mauritius Parakeet	E	Mauritius
<i>Anodorhynchus hyacinthinus</i>	Hyacinth Macaw	K*	Bolivia, Brazil, Paraguay
<i>Anodorhynchus glaucus</i>	Glaucous Macaw	Ex	Argentina, Brazil, Paraguay, Uruguay
<i>Anodorhynchus leari</i>	Indigo Macaw	E	Brazil
<i>Cyanopsitta spixii</i>	Little Blue Macaw	E	Brazil
<i>Ara glaucogularis</i> (= <i>A. caninde</i>)	Blue-throated Macaw	I	Bolivia
<i>Ara rubrocana</i>	Red-fronted Macaw	K*	Bolivia
<i>Aratinga guarouba</i>	Blue-winged Macaw	K*	Argentina, Brazil, Paraguay
<i>Aratinga euops</i>	Golden Conure	V	Brazil
<i>Aratinga auricapilla</i>	Cuban Conure	K*	Cuba
<i>Leptosittaca branickii</i>	Golden-capped Conure	K*	Brazil
<i>Ognorhynchus icterotis</i>	Golden-plumed Conure	K*	Colombia, Ecuador, Peru
<i>Rhynchopsitta pachyrhyncha</i>	Yellow-eared Conure	V	Colombia, Ecuador
<i>Rhynchopsitta terrisi</i>	Thick-billed Parrot	V	Colombia, Ecuador
<i>Pyrrhura cruentata</i>	Maroon-fronted Parrot	E	Mexico
<i>Pyrrhura perlata</i>	Blue-throated Conure	R	Mexico
<i>Pyrrhura hypoxantha</i>	Pearly Conure	R	Brazil
<i>Pyrrhura albipectus</i>	Yellow-sided Conure	K*	Brazil
<i>Pyrrhura calliptera</i>	White-necked Conure	K*	Brazil
<i>Enicognathus leptorhynchus</i>	Brown-breasted Conure	K*	Ecuador
<i>Bolborhynchus ferrugineifrons</i>	Slender-billed Conure	K*	Colombia
<i>Brotogeris pyrrhopterus</i>	Rufous-fronted Parakeet	K*	Chile
<i>Touit melanonota</i>	Grey-cheeked Parakeet	I	Colombia
<i>Touit surda</i>	Brown-backed Parakeet	K*	Ecuador, Peru
<i>Touit stictoptera</i>	Brown-tailed Parrotlet	R	Brazil
<i>Pionopsitta pileata</i>	Golden-winged Parrotlet	I	Brazil
<i>Haptopsittaca amazonina</i>	Spot-winged Parrotlet	K*	Colombia, Ecuador
<i>Amazona vittata</i>	Pileated Parrot	K*	Argentina, Brazil, Paraguay
	Rusty-faced Parrot	K*	Colombia, Ecuador, Venezuela
	Puerto Rican Amazon	E	Puerto Rico

<i>Amazona pretrei</i>	Red-spectacled Amazon	V	Argentina, Brazil, Paraguay, Uruguay
<i>Amazona viridigenalis</i>	Red-crowned or Green-checked Amazon	K*	Mexico
<i>Amazona brasiliensis</i>	Red-tailed Amazon	E	Brazil
<i>Amazona rhodocorytha</i>	Red-browed Amazon	K*	Brazil
<i>Amazona xanthops</i>	Yellow-faced Amazon	K*	Brazil
<i>Amazona barbadensis</i>	Yellow-shouldered Amazon	K*	Netherlands Antilles, Venezuela
<i>Amazona vinacea</i>	Vinaceous Amazon	K*	Argentina, Brazil, Paraguay
<i>Amazona versicolor</i>	St. Lucia Amazon	E	St. Lucia
<i>Amazona arausiaca</i>	Red-necked Amazon	E	Dominica
<i>Amazona guildingii</i>	St. Vincent Amazon	E	St. Vincent
<i>Amazona imperialis</i>	Imperial Amazon	E	Dominica
<i>Triclaria malachitacea</i>	Purple-bellied Parrot	K*	Brazil
<i>Strigops habroptilus</i>	Kakapo	E	New Zealand
Order CUCULIFORMES			
Family Musophagidae			
<i>Tauraco bannermanni</i>	Bannerman's Turaco	E	Cameroon
<i>Tauraco ruspolii</i>	Prince Ruspoli's Turaco	R	Ethiopia
Family Cuculidae			
<i>Chrysococcyx rufomerus</i>	Green-cheeked Bronze Cuckoo	K*	Indonesia
<i>Coccyzus ferrugineus</i>	Cocos Cuckoo	K*	Costa Rica
<i>Phaenicophaeus pyrrhocephalus</i>	Red-faced Malkoha	K*	India, Sri Lanka
<i>Neomorphpus radiolosus</i>	Banded Ground Cuckoo	K*	Colombia, Ecuador
<i>Carpococcyx radiceus</i>	Sunda Ground Cuckoo	K*	Indonesia, Malaysia
<i>Coua delalandei</i>	Snail-eating Coua	Ex	Madagascar
<i>Centropus chlororhynchus</i>	Green-billed Coucal	K*	Sri Lanka
<i>Centropus steerii</i>	Steere's Coucal	K*	Philippines
<i>Centropus nigrorufus</i>	Javan Coucal	K*	Indonesia
Order STRIGIFORMES			
Family Tytonidae			
<i>Tyto soumagnei</i>	Madagascar Red Owl	I	Madagascar
<i>Tyto nigrobrunnea</i>	Taliabu Owl	K*	Indonesia
<i>Tyto inexpectata</i>	Minahassa Owl	K*	Indonesia
<i>Tyto sororcula</i>	Lesser Masked Owl	K*	Indonesia
<i>Tyto aurantia</i>	Golden Owl	K*	Papua New Guinea
<i>Phodilus prigoginei</i>	Itombwe Owl	I	Burundi, Zaire

Family Strigidae

Otus sagittatus
Otus ireneae
Otus stresemanni
Otus angelinae
Otus alfredi
Otus mindorensis
Otus pauliani
Otus insularis
Otus hartlaubi
Bubo vosseleri
Bubo philippensis
Ketupa blakistoni
Scotopelia ussheri
Glaucidium albertinum
Sceloglaux albifacies
Athene blewitti
Strix davidi

K* Burma, Indonesia, Malaysia, Thailand
E Kenya
K* Indonesia
K* Indonesia
K* Indonesia
K* Philippines
R Comoro Is
R Seychelles
R Sao Tomé
R Tanzania
K* Philippines
K* China, Japan, U.S.S.R.
R West Africa
R Rwanda, Zaire
Ex New Zealand
I India
K* China

White-fronted Scops-owl
Sokoke Scops-owl
Sumatran Scops-owl
Javan Scops-owl
Flores Scops-owl
Mindoro Scops-owl
Grand Comoro Scops-owl
Seychelles Scops-owl
Sao Tomé Scops-owl
Usambara Eagle-owl
Philippine Eagle-owl
Blakiston's Fish-owl
Rufous Fishing Owl
Albertaine Owllet
Laughing Owl
Forest Owllet
David's Owl

Order CAPRIMULGIFORMES

Family Podargidae

Batrachostomus harterti

Family Nyctibiidae

Nyctibius aethereus

Nyctibius leucopterus

Nyctibius bracteatus

Family Caprimulgidae

Eurostopodus diabolicus

Siphonorhis americanus

Caprimulgus noctitherus

Caprimulgus candidans

Caprimulgus whiteleyi

Caprimulgus hirundinaceus

Caprimulgus ruficollis

Caprimulgus centralasicus

Caprimulgus pulchellus

Dulit Frogmouth

K* Indonesia, Malaysia

Long-tailed Potoo

K* Brazil, Colombia, Ecuador, Guyana, Paraguay, Peru, Venezuela

White-winged Potoo

K* Brazil

Rufous Potoo

K* Colombia, Ecuador, Guyana, Peru

Satanic Nightjar

K* Indonesia

Jamaican Least Pauraque

Ex Jamaica

Puerto Rican Nightjar

R Puerto Rico

White-winged Nightjar

K* Brazil, Paraguay

Roraiman Nightjar

K* Venezuela

Pygmy Nightjar

K* Brazil

Red-necked Nightjar

K* Spain, Portugal, West Africa

Vaurie's Nightjar

K* China

Salvadori's Nightjar

K* Indonesia

Macropsalis creagra
Eleothreptus anomalus

Long-trained Nightjar
 Sickie-winged Nightjar

K* Argentina, Brazil
 K* Argentina, Brazil, Paraguay, Uruguay

Order APODIFORMES

Family Apodidae

Cypseloides lemosi
Hydrochous gigas
Collocalia elaphra
Aerodramus leucophaeus
Schoutedenapus schoutedeni
Apus sladeniae
Apus acuticauda

White-chested Swift
 Giant Swiftlet
 Seychelles Swiftlet
 Tahiti Swiftlet
 Atiu Swiftlet
 Schouteden's Swift
 Fernando Po Swift
 Dark-rumped Swift

K* Colombia
 K* Indonesia, Malaysia
 R Seychelles
 K* Society Is (France)
 K* Cook Is
 I Zaire
 K Angola, Cameroon, Fernando Po
 (Equatorial Guinea), Nigeria
 K* India

Family Trochilidae

Glaucis dohrnii
Threnetes niger
Phaethornis idaliae
Campylopterus ensipennis
Campylopterus villaviscensio
Avocettula recurvirostris
Popelairia letitiae
Lepidopyga lilliae
Amazilia luciae
Amazilia distans
Amazilia boucardi
Amazilia castaneiventris
Eupherusa poliocerca
Eupherusa cyanophrys
Anthocephala floriceps
Phlogophilus hemileucurus
Phlogophilus harterti
Heliodoxa gularis
Hylonompha macrocerca
Aglaeactis aliciae
Coeligena prunellei

Hook-billed Hermit
 Sooty Barbthroat
 Minute Hermit
 White-tailed Sabrewing
 Napo Sabrewing
 Fiery-tailed Awbill
 Coppery Thorntail
 Sapphire-bellied Hummingbird
 Honduran Emerald
 Tachira Emerald
 Mangrove Hummingbird
 Chestnut-bellied Hummingbird
 White-tailed Hummingbird
 Oaxaca or Blue-capped Hummingbird
 Blossomcrown
 Ecuadorean Piedtail
 Peruvian Piedtail
 Pink-throated Brilliant
 Scissor-tailed Hummingbird
 Purple-backed Sunbeam
 Black Inca

E Brazil
 K* French Guiana
 K* Brazil
 K* Tobago (Trinidad), Venezuela
 K* Ecuador
 K* Brazil, French Guiana, Guyana, Venezuela
 K* Bolivia
 K* Colombia
 K* Honduras
 K* Venezuela
 K* Costa Rica
 K* Colombia
 K* Mexico
 K* Mexico
 K* Colombia
 K* Ecuador
 K* Peru
 K* Ecuador, Peru
 K* Venezuela
 K* Peru
 I Colombia

Sephanoides fernandensis
Heliangetus viola
Heliangetus regalis
Eriocnemis nigrivestris
Eriocnemis godini
Eriocnemis mirabilis
Eriocnemis derbyi
Haplophaedia lugens
Metallura odomae
Metallura baroni
Taphrolesia griseiventris
Augastes scutatus
Augastes lumachellus
Loddigesia mirabilis
Calypte helenae
Eulidia yarrellii
Acestrura bombus
Acestrura berlepschi
Selasphorus ardens

Juan Fernandez Firecrown
 Purple-throated Sunangel
 Royal Sunangel
 Black-breasted Puffleg
 Turquoise-throated Puffleg
 Colourful Puffleg
 Black-thighed Puffleg
 Hoary Puffleg
 Neblina Metaltail
 Violet-throated Metaltail
 Grey-bellied Comet
 Hyacinth Visorbearer
 Hooded Visorbearer
 Marvellous Spatuletail
 Bee Hummingbird
 Chilean Woodstar
 Little Woodstar
 Esmeraldas Woodstar
 Glow-throated Hummingbird

K* Juan Fernandez Is (Chile)
 K* Ecuador, Peru
 K* Peru
 K* Ecuador
 K* Ecuador
 K* Colombia
 K* Colombia, Ecuador
 K* Colombia, Ecuador
 K* Peru
 K* Ecuador
 K* Peru
 K* Brazil
 K* Brazil
 K* Peru
 K* Cuba
 R Chile
 K* Ecuador, Peru
 K* Ecuador
 K* Panama

Order TROGONIFORMES

Family Trogonidae

Pharomachrus mocinno
Eupitiotis neoxenus
Trogon bairdii

Resplendent Quetzal
 Eared Trogon
 Baird's Trogon

V Central America
 K* Mexico, U.S.A.
 K* Costa Rica, Panama

Order CORACIIFORMES

Family Alcedinidae

Alcedo hercules

Ceyx melanurus
Halcyon winchelli
Halcyon lazuli
Halcyon albonotata
Halcyon australasia
Halcyon ruficollaris
Halcyon gambieri
Halcyon godeffroyi
Halcyon bougainvillei

Blyth's Kingfisher
 Jungle Kingfisher
 Winchell's Kingfisher
 Lazuli Kingfisher
 New Britain Kingfisher
 Cinnamon-banded Kingfisher
 Mangaia Kingfisher
 Tuamotu Kingfisher
 Marquesas Kingfisher
 Moustached Kingfisher

K* Bhutan, Burma, China, India, Nepal, Viet Nam
 K* Philippines
 K* Philippines
 K* Indonesia
 K* Papua New Guinea
 K* Indonesia
 K* Cook Is
 K* Tuamotu Archipelago (France)
 K* Marquesas Is (France)
 K* Papua New Guinea, Solomon Is

<i>Halcyon hombroni</i>	Blue-capped Wood Kingfisher	K*	Philippines
<i>Tanyptera riedelii</i>	Biak Paradise Kingfisher	K*	Indonesia
Family Momotidae			
<i>Electron carinatum</i>	Keel-billed Motmot	K*	Central America
Family Coraciidae			
<i>Brachypteracias leptosomus</i>	Short-legged Ground Roller	R	Madagascar
<i>Brachypteracias squamiger</i>	Scaly Ground Roller	R	Madagascar
<i>Atelornis crossleyi</i>	Rufous-headed Ground Roller	R	Madagascar
<i>Uratelornis chimaera</i>	Long-tailed Ground Roller	R	Madagascar
Family Bucerotidae			
<i>Ptilolaemus tickelli</i>	Brown Hornbill	K*	Burma, India, Laos, Thailand, Viet Nam
<i>Aceros nipalensis</i>	Rufous-necked Hornbill	K*	Bhutan, Burma, India, Kampuchea, Laos, Nepal, Thailand, Viet Nam
<i>Aceros subruficollis</i>	Plain-pouched Hornbill	K*	Burma, Indonesia, Malaysia, Thailand
<i>Aceros narcondami</i>	Narcondam Hornbill	K*	Andaman Is (India)
<i>Rhyticeros everetti</i>	Sumba Hornbill	K*	Indonesia
<i>Anthracoceros montani</i>	Sulu Hornbill	K*	Philippines
<i>Rhinoplax vigil</i>	Helmeted Hornbill	I	Burma, Indonesia, Malaysia, Thailand
Family Galbulidae			
<i>Jacamaralcyon tridactyla</i>	Three-toed Jacamar	K*	Brazil
Family Capitonidae			
<i>Capito hypoleucus</i>	White-mantled Barbet	K*	Colombia
<i>Semnorhis ramphastinus</i>	Toucan Barbet	V	Colombia, Ecuador
<i>Megalaima javensis</i>	Black-banded Barbet	K*	Indonesia
<i>Pogoniulus makawai</i>	White-chested Tinkerbird	I	Zambia
Family Indicatoridae			
<i>Melignomon eisentrauti</i>	Yellow-footed Honeyguide	K	Cameroon, Ghana, Liberia
Family Ramphastidae			
<i>Aulacorhynchus huallagae</i>	Yellow-browed Toucanet	K*	Peru

Family Picidae

<i>Picumnus steindachneri</i>	Speckle-chested Piculet	K*	Peru
<i>Picoides borealis</i>	Red-cockaded Woodpecker	V	U.S.A.
<i>Dryocopus galeatus</i>	Helmeted Woodpecker	E	Argentina, Brazil, Paraguay
<i>Dryocopus schulzi</i>	Black-bodied Woodpecker	K*	Argentina, Paraguay
<i>Campephilus robustus</i>	Robust Woodpecker	K*	Argentina, Brazil, Paraguay
<i>Campephilus principalis</i>	Ivory-billed Woodpecker	E	Cuba, U.S.A.
<i>Campephilus imperialis</i>	Imperial Woodpecker	E	Mexico
<i>Picus rabieri</i>	Red-collared Woodpecker	K*	Laos, Viet Nam
<i>Sapheopipo noguchii</i>	Okinawa Woodpecker	E	Japan

Order PASSERIFORMES

Family Eurylaimidae

<i>Pseudocalyptomena graueri</i>	African Green Broadbill	R	Uganda, Zaire
<i>Eurylaimus steeri</i>	Wattled Broadbill	K*	Philippines

Family Dendrocolaptidae

<i>Xiphocolaptes franciscanus</i>	Snethlage's Woodcreeper	K*	Brazil
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Family Furnariidae

<i>Cinclodes palliatus</i>	White-bellied Cinclodes	K*	Peru
<i>Cinclodes aricomae</i>	Stout-billed Cinclodes	K*	Peru
<i>Aphrastura masafuerae</i>	Masafuera Rayadito	K*	Chile
<i>Leptasthenura xenothorax</i>	White-browed Tit Spinetail	K*	Peru
<i>Synallaxis infuscata</i>	Plain Spinetail	K*	Brazil
<i>Synallaxis courseni</i>	Apurimac Spinetail	K*	Peru
<i>Synallaxis cherriei</i>	Chestnut-throated Spinetail	K*	Brazil, Ecuador, Peru
<i>Synallaxis zimmeri</i>	Russet-bellied Spinetail	K*	Peru
<i>Asthenes anthoides</i>	Austral Canastero	K*	Argentina, Chile
<i>Asthenes urubambensis</i>	Line-fronted Canastero	K*	Peru
<i>Thripophaga cherriei</i>	Orinoco Softtail	K*	Venezuela
<i>Thripophaga macroura</i>	Striated Softtail	K*	Brazil
<i>Phacellodomus dorsalis</i>	Chestnut-backed Thornbird	K*	Peru
<i>Phacellodomus dendrocolaptoides</i>	Canebrake Groundcreeper	K*	Argentina, Brazil, Paraguay
<i>Margarornis tatei</i>	White-throated Barbtail	K*	Venezuela
<i>Philydor amaurotis</i>	White-browed Foliage-gleaner	K*	Argentina, Brazil
<i>Philydor novaesi</i>	Alagoas Foliage-gleaner	K*	Brazil
<i>Philydor dimidiatus</i>	Russet-mantled Foliage-gleaner	K*	Brazil, Paraguay
<i>Automolus ruficollis</i>	Rufous-necked Foliage-gleaner	K*	Ecuador, Peru

<i>Automolus rectirostris</i>	Chestnut-capped Foliage-gleaner	K*	Brazil
<i>Automolus erythrocephalus</i>	Henna-hooded Foliage-gleaner	K*	Ecuador, Peru
<i>Megaxenops parnaguae</i>	Great Xenops	K*	Brazil
Family Formicariidae			
<i>Biatas nigropectus</i>	White-bearded Antshrike	K*	Argentina, Brazil
<i>Thamnophilus praecox</i>	Cocha Antshrike	K*	Ecuador, Peru
<i>Clytoctantes alixii</i>	Recurve-billed Bushbird	K*	Colombia, Venezuela
<i>Thamnomanes plumbeus</i>	Plumbeous Antshrike	K*	Brazil
<i>Myrmotherula klagesi</i>	Klages's Antwren	K*	Brazil
<i>Myrmotherula erythronotos</i>	Black-hooded Antwren	E	Brazil
<i>Myrmotherula minor</i>	Salvadori's Antwren	K*	Brazil
<i>Myrmotherula grisea</i>	Ashy Antwren	K*	Bolivia
<i>Herpilochmus pileatus</i>	Black-capped Antwren	K*	Brazil
<i>Herpilochmus parkeri</i>	Ash-throated Antwren	K*	Peru
<i>Formicivora iheringi</i>	Narrow-billed Antwren	V	Brazil
<i>Drymophila genei</i>	Rufous-tailed Antbird	K*	Brazil
<i>Terenura sharpei</i>	Yellow-rumped Antwren	K*	Bolivia, Peru
<i>Terenura sicki</i>	Orange-bellied Antwren	K*	Brazil
<i>Cercomacra brasiliana</i>	Rio de Janeiro Antbird	K*	Brazil
<i>Cercomacra carbonaria</i>	Rio Branco Antbird	K*	Brazil
<i>Pyriglena atra</i>	Fringe-backed Fire-eye	E	Brazil
<i>Rhopornis ardesiaca</i>	Slender Antbird	V	Brazil
<i>Myrmeciza ruficauda</i>	Scalloped Antbird	K*	Brazil
<i>Myrmeciza griseiceps</i>	Grey-headed Antbird	K*	Ecuador, Peru
<i>Myrmeciza stictothorax</i>	Spot-breasted Antbird	K*	Brazil
<i>Rhegmatorhina gymnops</i>	Bare-eyed Antbird	K*	Brazil
<i>Formicarius rufifrons</i>	Rufous-fronted Antthrush	K*	Peru
<i>Grallaria gigantea</i>	Giant Antpitta	K*	Colombia, Ecuador
<i>Grallaria excelsa</i>	Great Antpitta	K*	Venezuela
<i>Grallaria alleni</i>	Moustached Antpitta	I	Colombia
<i>Grallaria chthonia</i>	Tachira Antpitta	K*	Venezuela
<i>Grallaria rufocinerea</i>	Bicolored Antpitta	K*	Colombia
<i>Grallaria milleri</i>	Brown-banded Antpitta	I	Colombia
<i>Grallaricula loricata</i>	Scalloped-breasted Antpitta	K*	Venezuela
<i>Grallaricula cucullata</i>	Hooded Antpitta	K*	Colombia, Venezuela
Family Conopophagidae			
<i>Conopophaga roberti</i>	Hooded Gnateater	K*	Brazil

Family Rhinocryptidae

Merulaxis stresemanni
Scytalopus novacapitalis

Stresemann's Bristlefront
Brasilia Tapaculo

I Brazil
I Brazil

Family Cotingidae

Laniisoma elegans

K* Bolivia, Brazil, Colombia, Ecuador, Peru,
Venezuela

Tijuca condita

Grey-winged Cotinga

K* Brazil

Carpornis melanocephalus

Black-headed Berryeater

K* Brazil

Ampelion stresemanni

White-cheeked Cotinga

K* Peru

Iodopleura pipra

Buff-throated Purpletuft

K* Brazil

Calyptura cristata

Kinglet Cotinga

I Brazil

Lipaugus lanioides

Cinnamon-vented Piha

K* Brazil

Cotinga ridgwayi

Turquoise Cotinga

K* Costa Rica, Panama

Cotinga maculata

Banded Cotinga

V Brazil

Xipholena atropurpurea

White-winged Cotinga

V Brazil

Carpodectes antoniae

Yellow-billed Cotinga

K* Costa Rica, Panama

Carpodectes hopkei

White Cotinga

K* Colombia, Ecuador, Panama

Cephalopterus glabricollis

Bare-necked Umbrellabird

K* Costa Rica, Panama

Cephalopterus penduliger

Long-wattled Umbrellabird

V Colombia, Ecuador

Family Pipridae

Piprites pileatus

K* Argentina, Brazil

Pipra vilasboasi

K* Brazil

Family Tyrannidae

Agriornis albicauda

White-tailed Shrike Tyrant

K* Argentina, Bolivia, Chile, Ecuador, Peru

Yetape risoria

Strange-tailed Tyrant

K* Argentina, Brazil, Paraguay, Uruguay

Xenotriccus calizonus

Belted Flycatcher

K* Guatemala, Mexico

Ceratotriccus furcatus

Fork-tailed Pygmy Tyrant

K* Brazil

Idioptilon kaempferi

Kaempfer's Tody Tyrant

K* Brazil

Pogonotriccus eximius

Southern Bristle Tyrant

K* Argentina, Brazil, Paraguay

Pogonotriccus venezuelanus

Venezuelan Bristle Tyrant

K* Venezuela

Anairetes alpinus

Ash-breasted Tit Tyrant

K* Bolivia, Peru

Culicivora caudacuta

Sharp-tailed Tyrant

K* Argentina, Bolivia, Brazil, Paraguay

Polystictus pectoralis

Bearded Tachuri

K* Argentina, Bolivia, Brazil, Colombia,
Guyana, Paraguay, Suriname, Venezuela

<i>Polystictus superciliosus</i>	Grey-backed Tachuri	K*	Brazil
<i>Phylloscartes roquettei</i>	Minas Gerais Tyrannulet	K*	Brazil
<i>Phylloscartes paulistus</i>	Sao Paulo Tyrannulet	K*	Brazil, Paraguay
<i>Phylloscartes ceciliae</i>	Long-tailed Tyrannulet	K*	Brazil
<i>Todirostrum viridanum</i>	Short-tailed Tody Flycatcher	K*	Venezuela
<i>Platyrinchus leucorhynchus</i>	Russet-winged Spadebill	K*	Brazil, Paraguay
<i>Aphanoircicus capitalis</i>	Tawny-chested Flycatcher	K*	Costa Rica, Nicaragua
<i>Empidonax griseipectus</i>	Grey-breasted Flycatcher	K*	Ecuador, Peru
<i>Alectrurus tricolor</i>	Cock-tailed Tyrant	K*	Argentina, Bolivia, Brazil, Paraguay
Family Phytotomidae			
<i>Phytotoma raimondii</i>	Peruvian Plantcutter	K*	Peru
Family Pittidae			
<i>Pitta schneideri</i>	Schneider's Pitta	K*	Indonesia
<i>Pitta kochi</i>	Whiskered Pitta	K*	Philippines
<i>Pitta ellioti</i>	Bar-bellied Pitta	K*	Kampuchea, Laos, Viet Nam
<i>Pitta gurneyi</i>	Gurney's Pitta	E	Burma, Thailand
<i>Pitta baudii</i>	Blue-headed Pitta	K*	Indonesia
<i>Pitta nympha</i>	Fairy Pitta	K*	China, Japan, Korea, Borneo, Taiwan, Indochina
<i>Pitta superba</i>	Superb Pitta	K*	Manus I. (Papua New Guinea)
<i>Pitta anerythra</i>	Solomon Islands Pitta	K*	Papua New Guinea, Solomon Is
Family Acanthisittidae			
<i>Xenicus longipes</i>	New Zealand Bush Wren	E	New Zealand
Family Philepittidae			
<i>Neodrepanis hypoxantha</i>	Yellow-bellied Sunbird-asisity	I	Madagascar
Family Atrichornithidae			
<i>Atrichornis rufescens</i>	Rufous Scrub-bird	R	Australia
<i>Atrichornis clamosus</i>	Noisy Scrub-bird	E	Australia
Family Alaudidae			
<i>Mirafra ashi</i>	Ash's Lark	K	Somalia
<i>Mirafra degodiensis</i>	Degodi Lark	K	Ethiopia
<i>Heteromirafra archeri</i>	Somali Long-clawed Lark	I	Somalia
<i>Heteromirafra sidamoensis</i>	Sidamo Long-clawed Lark	I	Ethiopia

