

1990 IUCN Red List of Threatened Animals

Compiled by the
World Conservation Monitoring Centre





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IUCN - THE WORLD CONSERVATION UNION

Founded in 1948, IUCN – the World Conservation Union – is a membership organisation comprising governments, non-governmental organisations (NGOs), research institutions, and conservation agencies in 120 countries. The Union's objective is to promote and encourage the protection and sustainable utilisation of living resources.

Several thousand scientists and experts from all continents form part of a network supporting the work of its six Commissions: threatened species, protected areas, ecology, sustainable development, environmental law and environmental education and training. Its thematic programmes include tropical forests, wetlands, marine ecosystems, plants, the Sahel, Antarctica, population and sustainable development, and women in conservation. These activities enable IUCN and its members to develop sound policies and programmes for the conservation of biological diversity and sustainable development of natural resources.

WCMC - THE WORLD CONSERVATION MONITORING CENTRE

The World Conservation Monitoring Centre (WCMC) is a joint venture between the three partners in the World Conservation Strategy, the World Conservation Union (IUCN), the World Wide Fund for Nature (WWF) and the United Nations Environment Programme (UNEP). Its mission is to support conservation and sustainable development by collecting and analysing global conservation data so that decisions affecting biological resources are based on the best available information.

WCMC has developed a global overview database of the world's biological diversity that includes threatened plant and animal species, habitats of conservation concern, critical sites, protected areas of the world, and the utilisation and trade in wildlife species and products. Drawing on this database, WCMC provides an information service to the conservation and development communities, governments and United Nations agencies, scientific institutions, the business and commercial sector, and the media. WCMC produces a wide variety of specialist outputs and reports based on analyses of its data.

1990 IUCN Red List of Threatened Animals

Prepared by the
**World Conservation Monitoring Centre
Cambridge, U.K.**

In association with the
IUCN Species Survival Commission
and the
International Council for Bird Preservation

Guest Essay by
Dr Nathan Flesness and Dr Tom Foose
of the
IUCN/SSC Captive Breeding Specialist Group

**IUCN - THE WORLD CONSERVATION UNION
1990**

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FOREWORD

The Red List of species threatened with extinction is an international bulletin board alerting people to particulars of the diminishment of biodiversity worldwide. It is a very incomplete list, for, as Bruce Wilcox indicated in the last edition of the Red List, there are likely millions of inconspicuous species that are unclassified and that likely will be extinct before we know them scientifically. Nevertheless, the Red List and the Red Data Books of IUCN – the World Conservation Union, have served to stimulate many countries to assess the conservation status of their floras and faunas more extensively and completely. In response, laws and regulations to protect and conserve endangered species have been instituted nationally and internationally. There have also resulted more programmes to rescue endangered species under the protection of national parks, reserves, zoological parks, aquariums, and botanical gardens. And more habitat restoration and species reintroductions are now underway.

Yet catastrophic extinction waves are still before us if current practices and growth of human populations continue. The advent of a world convention or treaty on the conservation of biological diversity under the aegis of IUCN and the United Nations Environment Program is therefore a timely and much needed development to help stem the extinction tide. The member governments and organizations of IUCN should attend as rapidly and closely as possible to this opportunity to promote more effective conservation of living natural resources globally.

The principal users of this slim volume are no doubt already concerned or involved in aspects of species and habitat conservation. Yet all may not be aware of the complementary work of the IUCN to galvanize conservation efforts on behalf of Red List and other species. The reference here is to the Action Plan programme of IUCN's Species Survival Commission, which is a comprehensive scheme to specify the conservation status, priorities, and actions needed for many groups of plants and animals. Fifteen such plans by SSC Specialist Groups have been published, and several more are in preparation. Also in publication is a regional action plan for Sub-Saharan Africa compiled by Simon Stuart.

It is our hope that implementation of the SSC Action Plans can and will be followed by governments and non-governmental organizations, aided and assisted where possible by the SSC volunteer network of experts. Great encouragement of the overall Action Plan programme has been received this year through the Peter Scott Memorial Appeal. A generous gift from the Government of Oman will foster continuing preparation of the plans and first steps in implementation of those that have been completed. It is, of course, very fitting that Sir Peter Scott be remembered in this way, for he was the founder of the Species Survival Commission, the Red Data Books, and the Action Plan idea. There is a clear challenge to us to be as thoughtful and creative in continuing the work that he started.

In carrying on, the SSC has undertaken to re-examine the traditional categories used in classifying the conservation status of species. There is consequently now a study by Georgina Mace and Russell Lande examining extinction danger from the standpoint of population biology. There will be other studies relating to this question, including an attempt to rate extinction risks from causative human

activities. In this way, future Red Lists may become increasingly precise and compelling as they succinctly signal the condition of the world's heritage of species. Meanwhile, we must take up the cause of whole groups of species whose existence is suddenly imperilled – amphibians and sharks are immediate examples, with very different causational factors implicated.

Another approach to priorities in the conservation of biodiversity is identifying places rich in species and concentrating action on preservation and protection of these areas, labelled "hot spots" by Norman Myers. Recently, Russell Mittermeier has extended this idea to the political geography of the world and identified megadiversity countries that deserve focussed conservation attention. A suggested Green List of species important ecologically, evolutionarily, or economically may be another worthwhile venture. Such initiatives as well as the Red List are all valuable in reinforcing the message that people and their governments must act *now* if we are to conserve the world's natural heritage.

In closing, it is appropriate to acknowledge the extraordinary effort made by Jane Thornback in compiling this and previous Red Lists. It is also fitting to note that such labour and the expenses of producing the Red List, the Red Data Books, the SSC Action Plans, and related publications will be in vain unless conservationists of all kinds work to see that there are indeed adequate responses to the warnings of irrevocable losses of species that these publications provide. May this book's readers so commit themselves for the benefit of future generations.