<i>Heteromirafra ruddi</i>	South African Long-clawed Lark	I	Lesotho, South Africa, Swaziland
<i>Spizocorys fringillarlis</i>	Botha's Lark	I	South Africa
<i>Alauda razae</i>	Raso Lark	E	Raso (Cape Verde Is)
Family Hirundinidae			
<i>Pseudochelidon sirintarae</i>	White-eyed River Martin	I	Thailand
<i>Callichelidon cyaneoviridis</i>	Bahama Swallow	K*	Bahama Is
<i>Hirundo megaensis</i>	White-tailed Swallow	R	Ethiopia
<i>Hirundo perditia</i>	Red Sea Cliff Swallow	K*	Sudan
Family Motacillidae			
<i>Anthus sokokensis</i>	Sokoke Pipit	V	Kenya, Tanzania
<i>Anthus chloris</i>	Yellow-breasted Pipit	K*	Lesotho, South Africa
<i>Anthus chacoensis</i>	Chaco Pipit	K*	Argentina, Paraguay
<i>Anthus nattereri</i>	Ochre-breasted Pipit	K*	Argentina, Brazil, Paraguay
Family Campephagidae			
<i>Coracina typica</i>	Mauritius Cuckoo-shrike	V	Mauritius
<i>Coracina newtoni</i>	Reunion Cuckoo-shrike	V	Réunion (France)
<i>Coracina coerulescens</i>	Blackish Cuckoo-shrike	K*	Philippines
<i>Coracina ostenta</i>	White-winged Cuckoo-shrike	K*	Philippines
<i>Campephaga lobata</i>	Western Wattled Cuckoo-shrike	V	West Africa
Family Pycnonotidae			
<i>Pycnonotus nieuwenhuisi</i>	Wattled Bulbul	K*	Indonesia
<i>Pycnonotus leucolepis</i>	Spot-winged Bulbul	K*	Liberia
<i>Chlorocichla prigoginei</i>	Prigogine's Greenbul	V	Zaire
<i>Phyllastrephus apperti</i>	Appert's Greenbul	R	Madagascar
<i>Phyllastrephus tenebrosus</i>	Dusky Greenbul	R	Madagascar
<i>Phyllastrephus cinereiceps</i>	Grey-crowned Greenbul	R	Madagascar
<i>Criniger olivaceus</i>	Yellow-throated Olive Greenbul	V	West Africa
<i>Hypsipetes siquijorensis</i>	Mottled-breasted Bulbul	K*	Philippines
<i>Hypsipetes olivaceus</i>	Mauritius Black Bulbul	V	Mauritius
Family Laniidae			
<i>Prionops gabela</i>	Gabela Helmet-shrike	I	Angola
<i>Malakonotus kupeensis</i>	Mount Kupe Bush-shrike	I	Cameroon
<i>Malakonotus gladiator</i>	Green-breasted Bush-shrike	R	Cameroon, Niger
<i>Malakonotus alius</i>	Uluguru Bush-shrike	R	Tanzania

<i>Malaconotus monteiri</i>	Monteiro's Bush-shrike	I	Angola, Cameroon
<i>Lanius newtoni</i>	Sao Tomé Fiscal Shrike	I	Sao Tomé
Family Vangidae			
<i>Xenopirostris damii</i>	Van Dam's Vanga	R	Madagascar
<i>Xenopirostris polleni</i>	Pollen's Vanga	R	Madagascar
Family Cinclidae			
<i>Cinclus schulzi</i>	Rufous-throated Dipper	I	Argentina
Family Troglodytidae			
<i>Hylorchilus sumichrasti</i>	Slender-billed Wren	K*	Mexico
<i>Cistothorus apolinari</i>	Apolinar's Wren	V	Colombia
<i>Ferminia cerverei</i>	Zapata Wren	R	Cuba
<i>Thryothorus nicefori</i>	Niceforo's Wren	K*	Colombia
<i>Troglodytes tanneri</i>	Clarion Wren	K*	Mexico
Family Mimidae			
<i>Mimodes graysoni</i>	Socorro Mockingbird	K*	Mexico
<i>Ramphocinclus brachyurus</i>	White-breasted Thrasher	E	Martinique, St. Lucia
Family Muscicapidae			
<i>Brachypteryx hyperythra</i>	Rusty-bellied Shortwing	K*	China, India
<i>Swynnertonia swynnertoni</i>	Swynnerton's Forest Robin	R	Mozambique, Tanzania, Zimbabwe
<i>Sheppardia gabela</i>	Gabela Akalat	I	Angola
<i>Sheppardia gunningi</i>	East Coast Akalat	R	Kenya, Mozambique, Tanzania
<i>Erithacus ruficeps</i>	Rufous-headed Robin	K*	China, Malaysia
<i>Erithacus obscurus</i>	Black-throated Robin	K*	China, Thailand
<i>Cossypha heinrichi</i>	White-headed Robin-chat	I	Angola, Zaire
<i>Modulatrix orostruthus</i>	Dappled Mountain Robin	R	Mozambique, Tanzania
<i>Dryocichloides montanus</i>	Usambara Ground Robin	R	Tanzania
<i>Dryocichloides lowei</i>	Iringa Ground Robin	R	Tanzania
<i>Alethe choloensis</i>	Thyolo Alethe	E	Malawi, Mozambique
<i>Copsychus sechellarum</i>	Seychelles Magpie-robin	E	Seychelles
<i>Copsychus cebuensis</i>	Black Shama	K*	Philippines
<i>Rhyacornis bicolor</i>	Luzon Redstart	K*	Philippines
<i>Cinclidium frontale</i>	Blue-fronted Robin	K*	China, India, Laos, Nepal, Thailand, Viet Nam
<i>Cochoa beccari</i>	Sumatran Cochoa	K*	Indonesia

<i>Cochoa azurea</i>	Javan Cochoa	K*	Indonesia
<i>Myadestes leucogenys</i>	Rufous-brown Solitaire	K*	Brazil, Ecuador, Guyana, Peru, Venezuela
<i>Myadestes myadestinus</i>	Kamoa	K*	Hawaiian Is (U.S.A.)
<i>Myadestes lanaiensis</i>	Olomao	K*	Hawaiian Is (U.S.A.)
<i>Myadestes palmeri</i>	Puaiohi	E	Hawaiian Is (U.S.A.)
<i>Saxicola macrorhyncha</i>	White-browed Bushchat	K*	India, Pakistan
<i>Saxicola insignis</i>	Hodgson's Bushchat	K*	China, India, Mongolia, Nepal
<i>Saxicola dacotiae</i>	Fuerteventura Stonechat	R	Canary Is (Spain)
<i>Monicola bensoni</i>	Benson's Rockthrush	K	Madagascar
<i>Myiophoneus blighi</i>	Sri Lanka Whistling-thrush	K*	Sri Lanka
<i>Geomaliala heinrichi</i>	Geomaliala	K*	Indonesia
<i>Zoothera schistacea</i>	Slaty-backed Thrush	K*	Indonesia
<i>Zoothera erythronota</i>	Red-backed Thrush	K*	Indonesia
<i>Zoothera peronii</i>	Orange-banded Thrush	K*	Indonesia
<i>Zoothera everetti</i>	Everett's Thrush	K*	Indonesia, Malaysia
<i>Zoothera spiloptera</i>	Spot-winged Thrush	K*	Sri Lanka
<i>Zoothera machiki</i>	Fawn-breasted Thrush	K*	Indonesia
<i>Zoothera amami</i>	Amami Thrush	K*	Japan
<i>Zoothera margaratae</i>	San Cristobal Thrush	K*	Solomon Is
<i>Turdus oberlaenderi</i>	Forest Ground-thrush	R	Madagascar
<i>Turdus kibalensis</i>	Kibale Ground-thrush	I	Uganda
<i>Turdus fischeri</i>	Spotted Ground-thrush	R	East Africa, South Africa, Zaire
<i>Turdus helleri</i>	Taita Thrush	E	Kenya
<i>Turdus menachensis</i>	Yemen Thrush	K*	North Yemen, Saudi Arabia
<i>Turdus feae</i>	Grey-sided Thrush	K*	Burma, China, India, Thailand
<i>Pellorneum palustre</i>	Marsh Babbler	K*	Bangladesh, India
<i>Trichastoma perspicillatum</i>	Black-browed Babbler	K*	Indonesia
<i>Leonardina woodi</i>	Bagobo Babbler	K*	Philippines
<i>Jabouillella danjoui</i>	Short-tailed Scimitar-babbler	K*	Viet Nam
<i>Ptilocichla leucogrammica</i>	Bornean Wren-babbler	K*	Indonesia, Malaysia
<i>Ptilocichla mindanensis</i>	Striated Wren-babbler	K*	Philippines
<i>Napothera rabori</i>	Rabor's Wren-babbler	K*	Philippines
<i>Spelaeornis badeigularis</i>	Rusty-throated Wren-babbler	K*	India
<i>Stachyris rodolphei</i>	Deignan's Babbler	K*	Thailand
<i>Stachyris striata</i>	Striped Babbler	K*	Philippines
<i>Stachyris grammiceps</i>	White-breasted Babbler	K*	Indonesia
<i>Stachyris herberti</i>	Sooty Babbler	K*	Laos
<i>Micromacronus leytensis</i>	Miniature Tit-babbler	K*	Philippines

<i>Moupinia altirostris</i>	Jerdon's Moupinia	K*	Burma, India, Pakistan
<i>Turdoides hindei</i>	Hinde's Pied Babbler	V	Kenya
<i>Garrulax cinereifrons</i>	Ashy-headed Laughingthrush	K*	Sri Lanka
<i>Garrulax millei</i>	Black-hooded Laughingthrush	K*	Viet Nam
<i>Garrulax maesi</i>	Grey Laughingthrush	K*	China, Laos
<i>Garrulax vassali</i>	White-cheeked Laughingthrush	K*	Laos, Viet Nam
<i>Garrulax galbanus</i>	Yellow-throated Laughingthrush	K*	Bangladesh, China, India
<i>Garrulax bieti</i>	White-speckled Laughingthrush	K*	China
<i>Garrulax cachinnans</i>	Nilgiri Laughingthrush	K*	India
<i>Garrulax yersini</i>	Collared Laughingthrush	K*	Viet Nam
<i>Garrulax formosus</i>	Red-winged Laughingthrush	K*	China, Viet Nam
<i>Liocichla omeiensis</i>	Omei Shan Liocichla	K*	China
<i>Alcippe variegaticeps</i>	Gold-fronted Fulvetta	K*	China
<i>Lioptilus gilberti</i>	White-throated Mountain Babbler	R	Cameroon, Nigeria
<i>Crocias langbianis</i>	Grey-crowned Crocias	K*	Viet Nam
<i>Crossleyia xanthophrys</i>	Madagascar Yellowbrow	I	Madagascar
<i>Paradoxornis ruficeps</i>	Greater Rufous-headed Parrotbill	K*	Bhutan, Burma, China, India, Laos, Viet Nam
<i>Paradoxornis flavirostris</i>	Black-breasted Parrotbill	K*	India, Burma, China
<i>Paradoxornis heudei</i>	Eye-browed Parrotbill	I	China, U.S.S.R.
<i>Picathartes gymnocephalus</i>	White-necked Picathartes	V	West Africa
<i>Picathartes oreas</i>	Grey-necked Picathartes	R	Cameroon, Equatorial Guinea, Gabon, Nigeria
<i>Polioptila lembeyei</i>	Cuban Gnatcatcher	K*	Cuba
<i>Bradypterus graueri</i>	Grauer's Swamp Warbler	V	Burundi, Rwanda, Uganda, Zaire
<i>Bradypterus grandis</i>	Dja River Warbler	K	Cameroon, Gabon
<i>Bradypterus major</i>	Large-billed Bush Warbler	K*	China, India, Nepal, Pakistan
<i>Bradypterus palliseri</i>	Sri Lanka Bush Warbler	K*	Sri Lanka
<i>Acrocephalus paludicola</i>	Aquatic Warbler	K*	Western Palearctic, southern Africa
<i>Acrocephalus sorghophilus</i>	Speckled Warbler	K*	China
<i>Acrocephalus rehsei</i>	Nauru Warbler	K*	Nauru
<i>Acrocephalus familiaris</i>	Nihoa Warbler	R	Hawaiian Is (U.S.A.)
<i>Acrocephalus rodericanus</i>	Rodrigues Warbler	E	Rodrigues (Mauritius)
<i>Acrocephalus sechellensis</i>	Seychelles Warbler	R	Seychelles
<i>Nesillas aldobranus</i>	Aldabra Warbler	E	Aldabra (Seychelles)
<i>Chloropeta gracilirostris</i>	Papyrus Yellow Warbler	R	Burundi, Kenya, Rwanda, Uganda, Zaire, Zambia
<i>Phylloscopus amoenus</i>	Kolombangara Warbler	K*	Solomon Is
<i>Cisticola haesitata</i>	Socotra Cisticola	K*	Socotra (South Yemen)

<i>Cisticola restricta</i>	Tana River Cisticola	K	Kenya
<i>Prinia fluvialitis</i>	River Prinia	K	Cameroon, Chad, Nigeria
<i>Prinia burnesi</i>	Long-tailed Prinia	K*	India, Pakistan
<i>Apalis chariessa</i>	White-winged Apalis	K*	Kenya, Malawi, Mozambique, Tanzania
<i>Apalis karamojae</i>	Karamoja Apalis	K	Tanzania, Uganda
<i>Apalis argentea</i>	Kungwe Apalis	R	Burundi, Rwanda, Tanzania, Zaire
<i>Apalis kaboboensis</i>	Kabobo Apalis	R	Zaire
<i>Apalis moreaui</i>	Long-billed Apalis	R	Mozambique, Tanzania
<i>Bathmocercus winifredae</i>	Mrs Moreau's Warbler	R	Tanzania
<i>Eremomela turneri</i>	Turner's Eremomela	R	Kenya, Uganda, Zaire
<i>Macrosphenus pulitzeri</i>	Pulitzer's Longbill	I	Angola
<i>Amaurocichla bocagii</i>	Sao Tomé Short-tail	I	Sao Tomé
<i>Chaetornis striatus</i>	Bristled Grass Warbler	K*	India, Nepal
<i>Megalurus pryeri</i>	Marshland Warbler	K*	China, Japan
<i>Megalurus albolimbatus</i>	Fly River Grassbird	K*	Papua New Guinea
<i>Cichlornis whineyi</i>	Whitney's Thicket Warbler	K*	Solomon Is, Vanuatu
<i>Trichocichla rufa</i>	Long-legged Warbler	E	Fiji
<i>Malurus coronatus</i>	Purple-crowned Fairy-wren	K*	Australia
<i>Amytornis textilis</i>	Thick-billed Grass-wren	K*	Australia
<i>Amytornis goyderi</i>	Eyrean Grass-wren	I	Australia
<i>Amytornis barbatus</i>	Grey Grass-wren	K*	Australia
<i>Amytornis dorotheae</i>	Carpentarian Grass-wren	K*	Australia
<i>Dasyornis brachypterus</i>	Eastern Bristlebird	K*	Australia
<i>Dasyornis longirostris</i>	Western Bristlebird	K*	Australia
<i>Aphelocephala pectoralis</i>	Chestnut-breasted Whiteface	R	Australia
<i>Melaenornis annamarulae</i>	Nimba Flycatcher	K*	Australia
<i>Rhinomyias addita</i>	Streaky-breasted Jungle-flycatcher	I	Ivory Coast, Liberia
<i>Rhinomyias brunneata</i>	Brown-chested Jungle-flycatcher	K*	Indonesia
<i>Rhinomyias colonus</i>	Henna-tailed Jungle-flycatcher	K*	China, India, Indonesia, Malaysia
<i>Rhinomyias albigularis</i>	White-throated Jungle-flycatcher	K*	Indonesia
<i>Rhinomyias insignis</i>	White-browed Jungle-flycatcher	K*	Philippines
<i>Ficedula bonihaina</i>	White-browed Jungle-flycatcher	K*	Philippines
<i>Ficedula harterti</i>	Lompobattang Flycatcher	K*	Indonesia
<i>Ficedula crypta</i>	Sumba Flycatcher	K*	Indonesia
<i>Ficedula henrichi</i>	Cryptic Flycatcher	K*	Indonesia
<i>Ficedula timorensis</i>	Damar Blue Flycatcher	K*	Philippines
<i>Cyornis sandfordi</i>	Black-banded Flycatcher	K*	Indonesia
<i>Cyornis ruecki</i>	Matinan Flycatcher	K*	Indonesia
<i>Cyornis herioti</i>	Rueck's Blue Flycatcher	K*	Indonesia
	Blue-breasted Flycatcher	K*	Philippines

<i>Muscicapa lendu</i>	Chapin's Flycatcher	R	Kenya, Zaire, Uganda
<i>Humblotia flavirostris</i>	Grand Comoro Flycatcher	R	Comoro Is
<i>Newtonia fanovanae</i>	Red-tailed Newtonia	I	Madagascar
<i>Petroica traversi</i>	Chatham Island Black Robin	E	Chatham Is (New Zealand)
<i>Platysteira laticincta</i>	Banded Wattle-eye	E	Cameroon
<i>Terpsiphone corvina</i>	Seychelles Black Paradise-flycatcher	R	Seychelles
<i>Eurichomyias rowleyi</i>	Caerulean Flycatcher	K*	Indonesia
<i>Hypothymis helenae</i>	Short-crested Monarch	K*	Philippines
<i>Hypothymis coelestis</i>	Celestial Monarch	K*	Philippines
<i>Pomarea dimidiata</i>	Rarotonga Flycatcher	V	Cook Is
<i>Pomarea nigra</i>	Tahiti Monarch	E	Society Is (France)
<i>Pomarea mendozae</i>	Marquesas Monarch	K*	Marquesas Is (France)
<i>Mayornis versicolor</i>	Versicolour Flycatcher	K*	Fiji
<i>Clytorhynchus hamlini</i>	Rennell Shrikebill	K*	Solomon Is
<i>Metabolus rugensis</i>	Truk Monarch	R	Federated States of Micronesia (U.S.A.)
<i>Monarcha everetti</i>	White-tipped Monarch	K*	Indonesia
<i>Monarcha boanensis</i>	Black-chinned Monarch	K*	Indonesia
<i>Monarcha sacerdotum</i>	Flores Monarch	K*	Indonesia
<i>Monarcha leucurus</i>	White-tailed Monarch	K*	Indonesia
<i>Monarcha brehmii</i>	Biak Monarch	K*	Indonesia
<i>Myiagra freycineti</i>	Guam Flycatcher	K*	Guam (U.S.A.)
<i>Myiagra atra</i>	Biak Black Flycatcher	K*	Indonesia
<i>Rhipidura superflua</i>	Tawny-backed Fantail	K*	Indonesia
<i>Rhipidura matthiae</i>	St. Matthias Fantail	K*	Papua New Guinea
<i>Pachycephala meyeri</i>	Vogelkop Whistler	K*	Indonesia
<i>Colluricincla sanghirensis</i>	Sangihe Shrike-thrush	K*	Indonesia
<i>Turnagra capensis</i>	New Zealand Thrush	K*	New Zealand
Family Paridae			
<i>Parus nuchalis</i>	White-winged Tit	K*	India
<i>Parus holsti</i>	Yellow Tit	K*	Taiwan
Family Sittidae			
<i>Sitta victoriae</i>	White-browed Nuthatch	K*	Burma
<i>Sitta whiteheadi</i>	Corsican Nuthatch	K*	Corsica (France)
<i>Sitta ledanti</i>	Algerian Nuthatch	R	Algeria
<i>Sitta yunnanensis</i>	Black-masked Nuthatch	K*	China
<i>Sitta solangiae</i>	Yellow-billed Nuthatch	K*	Viet Nam

<i>Sitta magna</i>	Giant Nuthatch	K*	Burma, China, Thailand
<i>Sitta formosa</i>	Beautiful Nuthatch	K*	Bhutan, Burma, China, India, Laos, Viet Nam
Family Rhabdornithidae			
<i>Rhabdornis grandis</i>	Long-billed Rhabdornis	K*	Philippines
Family Dicaeidae			
<i>Dicaeum everetti</i>	Brown-backed Flowerpecker	K*	Indonesia, Malaysia
<i>Dicaeum vincens</i>	Legge's Flowerpecker	K*	Sri Lanka
<i>Pardalotus quadragintus</i>	Forty-spotted Pardalote	K*	Australia
Family Nectariniidae			
<i>Anthreptes rubritorques</i>	Banded Green Sunbird	R	Tanzania
<i>Anthreptes pallidigaster</i>	Amani Sunbird	R	Kenya, Tanzania
<i>Dreptes thomensis</i>	Giant Sunbird	K*	Sao Tomé
<i>Nectarinia buettikoferi</i>	Apricot-breasted Sunbird	K*	Indonesia
<i>Nectarinia rockefelleri</i>	Rockefeller's Sunbird	R	Zaire
<i>Nectarinia prigoginei</i>	Marungu Sunbird	E	Zaire
<i>Nectarinia rufipennis</i>	Rufous-winged Sunbird	R	Tanzania
<i>Aethopyga duyvenbodei</i>	Elegant Sunbird	K*	Indonesia
Family Zosteropidae			
<i>Zosterops flava</i>	Javan White-eye	K*	Indonesia, Malaysia
<i>Zosterops meeki</i>	Sudest White-eye	K*	Papua New Guinea
<i>Zosterops kuehni</i>	Ambon Yellow White-eye	K*	Indonesia
<i>Zosterops luteirostris</i>	Gezo White-eye	K*	Solomon Is
<i>Zosterops sanctaecrucis</i>	Nendo White-eye	K*	Solomon Is
<i>Zosterops minuta</i>	Small Lifou White-eye	K*	Loyalty Is (France)
<i>Zosterops albobularis</i>	White-breasted White-eye	E	Norfolk I. (Australia)
<i>Zosterops inornata</i>	Large Lifou White-eye	K*	Loyalty Is (France)
<i>Zosterops modestus</i>	Seychelles White-eye	E	Seychelles
<i>Speirops brunneus</i>	Fernando Po Speirops	R	Bioko (Equatorial Guinea)
<i>Speirops leucophaeus</i>	Principe Speirops	K*	Principe (Sao Tomé)
<i>Zosterops mouroniensis</i>	Mount Karthala White-eye	R	Comoro Is
<i>Zosterops chloronothus</i>	Mauritius Olive White-eye	V	Mauritius
<i>Woodfordia lacertosa</i>	Sanford's White-eye	K*	Solomon Is
<i>Rukia ruki</i>	Great Truk White-eye	E	Federated States of Micronesia (U.S.A.)

<i>Rukia longirostris</i>	Great Pohnpei White-eye	R	Federated States of Micronesia (U.S.A.)
<i>Madanga ruficollis</i>	Rufous-throated White-eye	K*	Indonesia
<i>Lophozosterops dohertyi</i>	Crested White-eye	K*	Indonesia
<i>Oculocincta squamifrons</i>	Pygmy White-eye	K*	Indonesia, Malaysia
<i>Heleia muelleri</i>	Spot-breasted White-eye	K*	Indonesia
Family Meliphagidae			
<i>Myzomela kuehni</i>	Crimson-hooded Honeyeater	K*	Indonesia
<i>Meliphaga vicina</i>	Sudest Meliphaga	K*	Papua New Guinea
<i>Notiomystis cincta</i>	Stitchbird	V	New Zealand
<i>Philemon brassi</i>	Brass's Friarbird	K*	Indonesia
<i>Philemon fuscicapillus</i>	Dusky Friarbird	K*	Indonesia
<i>Philemon moluccensis</i>	Black-faced Friarbird	K*	Indonesia, Papua New Guinea
<i>Melidectes princeps</i>	Long-bearded Melidectes	K*	Indonesia, Papua New Guinea
<i>Moho braccatus</i>	Kauai Oo	E	Hawaiian Is (U.S.A.)
<i>Moho bishopi</i>	Bishop's Oo	K*	Hawaiian Is (U.S.A.)
<i>Xanthomyza phrygia</i>	Regent Honeyeater	K*	Australia
<i>Manorina melanotis</i>	Black-eared Miner	K*	Australia
Family Emberizidae			
<i>Emberiza jankowskii</i>	Jankowski's Bunting	K*	China, North Korea, U.S.S.R.
<i>Emberiza sulphurata</i>	Japanese Yellow Bunting	K*	China, Japan, Philippines, Taiwan
<i>Ammodramus baileyi</i>	Sierra Madre Sparrow	K*	Mexico
<i>Torreornis inexpectata</i>	Zapata Sparrow	R	Cuba
<i>Melanodera melanodera</i>	Black-throated Finch	K*	Argentina, Chile
<i>Rowettia goughensis</i>	Gough Bunting	R	Gough Island (U.K.)
<i>Nesospiza acunhae</i>	Tristan Bunting	R	Tristan da Cunha group (U.K.)
<i>Nesospiza wilkinsi</i>	Grosbeak Bunting	R	Tristan da Cunha group (U.K.)
<i>Xenospingus concolor</i>	Slender-billed Finch	K*	Chile, Peru
<i>Incaspiza ortizi</i>	Grey-winged Inca Finch	K*	Peru
<i>Poospiza rubecula</i>	Rufous-breasted Warbling Finch	K*	Peru
<i>Poospiza garleppi</i>	Cochabamba Mountain Finch	K*	Bolivia
<i>Poospiza baeri</i>	Tucuman Mountain Finch	K*	Argentina
<i>Sporophila frontalis</i>	Buffy-throated Seedeater	K*	Argentina, Brazil, Paraguay
<i>Sporophila falcirostris</i>	Temminck's Seedeater	K*	Argentina, Brazil
<i>Sporophila insulata</i>	Tumaco Seedeater	I	Colombia
<i>Sporophila hypochroma</i>	Rufous-rumped Seedeater	K*	Argentina, Bolivia
<i>Sporophila ruficollis</i>	Dark-throated Seedeater	K*	Argentina, Bolivia, Brazil, Paraguay, Uruguay

<i>Sporophila cinnamomea</i>	Chestnut Seedeater	K*	Argentina, Brazil, Paraguay
<i>Sporophila melanogaster</i>	Black-bellied Seedeater	K*	Brazil
<i>Amaurospiza moesta</i>	Blackish-blue Seedeater	K*	Argentina, Brazil
<i>Camarhynchus pauper</i>	Floreana Tree Finch	K*	Ecuador
<i>Camarhynchus heliobates</i>	Mangrove Finch	R	Ecuador
<i>Atlapetes flaviceps</i>	Olive-headed Brush Finch	I	Colombia
<i>Atlapetes pallidiceps</i>	Pale-headed Brush Finch	K*	Ecuador
<i>Coryphaspiza melanotis</i>	Black-masked Finch	K*	Argentina, Bolivia, Brazil, Paraguay
<i>Gubernatrix cristata</i>	Yellow Cardinal	K*	Argentina, Brazil, Uruguay
<i>Saltator nigriceps</i>	Black-cowled Saltator	K*	Ecuador, Peru
<i>Saltator cinctus</i>	Masked Saltator	K*	Ecuador
<i>Conothraupis mesoleuca</i>	Cone-billed Tanager	K*	Brazil
<i>Chlorospingus flavovirens</i>	Yellow-green Bush Tanager	K*	Colombia, Ecuador
<i>Nemosia rourei</i>	Cherry-throated Tanager	E	Brazil
<i>Habia atrimaxillaris</i>	Black-cheeked Ant Tanager	K*	Costa Rica
<i>Habia gutturalis</i>	Sooty Ant Tanager	K*	Colombia
<i>Buhraupis melanochlamys</i>	Black-and-gold Tanager	K*	Colombia
<i>Buhraupis aureocincta</i>	Gold-ringed Tanager	K*	Colombia
<i>Buhraupis aureodorialis</i>	Golden-backed Mountain Tanager	K*	Peru
<i>Euphonia chalybea</i>	Green-throated Euphonia	K*	Argentina, Brazil, Paraguay
<i>Chlorochrysa nitidissima</i>	Multicoloured Tanager	K*	Colombia
<i>Tangara cabanisi</i>	Azure-rumped Tanager	I	Guatemala, Mexico
<i>Tangara fastuosa</i>	Seven-coloured Tanager	V	Brazil
<i>Tangara peruviana</i>	Black-backed Tanager	K*	Brazil
<i>Tangara meyerdeschauensei</i>	Green-capped Tanager	K*	Peru
<i>Dacnis albiventris</i>	White-bellied Dacnis	K*	Brazil, Colombia, Ecuador, Peru, Venezuela
<i>Dacnis hartlaubi</i>	Turquoise Dacnis	K*	Colombia
<i>Dacnis nigripes</i>	Black-legged Dacnis	K*	Brazil
<i>Dacnis berlepschi</i>	Scarlet-breasted Dacnis	K*	Colombia, Ecuador
<i>Diglossa venezuelensis</i>	Venezuelan Flowerpiercer	K*	Venezuela
Family Parulidae			
<i>Vermivora bachmanii</i>	Bachman's Warbler	E	Cuba, U.S.A.
<i>Dendroica chrysoparia</i>	Golden-cheeked Warbler	K*	U.S.A., Central America
<i>Dendroica kirtlandii</i>	Kirtland's Warbler	E	Bahama Is, U.S.A.
<i>Catharopeza bishopi</i>	Whistling Warbler	K*	St. Vincent
<i>Geothlypis flavovelata</i>	Altamira Yellowthroat	K*	Mexico
<i>Geothlypis speciosa</i>	Black-poll'd Yellowthroat	K*	Mexico