George B. Rabb
Chairman, Species Survival Commission
IUCN, The World Conservation Union

INTRODUCTION

The *IUCN Red List of Threatened Animals* is a list of those taxa known by IUCN to be threatened with extinction. It complements the IUCN Red Data Books and the IUCN Species Action Plans, both of which contain more detailed information on the conservation status of species.

IUCN'S threatened animal list is compiled and maintained for IUCN by the World Conservation Monitoring Centre (WCMC) with the assistance of the International Council for Bird Preservation (ICBP). The list is published periodically. For each threatened taxon, the list includes its scientific name, english common name, IUCN threat category and a brief description of its distribution.

The threatened species list is based on information provided by numerous scientists and naturalists working in the field. The information may arrive at IUCN in the form of published and unpublished reports, books and correspondence. Much of the information is collated together by the Species Specialist Groups of IUCN's Species Survival Commission (SSC) and the Working Groups of the ICBP.

The threat category assigned to a species is determined by a review of the factors impinging on a species and the extent of the effect that these are having. Key factors that are examined include the change in distribution, change in numbers, degree and type of threat, population biology of the species and the level of conservation commitment and resources that the species is likely to benefit from. Currently, IUCN is reviewing new methods of assigning species threat categories.

The number of threatened taxa identified by IUCN is just over 5000, comprised of 698 mammals, 1047 birds, 191 reptiles, 63 amphibians, 762 fishes and 2250 invertebrates. Except for birds, for which ICBP have now attempted a global review, these numbers represent only those taxa known by IUCN to be threatened. Many, many more taxa are threatened, many of them as yet undescribed by science. The number of taxa listed in the Red List is therefore only a fraction of the numbers it might be. Biodiversity in all its forms is being lost at a rate far exceeding that of any earlier extinction phase. Added to the major threats of habitat loss and overexploitation must now be added the impending threat of climate change. This will have a far reaching effect on conservation of biodiversity since the role of national parks and protected areas will be undermined especially with regard to plant and invertebrate conservation.

The IUCN threatened species list is constantly under review, with changes arising as new studies are undertaken or as previously unreviewed groups are examined by conservationists. Any relevant information on the status of species should be sent to IUCN or WCMC:

Red List Inventory
World Conservation Monitoring Centre
219c Huntingdon Road, Cambridge CB3 0DL
United Kingdom

Fax: 0223 277136

GUEST ESSAY

THE ROLE OF CAPTIVE BREEDING IN THE CONSERVATION OF SPECIES

Nathan R. Flesness and Tom J. Foose

We have borrowed the Earth from our children, and are defaulting on the loan. Their planet will have less ability to sustain life, and less ability to sustain wonder.

There is understandable disagreement as to just exactly how many million fewer species there will be. Whatever the total, whatever terms used to measure it, we are witnessing a very rare event – a large scale reduction in the life forms on Earth. Such a loss of *kinds* of life seems to have happened only a few times in the last billion years, perhaps associated with the rare and catastrophic collision of Earth and a large meteor. Now, of course, we are seeing the catastrophic collision of Earth with an unprecedentedly large and powerful human population.

With such grand and terrible events going on, with a scale in the millions, what is the possible role of captive breeding programs for one or two thousand species?

One answer comes from the non-random pattern of the extinctions we are seeing. Though we are losing many uniquely adapted mice species, "mice" as a broad guild of creature, will certainly survive the next century or two. So will fox and coyote, thanks in part to the mice. But the larger carnivores – the grizzly, the tiger, the lion, the condor, the crocodile and crane, need larger and wilder space. Most such species are or will be at risk. The large herbivores – the rhino, elephants, desert antelopes, etc. not only need large areas of habitat but are commonly eliminated by human activity even before their habitat is. High cash value wild plants, such as orchids or exotic tropical hardwood trees are disappearing because of excessive harvest, not herbivores. Life forms that are large, slow-reproducing, insular, specialized for climax ecosystems, or have high cash value of harvest, are much less likely to be a part of the future ecology of the planet.

Sadly, we will lose more species of mice in the future, but not all mice. The same is true a thousand-fold for beetles. But we may lose *all* the rhino, and many or most of the broad group of wild mammals over 25kg or so. Similar perspectives but with different thresholds apply to birds, herps, fish, invertebrates, and plants. Humans naturally have often interacted deeply with life-forms that are very visible (birds, for example) or are within an order of magnitude of our own size. Loss of any species is a tragedy, but the larger forms – the elephant, buffalo, wolf, crane, and so on, have played particularly important roles in human ecology and culture. Many such species are, have been, and could again become important economically when we finally and inevitably make the transition to a sustainable society. Moreover, many such organisms have a special role in the heritage of peoples, or are of special religious importance. Or, *in extremis*, as phrased by Bill Conway, "Are not some creatures so marvellous and so important to our concept of Earth that they should be preserved when all traces of their evolutionary homes are gone?"

Tabulations by the World Conservation Monitoring Centre indicate that 3.7% of the land area of the Earth is now protected. Most of the rest is or will be developed or managed for human purposes so intensively that biological diversity will be greatly reduced. Some of the 3.7% is protected only on paper, some of it is under visitor parking lots. Because our species reserves 96% of the land surface for our own direct utilization, we had best learn or relearn ways to retain diversity in these unprotected areas as well.

The emerging science of Conservation Biology has provided a crude tool – Population Viability Analysis – to help evaluate persistence probabilities of populations over time, and to help rank and quantify both the various risks to survival, and the impacts of potential protective measures. When this PVA tool is applied to problem species, the answer most often produced is that not enough "wild" is left, that the species of interest is at risk from a combination of deterministic and stochastic factors, and at greater risk than our intuition expected. Setting aside 3.7% of the earth to protect life in general will not suffice, especially for large and top-of-the-food-chain creatures. We *must* protect more habitat, but often there is none left to protect outside of existing reserves.