<i>Leucopoeza semperi</i>	Semper's Warbler	E	St. Lucia
<i>Myioborus pariae</i>	Yellow-faced Redstart	K*	Venezuela
<i>Basileuterus cinereicollis</i>	Grey-throated Warbler	K*	Colombia, Venezuela
<i>Basileuterus ignotus</i>	Pirre Warbler	K*	Panama
<i>Basileuterus griseiceps</i>	Grey-headed Warbler	K*	Venezuela
<i>Basileuterus leucophrys</i>	White-striped Warbler	K*	Brazil
<i>Xenoligea montana</i>	White-winged Ground Warbler	K*	Dominican Republic, Haiti
<i>Conirostrum margaritae</i>	Pearly-breasted Conebill	K*	Brazil, Peru
Family Drepanididae			
<i>Oreomystis bairdi</i>	Kauai Creeper	K*	Hawaiian Is (U.S.A.)
<i>Oreomystis mana</i>	Hawaii Creeper	K*	Hawaiian Is (U.S.A.)
<i>Paroreomyza maculata</i>	Oahu Creeper	K*	Hawaiian Is (U.S.A.)
<i>Paroreomyza flammea</i>	Mulokai Creeper	K*	Hawaiian Is (U.S.A.)
<i>Paroreomyza montana</i>	Mau Creeper	K*	Hawaiian Is (U.S.A.)
<i>Loxops coccinea</i>	Akepa	K*	Hawaiian Is (U.S.A.)
<i>Hemignathus obscurus</i>	Akialoa	E	Hawaiian Is (U.S.A.)
<i>Hemignathus lucidus</i>	Nukupuu	E	Hawaiian Is (U.S.A.)
<i>Hemignathus munroi</i>	Akiapolaau	E	Hawaiian Is (U.S.A.)
<i>Pseudonestor xanthophrys</i>	Mau Parrotbill	V	Hawaiian Is (U.S.A.)
<i>Telespyza ultima</i>	Niho Finches	K*	Hawaiian Is (U.S.A.)
<i>Telespyza cantans</i>	Laysan Finch	K*	Hawaiian Is (U.S.A.)
<i>Psittirostra psittacea</i>	Ou	E	Hawaiian Is (U.S.A.)
<i>Psittirostra bailliei</i>	Palila	E	Hawaiian Is (U.S.A.)
<i>Melamprosops phaeosoma</i>	Poo Uli	R	Hawaiian Is (U.S.A.)
<i>Palmeria dolei</i>	Crested Honeycreeper	V	Hawaiian Is (U.S.A.)
Family Vireonidae			
<i>Vireo atricapillus</i>	Black-capped Vireo	K*	Mexico, U.S.A.
<i>Vireo caribaeus</i>	San Andres Vireo	K*	San Andres I. (Colombia)
Family Icteridae			
<i>Psarocolius cassini</i>	Chestnut-mantled Oropendola	K*	Colombia
<i>Cacicus koepckeae</i>	Selva Cacique	K*	Peru
<i>Icterus bonana</i>	Martinique Oriole	K*	Martinique (France)
<i>Icterus oberi</i>	Montserrat Oriole	K*	Montserrat (U.K.)
<i>Agelaius flavus</i>	Saffron-cowled Blackbird	K*	Argentina, Bolivia, Brazil, Paraguay, Uruguay

Agelaius xanthomus
Sturnella defilippi
Hypopyrrhus pyrohypogaster
Coraeus forbesi

Family Fringillidae

Fringilla teydea
Serinus ankoberensis
Serinus flavigula
Neospiza concolor
Carduelis yarrellii
Carduelis cucullata
Carduelis siemiradzki
Acanthis johannis

Family Estrildidae

Estrilda poliopareia
Estrilda nigriloris
Estrilda formosa
Erythrura viridifacies
Erythrura coloria
Erythrura kleinschmidti
Erythrura gouldiae
Padada fuscata

Family Ploceidae

Ploceus bannermani
Ploceus batesi
Ploceus nigrimentum
Ploceus subpersonatus
Ploceus ruweti
Ploceus golandi
Ploceus aureonucha
Ploceus megarhynchus
Ploceus flavipes
Ploceus nicolli
Ploceus victoriae
Malimbus ibadanensis
Malimbus ballmanni

Yellow-shouldered Blackbird
 Lesser Red-breasted Meadowlark
 Red-bellied Grackle
 Forbes's Blackbird

Blue Chaffinch
 Ankober Serin
 Yellow-throated Serin
 Sao Tomé Grosbeak
 Yellow-faced Siskin
 Red Siskin
 Saffron Siskin
 Warsangli Linnet

Anambra Waxbill
 Black-lore Waxbill
 Green Munia
 Green-faced Parrotfinch
 Red-eared Parrotfinch
 Pink-billed Parrotfinch
 Gouldian Finch
 Timor Sparrow

Bannerman's Weaver
 Bates's Weaver
 Black-chinned Weaver
 Loango Slender-billed Weaver
 Lake Lufira Weaver
 Clarke's Weaver
 Golden-naped Weaver
 Finn's Baya Weaver
 Yellow-legged Weaver
 Tanzanian Mountain Weaver
 Entebbe Weaver
 Ibadan Malimbe
 Gola Malimbe

V Puerto Rico
 K* Argentina, Brazil, Uruguay
 K* Colombia
 K* Brazil

R Canary Is (Spain)
 R Ethiopia
 I Ethiopia
 I Sao Tomé
 K* Brazil, Venezuela
 E Venezuela
 K* Ecuador
 R Somalia

K Nigeria
 K Zaire
 K* India
 K* Philippines
 K* Philippines
 R Fiji
 K* Australia
 K* Indonesia

V Cameroon, Nigeria
 R Cameroon
 K Angola, Congo
 K Angola, Congo, Zaire
 K Zaire
 E Kenya
 R Zaire
 K* India
 R Zaire
 R Tanzania
 K* Uganda
 E Nigeria
 I Liberia, Sierra Leone

<i>Parotia wahnesi</i>	Wahnes's Parotia	K*	Papua New Guinea
<i>Paradisaea decora</i>	Goldie's Bird of Paradise	K*	Papua New Guinea
<i>Paradisaea rudolphi</i>	Blue Bird of Paradise	K*	Papua New Guinea
Family Corvidae			
<i>Cyanolyca pulchra</i>	Beautiful Jay	K*	Colombia, Ecuador
<i>Cyanolyca nana</i>	Dwarf Jay	K*	Mexico
<i>Cyanolyca mirabilis</i>	White-throated Jay	K*	Mexico
<i>Cyanocorax caeruleus</i>	Azure Jay	K*	Argentina, Brazil
<i>Perisoreus internigrans</i>	Sichuan Jay	K*	China
<i>Urocissa ornata</i>	Sri Lanka Magpie	K*	Sri Lanka
<i>Crypsirina cucullata</i>	Hooded Treepie	K*	Burma
<i>Temnurus temnurus</i>	Ratchet-tailed Treepie	K*	China, Viet Nam
<i>Zavattariornis siresemanni</i>	Ethiopian Bush Crow	R	Ethiopia
<i>Corvus unicolor</i>	Banggai Crow	K*	Indonesia
<i>Corvus florensis</i>	Flores Crow	K*	Indonesia
<i>Corvus kubaryi</i>	Marianas Crow	E	Guam, Northern Mariana Is (U.S.A.)
<i>Corvus tropicus</i>	Hawaiian Crow	E	Hawaiian Is (U.S.A.)

REPTILES and AMPHIBIANS

CLASS REPTILIA

Order TESTUDINES

Family Carettochelyidae

Carettochelys insculpta

K Australia, New Guinea

Family Chelidae

Acanthochelys macrocephala

Big-headed Pantanal Swamp Turtle

K Brazil

Acanthochelys pallidipectoris

Chaco Sideneck Turtle

R Argentina, Paraguay

Acanthochelys spixii

Black Spine-necked Swamp Turtle

K Argentina, Brazil, Uruguay

Phrynops dahlí

Dahl's Toad-headed Turtle

I Colombia

Phrynops hogei

Hoge's Side-necked Turtle

I Brazil

Phrynops rufipes

Red-headed Sideneck Turtle

K Brazil, Colombia

Pseudemydura umbrina

Zulia Toad-headed Turtle

K Venezuela

Western Swamp Turtle

E Western Australia

Family Cheloniidae

Caretta caretta

Loggerhead Turtle

V Subtropical & Temperate Seas

Chelonia mydas

Green Turtle

E Tropical Seas

Eretmochelys imbricata

Hawksbill Turtle

E Tropical Seas

Lepidochelys kempii

Kemp's Ridley

E Gulf of Mexico

Lepidochelys olivacea

Olive Ridley

E Tropical Seas

Family Chelydridae

Macrolemys temminckii

Alligator Snapping Turtle

V U.S.A.

Family Dermatemnydidae

Dermatemys mawii

Central American River Turtle

V Central America

Family Dermochelyidae

Dermochelys coriacea

Leatherback

E Tropical & Temperate Seas

Family Emydidae

Annamemys annamensis

Annam Leaf Turtle

K Viet Nam

Batagur baska

River Terrapin

E South-east Asia

Callagur borneoensis

Painted Terrapin

E South-east Asia

Cistoclemmys galbiniifrons

Indochinese Box Turtle

K Viet Nam

Cistoclemmys hainanensis

Hainan Box Turtle

K Hainan (China)

Clemmys muhlenbergii

Bog Turtle

R U.S.A.

<i>Cuora yunnanensis</i>	Yunnan Box Turtle	K	China
<i>Geoclemys hamiltonii</i>	Spotted Pond Turtle	I	South Asia
<i>Graptemys barbouri</i>	Barbour's Map Turtle	K	U.S.A.
<i>Graptemys caglei</i>	Cagle's Map Turtle	K	U.S.A.
<i>Graptemys flavimaculata</i>	Yellow-blotched Map Turtle	I	U.S.A.
<i>Graptemys oculifera</i>	Ringed Map Turtle	K	U.S.A.
<i>Heosemys depressa</i>	Arakan Forest Turtle	K	Burma
<i>Heosemys leytensis</i>	Leyte Pond Turtle	I	Leyte (Philippines)
<i>Geoemyda silvalica</i>	Cane Turtle	V	India
<i>Heosemys spinosa</i>	Spiny Turtle	K	Indonesia, Malaysia, Thailand
<i>Kachuga kachuga</i>	Red-crowned Roofed Turtle	I	Bangladesh, India, Nepal
<i>Kachuga sylhetensis</i>	Assam Roofed Turtle	K	India
<i>Kachuga trivittata</i>	Burmese Roofed Turtle	K	Burma
<i>Melanocheilus tricarinata</i>	Tricarinate Hill Turtle	I	Bangladesh, India, Nepal
<i>Morentia ocellata</i>	Burmese Eyed Turtle	K	Burma
<i>Orlitia borneensis</i>	Malaysian Giant Turtle	K	Indonesia, Malaysia
<i>Pseudemys atabamensis</i>	Alabama Red-bellied Turtle	R	U.S.A.
<i>Trachemys terrapen felis</i>	Cat Island Turtle	R	Bahamas
<i>Trachemys stejnegeri malonei</i>	Inagua Island Turtle	R	Bahamas
<i>Trachemys scripta callirostris</i>	South American Red-lined Turtle	V	Colombia, Venezuela
<i>Rhinoclemmys rubida</i>	Mexican Spotted Wood Turtle	K	Mexico
<i>Terrapene coahuila</i>	Aquatic Box Turtle	V	Mexico
<i>Terrapene nelsoni</i>	Spotted Box Turtle	K	Mexico
<i>Trachemys decorata</i>	Hispaniolan Slider	K	Hispaniola
Family Kinosternidae			
<i>Kinosternon angustipons</i>	Narrow-bridged Mud Turtle	R	Costa Rica, Nicaragua, Panama
<i>Kinosternon creaseri</i>	Creaser's Mud Turtle	V	Mexico
<i>Kinosternon dunnii</i>	Dunn's Mud Turtle	R	Colombia
<i>Kinosternon oaxacae</i>	Oaxaca Mud Turtle	I	Mexico
<i>Sternotherus depressus</i>	Flattened Musk Turtle	V	U.S.A.
Family Pelomedusidae			
<i>Erymnochelys madagascariensis</i>	Madagascan Side-necked Turtle	I	Madagascar
<i>Pelusios seychellensis</i>	Seychelles Mud Turtle	K	Seychelles
<i>Podocnemis erythrocephala</i>	Red-headed Amazon Turtle	K	Brazil, Venezuela
<i>Podocnemis expansa</i>	South American River Turtle	E	Amazon Basin
<i>Podocnemis lewyana</i>	Rio Magdalena River Turtle	I	Colombia
<i>Podocnemis sextuberculata</i>	Yellow-spotted Sideneck Turtle	K	Brazil, Colombia, Peru
<i>Podocnemis unifilis</i>		V	Amazon Basin

Family Testudinidae

- Geochelone chilensis*
- Geochelone elephantopus*
- Geochelone gigantea*
- Geochelone platynota*
- Geochelone radiata*
- Geochelone yniophora*
- Gopherus agassizii*
- Gopherus berlandieri*
- Gopherus flavomarginatus*
- Gopherus polyphemus*
- Hemopus bergeri*
- Indotestudo elongata*
- Indotestudo forstenii*
- Malacochersus tornieri*
- Manouria emys*
- Manouria impressa*
- Psammobates geometricus*
- Pyxis arachnoides*
- Pyxis planicauda*
- Testudo graeca graeca*
- Testudo hermanni*
- Testudo kleinmanni*

Family Trionychidae

- Trionyx nigricans*

Order CROCODYLIA

Family Alligatoridae

- Alligator sinensis*
- Caiman crocodilus*
- Caiman latirostris*
- Melanosuchus niger*

Family Crocodylidae

- Crocodylus acutus*
- Crocodylus cataphractus*
- Crocodylus intermedius*
- Crocodylus johnsoni*

- Chaco Tortoise V Argentina, Paraguay
- Galapagos Giant Tortoise V Galapagos Is
- Aldabra Giant Tortoise R Aldabra
- Burmese Starred Tortoise K Burma
- Radiated Tortoise V Madagascar
- Angonoka E Madagascar
- Desert Tortoise V Mexico, U.S.A.
- Texas Gopher Tortoise I Mexico, U.S.A.
- Bolson Tortoise E Mexico
- Florida Gopher Tortoise V U.S.A.
- Berger's Tortoise K Namibia
- Elongated Tortoise K India, South-east Asia
- Travancore Tortoise R India, Indonesia*
- Pancake Tortoise K Kenya, Tanzania
- Burmese Brown Tortoise K South-east Asia
- Impressed Tortoise K South-east Asia
- Geometric Tortoise V South Africa
- Spider Tortoise I Madagascar
- Madagascar Flat-shelled Tortoise I Madagascar
- Spur-thighed Tortoise V Europe, North Africa
- Hermann's Tortoise V Europe
- Egyptian Tortoise V Egypt, Israel, Libya

- Black Soft-shell Turtle R Bangladesh

- Chinese Alligator E China
- Spectacled Caiman T Central & South America
- Broad-nosed Caiman E Southern South America
- Black Caiman E South America

- American Crocodile E Caribbean, Central America, U.S.A.
- African Slender-snouted Crocodile I Africa
- Orinoco Crocodile E Colombia, Venezuela
- Australian Fresh-water Crocodile V Australia

<i>Crocodylus mindorensis</i>	Philippines Crocodile	E	Philippines
<i>Crocodylus moreletii</i>	Morelet's Crocodile	E	Central America
<i>Crocodylus niloticus</i>	Nile Crocodile	V	Africa, Madagascar
<i>Crocodylus novaeguineae</i>	New Guinea Crocodile	V	New Guinea
<i>Crocodylus palustris</i>	Mugger	V	South Asia
<i>Crocodylus porosus</i>	Estuarine Crocodile	E	Asia, Australia, West Pacific
<i>Crocodylus rhombifer</i>	Cuban Crocodile	E	Cuba
<i>Crocodylus siamensis</i>	Siamese Crocodile	E	South-east Asia
<i>Osteolaemus tetraspis</i>	West African Dwarf Crocodile	I	West & Central Africa
<i>Tomistoma schlegelii</i>	False Gharial	E	South-east Asia
Family Gavialidae			
<i>Gavialis gangeticus</i>	Gharial	E	South Asia
Order RHYNCHOCEPHALIA			
Family Sphenodontidae			
<i>Sphenodon punctatus</i>	Tuatara	R	New Zealand
Order SAURIA			
Family Agamidae			
<i>Ceratophora tennentii</i>	Leaf-nosed Lizard	V	Sri Lanka
<i>Hydrosaurus pustulatus</i>	Sail-fin Lizard	V	Philippines
Family Anguillidae			
<i>Gerrhonotus panamintus</i>	Panamint Alligator Lizard	K	U.S.A.
Family Anniellidae			
<i>Anniella pulchra nigra</i>	Black Legless Lizard	I	U.S.A.
Family Chamaeleonidae			
<i>Bradypodion taeniabronchum</i>	Smith's Dwarf Chamaeleon	V	South Africa
Family Gekkonidae			
<i>Anarbylus switaki</i>	Switak's Barefoot Gecko	R	U.S.A.
<i>Nactus serpensinsula</i>	Serpent Island Gecko	R	Round I., Serpent I.
<i>Oedura reticulata</i>	Reticulated Velvet Gecko	V	Australia
<i>Phelsuma edwardnewtonii</i>	Rodrigues Day Gecko	E	Rodrigues
<i>Phelsuma guentheri</i>	Gunther's Gecko	E	Round I.

Family Helodermatidae			
<i>Heloderma horridum</i>	Beaded Lizard	I	Guatemala, Mexico
<i>Heloderma suspectum</i>	Gila Monster	V	Mexico, U.S.A.
Family Iguanidae			
<i>Amblyrhynchus cristatus</i>	Galapagos Marine Iguana	R	Galapagos Is
<i>Anolis roosevelti</i>	Culebra Island Giant Anole	E	Culebra I. (Puerto Rico)
<i>Brachylophus fasciatus</i>	South Pacific Banded Iguana	V	Fiji, Tonga
<i>Brachylophus vitiensis</i>	Fiji Crested Iguana	V	Fiji
<i>Conolophus pallidus</i>	Barrington Land Iguana	R	Galapagos Is
<i>Conolophus subcristatus</i>	Galapagos Land Iguana	V	Galapagos Is
<i>Cyclura carinata</i>	Turks & Caicos Rock Iguana	R	Bahamas, Turks & Caicos
<i>Cyclura cornuta</i>	Rhinoceros Rock Iguana	T	Hispaniola, Mona I.
<i>Cyclura cychlura</i>	Andros Ground Iguana	R	Bahamas
<i>Cyclura nubila</i>	Cuban Ground Iguana	V	Cayman Is, Cuba
<i>Cyclura pinguis</i>	Anegada Ground Iguana	E	Anegada (British Virgin Is)
<i>Cyclura ricordii</i>	Hispaniolan Ground Iguana	I	Hispaniola
<i>Cyclura rileyi</i>		T	Bahamas
<i>Gambelia silus</i>	San Joaquin Leopard Lizard	E	U.S.A.
<i>Phrynosoma cornatum blainvillei</i>	San Diego Horned Lizard	K	Mexico, U.S.A.
<i>Uma inornata</i>	Coachella Fringe-toed Lizard	V	U.S.A.
Family Lacertidae			
<i>Gallotia simonyi</i>	Hierro Giant Lizard	E	Hierro (Canary Is)
<i>Podarcis filfolensis filfolensis</i>	Filfolia Lizard	R	Filfolia I. (Malta)
Family Scincidae			
<i>Ctenotus lanceolini</i>	Lancelin Island Skink	R	Australia
<i>Gongylomorphus bojerii fontenayi</i>	Macabé Forest Skink	R	Mauritius
<i>Leiopisma telfairii</i>	Round Island Skink	R	Round I.
<i>Macrosцинus coctaei</i>	Cape Verde Giant Skink	Ex?	Cape Verde Is
<i>Pseudemoia palfreymani</i>	Pedra Branca Skink	R	Pedra Branca I. (Australia)
<i>Tiliqua adelaidensis</i>	Adelaide Pigmy Bluetongue Lizard	I	Australia
<i>Tribolonotus ponceteti</i>		I	Shortland I. (Solomon Is)
Family Teiidae			
<i>Ameiva polops</i>	St Croix Ground Lizard	E	U.S. Virgin Is
<i>Chemidophorus hyperythrus</i>	Orange-throated Whiptail	V	Mexico, U.S.A.

Family Varanidae			
<i>Varanus grayi</i>	Gray's Monitor	R	Luzon (Philippines)
<i>Varanus griseus caspius</i>	Central Asian Monitor	V	Central-west Asia
<i>Varanus komodoensis</i>	Komodo Dragon	R	Indonesia
Family Xantusiidae			
<i>Xantusia riversiana</i>	Island Night Lizard	R	U.S.A.
Order SERPENTES			
Family Aniliidae			
<i>Anomochilus leonardi</i>	Leonard's Pipe Snake	K	Peninsular Malaysia
Family Boidae			
<i>Acrantophis dumerili</i>	Madagascar Boa	K	Madagascar
<i>Acrantophis madagascariensis</i>	Round Island Boa	K	Madagascar
<i>Bolyeria multocarinata</i>	Round Island Keel-scaled Boa	E	Round I.
<i>Casarea dussumieri</i>	Southern Rubber Boa	E	Round I.
<i>Charina bottae umbratica</i>	Cuban Tree Boa	R	U.S.A.
<i>Epicrates angulifer</i>	Puerto Rican Boa	I	Cuba
<i>Epicrates inornatus</i>	Mona Boa	E	Puerto Rico
<i>Epicrates monensis monensis</i>	Bimini Boa	R	Mona I.
<i>Epicrates striatus fosteri</i>	Jamaican Boa	R	Bahamas
<i>Epicrates subflavus</i>	Indian Python	V	Jamaica
<i>Python molurus</i>		V	South & South-east Asia
<i>Sanzinia madagascariensis</i>		K	Madagascar
Family Colubridae			
<i>Drymarchon corais couperi</i>	Eastern Indigo Snake	V	U.S.A.
<i>Iguanognathus werneri</i>	San Joaquin Coachwhip	I	Sumatra
<i>Masticophis flagellum ruddocki</i>	Alameda Striped Racer	R	U.S.A.
<i>Masticophis lateralis euryxanthus</i>	Atlantic Saltmarsh Snake	R	U.S.A.
<i>Nerodia fasciata taeniata</i>	Concho Water Snake	R	U.S.A.
<i>Nerodia harteri paucimaculata</i>	Lake Erie Water Snake	V	U.S.A.
<i>Nerodia sipedon insularum</i>	Giant Garter Snake	K	U.S.A.
<i>Thamnophis gigas</i>	Two-striped Garter Snake	R	U.S.A.
<i>Thamnophis hammondi</i>	San Francisco Garter Snake	R	Mexico, U.S.A.
<i>Thamnophis sirtalis tetrataenia</i>		R	U.S.A.
<i>Thermophilus baileyi</i>		E	U.S.A.
		R	China

Family Elapidae

Brachyaspis atriceps
Hoplocephalus bungaroides
Naja oxiana
Ogmodon vitianus

Broad-headed Snake
 Central Asian Cobra
 Fiji Snake (Bolo)

R Australia
 I Australia
 E Central Asia
 I Fiji

Family Hydrophiidae

Laticauda crockeri

R Rennel I. (Solomon Is)

Family Typhlopidae

Typhlops monensis

Mona Blind Snake

R Mona I.

Family Viperidae

Bothrops insularis
Crotalus unicolor
Crotalus willardi
Vipera ammodytes transcaucasiana
Vipera bornmuelleri
Vipera bulgardaghica
Vipera kaznakovi
Vipera latifii
Vipera lebetina schweizeri
Vipera raddei
Vipera wagneri

Queimada Island Bothrops
 Aruba Island Rattlesnake
 Ridge-nosed Rattlesnake
 Transcaucasian Long-nosed Viper

R Queimada I. (Brazil)
 R Aruba I.
 T Mexico, U.S.A.
 R Turkey, U.S.S.R.
 I Lebanon, Syria
 I Turkey
 R Turkey, U.S.S.R.
 E Iran
 V Cyclades Is (Greece)
 I Iran, Turkey, U.S.S.R.
 I Iran

Caucasian Viper
 Latifi's Viper
 Lebetine Viper
 Armenian Viper

CLASS AMPHIBIA

Order ANURA

Family Bufonidae

- Bufo boreas nelsoni*
Bufo exsul
Bufo houstonensis
Bufo periglenes
Bufo retiformis
Nectophrynoides occidentalis

- Amargosa Toad
 Black Toad
 Houston Toad
 Golden Toad
 Sonoran Green Toad
 Mount Nimba Viviparous Toad
- I U.S.A.
 R U.S.A.
 E U.S.A.
 E Costa Rica
 V Mexico, U.S.A.
 V Guinea, Ivory Coast

Family Discoglossidae

- Discoglossus nigriventer*
Alytes muletensis

- Israel Painted Frog
 Ferreret
- Ex? Israel
 I Mallorca (Spain)

Family Hylidae

- Hyla andersoni*
Pseudacris streckeri illinoensis

- Pine Barrens Tree Frog
 Illinois Chorus Frog
- R U.S.A.
 I U.S.A.

Family Hyperoliidae

- Tachycnemis seychellensis*

- Seychelles Tree Frog
- R Seychelles

Family Leiopelmatidae

- Leiopelma archeyi*
Leiopelma hamiltoni
Leiopelma hochstetteri

- Archey's Frog
 Hamilton's Frog
 Hochstetter's Frog
- R New Zealand
 R New Zealand
 R New Zealand

Family Leptodactylidae

- Batrachophrynus macrostomus*
Eleutherodactylus jasperi
Somuncuria somuncurensis

- Lake Junin Giant Frog
 Golden Cocqui Frog
- K Peru
 R Puerto Rico
 I Argentina

Family Microhylidae

- Melanobatrachus indicus*

- Black Microhylid
- I India

Family Myobatrachidae

- Philoria frosti*
Rheobatrachus silius
Rheobatrachus vitellinus

- Baw Baw Frog
 Conondale Gastric-brooding Frog
 Eungella Gastric-brooding Frog
- I Australia
 E Australia
 I Australia

Family Pelobatidae					
<i>Pelobates fuscus insubricus</i>	Italian Spadefoot Toad		E	Italy	
Family Pipidae					
<i>Xenopus gilli</i>	Cape Platanna		V	South Africa	
Family Ranidae					
<i>Conraua goliath</i>	Goliath Frog		V	Cameroon, Eq. Guinea	
<i>Nesomantis thomasseti</i>	Thomasset's Seychelles Frog		R	Seychelles	
<i>Platymantis vitianus</i>	Fijian Ground Frog		K	Fiji	
<i>Rana latastei</i>	Italian Agile Frog		V	Italy, Switzerland, Yugoslavia	
<i>Rana fisheri</i>	Vegas Valley Leopard Frog		E	U.S.A.	
<i>Sooglossus gardineri</i>	Gardiner's Seychelles Frog		R	Seychelles	
<i>Sooglossus sechellensis</i>	Seychelles Frog		R	Seychelles	
Order CAUDATA					
Family Ambystomatidae					
<i>Ambystoma tigrinum californiense</i>	California Tiger Salamander		V	U.S.A.	
<i>Ambystoma dumerilii dumerilii</i>	Lake Patzcuaro Salamander		R	Mexico	
<i>Ambystoma lermaensis</i>	Lake Lerma Salamander		R	Mexico	
<i>Ambystoma macrodactylum croceum</i>	Santa Cruz Long-toed Salamander		E	U.S.A.	
<i>Ambystoma mexicanum</i>	Axolotl		R	Mexico	
Family Cryptobranchidae					
<i>Andrias davidianus</i>	Chinese Giant Salamander		I	China	
<i>Andrias japonicus</i>	Japanese Giant Salamander		R	Japan	
Family Hynobiidae					
<i>Batrachuperus mustersi</i>			K	Afghanistan	
Family Plethodontidae					
<i>Batrachoseps aridus</i>	Desert Slender Salamander		E	U.S.A.	
<i>Batrachoseps simatus</i>	Kern Canyon Slender Salamander		R	U.S.A.	
<i>Batrachoseps stebbinsi</i>	Tehachapi Slender Salamander		R	U.S.A.	
<i>Eurycea nana</i>	San Marcos Salamander		R	U.S.A.	
<i>Hydromantes brunus</i>	Limestone Salamander		R	U.S.A.	
<i>Hydromantes shastae</i>	Shasta Salamander		R	U.S.A.	
<i>Phaeognathus hubrichti</i>	Red Hills Salamander		R	U.S.A.	

Plethodon larselli
Plethodon neomexicanus
Plethodon nettingi
Plethodon stormi
Typhlomolge rathbuni
Typhlotriton spelaeus

Family Proteidae
Proteus anguinus

Family Salamandridae
Chioglossa lusitanica
Paramesotriton deloustali

Larch Mountain Salamander
 Jemez Mountains Salamander
 Cheat Mountain Salamander
 Siskiyou Mountains Salamander
 Texas Blind Salamander
 Grotto Salamander

Olm

Gold-striped Salamander
 Vietnamese Salamander

I U.S.A.
 V U.S.A.
 K U.S.A.
 K U.S.A.
 E U.S.A.
 K U.S.A.

V Italy, Yugoslavia

V Portugal, Spain
 I Viet Nam

FISH

CLASS CEPHALASPIDOMORPHI

Order PETROMYZONTIFORMES

Family Petromyzontidae

*Lampetra minima**Mordacia praecox*Miller Lake Lamprey
Non-parasitic LampreyEx [U.S.A.]
R Australia

CLASS OSTEICHTHYES

Order COELACANTHIFORMES

Family Latimeriidae

Latimeria chalumnae

Latimeria

K Comoros, [South Africa]

Order ACIPENSERIFORMES

Family Acipenseridae

*Acipenser brevirostrum**Acipenser fulvescens**Acipenser oxyrhynchus**Acipenser schrencki**Acipenser sturio**Huso dauricus**Scaphirhynchus albus*

Shortnose Sturgeon

Lake Sturgeon

Atlantic Sturgeon

Amur Sturgeon

Common Sturgeon

Kaluga

Pallid Sturgeon

V Canada, U.S.A.

V Canada, U.S.A.

V Canada, U.S.A.

V U.S.S.R.

E Europe

R U.S.S.R.

E U.S.A.

Family Polyodontidae

Polyodon spathula

Paddlefish

I U.S.A.

Order OSTEOGLOSSIFORMES

Family Osteoglossidae

*Arapaima gigas**Scleropages formosus*

Pirarucu

Asian Bonytongue

V Amazon Basin
K South-east Asia

Family Notopteridae

Notopterus blanci

Featherback

R Kampuchea, Thailand

Order CYPRINIFORMES

Family Cyprinidae

*Acanthorutilus handlirschi**Balantiocheilus melanopterus**Barbus andrewi**Barbus burchelli*

Çiçek

Pla Hang Mai

Cape Whitefish

Burchell's Redfin

E Turkey

I South-east Asia

V South Africa

R South Africa

<i>Hybopsis crameri</i>	Oregon Chub	R	U.S.A.
<i>Hybopsis labrosa</i>	Thicklip Chub	R	U.S.A.
<i>Hybopsis monacha</i>	Spotfin Chub	E	U.S.A.
<i>Iotichthys phlegethontis</i>	Least Chub	V	U.S.A.
<i>Labeo fisheri</i>	Green Labeo	E	Sri Lanka
<i>Labeo seeberi</i>	Clanwilliam Sandfish	R	South Africa
<i>Lepidomeda albivallis</i>	White River Spinedace	E	U.S.A.
<i>Lepidomeda altivelis</i>	Pahrnagat Spinedace	Ex	[U.S.A.]
<i>Lepidomeda mollispinis</i>	Virgin Spinedace	V	U.S.A.
<i>Lepidomeda vittata</i>	Little Colorado Spinedace	V	U.S.A.
<i>Meda fulgida</i>	Spikedace	V	U.S.A.
<i>Moapa coriacea</i>	Moapa Dace	V	U.S.A.
<i>Notropis aguirrepequenoi</i>	Pilon Shiner	V	Mexico
<i>Notropis bocagrande</i>	Bigmouth Shiner	V	Mexico
<i>Notropis caeruleus</i>	Blue Shiner	V	U.S.A.
<i>Notropis callitaeonia</i>	Bluestripe Shiner	V	U.S.A.
<i>Notropis formosus</i>	Beautiful Shiner	V	Mexico, U.S.A.
<i>Notropis hubbsi</i>	Bluehead Shiner	R	U.S.A.
<i>Notropis jemezianus</i>	Rio Grande Shiner	I	U.S.A.
<i>Notropis mekistocholas</i>	Cape Fear Shiner	V	U.S.A.
<i>Notropis orca</i>	Phantom Shiner	Ex	[Mexico, U.S.A.]
<i>Notropis perpallidus</i>	Peppered Shiner	V	U.S.A.
<i>Notropis proserpinus</i>	Proserpine Shiner	V	U.S.A.
<i>Notropis saladonis</i>		E	Mexico
<i>Notropis semperasper</i>		R	U.S.A.
<i>Notropis simus</i>	Roughhead Shiner	E	[Mexico], U.S.A.
<i>Notropis welaka</i>	Bluntnose Shiner	R	U.S.A.
<i>Notropis xanthicara</i>	Bluenose Shiner	E	Mexico
<i>Oreodaimon quathlambae</i>	Cuatro Cienegas Shiner	E	Lesotho
<i>Phenacobius teretulus</i>	Drakensberg Minnow	E	U.S.A.
<i>Phoxinus cumberlandensis</i>	Kanawha Minnow	V	U.S.A.
<i>Plagopterus argentiissimus</i>	Blackside Dace	V	U.S.A.
<i>Pogonichthys ciscooides</i>	Woundfin	E	U.S.A.
<i>Pogonichthys macrolepidotus</i>	Clear Lake Splittail	Ex	[U.S.A.]
<i>Probarbus jullieni</i>	Splittail	R	U.S.A.
<i>Ptychocheilus lucius</i>	Ikan Temoleh	K	South-east Asia
<i>Rasbora vateri/floris</i>	Colorado River Squawfish	E	U.S.A.
<i>Relictus solitarius</i>	Vateria Flower Rasbora	V	Sri Lanka
<i>Rhinichthys deaconi</i>	Relict Dace	V	U.S.A.
<i>Rhinichthys oscutus</i> (subspecies)	Las Vegas Dace	Ex	[U.S.A.]
<i>Semotilus lumbee</i>	Speckled Dace	T*	Canada, U.S.A.
	Sandhills Chub	R	U.S.A.

<i>Stypodon signifer</i>	Ex	[Mexico]
<i>Tanakia tanago</i>	E	Japan
<i>Tiaroga cobitis</i>	V	U.S.A.
<i>Tylognathus klalii</i>	E	Turkey
Family Cobiitidae		
<i>Lepidocephalus jonklassi</i>	E	Sri Lanka
<i>Leptobotia curta</i>	E	Japan
Family Catostomidae		
<i>Catostomus bernardini</i>	V	Mexico, U.S.A.
<i>Catostomus fumeiventris</i>	R	U.S.A.
<i>Catostomus luxatus</i>	V	U.S.A.
<i>Catostomus microps</i>	E	U.S.A.
<i>Catostomus warnerensis</i>	E	U.S.A.
<i>Catostomus wigginsi</i>	R	Mexico
<i>Chasmistes brevirostris</i>	E	U.S.A.
<i>Chasmistes cujus</i>	E	U.S.A.
<i>Chasmistes liorus</i>	E	U.S.A.
<i>Chasmistes muriei</i>	Ex	[U.S.A.]
<i>Cycleptus elongatus</i>	V	U.S.A.
<i>Lagochila lacera</i>	Ex	[U.S.A.]
<i>Moxostoma hamiltoni</i>	R	U.S.A.
<i>Moxostoma hubbsi</i>	V	Canada
<i>Xyrauchen texanus</i>	E	U.S.A.
Order CHARACIFORMES		
Family Characidae		
<i>Catabasis acuminatus</i>	E	Brazil
<i>Gymnocharacinus bergi</i>	V	Argentina
Order SILURIFORMES		
Family Diplomystidae		
<i>Diplomystes chilensis</i>	E	Chile
Family Ictaluridae		
<i>Ictalurus mexicanus</i>	R	Mexico
<i>Ictalurus pricei</i>	R	Mexico
<i>Noturus bailei</i>	E	U.S.A.

Family Retropinnidae

Prototroctes maraena
Prototroctes oxyrhynchus

Family Galaxiidae

Galaxias fontanus
Galaxias johnstoni
Galaxias parvus
Galaxias pedderensis
Galaxias postvectis
Galaxias tanycephalus
Neochanna burrowsius
Neochanna diversus

Australian Grayling
New Zealand Greyling

V Australia, Tasmania
Ex [New Zealand]

E Tasmania
E Tasmania
V Tasmania
V Tasmania
I New Zealand
V Tasmania
R New Zealand
I New Zealand

Family Salmonidae

Coregonus alpenae
Coregonus artedii
Coregonus canadensis
Coregonus hoyi
Coregonus johannae
Coregonus kiyi
Coregonus nigripinnis
Coregonus reighardi
Coregonus zenithicus
Salmo apache
Salmo chrysogaster
Salmo clarki (subspecies)
Salmo gillae
Salmo platycephalus
Salvelinus agassizi
Salvelinus confluentus
Stenodus leucichthys leucichthys

Ex [Great Lakes (North America)]
R Great Lakes (North America)
E Great Lakes (North America)
I Great Lakes (North America)
Ex Great Lakes (North America)
V Great Lakes (North America)
V Great Lakes (North America)
V Great Lakes (North America)
V Great Lakes (North America)
V U.S.A.
I Mexico
T* U.S.A.
E U.S.A.
E Turkey
Ex [U.S.A.]
R Canada, U.S.A.
V U.S.S.R.

Longjaw Cisco
Cisco
Atlantic Whitefish
Bloater
Deepwater Cisco
Kiyi
Blackfin Cisco
Shortnose Cisco
Shortjaw Cisco
Apache Trout
Mexican Golden Trout
Cutthroat Trout
Gila Trout
Ala Balik
Silver Trout
Bull Trout

Ozark Cavefish
Northern Cavefish
Alabama Cavefish

V U.S.A.
V U.S.A.
V U.S.A.

Order PERCOPSIFORMES

Family Amblyopsidae

Amblyopsis rosae
Amblyopsis spelaea
Speoplatyrhinus poulsoni

Order CYPRINODONTIFORMES

Family Aplocheilidae

Nothobranchius sp.

Family Rivulidae

Cynolebias boitonei
Cynolebias constanciae
Cynolebias marmoratus
Cynolebias minimus
Cynolebias opalescens
Cynolebias splendidus
Rivulus robustus

Family Fundulidae

Fundulus albolineatus
Fundulus julisia
Fundulus sciadicus
Fundulus waccamensis
Lucania interioris

Family Valenciidae

Valencia hispanica

Family Poeciliidae

Gambusia alvarezi
Gambusia amistadensis
Gambusia gaigei
Gambusia georgei
Gambusia heterochir
Gambusia hurtadoi
Gambusia tongispini
Gambusia nobilis
Micropanchax schoelleri
Poeciliopsis occidentalis
Xiphophorus couchianus
Xiphophorus gordoni

Caprivi Killifish

E Namibia

Brasilia Lyrefin

R Brazil

Ginger Pearlfish

V Brazil

Minute Pearlfish

E Brazil

Opalescent Pearlfish

I Brazil

Splendid Pearlfish

E Brazil

Mexican Rivulus

E Brazil

R Mexico

Whiteline Topminnow

Ex [U.S.A.]

Barrens Topminnow

V U.S.A.

Plains Topminnow

R U.S.A.

Waccamaw Killifish

V U.S.A.

Sardinilla Cuatro Cienegas

V Mexico

Valencia Toothcarp

E Spain

Guayacon de San Gregorio

R Mexico

Amistad Gambusia

Ex [U.S.A.]

Big Bend Gambusia

E U.S.A.

San Marcos Gambusia

Ex? U.S.A.

Clear Creek Gambusia

E U.S.A.

Guayacon de Hacienda Dolores

R Mexico

Guayacon de Cuatro Cienegas

R Mexico

Pecos Gambusia

E U.S.A.

Gila Topminnow

I Egypt

Monterrey Platyfish

V Mexico, U.S.A.

Cuatro Cienegas Platyfish

E Mexico

R Mexico

Family Goodeidae

<i>Allotoca maculata</i>					Mexico
<i>Ataeniobius toweri</i>				V	Mexico
<i>Characodon audax</i>		Opal Goodeid		V	Mexico
<i>Characodon garmani</i>		Striped Goodeid		R	Mexico
<i>Characodon lateralis</i>		Bold Characodon		Ex	[Mexico]
<i>Crenichthys baileyi</i>		Parras Characodon		V	Mexico
<i>Crenichthys nevadae</i>		Rainbow Goodeid		V	U.S.A.
<i>Empetrichthys latos</i>		White River Springfish		V	U.S.A.
<i>Empetrichthys merriami</i>		Railroad Valley Springfish		V	U.S.A.
<i>Girardinichthys multivariatus</i>		Pahrump Killifish		Ex	[U.S.A.]
<i>Girardinichthys viviparus</i>		Ash Meadows Killifish		E	Mexico
<i>Skiffia francescae</i>		Golden Skiffia		E	Mexico
<i>Xenoporphus captivus</i>		Potosi Goodeid		E	Mexico
				R	Mexico

Family Cyprinodontidae

<i>Campellobias brucei</i>		Santa Catarina Sabrefin		E	Brazil
<i>Cualac tessellatus</i>		Media Luna Killie		E	Mexico
<i>Cyprinodon alvarezii</i>		Potosi Pupfish		E	Mexico
<i>Cyprinodon atrorus</i>		Bolson Pupfish		R	Mexico
<i>Cyprinodon beltrani</i>		Blackfin Pupfish		V	Mexico
<i>Cyprinodon bifasciatus</i>		Cuatro Cienegas Pupfish		R	Mexico
<i>Cyprinodon bovinus</i>		Leon Springs Pupfish		E	U.S.A.
<i>Cyprinodon diabolis</i>		Devils Hole Pupfish		E	U.S.A.
<i>Cyprinodon elegans</i>		Comanche Springs Pupfish		E	U.S.A.
<i>Cyprinodon eximius</i>		Conchos Pupfish		V	Mexico, U.S.A.
<i>Cyprinodon fontinalis</i>		Carbonera Pupfish		E	Mexico
<i>Cyprinodon labiosus</i>		Thicklip Pupfish		V	Mexico
<i>Cyprinodon latifasciatus</i>		Parras Pupfish		Ex	[Mexico]
<i>Cyprinodon macrolepis</i>		Bigscale Pupfish		R	Mexico
<i>Cyprinodon macularius</i>		Desert Pupfish		E	Mexico, U.S.A.
<i>Cyprinodon maya</i>		Maya Pupfish		V	Mexico
<i>Cyprinodon meeki</i>		Mezquital Pupfish		V	Mexico
<i>Cyprinodon nevadensis</i>		Amargosa Pupfish		V	U.S.A.
<i>Cyprinodon pachycephalus</i>		Bighead Pupfish		V	Mexico
<i>Cyprinodon radiosus</i>		Owens Pupfish		E	U.S.A.
<i>Cyprinodon simus</i>		Vertical Jaw Pupfish		V	Mexico
<i>Cyprinodon tularosa</i>		White Sands Pupfish		V	U.S.A.
<i>Cyprinodon verucundus</i>		Largefin Pupfish		V	Mexico

<i>Cyprinodon</i> spp.	Perritos de Sandia	Ex?	Mexico
<i>Kosswigichthys asquamatus</i>	Scaless Killifish	V	Turkey
<i>Megupsilon aporus</i>	Caterina Pupfish	E	Mexico
<i>Orestias cuvieri</i>		E	Bolivia
Order BELONIFORMES			
Family Adrianichthyidae			
<i>Adrianichthys kruyti</i>		E	Indonesia
<i>Xenopoeilus poptae</i>		E	Indonesia
<i>Xenopoeilus sarasinorum</i>		E	Indonesia
Order ATHERINIFORMES			
Family Atherinidae			
<i>Menidia conchorum</i>	Key Silverside	R	U.S.A.
<i>Menidia extensa</i>	Waccamaw Silverside	V	U.S.A.
Family Melanotaeniidae			
<i>Melanotaenia eachamensis</i>	Lake Eacham Rainbowfish	V	Australia
<i>Pseudomugil mellis</i>	Honey Blue-eye	V	Australia
Family Phallostethidae			
<i>Phallostethus dunckeri</i>		I	Malaysia
Order SYNGNATHIFORMES			
Family Syngnathidae			
<i>Hippocampus capensis</i>	Knysna Seahorse	V	South Africa
<i>Syngnathus watermayeri</i>	River Pipefish	V	South Africa
Order SYNBRANCHIFORMES			
Family Synbranchidae			
<i>Ophisternon candidum</i>	Blind Cave Eel	I	Australia
Order SCORPAENIFORMES			
Family Cottidae			
<i>Cottus asperimus</i>	Rough Sculpin	R	U.S.A.
<i>Cottus echinatus</i>	Utah Lake Sculpin	Ex	[U.S.A.]
<i>Cottus extensus</i>	Bear Lake Sculpin	R	U.S.A.
<i>Cottus greenei</i>	Shoshone Sculpin	V	U.S.A.
<i>Cottus princeps</i>	Klamath Lake Sculpin	R	U.S.A.
<i>Cottus pygmaeus</i>	Pygmy Sculpin	V	U.S.A.

Order PERCIFORMES

Family Percichthyidae

Maccullochella macquariensis

Maccullochella ikei

Maccullochella n.sp.

Trout Cod
Eastern Freshwater Cod
Mary River Cod

E Australia
E Australia
I Australia

Family Centrarchidae

Ambloplites cavifrons

Micropterus notius

Micropterus treculi

Roanoke Bass
Suwannee Bass
Guadalupe Bass

R U.S.A.
R U.S.A.
V U.S.A.

Family Percidae

Ammocrypta asprella

Ammocrypta pellucida

Etheostoma acuticeps

Etheostoma aquali

Etheostoma australe

Etheostoma boschungii

Etheostoma cinereum

Etheostoma ditrema

Etheostoma fonticola

Etheostoma histrio

Etheostoma kanawhae

Etheostoma luteovinctum

Etheostoma mariaae

Etheostoma microlepidum

Etheostoma moorei

Etheostoma nianguae

Etheostoma nuchale

Etheostoma okaloosae

Etheostoma pallidiorsum

Etheostoma potisi

Etheostoma rubrum

Etheostoma saludaee

Etheostoma sellare

Etheostoma striatulum

Etheostoma trisella

Etheostoma tuscumbia

Perca schrenki

Crystal Darter
Eastern Sand Darter
Sharphead Darter
Coppercheek Darter
Conchos Darter
Slackwater Darter
Ashy Darter
Coldwater Darter
Fountain Darter
Harlequin Darter
Kanawha Darter
Redband Darter
Pinewoods Darter
Smallscale Darter
Yellowcheek Darter
Niangua Darter
Watercress Darter
Okaloosa Darter
Paleback Darter
Mexican Darter
Bayou Darter
Saluda Darter
Maryland Darter
Striated Darter
Trispot Darter
Tuscumbia Darter
Balkhash Perch

R U.S.A.
V Canada, U.S.A.
V U.S.A.
R U.S.A.
V Mexico
V U.S.A.
R U.S.A.
V U.S.A.
E U.S.A.
I U.S.A.
R U.S.A.
R U.S.A.
R U.S.A.
R U.S.A.
R U.S.A.
R U.S.A.
E U.S.A.
V U.S.A.
R U.S.A.
V Mexico
V U.S.A.
R U.S.A.
E U.S.A.
V U.S.A.
V U.S.A.
V U.S.A.
R U.S.S.R.

<i>Percina antesella</i>	Amber Darter	V	U.S.A.
<i>Percina aurolineata</i>	Goldline Darter	V	U.S.A.
<i>Percina burtoni</i>	Blotchside Logperch	R	U.S.A.
<i>Percina cymatotaenia</i>	Bluestripe Darter	R	U.S.A.
<i>Percina jenkinsi</i>	Conasauga Logperch	E	U.S.A.
<i>Percina lenticula</i>	Freckled Darter	R	U.S.A.
<i>Percina macrocephala</i>	Longhead Darter	V	U.S.A.
<i>Percina nasula</i>	Longnose Darter	V	U.S.A.
<i>Percina pantherina</i>	Leopard Darter	V	U.S.A.
<i>Percina rex</i>	Roanoke Logperch	V	U.S.A.
<i>Percina tanasi</i>	Snail Darter	R	U.S.A.
<i>Percina uranidea</i>	Stargazing Darter	R	U.S.A.
<i>Romanichthys valsanicola</i>	Asprete	E	Rumania
Family Sciaenidae			
<i>Totoaba macdonaldi</i>	Totoaba	E	Mexico
Family Cichlidae			
<i>Astatotilapia brevis</i>	Orange-fringed Largemouth	R	South Africa
<i>Cichlasoma bartoni</i>	Mojarra Caracolera	V	Mexico
<i>Cichlasoma labridens</i>	Mojarra	V	Mexico
<i>Cichlasoma minckleyi</i>	Mojarra	V	Mexico
<i>Cichlasoma pantostictum</i>	Mojarra	R	Mexico
<i>Cichlasoma steindachneri</i>	Mojarra	R	Mexico
<i>Konia dikume</i>	Dikume	V	Cameroon
<i>Konia eisentrauti</i>	Konye	V	Cameroon
<i>Mistichthys luzonensis</i>	Sinarapan	V	Philippines
<i>Myaka myaka</i>	Myaka Myaka	V	Cameroon
<i>Pungu maclareni</i>	Pungu	V	Cameroon
<i>Sarotherodon caroli</i>	Fissi	V	Cameroon
<i>Sarotherodon linnellii</i>	Unga	V	Cameroon
<i>Sarotherodon lohbergeri</i>	Leka Keppe	V	Cameroon
<i>Sarotherodon steinbachi</i>	Kululu	V	Cameroon
<i>Serranochromis meridianus</i>	Lowveld Largemouth	R	South Africa
<i>Stomatepia mariae</i>	Nsess	V	Cameroon
<i>Stomatepia mongo</i>	Mongo	V	Cameroon
<i>Stomatepia pindu</i>	Pindu	V	Cameroon
<i>Tilapia guinasana</i>	Otjikoto Tilapia	E	Namibia
<i>haplochromine spp. (c. 250 spp.)</i>	Lake Victoria Cichlids	E	East Africa
<i>tilapiine spp. (2 spp.)</i>	Lake Victoria Cichlids	E	East Africa

Family Mugilidae

Myxus capensis

R South Africa

Freshwater Mullet

Family Eleotridae

Mogurnda n.sp.

Hypseleotris dayi

V Australia

R South Africa

Flinders Gudgeon

Golden Sleeper

Family Gobiidae

Chlamydogobius n.sp.

Croilia mossambica

Eucyclogobius newberryi

Lentipes concolor

Redigobius dewaali

Sicydium stimpsoni

Silhouettea sibayi

Taenioides jacksoni

Elizabeth Springs Goby

Burrowing Goby

Tidewater Goby

O'opu Alamo'o

Checked Goby

O'opu Nopili

Sibayi Goby

Bearded Eelgoby

V Australia

I South Africa

R U.S.A.

V U.S.A.

R South Africa

R U.S.A.

R South Africa

V South Africa

Family Anabantidae

Sandelia bainsii

Eastern Province Rocky

V South Africa

Family Belontiidae

Belontia signata

Malpuluita kretseri

Combtail

Ornate Paradisefish

R Sri Lanka

V Sri Lanka

INVERTEBRATES
other than Insects

Phylum CILIOPHORA

K U.S.A.

Tartar's Stentor

Phylum CNIDARIA

K Mediterranean Sea, North-east Atlantic Ocean

Broad Sea Fan

CT Mediterranean Sea, Pacific Ocean

Precious Corals (20 species)

V U.K., North America

Starlet Sea Anemone

CT Caribbean, Indo-Pacific

Black Coral (c 150 species)

Phylum PLATYHELMINTHES

R U.S.A.
Ex? [Tasmania]
E U.S.A.
E U.S.A.

Malheur Cave Planarian
Lake Pedder Planarian
Holsinger's Groundwater Planarian
Biggers' Groundwater Planarian

CLASS POLYHYMENOPHOREA

Order HETEROTRICHIDA

Family Stentoridae

Stentor introversus

CLASS ANTHOZOA

Order GORGONACEA

Family Plexauridae

Eumicella verrucosa

Family Coralliidae

Corallium

Order ACTINIARIA

Family Edwardsiidae

Nematostella vectensis

Order ANTIPATHARIA

Family Anthipathidae

CLASS TURBELLARIA

Order TRICLADIDA

Family Kenkiidae

Kenkia rhynchida

Romankenkius pedderensis

Sphalloplana holsingeri

Sphalloplana subtilis

CLASS ENOPLA

Order HOPLONEMERTEA

Family Prosorhochmididae

- Antiponemertes allisonae*
Argonemertes australiensis
Argonemertes hillii
Argonemertes stocki
Geonemertes rodericana
Katechonemertes nightingaleensis
Leptonemertes chalicophora
Pantinonemertes agricola
Pantinonemertes enalios
Pantinonemertes winsori

Land Nematodes

V	New Zealand
R	Australia
R	Australia
R	Australia
R	Rodrigues
R	Tristan da Cunha
R	Madeira, Azores, Canary Is
R	Bermuda
K	Australia
K	Australia

Phylum MOLLUSCA

CLASS GASTROPODA

Order ARCHAEOGASTROPODA

Family Turbinidae

- Turbo marmoratus*

Green Snail

CT Indo-Pacific

Family Neritidae

- Neritilia hawaiiensis*

I Hawaii

Order MESOGASTROPODA

Family Valvatidae

- Valvata utahensis*

Utah Roundmouth Snail

I U.S.A.