Most habitat protection has necessarily been opportunistic. Many protected areas are now being found inadequate for the longer term. Often the "flagship" taxon, in whose name the area was initially protected does not have a reasonable chance of surviving in the area over time spans of the next century or two.

So why captive breeding? Aldo Leopold answered this with a striking aphorism – "the first rule of intelligent tinkering is to save all the pieces". Human activity, or tinkering, scores dismally on this intelligence test. The sum total of all our conservation activities (enormously smaller than our development activities) is failing to save anywhere near *all* of the pieces. The stakes have come down to saving *some* of the pieces.

Captive breeding can buy time. Time to correct a management error, time to stop human over-exploitation, time even to practice restoration ecology and restore some habitats – for which you need the pieces (species). Surely, re-introduction science and restoration ecology will themselves continue to make progress. In the most desperate cases, captive breeding can preserve valuable and fascinating living monuments to a wild that once was – time for our descendants to at least marvel at life, not just stuffed and ageing skins. In better cases, captive breeding may help buy time by augmenting an ongoing "wild" population which is too small to have a good chance of persistence without supplementary reservoir of both individuals and genes. In other cases, extinction of wild populations will someday be followed by complete re-introduction from captive-bred and sustained populations. Such programs have been accomplished in the past and have an even better chance in the future now that serious science and science-based patience are applied.

Some of course disagree, arguing instead that species cannot or should not be maintained *ex situ*. Such views would deny preservation and conservation options to all future generations. It is hard not to see this as profoundly arrogant.

The world's two bison species are historical examples of the role which captive breeding can play. The American bison (*Bison bison*) were reduced by Caucasian settlement from an estimated initial 60,000,000 to less than 1,000 by 1889. The

magnificent animals that today roam several protected areas in the American West were re-established beginning in 1907 with stock intentionally bred for this purpose at the Bronx Zoo (a wild remnant population estimated at 200 did survive in the then-new Yellowstone National Park). The equally magnificent European bison, or wisent (*Bison bonasus*) was *completely* exterminated in the wild in 1921, but was bred in zoos starting from 12 animals in 1913. Zoo bred stock was successfully re-introduced in 1956 into the remaining wild – the Bialoweiza Park – on the border of Poland and the U.S.S.R, where these animals thrive today.

Another important historical example is the Mongolian wild horse (*Equus przewalski*). A zoo population was established 1898-1900, with one additional wild-caught animal added in 1947. The species subsequently became extinct in the wild. Plans for re-introduction from zoo stock are now developing in Mongolia, China, and the U.S.S.R. What remains of this species has been sustained in captivity for as many as 14 generations.

In more recent years, two major improvements have occurred in the application of captive breeding to species preservation and conservation problems. One advance is the development and application of serious science to the re-introduction process. Though early efforts were occasionally successful, as mentioned above, most re-introductions were very casual in methodology and very mediocre in results. Modern approaches are exemplified by the Arabian oryx (*Oryx leucoryx*) which was hunted to extinction in the early 1970s but rescued by zoo-based captive breeding, then very successfully and scientifically re-introduced into Oman with the sponsorship of the Omani royal family under the leadership of Mark Stanley-Price. This species has since been re-introduced into another part of its original range, in Jordan. These experiences have led to an active IUCN/SSC/Re-introduction Specialist Group. Similarly serious scientific approaches are being taken in planning re-introductions of both the California condor (*Gymnogyps californianus*) and the Black-footed ferret (*Mustela nigripes*). Both of these are now extinct in the wild. After controversy delayed capture of the last several wild individuals of each, both are now successfully breeding in captivity. The high fecundity ferrets should be back in the wild less than a decade after their extinction. Captive breeding is being applied in numerous other cases as one tool to help in re-establishing species in areas from which they have been extirpated.

The second major advance is the development of cooperative national, regional, and international conservation management plans for zoo populations of important taxa. From early beginnings in the Anthropoid Ape Advisory Panel and Joint Management of Species Group in the United Kingdom and the development of the Species Survival Plans (SSP) by the American Association of Zoological Parks and Aquariums a decade ago, these cooperative captive conservation programs have expanded to include the Europaiesches Erhaltungszucht Program (EEP) program in zoos in Europe, Species Management Program (SMP) in Australasian zoos, developing programs in the Japanese Association of Zoological Gardens and Aquaria, and elsewhere. Over 150 taxa of all classes of vertebrates as well as the invertebrate genus *Partula* (endemic land snails of Moorea, now extinct in the wild) are now managed cooperatively by groups which total about 400 institutions (about half of the world's recognized zoos and aquariums). These programs use detailed population datasets (both individually-compiled studbooks and the International

Species Information System (ISIS) zoo database network) and contemporary population-and-conservation-biology analysis to support explicit conservation goals. Prime goals are retention of genetic diversity and maintenance of demographic stability (at the right time, generation of surplus for re-introduction). New programs, and coordination and linkage of existing national and regional programs, are being developed through the very active IUCN/SSC/Captive Breeding Specialist Group.

IUCN has already recognized the logic and contributions of captive breeding in the published IUCN Policy Statement on Captive Breeding, 4 Sept. 1987. This document makes the important point that captive breeding programs should be initiated when the wild population is still in the thousands. All too typically, as in the ferret and condor cases, captive options have been resisted until the wild population is less than 20(!), genetic erosion has already begun, the population is at maximum risk and there is no room or time for error, or for learning captive husbandry requirements.

Captive breeding is likely to buy time mostly for megafauna and attractive flora, as there are pre-existing institutions (and publics) interested in them and increasingly dependent on their propagation. Zoological gardens worldwide plan to expand from the 150 species now involved in multi-institution coordinated breeding programs, to perhaps 1,000 species. Botanical gardens are developing programs which may match or exceed this number.

Beyond the fact that the megafauna as a whole is uniquely threatened, captive propagation itself has disproportionate impact. The reasons are multiple:

- The public cares, and cares most about what it can see close to home. This care can be mobilized over time to change laws to better protect habitats and their occupants, protect more areas, even start habitat-restoration projects. Zoological and botanical exhibits of living creatures contribute substantially to nurturing emotional bonds between wild species and urban humans. Captive breeding of species at risk draws further powerful attention – people see the threatened "flagship" creature or plant in television or printed news media and can often go see it in person (or live on videocamera) at the nearby breeding zoo or garden. We are in the early stages of learning to harness this resource, but such attention has already been used to change detrimental laws (Bison, Black footed ferret), acquire and protect new habitat areas (Red wolf, innumerable Nature Conservancy areas) and even start ecosystem restoration projects (Round Island, Mauritius, St Helena).
- The megafauna has large ecological impact. Even though other taxa may have higher total body mass per hectare, megafaunal species often have major effects on succession and patchiness of habitats. If we don't save these pieces for future restored ecosystems, we may have to build robots to emulate their "keystone" roles.
- The megafauna requires the most room. Mobilizing public interest in them generates pressure for adequate wild habitat – areas large enough to operate as at least partially functional ecosystems and large enough to protect innumerable other taxa which can quietly thrive under their megafaunal "umbrella".

It is imperative that zoological and botanical institutions and other specialized facilities continue to increase their focus on threatened taxa. Broad scale review of taxa in need of captive propagation, institutional holdings and capacity, and demonstrated captive-breeding competence, is now being carried out as an integral part of the development of IUCN/SSC Action Plans. The collective zoological capacity is about 560,000 live specimens (International Zoo Yearbook, Vol. 26). Considerable collective competence with thousands of species is in hand. For example, ISIS data indicate that 92% of new zoo mammals are bred in captivity. Captive propagation facilities are developing, and must sustain, genetically and demographically sound captive-bred populations of hundreds, perhaps thousands, of wisely selected taxa. This role is well beyond that imagined when most of these institutions were established, and is beyond that even understood today by many of their funding sources. Nevertheless these programs are making increasingly real contributions to preserving some of the Earth's living heritage.

There will not be a single solution to the biodiversity crisis – it is simply too overwhelming. With luck there will be lots of little answers, each tapping different resources not available to the others, each contributing different pieces to a patchwork solution. This 1990 IUCN Red List identifies species known to be of special concern. Surely we want the readers of the 2000 IUCN Red List and the 2100 IUCN Red List, to find very few additional species marked Ex-extinct. In increasingly many cases, captive breeding is the only way we can keep this from happening.

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INVENTORY REPORT FORM

Report to be mailed to Species Inventory Project, The World Conservation Monitoring Centre, 219(c) Huntingdon Road, 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

E.g. habitat destruction, over-exploitation, hybridization, natural disasters, competition for food, introductions.

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 – use ISIS or International Zoo Yearbook. Does it breed readily in captivity?

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

The listing of species in the IUCN Red List of Threatened Animals is based on the information contained in the publications listed below, and on the advice and guidance of the Species Specialist Groups of the IUCN Species Survival Commission. The IUCN/SSC has published recently numerous Species Action Plans which contain extensive information on the conservation status of species. The listings of threatened birds are provided by the International Council for Bird Preservation (ICBP).

Mammals

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Fishes

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Invertebrates

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TAXONOMY

The systems of classification and nomenclature principally follow the under-mentioned authors.

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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 will 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 also used to identify taxa comprised of several sub-taxa which have differing status categories.

COMMERCIALY 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
F.S.M.	Federated States of Micronesia
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

**1990 IUCN RED LIST
OF THREATENED ANIMALS**

MAMMALS

Phylum CHORDATA

Class MAMMALIA

Order MONOTREMATA

Family Tachyglossidae

Zaglossus bruijini

V New Guinea

Order MARSUPIALIA

Family Macropodidae

Bettongia lesueur

Bettongia penicillata

Caloprymnus campestris

Dendrolagus dorianus notatus

Dendrolagus goodfellowi shawmayeri

Dorcopsis atrata

Dorcopsulus macleayi

Lagorchestes asomatus

Lagorchestes hirsutus

Lagorchestes leporides

Lagostrophus fasciatus

Macropus greyi

Onychogalea fraenata

Onychogalea lunata

Petrogale persephone

Potorous longipes

Potorous platyops

Long-beaked Echidna

Burrowing Bettong Australia
 Brush-tailed Bettong Australia
 Desert Rat-kangaroo Australia
 Doria's Tree-kangaroo New Guinea
 Goodfellow's Tree-kangaroo Papua New Guinea
 Black Dorcopsis Wallaby Papua New Guinea
 Papuan Dorcopsis [Australia]
 Central Hare-wallaby Australia
 Rufous Hare-wallaby [Australia]
 Eastern Hare-wallaby Australia
 Banded Hare-wallaby Australia
 Toolache Wallaby Australia
 Bridled Naitail Wallaby Australia
 Crescent Naitail Wallaby [Australia]
 Proserpine Rock-wallaby Australia
 Long-footed Potoroo Australia
 Broad-faced Potoroo [Australia]

Family Phalangeridae

Phalanger lulluluae

Woodlark Island Cuscus

E Woodlark I. (Papua New Guinea)