Family Hydrobiidae

- Amnicola deserta*

- Aphaostracon asthenes*

- Aphaostracon monas*

- Aphaostracon pycnas*

- Aphaostracon xynoeiictus*

- Cincinnatia helicogyra*

- Cincinnatia mica*

- Cincinnatia monroensis*

St George Snail

Blue Spring Aphaostracon

Wekiwa Springs Aphaostracon

Compact Hydrobe Snail

Fenney's Spring Hydrobe Snail

Helicoid Spring Snail

Enterprise Spring Snail

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

<i>Cincinnatia parva</i>	I	Ponderous Spring Snail	U.S.A.
<i>Cincinnatia ponderosa</i>	I	Seminole Spring Snail	U.S.A.
<i>Cincinnatia vanhyningi</i>	I	Wekiwa Spring Snail	U.S.A.
<i>Cincinnatia wekiwae</i>	I	Coahuilix de Hubbs Snail	U.S.A.
<i>Coahuilix hubbsi</i>	V	Phantom Cave Snail	Mexico
<i>Cochliopa texana</i>	I	Miller's Snail	U.S.A.
<i>Cochliopina milleri</i>	V		Mexico
<i>Coxiella striata</i>	I		Tasmania
<i>Durangonella coahuilae</i>	V	Durangonella de Coahuila Snail	Mexico
<i>Fluminicola avernalis</i>	I	Muddy Valley Turban Snail	U.S.A.
<i>Fluminicola erythropoma</i>	E	Point of Rocks Spring Snail	U.S.A.
<i>Fluminicola merriami</i>	I	Pahranagat Valley Turban Snail	U.S.A.
<i>Fluminicola robusta</i>	I	Elk Island Snail	U.S.A.
<i>Fluminicola</i> sp. (3 species)	I		U.S.A.
<i>Fontelicella</i> sp.	V	Roswell Fontelicella	U.S.A.
<i>Fontelicella micrococus</i>	I		U.S.A.
<i>Fontelicella robusta</i>	I		U.S.A.
<i>Fontelicella</i> sp. (2 species)	I		U.S.A.
<i>Fontelicella robusta walkeri</i>	I		U.S.A.
<i>Fonticella neomexicana</i>	I	Socorro Spring Snail	U.S.A.
<i>Glacidorbis pedderi</i>	Ex?		[U.S.A.]
<i>Glacidorbis pawpela</i>	I		Tasmania
<i>Lithoglyphus columbiana</i>	I	Giant Columbia River Spire Snail	Tasmania
<i>Marstonia agarhecta</i>	E		U.S.A.
<i>Marstonia castor</i>	I		U.S.A.
<i>Marstonia ogmoraphe</i>	I	Obese Marstonia Snail	U.S.A.
<i>Marstonia pachyta</i>	I		U.S.A.
<i>Mexipyrigus carranzae</i>	I		U.S.A.
<i>Mexipyrigus churinceanus</i>	I		U.S.A.
<i>Mexipyrigus escobeda</i>	I		U.S.A.
<i>Mexipyrigus lugoi</i>	I		U.S.A.
<i>Mexipyrigus mojarrales</i>	V	Mexipyrigus de Carranza Snail	Mexico
<i>Mexipyrigus multilineatus</i>	V	Mexipyrigus de Churince Snail	Mexico
<i>Mexithauma quadripaludium</i>	V	Mexipyrigus de Escobeda Snail	Mexico
<i>Nymphophilus minckleyi</i>	V	Mexipyrigus de Lugo Snail	Mexico
<i>Paludiscala caramba</i>	V	Mexipyrigus de West El Mojarral Snail	Mexico
<i>Somatogyrus catanotus</i>	V	Mexipyrigus de East El Mojarral Snail	Mexico
<i>Somatogyrus parvulus</i>	V	Mexithauma de Cienegas Snail	Mexico
<i>Somatogyrus tenax</i>	V	Nymphophilus de Minckley Snail	Mexico
<i>Stiobia nana</i>	V	Paludiscala de Oro Snail	Mexico
	I		U.S.A.
	I		U.S.A.
	I		U.S.A.
	I		U.S.A.

<i>Tryonia cheatumi</i>			I	U.S.A.
<i>Tryonia clathrata</i>			I	U.S.A.
<i>Tryonia imitator</i>			I	U.S.A.
<i>Tryonia</i> n.sp. (6 species)			I	U.S.A.
Family Assimineidae				
<i>Assimineae infirma</i>			I	U.S.A.
<i>Assimineae</i> sp.			V	U.S.A.
Family Pleuroceridae				
<i>Apella alabamensis</i>			Ex	U.S.A.
<i>Apella babylonica</i>			Ex	U.S.A.
<i>Athearni anthonyi</i>			Ex	U.S.A.
<i>Athearni crassa</i>			I	U.S.A.
<i>Elinia albanyensis</i>			I	U.S.A.
<i>Goniobasis albanyensis</i>			I	U.S.A.
<i>Io arwigera arwigera</i>			E	U.S.A.
<i>Io fluvialis</i>			V	U.S.A.
<i>Leptoxis crassa</i>			I	U.S.A.
<i>Leptoxis praerosa</i>			Ex	U.S.A.
<i>Leptoxis subumbilicata</i>			I	U.S.A.
<i>Lithasia armigera</i>			I	U.S.A.
<i>Lithasia duttoniana</i>			I	U.S.A.
<i>Lithasia geniculata</i>			I	U.S.A.
<i>Lithasia jayana</i>			E	U.S.A.
<i>Lithasia lima</i>			E	U.S.A.
<i>Lithasia salebrosa</i>			E	U.S.A.
<i>Lithasia verrucosa</i>			I	U.S.A.
Family Strombidae				
<i>Strombus gigas</i>			CT	Caribbean
Family Cymatidae				
<i>Charonia tritonis</i>			R	Indo-Pacific
Order GYMNOSOMATA				
Family Corambidae				
<i>Doridella batava</i>			K	Netherlands
Cheatum's Snail				
White River Snail				
California Brackish Water Snail				
Badwater Snail				
Pecos Assiminea Snail				
Anthony's River Snail				
Crass River Snail				
Albany River Snail				
Spiny River Snail				
Mainstream River Snail				
Armigerous River Snail				
Dutton's River Snail				
Geniculate River Snail				
Jay's River Snail				
Elk River File Snail				
Rugged River Snail				
Verrucose File Snail				
Queen Conch				
Triton's Trumpet				
Zuiderzee Doridella Sea Slug				

Order BASOMMATOPHORA**Family Lymnaeidae**

Lymnaea kingii
Myxas glutinosa
Stagnicola pilsbryi

Utah Band Snail
 Glutinous Snail
 Fish Springs Pond Snail

I U.S.A.
 V Europe
 I U.S.A.

Family Laniidae

Fisherola nuttalli

Giant Columbia River Limpet

I U.S.A.

Family Physidae

Physa spelunca
Physa utahensis
Physa zionis
Physa sp.
Physa virgata
Stenophysa microstriata

Wyoming Cave Snail
 Utah Bubble Snail
 Zion Canyon Snail
 Snake River Physa Snail
 Fish Lake Snail

I U.S.A.
 I U.S.A.
 I U.S.A.
 V U.S.A.
 I U.S.A.
 I U.S.A.

Family Planorbidae

Ancylastrum cumingianus
Helisoma jacksonense
Helisoma magnificum
Segmentina nitida
Taphius eucosmius eucosmius

Tasmanian Freshwater 'Limpet'
 Jackson Lake Snail
 Cape Fear Ramshorn Snail
 Greenfield Ramshorn Snail

E Tasmania
 I U.S.A.
 I U.S.A.
 V Europe
 I U.S.A.

Order STYLOMMATOPHORA**Family Achatinellidae**

Achatinella (41 species)

22 species Little Agate Shells
 19 species Little Agate Shells

Ex [Hawaii]
 E Hawaii
 E Hawaii

Partulina confusa

Partulina crassa

Partulina fusoides

Partulina montagui

Partulina perdix

Partulina splendida

Perdicella kuhnsi

Ex [Hawaii]
 E Hawaii
 E Hawaii
 V Hawaii
 Ex [Hawaii]
 V Hawaii
 V Hawaii
 E/V Hawaii

Family Partulididae

Partula aurantia
Partula exigua

Ex Moorea)
 Ex Moorea)

Partula gibba E Guam
Partula hebe E Society Is
Partula mirabilis Ex Moorea
Partula mooreana Ex Moorea
Partula radiolata K Guam
Partula salifana K Guam
Partula suturalis Ex Moorea
Partula taeniata Ex Moorea
Partula tohiveana Ex Moorea
Samoana abbreviata Ex Moorea
Samoana diaphana Ex Moorea
Samoana solitaria Ex Moorea

Short Samoan Tree Snail

I American Samoa
E Society Is
E Society Is

Family Amastridae

Carelia (all species)
Thaanumia sp.

Ex [Hawaii]
Ex? [Hawaii]

Family Pupillidae

Leiostyla abbreviata V Madeira
Leiostyla cassida V Madeira
Leiostyla corneocostata V Madeira
Leiostyla gibba V Madeira
Leiostyla lamellosa V Madeira
Sterkia clementina I U.S.A.

San Clemente Island Blunt-top Snail

Family Vertiginidae

Vertigo alabamensis I U.S.A.
Vertigo angustior V Europe
Vertigo genesii V Europe
Vertigo geyeri V Europe
Vertigo hebardei I U.S.A.
Vertigo moulinsiana V Europe

Family Clausiliidae

Balea perversa V Europe

Family Succineidae

Catinella arenaria V Europe
Oxytoma haydeni kanabensis I U.S.A.
Oxytoma sarsi V Europe

Kanab Amber Snail

Family Streptaxidae			
<i>Gulella plantii</i>	Plant's Gulella Snail	V	South Africa
Family Rhytididae			
<i>Paryphanta busbyi</i>	Kauri Amber Snail	V	New Zealand
<i>Paryphanta compta</i>		V	New Zealand
<i>Paryphanta fletcheri</i>		V	New Zealand
<i>Paryphanta gilliesi</i>		V	New Zealand
<i>Paryphanta hochstetteri</i>		V	New Zealand
<i>Paryphanta lignaria</i>		V	New Zealand
<i>Paryphanta rossiana</i>		V	New Zealand
<i>Paryphanta traversi</i>		V	New Zealand
Family Acavidae			
<i>Anoglypta launcestonensis</i>	Granulated Tasmanian Snail	E	Tasmania
Family Bulimulidae			
<i>Bulimulus</i> (31 endemic species)		E	Galapagos Is
<i>Placostylus ambagiosus</i>		V	New Zealand
<i>Placostylus bollonsi</i>		V	New Zealand
<i>Placostylus hongii</i>	Flax Snail	V	New Zealand
Family Arionidae			
<i>Binneya notabilis</i>	Slug Snail	V	U.S.A.
<i>Geomalacus maculosus</i>	Kerry Slug	R	Ireland
Family Endodontidae			
<i>Anguispira picta</i>	Painted Snake-coiled Forest Snail	V	U.S.A.
<i>Discus defloratus</i>		V	Madeira
<i>Discus guerinianus</i>		V	Madeira
<i>Discus macclintocki</i>	Iowa Pleistocene Snail	E	U.S.A.
<i>Discus marmorensis</i>		I	U.S.A.
<i>Thaumatodon hystricelloides</i>		E	Western Samoa
Family Helicodiscidae			
<i>Helicodiscus diadema</i>		I	U.S.A.
<i>Helicodiscus hexodon</i>		I	U.S.A.
<i>Polygyriscus virginianus</i>		E	U.S.A.

Family Helicarionidae					
<i>Diastole matafaoi</i>	Mount Matafao Different Snail	I		American Samoa	
Family Zonitidae					
<i>Glyphyalinia pecki</i>		I		U.S.A.	
<i>Paravitrea clappi</i>		I		U.S.A.	
Family Polygyridae					
<i>Ashmunella pasonis</i>		I		U.S.A.	
<i>Mesodon archeri</i>	Archer's Toothed Land Snail	I		U.S.A.	
<i>Mesodon clarki nantahala</i>	Noonday Snail	V		U.S.A.	
<i>Mesodon clausus trossulus</i>		I		U.S.A.	
<i>Mesodon clenchi</i>	Clench's Middle-toothed Land Snail	I		U.S.A.	
<i>Mesodon jonesianus</i>		I		U.S.A.	
<i>Mesodon magazzinensis</i>	Magazine Mountain Middle-toothed Snail	I		U.S.A.	
<i>Polygyra hippocrepis</i>		I		U.S.A.	
<i>Polygyra peregrina</i>	Strange Many-whorled Land Snail	I		U.S.A.	
<i>Polygyriscus virginianus</i>	Virginia Fringed Mountain Snail	E		U.S.A.	
<i>Stenotrema hubrichti</i>		I		U.S.A.	
<i>Stenotrema leai cheatumi</i>		I		U.S.A.	
<i>Stenotrema pilsbryi</i>	Pilsbry's Narrow-apertured Land Snail	I		U.S.A.	
<i>Triodopsis mullani magnidentata</i>		I		U.S.A.	
<i>Triodopsis occidentalis</i>	Western Three-toothed Land Snail	I		U.S.A.	
<i>Triodopsis platysayoides</i>	Flat-spined Three-toothed Snail	E		U.S.A.	
<i>Vespericola karokorum</i>	Karok Indian Snail	V		U.S.A.	
Family Ammonitellidae					
<i>Ammonitella yatesi</i>	Yate's Snail	I		U.S.A.	
Family Camaenidae					
<i>Papustyla pulcherrima</i>	Manus Green Tree Snail	R		Papua New Guinea	
Family Oreohelicidae					
<i>Oreohelix avaloensis</i>		I		U.S.A.	
<i>Oreohelix idahoensis idahoensis</i>	Idaho Banded Mountain Snail	V		U.S.A.	
<i>Oreohelix jugalis intersum</i>		R		U.S.A.	
<i>Oreohelix jugalis jugalis</i>		V		U.S.A.	
<i>Oreohelix jugalis vortex</i>	Vortex Banded Mountain Snail	R		U.S.A.	
<i>Oreohelix peripherica weberiana</i>	Coalville Mountain Snail	I		U.S.A.	

<i>Oreohelix strigosa goniogyra</i>	Carinated Striate Banded Mountain Snail	R	U.S.A.
<i>Oreohelix vortex</i>		R	U.S.A.
<i>Oreohelix waltoni</i>	Walton's Banded Mountain Snail	I	U.S.A.
Family Helminthoglyptidae			
<i>Helminthoglypta allynsmithi</i>	Allyn Smith's Banded Snail	I	U.S.A.
<i>Helminthoglypta arrosa mattolensis</i>		I	U.S.A.
<i>Helminthoglypta arrosa miwoka</i>		I	U.S.A.
<i>Helminthoglypta arrosa pomoensis</i>		I	U.S.A.
<i>Helminthoglypta arrosa williamsi</i>		I	U.S.A.
<i>Helminthoglypta callistoderma</i>		I	U.S.A.
<i>Helminthoglypta mohaveana</i>		I	U.S.A.
<i>Helminthoglypta nickliniana awania</i>	Nicklin's Peninsula Snail	I	U.S.A.
<i>Helminthoglypta nickliniana bridgesi</i>		I	U.S.A.
<i>Helminthoglypta nickliniana contracosta</i>		I	U.S.A.
<i>Helminthoglypta sequicola consors</i>		I	U.S.A.
<i>Helminthoglypta traski coelata</i>		I	U.S.A.
<i>Helminthoglypta walkeriana</i>	Banded Dune Snail	V	U.S.A.
<i>Micrarionta facta</i>	Concentrated Snail	V	U.S.A.
<i>Micrarionta feralis</i>	Fraternal Snail	I	U.S.A.
<i>Micrarionta gabbi</i>	Gabb's Snail	I	U.S.A.
<i>Micrarionta immaculata</i>		I	U.S.A.
<i>Micrarionta indiaensis cathedralis</i>		I	U.S.A.
<i>Micrarionta intercisa</i>		I	U.S.A.
<i>Micrarionta morongoana</i>	Colorado Desert Snail	I	U.S.A.
<i>Micrarionta opuntia</i>	Prickly Pear Snail	I	U.S.A.
<i>Micrarionta redimita</i>		I	U.S.A.
<i>Micrarionta rowelli bakerensis</i>		I	U.S.A.
<i>Micrarionta rowelli mccoiana</i>	California McCoy Snail	I	U.S.A.
<i>Monadenia circumcarinata</i>		I	U.S.A.
<i>Monadenia fidelis minor</i>		I	U.S.A.
<i>Monadenia fidelis pronotis</i>	Rocky Coast Snail	I	U.S.A.
<i>Monadenia hillebrandi yosemitensis</i>	Indian Yosemite Snail	I	U.S.A.
<i>Monadenia hirsutis</i>		I	U.S.A.
<i>Monadenia monbritoni</i>		I	U.S.A.
<i>Monadenia mormonum buttoni</i>		I	U.S.A.
<i>Monadenia mormonum hirsuta</i>		I	U.S.A.
<i>Monadenia selosci</i>		I	U.S.A.
<i>Monadenia setosa</i>	Trinity Bristle Snail	E	U.S.A.

Monadenis troglodytes
Sonorella eremita
Sonorella metcalfi

Family Helicidae

Caseolus calculus
Caseolus commixta
Caseolus sphaerula
Discula leacockiana
Discula tabellata
Discula testudinalis
Discula turricula
Geomitra moniziana
Helix pomatia
Helix subplicata
Helix tryoni

Family Elonidae

Elona quimperiana

CLASS BIVALVIA

Succinea chittenangoensis
Orthalicus reses

Order PTERIOIDA

Family Pteriidae

Pinctada margaritifera
Pinctada maxima

Order UNIONOIDA

Family Unionidae

Alasmidonta arcuata
Alasmidonta atropurpurea
Alasmidonta heterodon
Alasmidonta raveneliana
Alasmidonta robusta
Alasmidonta wrightiana
Arkansia wheeleri

I U.S.A.
 I U.S.A.
 I U.S.A.
 V Madeira
 V Madeira
 V Madeira
 V Madeira
 V Madeira
 V Madeira
 V Madeira
 V Madeira
 R Europe
 V Madeira
 I U.S.A.

R France, Spain

V U.S.A.
 V U.S.A.

CT Indo-Pacific
 CT Indo-Pacific

I U.S.A.
 I U.S.A.
 E U.S.A.
 E U.S.A.
 E U.S.A.
 I U.S.A.
 E U.S.A.

Escargot de Quimper

Chittenango Ovate Amber Snail
 Stock Island Snail

Black-lipped Pearl Oyster
 Gold-lipped Pearl Oyster

Dwarf Wedge Mussel

Wheeler's Pearly Mussel

<i>Canthytia collina</i>	James River Spiny Mussel	V	U.S.A.
<i>Canthytia spinosa</i>	Savannah Shore Mussel	I	U.S.A.
<i>Carunculina pulla</i>	Birdwing Pearly Mussel	R	U.S.A.
<i>Conradilla caelata</i>	Western Fan-shell Pearly Mussel	E	U.S.A.
<i>Cyrogenia aberti</i>	Eastern Fan-shell Pearly Mussel	E	U.S.A.
<i>Cyrogenia irrorata</i>	Tampico Pearly Mussel	I	U.S.A.
<i>Cyrtoniais tampicoensis tecomatensis</i>		E	Mexico
<i>Dromus dromas</i>	Dromedary Pearly Mussel	E	U.S.A.
<i>Elliptio marsupiobesa</i>	Cape Fear Spike Pearly Mussel	I	U.S.A.
<i>Elliptio nigella</i>	Recovery Pearly Mussel	Ex	[U.S.A.]
<i>Elliptio spinosa</i>	Georgia Spiny Mussel	R	U.S.A.
<i>Elliptio steinstansana</i>	Tar River Spiny Mussel	E	U.S.A.
<i>Elliptio waccamawensis</i>	Waccamaw Spike	R	U.S.A.
<i>Elliptio</i> sp.	Waccamaw Lake Pearly Mussel	I	U.S.A.
<i>Epioblasma arcaeformis</i>	Arc-form Pearly Mussel	Ex?	[U.S.A.]
<i>Epioblasma biemarginata</i>		Ex	[U.S.A.]
<i>Epioblasma brevidens</i>		E	U.S.A.
<i>Epioblasma capsaeformis</i>		E	U.S.A.
<i>Epioblasma curtisi</i>		I	U.S.A.
<i>Epioblasma flexuosa</i>	Arcuate Pearly Mussel	Ex	[U.S.A.]
<i>Epioblasma florentina curtisi</i>	Curtis Pearly Mussel	Ex?	[U.S.A.]
<i>Epioblasma florentina florentina</i>	Yellow-blossom Pearly Mussel	E	U.S.A.
<i>Epioblasma haystana</i>	Acorn Pearly Mussel	E	U.S.A.
<i>Epioblasma lefevrei</i>	Lefevre's Pearly Mussel	Ex	[U.S.A.]
<i>Epioblasma lenior</i>	Stone's Pearly Mussel	Ex	[U.S.A.]
<i>Epioblasma lewisi</i>	Lewis Pearly Mussel	Ex?	[U.S.A.]
<i>Epioblasma metastrata</i>		E	U.S.A.
<i>Epioblasma othcaloogensis</i>	Southern Acorn Riffle Shell	E	U.S.A.
<i>Epioblasma penita</i>	Penitent Mussel	E	U.S.A.
<i>Epioblasma personata</i>	Fine-rayed Pearly Mussel	Ex	[U.S.A.]
<i>Epioblasma propinqua</i>	Nearby Pearly Mussel	Ex	[U.S.A.]
<i>Epioblasma sampsoni</i>	Sampson's Pearly Mussel	E	U.S.A.
<i>Epioblasma stewardsoni</i>	Steward's Pearly Mussel	Ex	[U.S.A.]
<i>Epioblasma sulcata delicata</i>	White Cat's Paw Mussel	E	U.S.A.
<i>Epioblasma sulcata sulcata</i>	Purple Cat's Paw Mussel	E	U.S.A.
<i>Epioblasma torulosa gubernaculum</i>	Green-blossom Pearly Mussel	E	U.S.A.
<i>Epioblasma torulosa rangiana</i>	Tan-blossom Pearly Mussel	E	U.S.A.
<i>Epioblasma torulosa torulosa</i>	Tubercled-blossom Pearly Mussel	E	Canada, U.S.A.
<i>Epioblasma triquetra</i>	Snuffbox	V	U.S.A.

<i>Epioblasma turgidula</i>	E	Turgid-blossom Pearly Mussel	U.S.A.
<i>Epioblasma walkeri</i>	E	Tan Rifle Shell Mussel	U.S.A.
<i>Fusconia collina</i>	I	Virginia Spiny Mussel	U.S.A.
<i>Fusconia cuneolus</i>	E	Fine-rayed Pigtoe Pearly Mussel	U.S.A.
<i>Fusconia edgariana</i>	E	Shiny Pigtoe Pearly Mussel	U.S.A.
<i>Hemistena lata</i>	E	Cracking Pearly Mussel	U.S.A.
<i>Lampsilis dolabraeformis</i>	Ex?		[U.S.A.]
<i>Lampsilis fasciola</i>	Ex	Higgin's Eye Pearly Mussel	[U.S.A.]
<i>Lampsilis higginsii</i>	E		U.S.A.
<i>Lampsilis hostonia</i>	Ex		[U.S.A.]
<i>Lampsilis orbiculata</i>	E	Pink Mucket Pearly Mussel	U.S.A.
<i>Lampsilis perovalis</i>	I		U.S.A.
<i>Lampsilis rafinesqueana</i>	E	Neosho Pearly Mussel	U.S.A.
<i>Lampsilis streckeri</i>	I		U.S.A.
<i>Lampsilis virescens</i>	E	Alabama Lamp Pearly Mussel	U.S.A.
<i>Lasmigona holstonia</i>	I		U.S.A.
<i>Leptodea leptodon</i>	I	Scale Shell	U.S.A.
<i>Lexingtoni dolabelloides</i>	I	Slab-side Pearly Mussel	U.S.A.
<i>Megaloniais nicklineana</i>	E	Nicklin's Pearly Mussel	Mexico
<i>Obovaria retusa</i>	I	Golf Stick Pearly Mussel	U.S.A.
<i>Pegias fabula</i>	E	Little Winged Pearly Mussel	U.S.A.
<i>Plectomeris dombeyana</i>	Ex		[U.S.A.]
<i>Plethobasus cicatricosus</i>	E	White Warty Back Pearly Mussel	U.S.A.
<i>Plethobasus cooperianus</i>	E	Cumberland Pigtoe	U.S.A.
<i>Pleurobema clava</i>	I	Northern Club Shell	U.S.A.
<i>Pleurobema curtum</i>	E	Curtus' Mussel	U.S.A.
<i>Pleurobema marshalli</i>	E	Marshall's Mussel	U.S.A.
<i>Pleurobema oviforme</i>	I		U.S.A.
<i>Pleurobema plenum</i>	E		U.S.A.
<i>Pleurobema rubrum</i>	I		U.S.A.
<i>Pleurobema taitianum</i>	E	Rough Pigtoe Pearly Mussel	U.S.A.
<i>Potamilus capax</i>	E	Judge Tait's Mussel	U.S.A.
<i>Potamilus inflatus</i>	E	Fat Pocketbook	U.S.A.
<i>Quadrula cylindrica strigillata</i>	I		U.S.A.
<i>Quadrula fragosa</i>	Ex	Rough Rabbit's Foot Pearly Mussel	U.S.A.
<i>Quadrula intermedia</i>	E	Rough Maple Leaf Pearly Mussel	U.S.A.
<i>Quadrula sparsa</i>	E	Cumberland Monkeyface Pearly Mussel	U.S.A.
<i>Quadrula stapes</i>	E	Appalachian Monkey Face Pearly Mussel	U.S.A.
<i>Simpsonia ambigua</i>	I	Stirrup Shell	U.S.A.
<i>Simpsoniconcha ambigua</i>	I	Salamander Mussel	U.S.A.

<i>Toxolasma cylindrella</i>	Pale Lilliput Pearly Mussel	I	U.S.A.
<i>Villosa choctawensis</i>	Choctaw Pearly Mussel	I	U.S.A.
<i>Villosa fabalis</i>		I	U.S.A.
<i>Villosa ortmanni</i>	Ortmann's Pearly Mussel	R	U.S.A.
<i>Villosa perpurea</i>	Fine-rayed Purple Pearly Mussel	I	U.S.A.
<i>Villosa trabalis</i>	Cumberland Bean Pearly Mussel	E	U.S.A.
Family Margaritiferidae			
<i>Cumberlandia monodonta</i>	Spectacle Case Pearly Mussel	I	U.S.A.
<i>Margaritifera auricularia</i>	Spengler's Freshwater Mussel	I	Europe
<i>Margaritifera margaritifera</i>	Freshwater Pearl Mussel	V	Europe, North America
<i>Margaritifera marrianae</i>	Alabama Pearl Shell	I	U.S.A.
Order VENEROIDA			
Family Tridacnidae			
<i>Hippopus hippopus</i>	Horse's Hoof Clam	I	Indo-Pacific
<i>Hippopus porcellanus</i>	China Clam	I	Indo-Pacific
<i>Tridacna crocea</i>	Crocus Clam	K	Indo-Pacific
<i>Tridacna derasa</i>	Southern Giant Clam	V	Indo-Pacific
<i>Tridacna gigas</i>	Giant Clam	V	Indo-Pacific
<i>Tridacna maxima</i>	Small Giant Clam	K	Indo-Pacific
<i>Tridacna squamosa</i>	Scaly Clam	I	Indo-Pacific
Family Sphaeriidae			
<i>Pisidium ultramontanum</i>		I	U.S.A.
Family Hyriidae			
<i>Velesunio moretonicus</i>		I	Tasmania
Family Caryodidae			
<i>Anoglypta launcestonensis</i>		I	Tasmania

CLASS POLYCHAETA

Order EUNICIDA

Family Eunicidae

Eunice viridis

Palolo Worm

K Pacific

CLASS HIRUDINOIDEA

Order ARHYNCHOBDELLAE

Family Hirudinidae

Hirudo medicinalis

Medicinal Leech

I Europe

CLASS OLIGOCHAETA

Order HAPLOTAXIDA

Family Megascolecidae

*Megascolides americanus**Megascolides australis**Megascolides macelfreshi*

Washington Giant Earthworm

Giant Gippsland Earthworm

Oregon Giant Earthworm

E U.S.A.

V Australia

E U.S.A.

Family Acanthodrilidae

Chilota (13 species)*Diptotrema* (16 species)*Microscolex* (9 species)*Udeina* (59 species)

South African Acanthodriline Earthworms

V South Africa

V South Africa

V South Africa

V South Africa

Family Microchaetidae

Microchaetus (33 species)*Tritogenia* (5 species)

South African Giant Earthworms

V South Africa

V South Africa

Family Lutodrilidae

Lutodrilus multivesiculatus

R U.S.A.

Family Komarekionidae

Komarekiona eatoni

V U.S.A.

Phylum ARTHROPODA
Subphylum CHELICERATA

CLASS MEROSTOMATA

Order XIPHOSURA

Family Limulidae

*Carcinoscorpius rotundicauda**Limulus polyphemus**Tachypleus gigas**Tachypleus tridentatus*

Horseshoe Crabs

K Coastal waters - Japan to Indonesia
K Atlantic coast of North America
K Coastal waters - Japan to Indonesia
K Coastal waters - Japan to Indonesia

CLASS ARACHNIDA

Order ARANEAE

Family Theraphosidae

Brachypelma smithi

Red-kneed Tarantula

K Mexico

Family Dipluridae

*Macrothele calpetana**Macrothele cretica*

V Spain

I Crete

Family Ctenizidae

Cyclocosimia torreyi

I U.S.A.

Family Telemidae

Telema (whole genus)

I U.S.A.

Family Eresidae

Eresus niger

Ladybird Spider

I Europe

Family Linyphiidae

*Troglophantes gracilis**Troglophantes similis**Troglophantes spinipes*

Kocevje Subterranean Spider

Kocevje Subterranean Spider

Kocevje Subterranean Spider

R Yugoslavia

R Yugoslavia

R Yugoslavia

Family Asauridae

Dolomedes plantarius

Great Raft Spider

V Northern Europe

Family Araneidae

Meta dolloff

I U.S.A.

Family Gnaphosidae

Cesonia irvingi

I Bahamas, U.S.A.

Family Lycosidae

Adelocosa anops

Lycosa ericeticola

Pardosa diuturna

Sosippus placidus

No-eyed Big-eyed Wolf Spider

E U.S.A.

I U.S.A.

R U.S.A.

I U.S.A.

Glacier Bay Wolf Spider

Order PSEUDOSCORPIONIDA

Family Neobisiidae

Microcreagris imperialis

I U.S.A.

Order OPILIONES

Family Phalangodidae

Banksula melones

Melones Bay Harvestman

V U.S.A.

CLASS CRUSTACEA

Subphylum CRUSTACEA

Order ANOSTRACA

Family Artemiidae

Artemia monica

Mono Lake Brine Shrimp

I U.S.A.

Family Branchinectidae

Branchinecta gigas

Branchinecta patulosa

Giant Fairy Shrimp

I Western North America

R Czechoslovakia

Order THORACICA

Family Balanidae

Armatobalanus nefrens

Balanus aquila

I U.S.A.

I U.S.A.

Order ANASPIDACEA

Family Anaspidae

Allanaspides hetonomus

Allanaspides hickmani

Anaspides spinulæ

V Tasmania

V Tasmania

V Tasmania

<i>Anaspides tasmaniae</i>	V	Tasmania
<i>Paranaspides lacustris</i>	V	Tasmania
Family Koonungidae		
<i>Koonunga cursor</i>	R	Tasmania, Australia
<i>Micraspides calmani</i>	R	Tasmania
Family Psammaspidae		
<i>Eucrenonaspides oinotheke</i>	V	Tasmania
Order ISOPODA		
Family Cirolanidae		
<i>Antrolana lira</i>	V	U.S.A.
<i>Arubolana imula</i>	I	Netherlands
<i>Mexilana saluposi</i>	K	Mexico
<i>Speocirolana affinis</i>	K	Mexico
<i>Speocirolana interstitialis</i>	K	Mexico
<i>Speocirolana thermydromis</i>	K	Mexico
Family Sphaeromatidae		
<i>Thermosphaeroma dugesi</i>	K	Mexico
<i>Thermosphaeroma milleri</i>	K	Mexico
<i>Thermosphaeroma smithi</i>	K	Mexico
<i>Thermosphaeroma subequalum</i>	K	Mexico
<i>Thermosphaeroma thermophilum</i>	E	U.S.A.
Socorro Isopod		
Family Trichoniscidae		
<i>Metatriconiscoides cellicus</i>	V	U.K.
Family Styloniscidae		
<i>Styloniscus</i> sp.	I	Tasmania
Family Scyphacidae		
<i>(Haloniscus searlei)</i>	I	Tasmania
Family Armadillidae		
<i>Echinodillo cavaticus</i>	I	Tasmania

Family Phreatoicidae			
<i>Mesacanthotelson setosis</i>		I	Tasmania
<i>Onchotelson brevicaudatus</i>		I	Tasmania
<i>Onchotelson spatulatus</i>		I	Tasmania
<i>Uramphisopus pearsoni</i>		I	Tasmania
Family Asellidae			
<i>Caecidotea barri</i>	Clifton Cave Isopod	I	U.S.A.
<i>Caecidotea macropoda</i>	Bat Cave Isopod	I	U.S.A.
<i>Caecidotea nickajackensis</i>	Nickajack Cave Isopod	I	U.S.A.
<i>Lirceus culveri</i>	Rye Cove Cave Isopod	I	U.S.A.
<i>Lirceus usdagalun</i>	Lee County Cave Isopod	I	U.S.A.
Family Stenasellidae			
<i>Mexistenasellus coahuila</i>		I	Mexico
<i>Mexistenasellus parzefalli</i>	Parzefall's Stenasellid	R	Mexico
<i>Mexistenasellus wilkensi</i>	Wilkens' Stenasellid	R	Mexico
Order AMPHIPODA			
Family Gammaridae			
<i>Gammarus acherondytes</i>	Illinois Cave Amphipod	I	U.S.A.
<i>Gammarus bousfieldi</i>	Bousfield's Amphipod	I	U.S.A.
<i>Gammarus desperatus</i>	Noel's Amphipod	I	U.S.A.
<i>Gammarus hyaliteioides</i>	Diminutive Amphipod	I	U.S.A.
<i>Gammarus pecos</i>	Pecos Amphipod	I	U.S.A.
Family Crangonyctidae			
<i>Allocrangonyx hubrichti</i>	Central Missouri Cave Amphipod	I	U.S.A.
<i>Allocrangonyx pellucidus</i>	Oklahoma Cave Amphipod	I	U.S.A.
<i>Crangonyx dearolfi</i>	Pennsylvania Cave Amphipod	I	U.S.A.
<i>Crangonyx grandimanus</i>	Florida Cave Amphipod	I	U.S.A.
<i>Crangonyx hobbsi</i>	Hobb's Cave Amphipod	I	U.S.A.
<i>Stygobromus araeus</i>	Tidewater Interstitial Amphipod	I	U.S.A.
<i>Stygobromus arizonensis</i>	Arizona Cave Amphipod	I	U.S.A.
<i>Stygobromus balconius</i>	Balcones Cave Amphipod	I	U.S.A.
<i>Stygobromus barri</i>	Barr's Cave Amphipod	I	U.S.A.
<i>Stygobromus bifurcatus</i>	Bifurcated Cave Amphipod	I	U.S.A.
<i>Stygobromus bowmani</i>	Bowman's Cave Amphipod	I	U.S.A.
<i>Stygobromus clantoni</i>	Clanton's Cave Amphipod	I	U.S.A.
<i>Stygobromus conradi</i>	Burnsville Cove Cave Amphipod	I	U.S.A.

<i>Stygobromus cooperi</i>	Cooper's Cave Amphipod	I	U.S.A.
<i>Stygobromus dejectus</i>	Cascade Cave Amphipod	I	U.S.A.
<i>Stygobromus elatus</i>	Elevated Spring Amphipod	I	U.S.A.
<i>Stygobromus emarginatus</i>	Greenbrier Cave Amphipod	I	U.S.A.
<i>Stygobromus ephemerus</i>	Ephemeral Cave Amphipod	I	U.S.A.
<i>Stygobromus flagellatus</i>	Ezell's Cave Amphipod	I	U.S.A.
<i>Stygobromus gradyi</i>	Grady's Cave Amphipod	I	U.S.A.
<i>Stygobromus hadenoecus</i>	Devil's Sinkhole Amphipod	I	U.S.A.
<i>Stygobromus harai</i>	Hara's Cave Amphipod	I	U.S.A.
<i>Stygobromus hayi</i>	Hay's Spring Amphipod	I	U.S.A.
<i>Stygobromus heteropodus</i>	Pickle Springs Amphipod	I	U.S.A.
<i>Stygobromus hubbsi</i>	Malheur Cave Amphipod	I	U.S.A.
<i>Stygobromus identatus</i>	Tidewater Stygonectid Amphipod	I	U.S.A.
<i>Stygobromus longipes</i>	Long-legged Cave Amphipod	I	U.S.A.
<i>Stygobromus lucifugus</i>	Rubious Cave Amphipod	Ex	[U.S.A.]
<i>Stygobromus mackenziei</i>	Mackenzie's Cave Amphipod	I	U.S.A.
<i>Stygobromus montanus</i>	Mountain Cave Amphipod	I	U.S.A.
<i>Stygobromus morrisoni</i>	Morrison's Cave Amphipod	I	U.S.A.
<i>Stygobromus mundus</i>	Bath County Cave Amphipod	I	U.S.A.
<i>Stygobromus nortoni</i>	Norton's Cave Amphipod	I	U.S.A.
<i>Stygobromus onondagensis</i>	Onondaga Cave Amphipod	I	U.S.A.
<i>Stygobromus ozarkensis</i>	Ozark Cave Amphipod	I	U.S.A.
<i>Stygobromus parvus</i>	Minute Cave Amphipod	I	U.S.A.
<i>Stygobromus pecki</i>	Peck's Cave Amphipod	I	U.S.A.
<i>Stygobromus pizzinii</i>	Pizzini's Amphipod	I	U.S.A.
<i>Stygobromus putealis</i>	Wisconsin Well Amphipod	I	U.S.A.
<i>Stygobromus reddelli</i>	Reddell's Cave Amphipod	I	U.S.A.
<i>Stygobromus smithii</i>	Alabama Well Amphipod	I	U.S.A.
<i>Stygobromus spinatus</i>	Spring Cave Amphipod	I	U.S.A.
<i>Stygobromus stellmacki</i>	Stellmack's Cave Amphipod	I	U.S.A.
<i>Stygobromus subtilis</i>	Subtle Cave Amphipod	I	U.S.A.
<i>Stygobromus wengerorum</i>	Wengeror's Cave Amphipod	I	U.S.A.
Family Orchestiidae			
<i>Spelaeorchestia koloana</i>	Kaui Cave Amphipod	I	Hawaii

Order DECAPODA

Family Atyidae

- Palaemonias alabamiae*
- Syncaris pacifica*
- Typhlatya monae*

Alabama Cave Shrimp I U.S.A.
California Freshwater Shrimp E U.S.A.
Mona Cave Shrimp I Puerto Rico

Family Palaemonidae

- Palaemonetes antrorum*
- Palaemonetes cummingsi*

Texas Cave Shrimp I U.S.A.
Florida Cave Shrimp V U.S.A.

Family Nephropidae

- Homarus americanus*
- Homarus gammarus*
- Nephrops norvegicus*

CT North Atlantic
CT North-east Atlantic
CT North-east Atlantic

Family Cambaridae

- Cambarus batchi*
- Cambarus bouchardi*
- Cambarus catagius*
- Cambarus chasmodactylus*
- Cambarus extraneus*
- Cambarus obeyensis*
- Cambarus zophonastes*
- Orconectes jeffersoni*
- Orconectes shoupi*
- Procambarus acherontis*
- Procambarus connus*
- Procambarus lepiclodactylus*

I U.S.A.
I U.S.A.
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I U.S.A.

Big South Fork Crayfish
Greensboro Burrowing Crayfish
New River Riffle Crayfish
Chickamanga Crayfish
Obey Crayfish
Louisville Crayfish
Nashville Crayfish
Orlando Cave Crayfish
Pee Dee Lotic Crayfish

Family Astacidae

- Astacus astacus*
- Austropotamobius pallipes*
- Austropotamobius torrentium*
- Pacifastacus fortis*
- Pacifastacus nigrescens*

V Europe
R Europe
K Europe
V U.S.A.
E? [U.S.A.]

Noble Crayfish
White-clawed Crayfish
Shasta Crayfish

Family Parastacidae

- Astacoides madagascariensis*

I Madagascar

Madagascar Freshwater Crayfish

<i>Astacopsis gouldi</i>	Giant Freshwater Crayfish	V	Tasmania
<i>Astacopsis franklinii</i>		I	Tasmania
<i>Cherax crassimanus</i>		R	West Australia
<i>Engaewa subcoerulea</i>		R	West Australia
Family Palinuridae			
<i>Jasus edwardsii</i>	Rock Lobster	CT	New Zealand
<i>Panulirus argus</i>		CT	Caribbean
<i>Panulirus guttatus</i>	Spotted Spiny Lobster	CT	Caribbean
<i>Panulirus penicillatus</i>		CT	Indo-Pacific
Family Coenobitidae			
<i>Birgus latro</i>	Coconut Crab	R	Indo-Pacific
Family Hippidae			
<i>Emerita emeritus</i>	Sand Crab	K	India, Thailand
Family Pinnotheridae			
<i>Parapinnixa affinis</i>	California Bay Pea Crab	K	U.S.A.

INSECTS

Subphylum UNIRAMIA

CLASS INSECTA

Order THYSANURA

Family Machilidae

*Machilooides heteropus**Machilooides perkinsi*Hawaiian Long-palp Bristletail
Perkin's Club-palp BristletailI Hawaii
I Hawaii

Order COLLEMBOLA

Family Neanuridae

*Acanthanura dendyi**Acanthanura n.sp. "mesibovi"**Megalanura tasmaniae**Womersleymeria bicornis**Womersleymeria n.sp. "iresoni"**Womersleymeria n.sp. "zachariae"*I Tasmania
I Tasmania
I Tasmania
I Tasmania
I Tasmania
I Tasmania

Order EPHEMEROPTERA

Family Siphonuridae

*Acanthometropus pecatonica**Ameletus falsus**Isonychia diversa**Tasmanophlebia lacus-coerulei*Pecatonica River Mayfly
False Mayfly
Diverse Mayfly
Large Blue Lake MayflyEx [U.S.A.]
I U.S.A.
I U.S.A.
R Australia

Family Baetidae

Heterocleon beneri

Berner's Two-winged Mayfly

I U.S.A.

Family Oligoneuridae

*Homoeoneuria cahabensis**Homoeoneuria dolani*Cahaba Sand-filtering Mayfly
Blackwater Sand-filtering MayflyI U.S.A.
I U.S.A.

Family Heptageniidae

Pseudirion meridionalis

Meridion Blackwater Mayfly

I U.S.A.

Family Behningiidae

Dolania americana

American Sand-burrowing Mayfly

I U.S.A.

Family Ephemeridae			
<i>Ephemera compar</i>	Colorado Burrowing Mayfly	I	U.S.A.
<i>Ephemera triplex</i>	West Virginia Burrowing Mayfly	I	U.S.A.
<i>Pantagienta robusta</i>	Robust Burrowing Mayfly	Ex	[U.S.A.]
Family Ephemerellidae			
<i>Ceratella frisoni</i>	Frison's Mayfly	I	U.S.A.
<i>Ceratella spiculosa</i>	Spiculate Mayfly	I	U.S.A.
<i>Ephemerella argo</i>	Argo Mayfly	I	U.S.A.
Family Caenidae			
<i>Brachycercus flavus</i>	Yellow Mayfly	I	U.S.A.
Order ODONATA			
Family Synlestidae			
<i>Ecchlorolestes nylepytha</i>		E	South Africa
<i>Ecchlorolestes peringueyi</i>		E	South Africa
<i>Phylolestes ethelae</i>		V	Dominican Republic
Family Lestidae			
<i>Austrolestes minjerriba</i>		E	Australia
Family Hemiphlebiidae			
<i>Hemiphlebia mirabilis</i>	Small Damselfly	E	Australia
Family Megapodagrionidae			
<i>Amanipodagrion gilliesi</i>		E	Tanzania
Family Protoncuridae			
<i>Noeneura aaroni</i>		R	Guatemala, U.S.A.
<i>Nososticta pilbara</i>		E	Australia
Family Platycnemididae			
<i>Metacnemis angusta</i>		I	South Africa
<i>Platycnemis mauritana</i>		E	Mauritius
Family Coenagrionidae			
<i>Aciagrion rarum</i>		I	Angola
<i>Agriocnemis solitaria</i>		E	Mauritius

<i>Agriocnemis umbargae</i>	I	Cameroon
<i>Argia</i> <i>leoninium</i>	I	Sierra Leone
<i>Ceriatrion mourae</i>	I	Mozambique
<i>Coenagrion brisbanense</i>	V	Australia
<i>Coenagrion hylas freyi</i>	E	Austria, Germany, Switzerland
<i>Coenagrion mercuriale</i>	V	Europe
<i>Enallagma camerunense</i>	I	Tropical Africa
<i>Enallagma polychromaticum</i>	I	South Africa
<i>Enallagma recurvatum</i>	V	U.S.A.
<i>Ischnura gemina</i>	E	U.S.A.
<i>Megalagrion adytum</i>	I	Hawaii
<i>Megalagrion amaurodytium fallax</i>	I	Hawaii
<i>Megalagrion amaurodytium peles</i>	I	Hawaii
<i>Megalagrion amaurodytium waianaenum</i>	I	Hawaii
<i>Megalagrion jugorum</i>	Ex?	[Hawaii]
<i>Megalagrion leptodemus</i>	I	Hawaii
<i>Megalagrion molokaiense</i>	I	Hawaii
<i>Megalagrion molokaii</i>	I	Hawaii
<i>Megalagrion nestotes</i>	Ex?	[Hawaii]
<i>Megalagrion nigrohamatum</i>	I	Hawaii
<i>Megalagrion nigrolineatum</i>	I	Hawaii
<i>Megalagrion oahuensis</i>	I	Hawaii
<i>Megalagrion oceanicum</i>	I	Hawaii
<i>Megalagrion pacificum</i>	E	Hawaii
<i>Megalagrion xanthomelas</i>	I	Hawaii
<i>Mortonagrion hirosei</i>	E	Japan
<i>Pseudagrion quadrioculatum</i>	K	Zaire
<i>Teinobasis alluaudi alluaudi</i>	E	Seychelles
Family Pseudostigmatidae		
<i>Mecistogaster asticta</i>	V	Brazil
<i>Mecistogaster pronoti</i>	V	Brazil
Family Calopterygidae		
<i>Calopteryx angustipennis</i>	I	U.S.A.
<i>Calopteryx syriaca</i>	E	Turkey, Syria, Jordan
Family Epiophlebiidae		
<i>Epiophlebia laidlawi</i>	V	India, Nepal
Relict Himalayan Dragonfly		

Family Gomphidae

<i>Antipodogomphus hodgkini</i>			Australia
<i>Cornigomphus guineensis</i>	I		Tropical Africa
<i>Erpetogomphus lampropeltis</i>	K		U.S.A.
<i>Gomphus carolinus</i>	K	Sandhills Clubtail Dragonfly	U.S.A.
<i>Gomphus consanguis</i>	R	Cherokee Clubtail Dragonfly	U.S.A.
<i>Gomphus diminutus</i>	R	Diminutive Clubtail	U.S.A.
<i>Gomphus geminatus</i>	R	Twin-striped Clubtail	U.S.A.
<i>Gomphus graslini</i>	R		France, Spain
<i>Gomphus hodgesi</i>	R	Hodge's Clubtail	U.S.A.
<i>Gomphus maxwelli</i>	R		U.S.A.
<i>Gomphus modestus</i>	R	Gulf Clubtail	U.S.A.
<i>Gomphus ozakensis</i>	R		U.S.A.
<i>Gomphus parvidens</i>	R		U.S.A.
<i>Gomphus sandrius</i>	R		U.S.A.
<i>Gomphus septima</i>	I	Tennessee Clubtail Dragonfly	U.S.A.
<i>Gomphus townesi</i>	R	Septima's Clubtail Dragonfly	U.S.A.
<i>Ictinogomphus dobsoni</i>	I	Bronze Clubtail Dragonfly	U.S.A.
<i>Isonnia hieroglyphicum</i>	E		Australia
<i>Onychogomphus assimilis</i>	I		Madagascar
<i>Onychogomphus macrondon</i>	R		Turkey, U.S.S.R.
<i>Ophiogomphus acuminatus</i>	E		Jordan, Israel, Turkey
<i>Ophiogomphus anomalus</i>	R		U.S.A.
<i>Ophiogomphus cecilia</i>	V	Grüne Keiljungfer	Eastern North America
<i>Ophiogomphus edmundo</i>	E	Edmund's Snaketail Dragonfly	Europe to Siberia
<i>Ophiogomphus howei</i>	Ex?	Howe's Midget Snaketail Dragonfly	[U.S.A.]
<i>Ophiogomphus incurvatus</i>	V		U.S.A.
<i>Ophiogomphus i. alleghaniensis</i>	R		U.S.A.
<i>Pragomphus sinaiticus</i>	I	Alleghany Snaketail Dragonfly	U.S.A.
<i>Pragomphus bellei</i>	R		Egypt, Niger
<i>Stylurus flavipes</i>	R	Belle's Sand Variegated Clubtail	U.S.A.
<i>Stylurus potulentus</i>	I	Gomphus à Pattes Jeunes	North Palearctic
<i>Stylurus townesi</i>	V	Yellow-sided Clubtail	U.S.A.
	R		U.S.A.
	I		Tasmania

Family Neopetaliidae

Archipetalia auricuata

Family Petaluridae

Petalura pulcherrima

I Tasmania

V Australia

Family Aeshnidae

<i>Acanthaeshna victoria</i>	V	Australia
<i>Aeshna meruensis</i>	R	Tanzania
<i>Aeshna persephone</i>	R	U.S.A.
<i>Aeshna viridis</i>	I	Europe to Siberia
<i>Anax georgius</i>	I	Tropical Africa
<i>Austroaeschna hardyi</i>	I	Tasmania
<i>Brachytron pratense</i>	I	Belgium, Germany, U.K.
<i>Indophlebia asiatica</i>	V	India

L'Aeschne Verte

(Spring Hawker)

Family Cordulegastridae

<i>Cordulegaster myzinae</i>	E	Turkey, U.S.S.R.
<i>Cordulegaster sayi</i>	E	U.S.A.

Florida Spiketail Dragonfly

Family Corduliidae

<i>Antipodochlora braueri</i>	I	New Zealand
<i>Austrocordulia territoria</i>	E	Australia
<i>Libellulosoma minuta</i>	I	Madagascar
<i>Macromia margarita</i>	R	U.S.A.
<i>Macromia splendens</i>	R	France, Portugal, Spain
<i>Macromia wabashensis</i>	K	U.S.A.
<i>Neurocordulia clara</i>	I	U.S.A.
<i>Oxygasira curtisii</i>	V	North Africa, West Europe
<i>Somatochlora brevicincta</i>	R	Canada
<i>Somatochlora calverti</i>	R	U.S.A.
<i>Somatochlora hineana</i>	E	U.S.A.
<i>Somatochlora incurvata</i>	R	Eastern North America
<i>Somatochlora margarita</i>	R	U.S.A.
<i>Somatochlora ozarkensis</i>	R	U.S.A.
<i>Synthemis macrostigma orientalis</i>	I	Tasmania
<i>Synthemisopsis gomphomacromioides</i>	I	Tasmania
<i>Williamsonia lintneri</i>	V	U.S.A.

Shining Macromia Dragonfly
Wabash Belted Skimmer Dragonfly
Apalachicola Twilight Skimmer Dragonfly
Orange-spotted Emerald

Calverts' Emerald

Ohio Emerald Dragonfly

Big Thicket Emerald Dragonfly

Banded Bog Skimmer Dragonfly

Family Libellulidae

<i>Aethiothemis wataliki</i>	K	Congo
<i>Allorhizucha campioni</i>	K	Sierra Leone
<i>Anectothemis apicalis</i>	K	Tropical Africa
<i>Brachythemis fuscopalliatata</i>	E	Iraq, Israel, Turkey
<i>Brachythemis liberiensis</i>	I	Guinea Bissau

Congothemis longistyla
Eleuthemis beutikofera quadrigutta
Leucorrhinia albifrons
Leucorrhinia caudalis
Libellula angelina
Libellula jerseana
Monardthemis flava
Orithetrum rubens
Palpopleura albifrons
Sympetrum dilatatum
Trithemis hartwigi
Trithemis nigra
Urothemis thomasi

Order BLATTARIA

Family Blattidae

Aspiduchus cavernicola

Order MANTODEA

Family Mantidae

Apteromantis aptera

Order GRYLLOBLATTARIA

Family Grylloblattidae

Grylloblatta chirurgica

Order ORTHOPTERA

Family Stenopelmatidae

Amimopelmatus kelsoensis

Amimopelmatus muwu

Deinacrida carinata

Deinacrida fallai

Deinacrida heteracantha

Deinacrida rugosa

Deinacrida tibiospina

Stenopelmatus cahuiltaensis

Stenopelmatus navajo

Family Rhaphidophoridae

Daihinibaenetes arizonensis

K Zaire
K Mozambique, Zimbabwe
I Europe, West Siberia
I Europe, West Siberia
E Japan
K U.S.A.
V Angola, Zambia
I Tropical Africa
I Gabon
Ex? [St Helena]
I Eq. Guinea
I Sao Tome
K Eastern Arabia

I Puerto Rico
 Tuna Cave Roach

E Spain

V U.S.A.
 Mount St Helens' Grylloblattid

I U.S.A.
I U.S.A.
V New Zealand
V New Zealand
V New Zealand
V New Zealand
I New Zealand
I U.S.A.
I U.S.A.
 Kelso Jerusalem Cricket
 Port Conception Jerusalem Cricket
 Herekopare Island Weta
 Poor Knights Weta
 Wetapunga
 Stephens Island Weta
 Coachella Valley Jerusalem Cricket
 Navajo Jerusalem Cricket

I U.S.A.
 Arizona Giant Sand Treader Cricket

Family Tetrigidae			
<i>Tetrix sierrana</i>		I	U.S.A.
<i>Tettigidea empedonepia</i>	Sierra Pygmy Grasshopper	I	U.S.A.
	Torreya Pygmy Grasshopper		
Order PHASMATOPTERA			
Family Phasmatidae			
<i>Dryococelus australis</i>	Lord Howe Island Stick-insect	Ex	[Lord Howe I.]
Order DERMAPTERA			
Family Labiduridae			
<i>Labidura herculeana</i>	St Helena Earwig	E	St Helena
Order PLECOPTERA			
Family Nemouridae			
<i>Lednia tumana</i>	Meltwater Stonefly	I	U.S.A.
<i>Nemours wahkeena</i>	Wahkeena Falls Flightless Stonefly	I	U.S.A.
Family Notonemouridae			
<i>Kimminsoperla biloba</i>		I	Tasmania
<i>Kimminsoperla williamsi</i>		I	Tasmania
Family Capniidae			
<i>Capnia tacustra</i>	Lake Tahoe Benthic Stonefly	I	U.S.A.
Family Leuctridae			
<i>Leuctra szczytkoi</i>	Schoolhouse Springs Stonefly	I	U.S.A.
Family Taeniopterygidae			
<i>Taeniopteryx starki</i>	Leon River Stonefly	I	U.S.A.
Family Perlidae			
<i>Beloneuria jamesae</i>	Cheaha Stonefly	I	U.S.A.
<i>Beloneuria georgiana</i>	Georgia Stonefly	I	U.S.A.
<i>Hansonoperla appalachia</i>	Hanson's Appalachian Stonefly	I	U.S.A.
Family Chloroperlidae			
<i>Alloperla roberti</i>	Robert's Stonefly	Ex	[U.S.A.]
Family Peltoperlidae			
<i>Soliperla fenderi</i>	Fender's Stonefly	I	U.S.A.