Phalanger permixtio

Phalanger rufoniger

Phalanger vestitus

Cuscus

Black-spotted Cuscus

Cuscus

R Papua New Guinea

R New Guinea

R New Guinea

Family Petauridae				
<i>Gymnobelideus leadbeateri</i>		Leadbeater's Possum	V	Australia
Family Vombatidae				
<i>Lasiorhinus krefftii</i>		Northern Hairy-nosed Wombat	E	Australia
Family Peramelidae				
<i>Chaeropus ecaudatus</i>		Pig-footed Bandicoot	Ex	[Australia]
<i>Echymipera clara</i>		White-lipped Bandicoot	R	New Guinea
<i>Perameles bougainville</i>		Western Barred Bandicoot	R	Australia
<i>Perameles eremiana</i>		Desert Bandicoot	Ex	[Australia]
Family Thylacomyidae				
<i>Macrotis lagotis</i>		Greater Bilby	E	Australia
<i>Macrotis leucura</i>		Lesser Bilby	Ex	[Australia]
Family Dasyuridae				
<i>Antechinus apicalis</i>		Dibbler	I	Australia
<i>Phascogale calura</i>		Red-tailed Phascogale	I	Australia
<i>Sminthopsis douglasi</i>		Julia Creek Dunnart	I	Australia
<i>Sminthopsis longicaudata</i>		Long-tailed Dunnart	K	Australia
<i>Sminthopsis psammophila</i>		Sandhill Dunnart	K	Australia
Family Myrmecobiidae				
<i>Myrmecobius fasciatus</i>		Numbat	E	Australia
Family Thylacinidae				
<i>Thylacinus cynocephalus</i>		Thylacine	Ex	[Tasmania]

Order INSECTIVORA

Family Solenodontidae

Solenodon cubanus

Solenodon paradoxus

Cuban Solenodon

Haitian Solenodon

E
Cuba

E
Hispaniola

Family Tenrecidae

Geogale aurita aurita

Geogale aurita orientalis

Limnogale mengulus

Microgale brevicaudata

Microgale crassipes

Microgale drouhardi

Microgale gracilis

Microgale longicaudata

Microgale longirostris

Microgale majori

Microgale melanorrhachis

Microgale occidentalis

Microgale parvula

Microgale principula

Microgale prolixicaudata

Microgale pulla

Microgale sorella

Microgale taiva

Microgale thomasi

Large-eared Tenrec

Eastern Large-eared Tenrec

Aquatic Tenrec

Short-tailed Shrew-tenrec

Large-footed Shrew-tenrec

Drouhard's Shrew-tenrec

Gracile Shrew-tenrec

Lesser Long-tailed Shrew-tenrec

Long-nosed Shrew-tenrec

Major's Lesser Long-tailed Shrew-tenrec

Striped Shrew-tenrec

Western Short-tailed Shrew-tenrec

Pygmy Shrew-tenrec

Greater Long-tailed Shrew-tenrec

Northern Lesser Long-tailed Shrew-tenrec

Dark Pygmy Shrew-tenrec

Long-tailed Shrew-tenrec

Taiwi Shrew-tenrec

Thomas's Shrew-tenrec

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Family Potamogalidae

Micropotamogale lamottei

Micropotamogale ruwenzorii

Nimba Otter-shrew

Ruwenzori Otter-shrew

E
Guinea, Cote d'Ivoire, Liberia

I
Uganda, Zaire

Family Chrysochloridae

<i>Amblysomus gunningi</i>					South Africa
<i>Amblysomus iris</i>					South Africa
<i>Amblysomus julianae</i>					South Africa
<i>Chlorotalpa duthiae</i>					South Africa
<i>Chlorotalpa obtusirostris</i>					Mozambique, Zimbabwe, South Africa
<i>Chlorotalpa sclateri</i>					South Africa
<i>Chlorotalpa tytonis</i>					Somalia
<i>Chrysochloris visagiei</i>					South Africa
<i>Chrysospalax trevelyani</i>					South Africa
<i>Chrysospalax villosus</i>					South Africa
<i>Cryptochloris wintoni</i>					South Africa
<i>Cryptochloris zyl</i>					South Africa
<i>Eremitalpa granti</i>					South Africa, Namibia

Gunning's Golden Mole
 Zulu Golden Mole
 Juliana's Golden Mole
 Duthie's Golden Mole
 Yellow Golden Mole
 Sclater's Golden Mole
 Somali Golden Mole
 Visagie's Golden Mole
 Giant Golden Mole
 Rough-haired Golden Mole
 De Winton's Golden Mole
 Van Zyl's Golden Mole
 Grants' Golden Mole

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Family Erinaceidae

<i>Atelerix frontalis</i>					South Africa
<i>Podogymnura truei</i>					Philippines

South African Hedgehog
 Mindanao Gymnure

R
 V

Family Talpidae

<i>Desmana moschata</i>					U.S.S.R.
<i>Galemys pyrenaicus</i>					France, Portugal, Spain

Russian Desman
 Pyrenean Desman

V
 V

Family Soricidae

<i>Crocidura ansellorum</i>					Zambia
<i>Crocidura baileyi</i>					Ethiopia
<i>Crocidura congolensis</i>					Zaire
<i>Crocidura crenata</i>					Gabon
<i>Crocidura eisentrauti</i>					Cameroon
<i>Crocidura glassi</i>					Ethiopia
<i>Crocidura grassiei</i>					Cameroon, C. African Rep., Gabon

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<i>Crocidura kivuana</i>	K	Zaire
<i>Crocidura lanosa</i>	K	Rwanda, Zaire
<i>Crocidura latona</i>	K	Zaire
<i>Crocidura longipes</i>	K	Nigeria
<i>Crocidura lucina</i>	K	Ethiopia
<i>Crocidura ludia</i>	K	Zaire
<i>Crocidura manengubae</i>	K	Cameroon
<i>Crocidura maquassiensis</i>	K	South Africa, Zimbabwe
<i>Crocidura monax</i>	K	Kenya, Tanzania, Zaire
<i>Crocidura nimbae</i>	K	Guinea, Cote d'Ivoire, Liberia
<i>Crocidura odorata goliath</i>	Ex	[W. Africa]
<i>Crocidura phaeura</i>	K	Ethiopia
<i>Crocidura polia</i>	K	Zaire
<i>Crocidura raineyi</i>	K	Kenya
<i>Crocidura selina</i>	K	Uganda
<i>Crocidura stenocephala</i>	K	Zaire
<i>Crocidura tansaniana</i>	K	Tanzania
<i>Crocidura telfordi</i>	K	Tanzania
<i>Crocidura thalia</i>	K	Tanzania
<i>Crocidura thomensis</i>	K	Ethiopia
<i>Crocidura usambarae</i>	K	Sao Tome
<i>Crocidura wimmeri</i>	K	Tanzania
<i>Crocidura zimmermanni</i>	K	Cote d'Ivoire
<i>Myosorex eisentrauti</i>	R	Crete I. (Greece)
<i>Myosorex geata</i>	K	Cameroon, Eq. Guinea
<i>Myosorex longicaudatus</i>	K	Tanzania
<i>Myosorex polli</i>	K	South Africa
<i>Myosorex schalleri</i>	K	Zaire
<i>Paracrocidura graueri</i>	K	Zaire
<i>Paracrocidura maxima</i>	K	Zaire
<i>Suncus remyi</i>	K	Rwanda, Uganda, Zaire
<i>Sylvisorex howelli</i>	K	Gabon
	K	Tanzania
Maquassie Musk Shrew		
Giant African Forest Shrew		
Long-tailed Forest Shrew		
Gabon Dwarf Shrew		

Sylvioorex ollula
Sylvioorex suncooides

Family Macroscelididae

Petrodromus tetradactylus sangi
Rhynchocyon chrysoxygus
Rhynchocyon cirnei cirnei
Rhynchocyon cirnei hendersoni
Rhynchocyon petersi

K Cameroon, Gabon, Zaire
I Rwanda, Uganda, Zaire

Four-toed Elephant-shrew
Golden-rumped Elephant-shrew
Chequered Elephant-shrew
Chequered Elephant-shrew
Black-and-Rufous Elephant-shrew

K Kenya
V Kenya
K Mozambique
R Malawi
R Kenya, Tanzania, Pemba I., Zanzibar

Order CHIROPTERA

Family Pteropodidae

Acerodon lucifer
Alionycteris paucidentata
Aproteles bulmerae
Dobsonia exoleta chapmani
Dobsonia minor
Dyacopterus brooksi
Dyacopterus spadiceus
Latidens salimalii
Megaerops kusnotoi
Nyctimene rabori
Otopteropus cartilagonodus
Pteropus insularis
Pteropus livingstonei
Pteropus macrotis
Pteropus mariannus

Pteropus mollossinus
Pteropus niger
Pteropus phaeocephalus
Pteropus pilosus

Panay Giant Fruit Bat
Bulmer's Fruit Bat
Chapman's Fruit Bat
Lesser Naked-backed Fruit Bat
Dayak Fruit Bat
Javan Tail-less Fruit Bat
Philippines Tube-nosed Fruit Bat
Truk Flying Fox
Comoro Black Flying Fox
Big-eared Flying Fox
Marianna Flying Fox
Pohnpei Flying Fox
Mauritian Flying Fox
Mortlock Flying Fox
Large Palau Flying Fox

Ex [Panay I. (Philippines)]
K Mindanao (Philippines)
K New Guinea
Ex? Negros I. (Philippines)
K Irian Jaya (Indonesia)
K Sumatra (Indonesia)
K Malaya, Borneo
K S. India
K Java (Indonesia)
E Negros I. (Philippines)
K Luzon (Philippines)
E Truk Is (F.S.M.)
E Comoro Is
I New Guinea, Aru Is
E N. Mariana Is, Palau, Caroline Is, Guam, Ryukyu Is
E Mortlock and Pohnpei Is (F.S.M.)
V Mauritius
E Mortlock Is (F.S.M.)
Ex [Palau I. (F.S.M.)]

<i>Pteropus rodricensis</i>	Rodrigues Flying Fox	E	Rodrigues
<i>Pteropus samoensis</i>	Samoaan Flying Fox	E	American Samoa, W. Samoa, Fiji
<i>Pteropus seychellensis aldabrensis</i>	Seychelles Flying Fox	V	Aldabra I. (Seychelles)
<i>Pteropus subniger</i>	Lesser Mascarene Flying Fox	Ex	[Mauritius, Reunion]
<i>Pteropus tokudae</i>	Guam Flying Fox	Ex	[Guam (U.S.A.)]
<i>Pteropus tonganus</i>	Insular Flying Fox	I	Karkar I. (New Guinea) to Samoa
<i>Pteropus voeltzkowi</i>	Pemba Flying Fox	E	Pemba I. (Tanzania)
Family Emballonuridae			
<i>Coleura seychellensis</i>	Seychelles Sheath-tailed Bat	E	Seychelles
<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
Family Craseonycteridae			
<i>Craseonycteris thonglongyai</i>	Kititi'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. (Indonesia)
<i>Hipposideros ridleyi</i>	Ridley's Leaf-nosed Bat	I	Singapore, Pen. Malaysia, Sabah
<i>Rhinonicteris aurantia</i>	Orange Leaf-nosed Bat	K	N. Australia
Family Phyllostomatidae			
<i>Leptonycteris nivalis</i>	Mexican Long-nosed Bat	V	S. U.S.A. to Guatemala
<i>Leptonycteris yerbabuena</i>	Little Long-nosed Bat	V	S. U.S.A. to El Salvador
<i>Phyllonycteris aphylla</i>	Jamaican Flower Bat	K	Jamaica
<i>Phyllonycteris major</i>	Puerto Rican Flower Bat	Ex?	Puerto Rico
<i>Phyllonycteris poeyi</i>	Cuban Flower Bat	K	Cuba, Hispaniola