Family Eustheniidae				
<i>Eusthenia nothofagi</i>			E	Australia
<i>Eusthenia reticulata</i>			I	Tasmania
Family Gripopterygidae				
<i>Leptoperla cacuminis</i>			R	Australia
<i>Riekoperla darlingtoni</i>			R	Australia
Order ZORAPTERA				
Family Zorotypidae				
<i>Zorotypus swezeyi</i>		Swezey's Zoroapteran	I	Hawaii
Order ANOPLURA				
Family Haematopinidae				
<i>Haematopinus oliveri</i>		Pygmy Hog Sucking Louse	E	India
Order HEMIPTERA				
Family Reduviidae				
<i>Empicoris pulchrus</i>		Pulchrus Thread Bug	I	Hawaii
<i>Siacella smithi</i>		Smith's Reduviid Bug	I	Hawaii
<i>Nesidiolestes ana</i>		Ana Wingless Thread Bug	I	Hawaii
<i>Nesidiolestes insularis</i>		Mount Tantalus Wingless Thread Bug	I	Hawaii
<i>Nesidiolestes roberti</i>		Robert's Wingless Thread Bug	I	Hawaii
<i>Nesidiolestes selium</i>		Selium Wingless Thread Bug	I	Hawaii
Family Miridae				
<i>Cyrtopeltis phyllostegiae</i>		Phyllostegian Leaf Bug	I	Hawaii
<i>Kalania hawaiiensis</i>		Lanai Leaf Bug	I	Hawaii
<i>Kalania</i> sp.		Oshu Leaf Bug	I	Hawaii
Family Lygaeidae				
<i>Metranga obscura</i>		Mauna Loa Seed Bug	I	Hawaii
<i>Neseis alternatus</i>		Kauai Band-legged Seed Bug	I	Hawaii
<i>Neseis haleakalae</i>		Mount Haleakala Seed Bug	I	Hawaii
<i>Nesocryptias villosa</i>		Villosan Flightless Seed Bug	I	Hawaii
<i>Nysius frigateensis</i>		French Frigate Shoal Seed Bug	I	Hawaii
<i>Nysius neckerensis</i>		Necker Goosefoot Seed Bug	I	Hawaii
<i>Nysius nihoae</i>		Nihoa Seed Bug	I	Hawaii
<i>Nysius sulfusus</i>		Necker Bunchgrass Seed Bug	I	Hawaii

<i>Oceaniaides bryani</i>		I	Hawaii
<i>Oceaniaides perkinsi</i>		I	Hawaii
<i>Oceaniaides rugosiceps</i>		I	Hawaii
Family Rhopalidae			
<i>Ithamar annectans</i>	Annectans Bug	I	Hawaii
<i>Ithamar hawaiiense</i>	Hawaiian bug	I	Hawaii
Family Mesoveliidae			
<i>Cavaicovelia aaa</i>	Aaa Water Treader Bug	I	U.S.A.
Family Macroveliidae			
<i>Oravelia pege</i>	Dry Creek Cliff Strider Bug	I	U.S.A.
Family Naucoridae			
<i>Ambrysus amargosus</i>	Ash Meadows Bug	E	U.S.A.
<i>Pelocoris shoshone</i>	Amargosa Bug	I	U.S.A.
Family Belostomatidae			
<i>Belostoma saratogae</i>	Saratoga Springs Bug	I	U.S.A.
Order HOMOPTERA			
Family Cixiidae			
<i>Oliarus consimilis</i>	Kauai Particoloured Planthopper	I	Hawaii
<i>Oliarus discrepans</i>	Wild Cotton Planthopper	I	Hawaii
<i>Oliarus lanaiensis</i>	Lanai Planthopper	I	Hawaii
<i>Oliarus lihue</i>	Lihue Planthopper	I	Hawaii
<i>Oliarus myoporicola</i>	Barber's Point Planthopper	I	Hawaii
Family Delphacidae			
<i>Nesorestias filicicola</i>	Mt Tantalus Shortwing Fern Planthopper	I	Hawaii
<i>Nesosydne acuta</i>	Iao Valley Planthopper	I	Hawaii
<i>Nesosydne bridwelli</i>	Bridewell's Planthopper	I	Hawaii
<i>Nesosydne cyrtandrae</i>	Nahiku Planthopper	I	Hawaii
<i>Nesosydne cyrtandricola</i>	Glenwood Planthopper	I	Hawaii
<i>Nesosydne kuschei</i>	Kusche's Planthopper	I	Hawaii
<i>Nesosydne leahi</i>	Diamond Head Planthopper	I	Hawaii
<i>Nesosydne longipes</i>	Long-footed Planthopper	I	Hawaii
<i>Nesosydne sulcata</i>	Keanae Planthopper	I	Hawaii

Family Cicadidae			
<i>Magicada cassini</i>	V	U.S.A.	Cassini Periodical Cicada
<i>Magicada septendecim</i>	V	Canada	Decim Periodical Cicada
<i>Magicada septendecula</i>	V	U.S.A.	Decula Periodical Cicada
Family Tettigarctidae			
<i>Tettigarcta tormentosa</i>	I	Tasmania	
Family Cicadellidae			
<i>Felexamia rubranura</i>	I	U.S.A.	Red-veined Prairie Leafhopper
Family Aphididae			
<i>Ceriferella leucopogonis</i>	I	Tasmania	
Family Pseudococcidae			
<i>Clavicornus erinaceus</i>	Ex	[Hawaii]	
<i>Phyllococcus oahuensis</i>	Ex	[Hawaii]	
Order NEUROPTERA			
Family Ithonidae			
<i>Oliarces clara</i>	I	Hawaii, U.S.A.	
Family Mantispidae			
<i>Mantispa styriaca</i>	K	South & Central Europe	
Family Hemerobiidae			
<i>Nesothauma halakatae</i>	I	Hawaii	Haleakala Spongillafly
<i>Pseudopsectra cookeorum</i>	I	Hawaii	Cooke's Spongillafly
<i>Pseudopsectra lobipennis</i>	I	Hawaii	Lobe-wing Spongillafly
<i>Pseudopsectra swezeyi</i>	I	Hawaii	Swezey's Spongillafly
<i>Pseudopsectra usingeri</i>	I	Hawaii	Usinger's Spongillafly
Family Ascalaphidae			
<i>Libelloides libelluloides</i>	K	Europe	
<i>Libelloides macaronius</i>	K	Europe	
Family Myrmeleontidae			
<i>Acanthaclisis occitanica</i>	K	Europe	
<i>Dendroleon pantherinus</i>	K	Europe	

Distoleon tetragrammicus
Eidoleon perjurus
Myrmeleon formicarius

Molokai Antlion

K Europe
 I Hawaii
 K Europe

Order COLEOPTERA

Family Carabidae

Agonum belleri
Aplothorax burchelli
Calosoma sycophanta
Carabus intricatus
Carabus olympiae
Elaphrus viridis
Mormolyce phyllodes
Sphaeroderus schauvi shenandoah

I U.S.A.
 E St Helena
 V Europe, North Africa, U.S.S.R.
 V Europe
 E Italy
 V U.S.A.
 V Malaysia
 I U.S.A.

Beller's Ground Beetle

Puppenrauber

Blue Ground Beetle

Delta Green Ground Beetle

Ghost Walker Beetle

Schaum's Blue Ridge Ground Beetle

Family Cicindelidae

Cicindela arenicola
Cicindela cazieri
Cicindela chlorocephala smylhi
Cicindela columbica
Cicindela dorsalis dorsalis
Cicindela latesignata obliviosa
Cicindela limbata albissima
Cicindela marginata
Cicindela nevadica olmosa
Cicindela nigrocoerulea subtropica
Cicindela obsoleta neojuvanalis
Cicindela puritana
Cicindela tranquebarica viridissima

Idaho Dunes Tiger Beetle
 Cazier's Tiger Beetle
 Smyth's Tiger Beetle
 Columbia River Tiger Beetle
 North-eastern Beach Tiger Beetle
 Oblivious Tiger Beetle
 Coral Pink Dunes Tiger Beetle
 Tiger Beetle
 Cobblestone Tiger Beetle
 Los Olmos Tiger Beetle
 Subtropical Blue-black Tiger Beetle
 Neojuvénile Tiger Beetle
 Puritan Tiger Beetle
 Greenest Tiger Beetle

I U.S.A.
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Family Haliplidae

Brychius hungerfordi
Haliphus nitens

Hungerford's Crawling Water Beetle
 Disjunct Crawling Water Beetle

I U.S.A.
 I U.S.A.

Family Dytiscidae

Agabus rumppi
Desmopachria conchranis
Dytiscus latissimus

Death Valley Diving Beetle
 Fig Seed Diving Beetle

I U.S.A.
 I U.S.A.
 E North & Central Europe, Siberia

Hydrochara rickseckeri
Paracymus seclusus

Family Lucanidae

Apterocyclus honoluluensis
Dorcus auriculatus
Dorcus ithaginiis

Family Trogidae

Trox howelli

Family Geotrupidae

Typhaeus hiositius

Family Scarabaeidae

Aegialia concinna
Aegialia crescenta
Aegialia haroyi
Aegialia magnifica
Anomala exigua
Anomala eximia
Anomala tibialis
Aphodius fordii
Aphodius troglodytes
Ataenius superficialis
Ataenius woodruffi
Copris gopheri
Cyclocephala miamiensis
Dynastes hercules
Dynastes hercules glaseri
Dynastes hercules hercules
Dynastes hercules reidi
Glaresis arenata
Gronocarus multispinosus
Lichnanthe albopilosa
Lichnanthe ursina
Mycotrupes pedester
Onthophagus suracatus
Onthophagus polyphemii
Oryctes chevrolati

Ricksecker's Water Scavenger Beetle
Seclusive Water Scavenger Beetle

Kauai Flightless Stag Beetle

Caracara Commensal Scarab Beetle

Ciervo Scarab Beetle

Crescent Dune Scarab Beetle

Hardy's Scarab Beetle

Large Scarab Beetle

Exiguous Scarab Beetle

Archbold Scarab Beetle

Tibial Scarab Beetle

Ford's Beetle

Tortoise Commensal Scarab Beetle

Big Pine Key Dung Beetle

Woodruff's Dung Beetle

Tortoise Commensal Scarab Beetle

Miami Roundhead Scarab Beetle

Hercules Beetle

Hercules Beetle

Hercules Beetle

Hercules Beetle

Kelso Dune Scarab Beetle

Spiny Florida Sandhill Scarab Beetle

White Sand Bear Scarab Beetle

Pacific Sand Bear Scarab Beetle

Scrub Island Burrowing Scarab Beetle

Tortoise Commensal Scarab Beetle

I U.S.A.
I U.S.A.

E Hawaii
V New Zealand
V New Zealand

V U.S.A.

V Sardinia

I U.S.A.

I U.S.A.

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I U.S.A.

I U.S.A.

V U.S.A.

E U.S.A.

I U.S.A.

I U.S.A.

V Caribbean & Northern South America
K Trinidad & Tobago

V Dominica, Guadeloupe

V Martinique, St Lucia

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

V Austria

I U.S.A.

K Reunion

<i>Osmoderma eremita</i>	Hermit Beetle	E	Europe
<i>Peltotrupes youngi</i>	Ocala Burrowing Scarab Beetle	I	U.S.A.
<i>Polylamina pubescens</i>	Woody Gulf Dune Scarab Beetle	I	U.S.A.
<i>Polyphylla anteroneva</i>	Saline Valley Snow-front Scarab	I	U.S.A.
<i>Polyphylla avittata</i>	Spotted Warner Valley Dunes Scarab	I	U.S.A.
<i>Polyphylla barbata</i>	Barbate Scarab Beetle	I	U.S.A.
<i>Polyphylla nubila</i>	Atascodera Scarab Beetle	I	U.S.A.
<i>Prodontria lewisi</i>	Cromwell Chafer	V	New Zealand
<i>Pseudocotalpa giulianii</i>	Giuliani's Dune Scarab Beetle	I	U.S.A.
<i>Serica frosti</i>	Frost's Spring Scarab Beetle	I	U.S.A.
<i>Serica tantula</i>	Tantula Scarab Beetle	I	U.S.A.
<i>Trigonopelastes floridana</i>	Scrub Palmetto Flower Scarab Beetle	R/I	U.S.A.
Family Buprestidae			
<i>Buprestis splendens</i>	Goldstreifiger	E	Europe
Family Elmidae			
<i>Atractelmis wawona</i>	Wawona Riffle Beetle	I	U.S.A.
<i>Cylloepus parkeri</i>	Parker's Riffle Beetle	I	U.S.A.
<i>Dubiraphia brunnescens</i>	Brownish Riffle Beetle	I	U.S.A.
<i>Dubiraphia giulianii</i>	Giuliani's Riffle Beetle	I	U.S.A.
<i>Dubiraphia parva</i>	Little Riffle Beetle	I	U.S.A.
<i>Dubiraphia robusta</i>	Robust Riffle Beetle	I	U.S.A.
<i>Heterelmis stephani</i>	Stephan's Riffle Beetle	I	U.S.A.
<i>Huleechius marroni carolus</i>	Marron's San Carlos Riffle Beetle	I	U.S.A.
<i>Microcylloepus browni</i>	Brown's Riffle Beetle	I	U.S.A.
<i>Optioservus browni</i>	Brown's Riffle Beetle	I	U.S.A.
<i>Optioservus canus</i>	Pinnacles Riffle Beetle	I	U.S.A.
<i>Optioservus phaeus</i>	Scott Riffle Beetle	I	U.S.A.
<i>Stenelmis calida calida</i>	Devil's Hole Warm Spring Riffle Beetle	I	U.S.A.
<i>Stenelmis calida moapa</i>	Moapa Warm Springs Riffle Beetle	I	U.S.A.
<i>Stenelmis douglasensis</i>	Douglas Riffle Beetle	I	U.S.A.
<i>Stenelmis gammoni</i>	Gammon's Riffle Beetle	I	U.S.A.
<i>Zaitzeva thermac</i>	Warm Spring Riffle Beetle	I	U.S.A.
Family Psephenidae			
<i>Acneus beeri</i>	Beer's False Water Penny Beetle	I	U.S.A.
<i>Acneus burnelli</i>	Burnell's False Water Penny Beetle	I	U.S.A.
<i>Alabamaubria starki</i>	Stark's False Water Penny Beetle	I	U.S.A.

<i>Dicranopselaphus variegatus</i>	Variegated False Water Penny Beetle	I	U.S.A.
<i>Psephenus arizonensis</i>	Arizona Water Penny Beetle	I	U.S.A.
<i>Psephenus montanus</i>	White Mountains Water Penny Beetle	I	U.S.A.
Family Elateridae			
<i>Amychus candezei</i>	Hatch's Click Beetle	V	Chatham Is, New Zealand
<i>Amychus granulatus</i>	Hawaiian Click Beetles	V	New Zealand
<i>Eanus hatchi</i>	Necker Click Beetles	I	Canada, U.S.A.
<i>Eopenthes</i> (17 species)		E	Hawaii
<i>Itodacnus</i> (whole genus)		I	Hawaii
Family Eucnemidae			
<i>Pateoxenus dohmi</i>	Dohrn's Elegant Eucnemid Beetle	I	U.S.A.
Family Lampyridae			
<i>Micronaspis floridana</i>	Florida Intertidal Firefly	I	U.S.A.
<i>Photuris brunnipennis floridana</i>	Everglades Browing Firefly	I	U.S.A.
Family Anobiidae			
<i>Holcobius pikoensis</i>	Piko Anobiid Beetle	I	Hawaii
Family Cucujidae			
<i>Cucujus cinnaberinus</i>	Scharlachkäfer	E	Northern & Central Europe
Family Tenebrionidae			
<i>Coelus globosus</i>	Globose Dune Beetle	I	Mexico, U.S.A.
<i>Coelus gracilis</i>	San Joaquin Dune Beetle	I	U.S.A.
<i>Polposipus herculeanus</i>	Frigate Island Giant Tenebrionid Beetle	R	Seychelles
Family Meloidae			
<i>Lytta hoppingi</i>	Hopping's Blister Beetle	I	U.S.A.
<i>Lytta inseperata</i>	Mojave Desert Blister Beetle	I	U.S.A.
<i>Lytta mirifica</i>	Anthony Blister Beetle	I	Mexico, U.S.A.
<i>Lytta moesta</i>	Moestan Blister Beetle	I	U.S.A.
<i>Lytta molesta</i>	Molestan Blister Beetle	I	U.S.A.
<i>Lytta morrisoni</i>	Morrison's Blister Beetle	I	U.S.A.

Family Anthicidae			
<i>Anthicus antiochensis</i>	Antioch Dunes Beetle	I	U.S.A.
<i>Anthicus sacramento</i>	Sacramento Beetle	I	U.S.A.
Family Cerambycidae			
<i>Aeschrithmysus dubautianus</i>		E	Hawaii
<i>Aeschrithmysus swezeyi</i>		E	Hawaii
<i>Aeschrithmysus terryi</i>		E	Hawaii
<i>Cerambyx cerdo</i>	Cerambyx Longicorn	E	Central & Northern Europe
<i>Crossidius mojavensis mojavensis</i>	Mojave Rabbitbrush Longhorn Beetle	E	U.S.A.
<i>Desmocerus californicus dimorphus</i>	Valley Elderberry Longhorn Beetle	V	U.S.A.
<i>Dryobius sexnotatus</i>	Six-banded Longhorn Beetle	I	U.S.A.
<i>Macrodontia cervicornis</i>		K	Brazil, Peru
<i>Morimus funereus</i>		E	Central Europe, U.S.S.R.
<i>Necydalis rudei</i>		I	Hawaii
<i>Nesithmysus bridwelli</i>		E	Hawaii
<i>Nesithmysus frobesi</i>		E	Hawaii
<i>Nesithmysus haasi</i>		E	Hawaii
<i>Nesithmysus swezeyi</i>		E	Hawaii
<i>Plagithmysus</i> (49 species)		E	Hawaii
<i>Rosalia alpina</i>	Rosalia Longicorn	E	Central & Northern Europe
<i>Xylotoles costatus</i>		Ex	[Chatham Is]
Family Chrysomelidae			
<i>Donacia idola</i>	Bog Idol Leaf Beetle	I	U.S.A.
Family Aglycyderidae			
<i>Proterhinus</i> (72 species)	Hawaiian Proterhinus Beetles	E	Hawaii
Family Curculionidae			
<i>Anagotus fairburni</i>	Flax Weevil	V	New Zealand
<i>Anagotus turbotti</i>	Turbott's Weevil	V	New Zealand
<i>Deinocossomus nesiotus</i>	Oahu Nesiotus Weevil	E	Hawaii
<i>Dryophthorus distinguendus</i>		Ex	[Hawaii]
<i>Dryotribus mimeticus</i>		Ex	[Hawaii]
<i>Dysticheus rotundicollis</i>	Antioch Dune Weevil	I	U.S.A.

<i>Gymnopholus lichenifer</i>	Lichen Weevil	V	Papua New Guinea
<i>Hadramphus spinipennis</i>		V	Chatham Is
<i>Hadramphus stilbocarpae</i>		V	New Zealand
<i>Hadramphus tuberculatus</i>		V	New Zealand
<i>Heteramphus filicum</i>		E	Hawaii
<i>Heterexis seticostatus</i>		V	New Zealand
<i>Lyperobius huttoni</i>		V	New Zealand
<i>Macrancylus linearis</i>	Speargrass Weevil	Ex	[Hawaii]
<i>Megacolabus sculpturatus</i>		V	New Zealand
<i>Microcryptorhynchus orientissimus</i>		R	Henderson I.
<i>Miloderes nelsoni</i>	Nelson's Weevil	I	U.S.A.
<i>Miloderes rulieni</i>	Rulien's Weevil	I	U.S.A.
<i>Nesotocus giffordi</i>	Gifford's Weevil	I	Hawaii
<i>Nesotocus kauaiensis</i>	Kauai Weevil	I	Hawaii
<i>Nesotocus munroi</i>	Munro's Weevil	I	Hawaii
<i>Nothaldonis peaci</i>		E	New Zealand
<i>Oclandius laeviusculus</i>		V	New Zealand
<i>Oedemasylus laysanensis</i>		Ex	[Hawaii]
<i>Onchobarus langei</i>	Lange's El Segundo Dune Weevil	I	U.S.A.
<i>Oodemas</i> (whole genus)	Windward Chain Weevils	I	Hawaii
<i>Pentarthrum blackburni</i>	Blackburn's Weevil	Ex?	[Hawaii]
<i>Pentarthrum obscura</i>	Obscure Weevil	I	Hawaii
<i>Pentarthrum pritchardias</i>		E	Hawaii
<i>Rhyncogonus hendersoni</i>		R	Henderson I.
<i>Rhyncogonus</i> (22 species)	Hawaiian Snout Beetles	E	Hawaii
<i>Stenotrupis pritchardiae</i>	Nihoa Weevil	I	Hawaii
<i>Trigonoscuta brunnotesselata</i>	Brown-tassel Weevil	I	U.S.A.
<i>Trigonoscuta dorothea dorothea</i>	Dorothy's El Segundo Dune Weevil	I	U.S.A.
<i>Trigonoscuta doyeri</i>	Doyen's Dune Weevil	E/V	U.S.A.
<i>Trigonoscuta rossi</i>	Fort Ross Weevil	Ex?	[U.S.A.]
<i>Trigonoscuta yorbalindae</i>	Yorba Linda Weevil	Ex?	[U.S.A.]
<i>Unas piceus</i>		V	New Zealand

Order MECOPTERA

Family Apteropanorpidae

Apteropanorpa tasmanica

I Tasmania

Family Asteiidae					
<i>Bryania bipunctata</i>	Nihoa Two-spotted Asterid Fly	I		Hawaii	
Family Drosophilidae					
<i>Drosophila lanaiensis</i>		Ex	[Hawaii]		
Family Ephydriidae					
<i>Paracoenia calida</i>	Wilber Springs Shore Fly	I		U.S.A.	
Order TRICHOPTERA					
Family Rhyacophilidae					
<i>Rhyacophila alexandra</i>	Alexander's Caddisfly	I		U.S.A.	
<i>Rhyacophila amabilis</i>	Castle Lake Caddisfly	Ex	[U.S.A.]		
<i>Rhyacophila colonus</i>	O'Brien Caddisfly	I		U.S.A.	
<i>Rhyacophila fenderi</i>	Fender's Caddisfly	I		U.S.A.	
<i>Rhyacophila haddocki</i>	Haddock's Caddisfly	I		U.S.A.	
<i>Rhyacophila lineata</i>	Castle Crags Caddisfly	I		U.S.A.	
<i>Rhyacophila mosana</i>	Bilobed Caddisfly	I		U.S.A.	
<i>Rhyacophila spinata</i>	Spiny Caddisfly	I		U.S.A.	
<i>Rhyacophila unipunctata</i>	One-spot Caddisfly	I		U.S.A.	
Family Glossosomatidae					
<i>Agapetus artesus</i>	Artesian Caddisfly	I		U.S.A.	
<i>Agapetus denningi</i>	Denning's Caddisfly	I		U.S.A.	
<i>Agapetus medicus</i>	Arkansas Caddisfly	I		U.S.A.	
<i>Protoptila arca</i>	San Marcos Caddisfly	I		U.S.A.	
Family Hydrotilidae					
<i>Hydroptila decia</i>	Knoxville Micro Caddisfly	I		U.S.A.	
<i>Neotrichia kitae</i>	Kite's Micro Caddisfly	I		U.S.A.	
<i>Ochrotrichia alsea</i>	Alsea Micro Caddisfly	I		U.S.A.	
<i>Ochrotrichia contorta</i>	Contorted Micro Caddisfly	I		U.S.A.	
<i>Ochrotrichia phenosa</i>	Deschutes Micro Caddisfly	I		U.S.A.	
<i>Ochrotrichia provosti</i>	Provost's Micro Caddisfly	I		U.S.A.	
<i>Ochrotrichia vertreesi</i>	Vertree's Micro Caddisfly	I		U.S.A.	
<i>Oxyethira florida</i>	Florida Micro Caddisfly	I		U.S.A.	

Family Philopotamidae			
<i>Apatania tavala</i>		Cascades Caddisfly	I U.S.A.
<i>Cryptochia excella</i>		Kings Canyon Caddisfly	I U.S.A.
<i>Cryptochia neosa</i>		Blue Mountains Caddisfly	I U.S.A.
<i>Dolophilodes oregona</i>		Oregon Caddisfly	I U.S.A.
<i>Ecclisomyia bilera</i>		King's Creek Caddisfly	I U.S.A.
<i>Farula davisi</i>		Green Springs Mountain Caddisfly	I U.S.A.
<i>Farula jewetti</i>		Mount Hood Caddisfly	I U.S.A.
<i>Farula reaperi</i>		Tombstone Prairie Caddisfly	I U.S.A.
<i>Glyphopsyche missouri</i>		Missouri Caddisfly	I U.S.A.
<i>Limnephilus alconura</i>		Klamath Caddisfly	I U.S.A.
<i>Limnephilus atercus</i>		Fort Dick Caddisfly	I U.S.A.
<i>Neothramma andersoni</i>		Colombian Gorge Caddisfly	I U.S.A.
<i>Oligophlebodes mostbento</i>		Tombstone Prairie Oligophlebodes	I U.S.A.
<i>Philocasca oron</i>		Clatsop Caddisfly	I U.S.A.
<i>Triaenodes tridonata</i>		Three-tooth Caddisfly	Ex [U.S.A.]
Family Stenopsychidae			
<i>Stenopsychodes lineata</i>			I Tasmania
Family Polycentropodidae			
<i>Tasmanoptegas pilota</i>			I Tasmania
Family Limnephilidae			
<i>Archaeophylax vernalis</i>			I Tasmania
Family Lepidostomatidae			
<i>Lepidostoma fischeri</i>		Fischer's Caddisfly	I U.S.A.
<i>Lepidostoma goedeni</i>		Goeden's Caddisfly	I U.S.A.
Family Kokiriidae			
<i>Taskiria mccubhini</i>			I Tasmania
<i>Taskropsyche lacustris</i>			I Tasmania
Family Plectrotarsidae			
<i>Nanoplectrus truchanasi</i>			I Tasmania
Family Sericostomatidae			
<i>Agarodes ziczac</i>		Zigzag Blackwater Caddisfly	I U.S.A.

Family Odontoceridae <i>Psilotreta hansonii</i>	I	U.S.A.
Family Philorheithridae <i>Ramiheithrus kocinus</i>	I	Tasmania
Family Leptoceridae <i>Ceraclea floridana</i>	I	U.S.A.
<i>Ceraclea vertreesi</i>	I	U.S.A.
<i>Oecetis parva</i>	I	U.S.A.
<i>Trienodes phalacris</i>	Ex	[U.S.A.]
<i>Westriplectes pedderensis</i>	I	Tasmania
Order LEPIDOPTERA		
Family Hepialidae <i>Leto venus</i>	V	South Africa
<i>Zelotypia stacyi</i>	V	Australia
Family Nepticulidae <i>Ectodemia castaneae</i>	Ex?	[U.S.A.]
<i>Ectodemia phleophaga</i>	Ex?	[U.S.A.]
Family Tischeriidae <i>Tischeria perplexa</i>	Ex?	[U.S.A.]
Family Gracillariidae <i>Petrochroa neckerensis</i>	I	Hawaii
<i>Phildoria wilkesiella</i>	E	Hawaii
Family Coleophoridae <i>Coleophora leucochrysellae</i>	Ex?	[U.S.A.]
Family Gelechiidae <i>Kiwaia jeanae</i>	V	New Zealand
Family Carposinidae <i>Heterocrossa viridis</i>	I	Hawaii
Family Argyresthiidae <i>Argyresthia castaneola</i>	Ex?	[U.S.A.]