Family Vespertilionidae

Kerivoula africana
Myzopoda aurita

Tanzanian Woolly Bat
Sucker-footed Bat

Ex? Tanzania
V Madagascar

Family Mystacinidae

Glischropus javanus
Lasiurus cinereus semotus
Myotis bartelsii
Myotis capaccinii
Myotis dasycneme
Myotis grisescens
Myotis hermani
Myotis myotis
Myotis sodalis
Plecotus townsendii

Javan Thick-thumbed Bat
Hawaiian Hoary Bat
Bartel's Myotis
Long-fingered Bat
Pond Bat
Grey Bat
Herman's Myotis
Mouse-eared Bat
Indiana Bat
Townsend's Big-eared Bat

K Java (Indonesia)
I Hawaii (U.S.A.)
K Java (Indonesia)
V Europe, S. Asia Minor, N.W. Africa
K Europe to Siberia
E U.S.A.
R N.W. Sumatra (Indonesia)
K Europe to Ukraine
V U.S.A.
I Canada, Mexico, U.S.A.

Family Molossidae

Mystacina robusta
Mystacina tuberculata
Otomops formosus

New Zealand Lesser Short-tailed Bat
New Zealand Greater Short-tailed Bat
Javan Mastiff Bat

Ex [New Zealand]
V New Zealand
K Java (Indonesia)

Order PRIMATES

Family Cheirogaleidae

Allocebus trichotis
Mirza coquereli
Phaner furcifer

Hairy-eared Dwarf Lemur
Coquerel's Dwarf Lemur
Fork-marked Dwarf Lemur

E Madagascar
V Madagascar
R Madagascar

Family Megaladapidae

Lepilemur dorsalis
Lepilemur edwardsi
Lepilemur leucopus

Grey-backed Sportive Lemur
Milne-Edwards' Sportive Lemur
White-footed Sportive Lemur

V Madagascar
R Madagascar
R Madagascar

Lepilemur microdon
Lepilemur mustelinus
Lepilemur ruficaudatus
Lepilemur septentrionalis

Family Lemuridae

Hapalemur aureus
Hapalemur griseus alaotrensis
Hapalemur griseus griseus
Hapalemur griseus occidentalis
Hapalemur sinus
Lemur catta
Lemur coronatus
Lemur fulvus albifrons
Lemur fulvus albocollaris
Lemur fulvus collaris
Lemur fulvus fulvus
Lemur fulvus mayottensis
Lemur fulvus rufus
Lemur fulvus sanfordi
Lemur macaco
Lemur macaco flavifrons
Lemur mongoz
Lemur rubriventer
Varecia variegata

Family Indriidae

Avahi laniger
Indri indri
Propithecus diadema
Propithecus tattersalli
Propithecus verreauxi

Microdon Sportive Lemur
Weasel Sportive Lemur
Red-tailed Sportive Lemur
Northern Sportive Lemur

Golden Bamboo Lemur
Alaotran Gentle Lemur
Grey Gentle Lemur
Western Gentle Lemur
Greater Bamboo Gentle Lemur
Ring-tailed Lemur
Crowned Lemur
White-fronted Lemur
White-collared Lemur
Collared Lemur
Brown Lemur
Mayotte Lemur
Red-fronted Lemur
Sanford's Lemur
Black Lemur
Sclater's Lemur
Mongoose Lemur
Red-bellied Lemur
Ruffed Lemur

Woolly Lemur
Indri
Diademed Sifaka
Golden Crowned Sifaka
Verreaux's Sifaka

R Madagascar
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Family Daubentonidae
Daubentonia madagascariensis

E Madagascar

Aye-aye

Family Lorisidae

- Arctocebus calabarensis*
- Galago thomasi*
- Galago zanzibariensis*
- Nycticebus pygmaeus*

K West Africa
K East Africa
V East Africa
V Indochina

- Angwantibo
- Thomas's Bushbaby
- Zanzibar Bushbaby
- Pygmy Loris

Family Tarsiidae

- Tarsius pumilus*
- Tarsius syrichta*

I Sulawesi (Indonesia)
E Philippines

- Lesser Spectral Tarsier
- Philippine Tarsier

Family Cebidae

- Alouatta fusca*
- Alouatta villosa*
- Ateles belzebuth*
- Ateles fusciceps*
- Ateles geoffroyi*
- Ateles paniscus*
- Brachyteles arachnoides*
- Cacajao calvus*
- Cacajao melanocephalus*
- Callitricus personatus*
- Chiropotes albinasus*
- Chiropotes satanas satanas*
- Lagothrix flavicauda*
- Lagothrix lagotricha*
- Saimiri oerstedii*

V Brazil
K Belize, Guatemala, Mexico
V South America
V Panama, Colombia, Ecuador
V Central America, Mexico
V South America
E Brazil
V Brazil, Colombia, Peru
V Brazil, Colombia, Venezuela
E Brazil
V Brazil
E Brazil
E Peru
V South America
E Costa Rica, Panama

- Brown Howler Monkey
- Guatemalan Black Howler Monkey
- Long-haired Spider Monkey
- Brown-headed Spider Monkey
- Geoffroy's Spider Monkey
- Black Spider Monkey
- Woolly Spider Monkey
- Red and White Uakari
- Black-headed Uakari
- Masked Titi
- White-nosed Saki
- Southern Bearded Saki
- Yellow-tailed Woolly Monkey
- Woolly Monkey
- Central American Squirrel Monkey