Family Sesiidae					
<i>Synanthedon castaneae</i>	Chestnut Clearwing Moth	I	U.S.A.		
Family Tortricidae					
<i>Grapholitha edwardsiana</i>	San Francisco Tree Lupine	R	U.S.A.		
<i>Spheterista oheoheana</i>	Ohe Ohe Leaf-roller Moth	I	Hawaii		
<i>Spheterista pierotropiana</i>	Green-banded Ohe Ohe Leaf-roller Moth	I	Hawaii		
<i>Spheterista reynoldsiana</i>	Wallupe Leaf-roller Moth	I	Hawaii		
Family Cochylidae					
<i>Carolella busckana</i>	Busk's Gall Moth	I	U.S.A.		
Family HesperIIDae					
<i>Antipodia chaostola leucophaea</i>	Chequered Skipper	I	Tasmania		
<i>Cartierocephalus palaemon</i>	Eight Spotted Skipper	V	Central & North Europe		
<i>Dalla octomaculata</i>	Skipper	R	Costa Rica, Panama		
<i>Epargyreus antaeus</i>	Dakota Skipper	R	Jamaica		
<i>Epargyreus spana</i>	Pawnee Montane Skipper	R	Dominican Republic		
<i>Euscheman rafflesia</i>	Barber's Ranger	K	Australia		
<i>Hesperia dacotae</i>	Bamboo Sylph	E	U.S.A., Canada		
<i>Hesperia pawnee montana</i>	Wandering Skipper	E	U.S.A.		
<i>Hesperilla mastersi marakupa</i>	Salt Marsh Skipper	I	Tasmania		
<i>Kedestes barerae bunta</i>	Rare Skipper	V	South Africa		
<i>Kedestes chaca</i>	Wandering Skipper	V	South Africa		
<i>Metisella syriix</i>	Salt Marsh Skipper	V	South Africa		
<i>Oreisplanus munionga larana</i>	Rare Skipper	I	Tasmania		
<i>Panoquina errans</i>	Wandering Skipper	V	U.S.A., Mexico		
<i>Panoquina panoquinoides errans</i>	Salt Marsh Skipper	V	U.S.A., Mexico		
<i>Problema buienta</i>	Rare Skipper	I	U.S.A.		
<i>Pseudocopaedeus eunus eunus</i>	Wandering Skipper	I	U.S.A.		
<i>Syrichius cribrellum</i>	Spinose Skipper	I	Romania, Southern U.S.S.R.		
<i>Syrichius tessellum</i>	Tessellated Skipper	K	Balkans, Southern U.S.S.R., Iran		
<i>Tsitana dicksoni</i>	Dickson's Sylph	V	South Africa		
Family Megathymidae					
<i>Stallingia maculosus</i>	Maculated Manfreda Skipper	I	U.S.A.		

<i>Papilio aristodemus ponceanus</i>	Schaus' Swallowtail	E	U.S.A.
<i>Papilio aristophontes</i>		I	Comoro Is
<i>Papilio aristor</i>	Scarce Haitian Swallowtail	I	Hispaniola
<i>Papilio benguetanus</i>		V	Philippines
<i>Papilio caiguanabus</i>	Poey's Black Swallowtail	I	Cuba
<i>Papilio carolinensis</i>		V	Philippines
<i>Papilio chikae</i>		E	Philippines
<i>Papilio desmondi teita</i>		E	Kenya
<i>Papilio esperanza</i>	Taita Blue-banded Papilio	V	Mexico
<i>Papilio garleppi</i>		K	South America
<i>Papilio grosesmithi</i>		R	Madagascar
<i>Papilio himeros</i>		V	Argentina, Brazil
<i>Papilio homerus</i>	Homerus Swallowtail	E	Jamaica
<i>Papilio hospiton</i>	Corsican Swallowtail	E	Corsica, Sardinia
<i>Papilio jordani</i>	Jordan's Swallowtail	R	Sulawesi
<i>Papilio leucotaenia</i>	Cream-banded Swallowtail	V	Burundi, Rwanda, Uganda
<i>Papilio mangoura</i>		R	Madagascar
<i>Papilio mantius</i>		I	Mauritius
<i>Papilio maraho</i>		V	Taiwan
<i>Papilio maroni</i>		K	French Guiana
<i>Papilio moeneri</i>		V	Bismarck Arch.
<i>Papilio morondavana</i>	Madagascan Emperor Swallowtail	V	Madagascar
<i>Papilio neumogeni</i>		V	Lesser Sunda Is
<i>Papilio osmana</i>		V	Philippines
<i>Papilio phorbanta</i>		V	Reunion
<i>Papilio phorbanta nana</i>	Papillon La Pature	Ex	[Seychelles]
<i>Papilio sjoestedti</i>		R	Tanzania
<i>Papilio toboroi</i>	Kilimanjaro Swallowtail	R	Bougainville, Solomon Is
<i>Papilio weymeri</i>		R	Bismarck Arch.
<i>Parides ascanius</i>		V	Brazil
<i>Parides burchellanus</i>	Fluminense Swallowtail	V	Brazil
<i>Parides coelus</i>		K	French Guiana
<i>Parides hahneli</i>	Hahnel's Amazonian Swallowtail	R	Brazil
<i>Parides klagesi</i>		K	Venezuela
<i>Parides pizarro</i>		K	Brazil
<i>Parides steinbachi</i>		K	Bolivia
<i>Parnassius apollo</i>	Apollo	R	Europe & U.S.S.R. to China
<i>Parnassius apollo vimingenis</i>		E	F.R.G.
<i>Parnassius autocrator</i>		R	Afghanistan, Tadzhikistan

<i>Parnassius clodius shepardii</i>			I	U.S.A.
<i>Parnassius clodius strohbeeni</i>	Shepard's Clodius Parnassian		Ex	[U.S.A.]
<i>Teinopalpus aureus</i>	Golden Kaiser-I-Hind		K	China
<i>Teinopalpus imperialis</i>	Kaiser-I-Hind		R	India to China
<i>Troides aeacus kaguya</i>			E	Taiwan
<i>Troides andromache</i>			I	Sabah, Sarawak
<i>Troides dohertyi</i>	Talaud Black Birdwing		V	Sulawesi
<i>Troides prattorum</i>			I	Moluccas
Family Pieridae				
<i>Artogeia virginiensis</i>	West Virginia White		I	Canada, U.S.A.
<i>Belenois orgyia</i>			E	South Africa
<i>Euchloe hyantis andrewsi</i>	Andrew's Marble Butterfly		I	U.S.A.
<i>Mylothris carcassoni</i>			R	Zimbabwe
<i>Pieris krueperi devta</i>			R	India
Family Lycaenidae				
<i>Alaena margaritacea</i>			V	South Africa
<i>Aloeides caledoni</i>			V	South Africa
<i>Aloeides dentatis</i>			R	South Africa
<i>Aloeides egerides</i>			V	South Africa
<i>Aloeides lutescens</i>			V	South Africa
<i>Argyrocupha malagrida malagrida</i>	Lion's Head Copper		V	South Africa
<i>Argyrocupha malagrida paarlensis</i>	Lion's Head Copper		V	South Africa
<i>Callophrys mossii bayensis</i>	San Bruno Elf		E	U.S.A.
<i>Capys penningtoni</i>			E	South Africa
<i>Chrysoritis cotrelli</i>			I	South Africa
<i>Chrysoritis oreas</i>			I	South Africa
<i>Chrysoritis zeuxo</i>			I	South Africa
<i>Cyclirius mandersi</i>			I	Mauritius
<i>Deloneura immaculata</i>			Ex?	[South Africa]
<i>Deloneura millari millari</i>			V	South Africa
<i>Deudorix penningtoni</i>			V	South Africa
<i>Deudorix vansoni</i>			V	South Africa
<i>Durbania limbata</i>			V	South Africa
<i>Erikssonia acraeina</i>			R	South Africa
<i>Eumaeus atala florida</i>	Florida Atala Hairstreak		V	U.S.A.
<i>Everes comyntas texanus</i>	Texas Tailed Blue		Ex	[U.S.A.]
<i>Glaucopsyche lygdamus palosverdesensi</i>	Palos Verdes Blue		Ex?	[U.S.A.]

<i>Glaucopsyche xerces</i>	Xerces Blue	Ex	[U.S.A.]
<i>Hemiarctus thomasi bethune-bakeri</i>	Miami Blue Butterfly	I	U.S.A.
<i>Icaricia icarioides missionensis</i>	Mission Blue	E	U.S.A.
<i>Icaricia icarioides moroensis</i>	Moro Blue Bay Blue	I	U.S.A.
<i>Icaricia icarioides pheres</i>	Pheres Blue	I	U.S.A.
<i>Lepidochrysois ariadne</i>		E	South Africa
<i>Lepidochrysois bacchus</i>		V	South Africa
<i>Lepidochrysois hypopolia</i>	Wineland Blue	Ex?	[South Africa]
<i>Lepidochrysois loewensteini</i>		V	South Africa
<i>Lepidochrysois lotana</i>		E	South Africa
<i>Lepidochrysois methymna dicksoni</i>		V	South Africa
<i>Lepidochrysois titei</i>		E	U.S.A.
<i>Lycaeides argyrognomon lotis</i>	Lotis Blue	I	U.S.A.
<i>Lycaeides melissa samuelis</i>	Karner Blue	E	Northern Europe
<i>Lycaena dispar</i>	Large Copper	I	U.S.A.
<i>Lycaena dorcas claytoni</i>	Clayton's Copper	I	U.S.A., Mexico
<i>Lycaena hermes</i>	Hermes Copper	I	Europe, U.S.S.R.
<i>Maculinea alcon</i>	Alcon Large Blue	V	Europe, U.S.S.R.
<i>Maculinea arion</i>	Large Blue	V	China, Japan, U.S.S.R.
<i>Maculinea arionides</i>	Greater Large Blue	V	China, Japan, U.S.S.R.
<i>Maculinea arionides matsumara</i>	Greater Large Blue	V	Europe, U.S.S.R.
<i>Maculinea nausithous</i>	Dusky Large Blue	E	Europe, U.S.S.R.
<i>Maculinea rebeli</i>	Rebel's Large Blue	V	South & Central Europe
<i>Maculinea teleius</i>	Scarce Large Blue	E	Europe & Northern Asia
<i>Maculinea teleius burdigalensis</i>	Scarce Large Blue	E	France
<i>Notarcthrinus binghami</i>		R	India
<i>Oreolyce dohertyi</i>	Naga Hedge Blue	R	India
<i>Ornipholidotos peuceia penningtoni</i>	White Mimic	I	Mozambique, South Africa
<i>Oxychaeta dicksoni</i>	Dickson's Copper	E	South Africa
<i>Panchala ganesa loomisi</i>	Tailless Blue	E	Japan
<i>Philotiella speciosa bohartorum</i>	Bohart's Blue	I	U.S.A.
<i>Plebejus emigdionis</i>	San Emigdio Blue	I	U.S.A.
<i>Plebejus icarioides missionensis</i>	Mission Blue	E	U.S.A.
<i>Plebicula golgus</i>	Nevada Blue	E	Spain
<i>Poecilmitis adonis</i>		V	South Africa
<i>Poecilmitis aureus</i>		I	South Africa
<i>Poecilmitis endymion</i>		V	South Africa
<i>Poecilmitis lycurium</i>		V	South Africa
	Tsomo River Copper		

<i>Poecilmitis nigricans</i>	Blue Jewel Copper	V	South Africa
<i>Poecilmitis rileyi</i>		V	South Africa
<i>Pseudalmenus chlorinda chlorinda</i>		I	Tasmania
<i>Pseudalmenus chlorinda conara</i>		I	Tasmania
<i>Pseudiolaus lulua</i>	White Spotted Sapphire	V	South Africa
<i>Shijimiaeoides battoides allyni</i>	El Segundo Blue	E	U.S.A.
<i>Shijimiaeoides battoides comstocki</i>	Comstock's Blue	I	U.S.A.
<i>Shijimiaeoides enoptes smithi</i>	Smith's Blue	E	U.S.A.
<i>Shijimiaeoides langstoni langstoni</i>	Langston's Blue	I	U.S.A.
<i>Shijimiaeoides rita mattonii</i>	Mattoni's Blue	I	U.S.A.
<i>Spindasis collinsi</i>		V	Tanzania
<i>Strymon acis bartrami</i>	Bartram's Hairstreak	I	U.S.A.
<i>Strymon avalona</i>	Avalon Hairstreak	K	U.S.A.
<i>Thestor dicksoni dicksoni</i>	Dickson's Thestor	V	South Africa
<i>Thestor kaplani</i>	Kaplan's Thestor	V	South Africa
<i>Thestor tempe</i>		V	South Africa
<i>Trimenia wallengrenii</i>	Wallengren's Copper	V	South Africa
<i>Uranothauma usambarae</i>		V	Tanzania
Family Libytheidae			
<i>Libythea cinyras</i>		Ex	[Mauritius]
Family Danaidae (or Nymphalidae: Danainae)			
<i>Amauris comorana</i>		R	Comoro Is
<i>Amauris nossima</i>		R	Comoro Is, Madagascar
<i>Amauris pheodan</i>		R	Mauritius
<i>Anetia briarea</i>		R	Cuba, Hispaniola
<i>Anetia cubana</i>		R	Cuba
<i>Anetia jaegeri</i>		R	Hispaniola
<i>Anetia pantheratus</i>		R	Cuba, Hispaniola
<i>Danaus cleophile</i>		K	Hispaniola, Jamaica
<i>Euploea albicosta</i>		R	Irian Jaya
<i>Euploea blossomae</i>		R	Philippines
<i>Euploea caespes</i>		R	Indonesia
<i>Euploea configurata</i>		R	Sulawesi
<i>Euploea cordelia</i>		R	Sulawesi
<i>Euploea dentiplaga</i>		R	Indonesia
<i>Euploea doretta</i>		R	Bismarck Arch.
<i>Euploea eboraci</i>		R	Bismarck Arch.

<i>Euploea eupator</i>	R	Sulawesi
<i>Euploea euphon</i>	R	Mauritius, Reunion, Rodrigues
<i>Euploea gamelia</i>	R	Java
<i>Euploea lacon</i>	R	Bismarck Arch.
<i>Euploea latifasciata</i>	R	Sulawesi
<i>Euploea magou</i>	R	Sulawesi
<i>Euploea martinii</i>	R	Sumatra
<i>Euploea miira</i>	R	Seychelles
<i>Euploea tobleri</i>	R	Philippines
<i>Euploea tripunctata</i>	R	Irian Jaya
<i>Idea electa</i>	R	Philippines
<i>Idea iasonia</i>	R	Sri Lanka
<i>Idea malabarica</i>	R	India
<i>Idea tambusisiana</i>	K	Sulawesi
<i>Ideopsis hewitsonii</i>	R	Irian Jaya
<i>Ideopsis klassika</i>	R	Indonesia
<i>Ideopsis oberthurii</i>	R	Indonesia
<i>Parantica albata</i>	R	Java, Sumatra
<i>Parantica clinias</i>	R	Bismarck Arch.
<i>Parantica crowleyi</i>	R	Borneo
<i>Parantica dannatii</i>	R	Philippines
<i>Parantica davidi</i>	E	Philippines
<i>Parantica garamantis</i>	R	Bougainville, Solomon Is
<i>Parantica kirbyi</i>	K	New Guinea
<i>Parantica kuekenthali</i>	R	Sulawesi
<i>Parantica marcia</i>	R	Irian Jaya
<i>Parantica menadensis</i>	R	Sulawesi
<i>Parantica milagros</i>	R	Philippines
<i>Parantica nilgiriensis</i>	R	India
<i>Parantica philo</i>	R	Indonesia
<i>Parantica phyle</i>	R	Philippines
<i>Parantica pseudomelaneus</i>	R	Java
<i>Parantica pumila</i>	R	New Caledonia
<i>Parantica rotundata</i>	R	Bismarck Arch.
<i>Parantica schoenigi</i>	R	Philippines
<i>Parantica sulewattan</i>	R	Sulawesi
<i>Parantica taprobana</i>	R	Sri Lanka
<i>Parantica tityoides</i>	R	Sumatra
<i>Parantica toxopei</i>	R	Sulawesi

Sulawesi Tree Nymph

Parantica wegneri R Indonesia
Parantica wetskei R New Guinea
Protoploea apatela R New Guinea
Tiradelphe schneideri R Solomon Is
Tirumala euploeomorpha R Solomon Is
Tirumala gautama R Indochina, China, Malaysia

Family Satyridae (or Nymphalidae: Satyrinae)

Coenonympha oedippus E Europe & Northern Asia
Erebia annada annada R Bhutan, India
Erebia christi V Italy, Switzerland
Erebia gorgone I France
Erebia narasingha narasingha R India
Erebia oitomana R Southern Europe
Erebia scipio R France, Italy
Erebia sthenyo R France, Spain
Erebia sudetica V Europe
Lethe distans R Burma, India
Lethe dura gammiei R Bhutan, India
Lethe europa tamuna R India
Lethe gemina gafuri R India
Lethe margaritae R Bhutan, India
Lethe ocellata lyncus R Bhutan, Burma, India
Lethe ramadeva R India
Lethe satyavai R India
Pararge menava maeroides R South Africa
Stygionympha dicksoni V Burma, India
Ypthima doherityi persimilis R Dickson's Brown

Family Nymphalidae (or Nymphalidae: Nymphalinae)

Anaea floralis I U.S.A.
Antanartia borbonica I Madagascar, Mauritius, Reunion
Antanartia borbonica mauritiana E Mauritius
Apaturopsis kilusa R Madagascar
Apaturopsis pauliani R Madagascar
Apodemia mormo langei E U.S.A.
Boloria acrocnemata V U.S.A.
Cercyonis sthenele sthenele Ex [U.S.A.]
Charaxes cowani R Madagascar

Lange's Metalmark
 Uncompahgre Fritillary Butterfly
 Sthenele Wood Nymph

<i>Charaxes druceanus entabeni</i>	Silver Barred Charaxes	V	South Africa
<i>Charaxes druceanus williamsi</i>		I	Kenya
<i>Charaxes durnfordi nicholi</i>	Chestnut Rajah	R	Burma, India
<i>Charaxes karkloof capensis</i>		V	South Africa
<i>Charaxes marieps</i>		V	South Africa
<i>Charaxes usambarae</i>		V	Tanzania
<i>Charaxes xiphares desmondi</i>		V	Kenya
<i>Charaxes xiphares xiphares</i>	Western Forest Emperor	V	South Africa
<i>Cymothoe alcimeda alcimeda</i>	Battling Glider	V	South Africa
<i>Cymothoe amaniensis</i>		V	Tanzania
<i>Cymothoe aurivillii</i>		R	Tanzania
<i>Cymothoe magambae</i>		V	Tanzania
<i>Cymothoe melanjae</i>		R	Malawi
<i>Cymothoe teita</i>		V	Kenya
<i>Doleschallia bisaltide andamana</i>	Andaman Leafwing	R	Andaman Is
<i>Euphydryas editha bayensis</i>	Bay Checkerspot Butterfly	E	U.S.A.
<i>Euphydryas editha monoensis</i>	Mono Checkerspot Butterfly	I	U.S.A.
<i>Euryphura achlys</i>	Mottled Green	I	East & South Africa
<i>Euthalia malapana</i>		Ex	[Taiwan]
<i>Euxanthe madagascariensis</i>		R	Madagascar
<i>Fabriciana elisa</i>	Corsican Fritillary	V	France, Italy
<i>Heliconius charltonius peruvianus</i>		V	Ecuador, Peru
<i>Heliconius nattereri</i>	Natterer's Longwing	E	Brazil
<i>Heteronympha cordace comptena</i>		I	Tasmania
<i>Hypodryas maturna</i>		E	Europe
<i>Hypolimnas antevorta</i>	Scarce Fritillary	V	Tanzania
<i>Hypolimnas dubius drucei</i>		I	Comoro Is, Madagascar, Mauritius
<i>Neptis decaryi</i>		R	Madagascar
<i>Neptis manasa</i>	Pale Hockeysticker Sailer	R	China, India, Sikkim
<i>Neptis metella gratilla</i>		R	Madagascar
<i>Neptis nycteus</i>		R	Sikkim
<i>Neptis sankara nar</i>		R	Andaman Is
<i>Neptis sextilla</i>		I	Madagascar
<i>Phalanta philiberti</i>		E	Seychelles
<i>Phycodes batesi</i>	Tawny Crescent Butterfly	I	U.S.A.
<i>Salamis angustina angustina</i>	Salamis Retrecie	I	Madagascar, Mauritius
<i>Salamis angustina vinsoni</i>	Salamis Retrecie	I	Madagascar, Reunion
<i>Sasakia charonda</i>		Ex	[Mauritius]
		I	Japan, Taiwan

Family Saturniidae			
<i>Graellsia isabelae</i>	Spanish Moon Moth	V	France, Spain
<i>Saturnia pyri</i>	Great Peacock Moth	E	Austria, Czechoslovakia, F.R.G.
Family Sphingidae			
<i>Celerio wilsoni perkinsi</i>	Kern Primrose Sphinx Moth	E	Hawaii
<i>Euproserpinus euterpe</i>	Prairie Sphinx Moth	V	U.S.A.
<i>Euproserpinus wiesti</i>		E	U.S.A.
<i>Hyles hippophaes</i>	Blackburn's Sphinx Moth	V	Europe & U.S.S.R.
<i>Manduca blackburni</i>		Ex?	[Hawaii]
<i>Proserpinus proserpina</i>		V	Central & South Europe, Middle East
<i>Tinostoma smaragditis</i>	Fabulous Green Sphinx of Kauai	Ex?	[Hawaii]
Family Noctuidae			
<i>Acrionicta albarufa</i>	Albarufan Dagger Moth	I	Canada, U.S.A.
<i>Agrotis crinigera</i>	Poko Noctuid Moth	Ex?	[Hawaii]
<i>Agrotis fasciata</i>	Midway Noctuid Moth	Ex	[Hawaii]
<i>Agrotis kerri</i>	Kerr's Noctuid Moth	Ex?	[Hawaii]
<i>Agrotis laysanensis</i>	Laysan Noctuid Moth	Ex	[Hawaii]
<i>Agrotis photophila</i>		Ex	[Hawaii]
<i>Agrotis procellaris</i>	Procellaris grotis Noctuid Moth	Ex	[Hawaii]
<i>Catocala marmorata</i>	Marbled Underwing Moth	I	U.S.A.
<i>Catocala pretiosa</i>	Precious Underwing Moth	I	U.S.A.
<i>Erythroecia hebardii</i>	Hebard's Noctuid Moth	I	U.S.A.
<i>Helicoverpa confusa</i>	Confused Moth	Ex?	[Hawaii]
<i>Helicoverpa minuta</i>	Minute Noctuid Moth	Ex	[Hawaii]
<i>Hydraecia petasitis</i>		E	Austria, F.R.G.
<i>Hypena laysanenstis</i>	Laysan Dropseed Noctuid Moth	Ex	[Hawaii]
<i>Hypena newelli</i>	Hilo Noctuid Moth	Ex?	[Hawaii]
<i>Hypena plagiota</i>	Lovegrass Noctuid Moth	Ex?	[Hawaii]
<i>Hypena senicula</i>	Kaholuamano Noctuid Moth	Ex?	[Hawaii]
<i>Lithophane lemmeri</i>	Lemmer's Noctuid Moth	I	U.S.A.
<i>Peridroma porphyrea</i>		Ex	[Hawaii]
<i>Pyreferra ceromaitica</i>	Ceromatic Noctuid Moth	I	Canada, U.S.A.
Order HYMENOPTERA			
Family Eupelmidae			
<i>Eupelmus nihoaensis</i>	Nihoa Eupelmus Wasp	I	Hawaii

Family Bethyridae
Sclerodermus nihoaensis

Nihoa Sclerodermus Wasp I Hawaii

Family Mutillidae
Myrmosula pacifica

Antioch Mutillid Wasp I U.S.A.

Family Formicidae

- Anergates atratulus* I F.R.G., Switzerland, U.K.
- Aneuretus simoni* K Sri Lanka
- Aulacopone relicta* K Azerbaydzhan
- Camponotus aethiops* I F.R.G.
- Camponotus dalmanicus* I Switzerland
- Camponotus fallax* I F.R.G.
- Camponotus universitatis* I F.R.G., France
- Epinyrma groesswaldi* I Europe
- Epinyrma ravouxi* R Central & Southern Europe
- Formica aquilonia* V F.R.G.
- Formica lugubris* V F.R.G., Italy
- Formica polyctena* V F.R.G., Italy
- Formica pratensis* V U.K.
- Formica rufa* V Central Europe
- Formica transcaucasica* I Northern Europe
- Formica uvalensis* I F.R.G., Switzerland
- Leptothorax goesswaldi* K Switzerland
- Myrmica bibikoffi* I Switzerland
- Myrmica slovaca* I Switzerland
- Nothomyrmecta macrops* K Australia
- Polyergus rufescens* I F.R.G.

Family Vespidae

- Odynerus niihauensis* E Hawaii
- Odynerus soror* E Hawaii

Family Sphecidae

- Deinonimessa hawaiiensis* E Hawaii
- Deinonimessa punae* E Hawaii
- Ectemnius curtipes* E Hawaii
- Ectemnius fulvicrus* E Hawaii
- Ectemnius giffardi* E Hawaii

Ectemnius haleakalae
Ectemnius nesocrabo bidecoratus
Eucerceris ruficeps
Nesomimesa kawaiensis
Nesomimesa perkins
Nesomimesa sciopteryx
Philanthus nasalis

Haleakala Sphecid Wasp
 Bidecoratus Sphecid Wasp
 Redheaded Sphecid Wasp
 Kauai Sphecid Wasp
 Shade-winged Sphecid Wasp
 Antioch Sphecid Wasp

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Hawaii
 Hawaii
 U.S.A.
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Family Colletidae
Nesoprotopis (57 species)

Yellow-faced Bee

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Hawaii

Family Andrenidae
Perdita hirticeps luteocincta
Perdita scitula antiochensis

Yellow Banded Andrenid Bee
 Antioch Andrenid Bee

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 U.S.A.

Family Megachilidae
Chalicodoma pluto

Wallace's Giant Bee

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Moluccas

CLASS ONYCHOPHORA

Order ONYCHOPHORA

Family Peripatidae
Family Peripatopsidae
Dendy sp. (3 species)
Euperipatoides sp.nr. leuckartii
Ooperipatellus insignis

Peripatus (10 genera)
 Peripatus (12 genera)

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Equatorial Tropics
 Southern Hemisphere
 Tasmania
 Tasmania
 Tasmania

Phylum ECHINODERMATA

CLASS ECHINOIDA

Order ECHINOIDA
Family Echinidae
Echinus esculentus
Paracentrotus lividus

European Edible Sea Urchin
 Purple Urchin

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North-east Atlantic
 North-east Atlantic, Mediterranean

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The Red Data Book concept, originated by Sir Peter Scott in the mid-1960s, aims to focus attention on the plight of the earth's vanishing wildlife. The concept has been outstandingly successful and, two decades later, many national, regional, and global Red Data Books have been published, with many more countries in the process of compiling their own lists of threatened species. The information provided in national and regional compilations will inevitably be more detailed than the global overviews produced by IUCN. There is, however, an increasing demand for an international list that categorises the status of globally threatened taxa, and it is to meet this demand that the IUCN Red List of Threatened Animals has been produced. This edition is an update of the original 1986 Red List, and it is proposed to publish new editions on a regular basis.

Produced from the databases of the IUCN Conservation Monitoring Centre, the Red List presents for each threatened species the scientific name, the English vernacular name, the IUCN threatened category, and a brief description of the animal's range. This is followed by an index to the list based on the order, family, and generic names, with vernacular names for major groupings. Also included is an overview of biotic extinctions prepared by Bruce Wilcox of the Center for Conservation Biology at Stanford University. A guest essay will be a regular feature of future editions.

Whilst the length of the list makes depressing reading, the information it contains is of fundamental value to animal conservationists.

Prepared with financial support from the World Wide Fund for Nature and the United Nations Environment Programme, and published with a grant from the David Shepherd Charitable Foundation.

A contribution to GEMS – the Global Environment Monitoring System.



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