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 chrysoleuca</i>	Santarem Marmoset	K	Brazil
<i>Callithrix humeralifer intermedius</i>	Santarem Marmoset	K	Brazil
<i>Leontopithecus caissara</i>	Black-faced Lion Tamarin	E	Brazil
<i>Leontopithecus chrysomelas</i>	Golden-headed Lion Tamarin	E	Brazil
<i>Leontopithecus chrysopygus</i>	Black Lion Tamarin	E	Brazil
<i>Leontopithecus rosalia</i>	Golden Lion Tamarin	E	Brazil
<i>Saguinus bicolor</i>	Pied Tamarin	E	Brazil
<i>Saguinus imperator</i>	Emperor Tamarin	I	Bolivia, Brazil, Peru
<i>Saguinus leucopus</i>	White-footed Tamarin	E	Colombia
<i>Saguinus oedipus oedipus</i>	Cottontop Tamarin	E	Colombia

Family Cercopithecidae

<i>Allenopithecus nigroviridis</i>	Allen's Swamp Monkey	K	Angola, Congo, Zaire
<i>Cercocebus aterrimus</i>	Black Mangabey	K	N. Angola, C. Zaire
<i>Cercocebus galeritus galeritus</i>	Tana River Mangabey	E	Kenya
<i>Cercocebus galeritus sanje</i>	Sanje Crested Mangabey	E	Tanzania
<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	V	Cameroon, Bioko, Nigeria
<i>Cercopithecus erythrotis sclateri</i>	White-throated Guenon	E	Nigeria
<i>Cercopithecus hamlyni</i>	Owl-faced Guenon	V	Rwanda, Uganda, Zaire
<i>Cercopithecus lhoesti</i>	L'Hoest's Guenon	V	Burundi, Rwanda, Uganda, Zaire
<i>Cercopithecus preussi</i>	Preuss's Guenon	E	Cameroon, Bioko, Nigeria
<i>Cercopithecus salongo</i>	Salongo Guenon	V	Zaire
<i>Cercopithecus solatus</i>	Sun-tailed Guenon	V	Gabon

<i>Colobus satanas</i>	Black Colobus	E	Cameroon, Congo, Eq. Guinea, Gabon
<i>Mandrillus leucophaeus</i>	Drill	E	Cameroon, Eq. Guinea, Nigeria
<i>Mandrillus sphinx</i>	Mandrill	V	Cameroon, Congo, Eq. Guinea, Gabon
<i>Papio hamadryas</i>	Hamadryas Baboon	R	Ethiopia, Somalia, S. Arabia
<i>Procolobus [b.] badius badius</i>	Bay Colobus	V	Guinea, Cote d'Ivoire, Liberia, Sierra Leone
<i>Procolobus [b.] badius temminckii</i>	Temminck's Red Colobus	R	Gambia, Guinea, Guinea-Bissau, Senegal
<i>Procolobus [b.] badius waldroni</i>	Miss Waldron's Bay Colobus	E	Ghana, Cote d'Ivoire
<i>Procolobus [b.] gordonorum</i>	Uhehe Red Colobus	E	Tanzania
<i>Procolobus [b.] kirkii</i>	Zanzibar Red Colobus	E	Zanzibar
<i>Procolobus [b.] pennanti</i>	Pennant's Red Colobus	E	Cameroon
<i>Procolobus [b.] pennanti bouvieri</i>	Bouvier's Red Colobus	E	Congo
<i>Procolobus [b.] pennanti pennanti</i>	Pennant's Red Colobus	E	Eq. Guinea
<i>Procolobus [b.] pennanti preussi</i>	Preuss's Red Colobus	E	Cameroon, Nigeria
<i>Procolobus [b.] rufomitratatus</i>	Eastern Red Colobus	V	East & Central Africa
<i>Procolobus [b.] rufomitratatus ellioti</i>	Elliot's Red Colobus	K	Uganda, Zaire
<i>Procolobus [b.] rufomitratatus foai</i>	Foa Red Colobus	K	Zaire
<i>Procolobus [b.] rufomitratatus oustaleti</i>	Oustalet's Red Colobus	K	Sudan, Zaire
<i>Procolobus [b.] rufomitratatus rufomitratatus</i>	Tana River Red Colobus	E	Kenya
<i>Procolobus [b.] rufomitratatus tephrosceles</i>	Uganda Red Colobus	V	Burundi, Tanzania, Uganda, Zaire
<i>Procolobus [b.] rufomitratatus tholloni</i>	Thollon's Red Colobus	K	Zaire
<i>Procolobus [badius] badius</i>	Western Red Colobus	V	West Africa
<i>Procolobus verus</i>	Olive Colobus	R	West Africa
<i>Theropithecus gelada</i>	Gelada Baboon	R	Ethiopia
<i>Macaca brunneescens</i>	Muna-Butung Macaque	K	Sulawesi (Indonesia)
<i>Macaca cyclopis</i>	Taiwan Macaque	V	Taiwan
<i>Macaca fuscata yakui</i>	Yakushima Macaque	E	Japan
<i>Macaca hecki</i>	Heck's Macaque	V	Sulawesi (Indonesia)
<i>Macaca maura</i>	Moor Macaque	V	Sulawesi (Indonesia)

<i>Macaca pagensis</i>	Mentawai Macaque	E	Mentawai Is (Indonesia)
<i>Macaca silenus</i>	Lion-tailed Macaque	E	S. India
<i>Macaca sylvanus</i>	Barbary Macaque	V	Algeria, Gibraltar*, Morocco
<i>Macaca thibetana</i>	Tibetan Macaque	K	China
<i>Nasalis larvatus</i>	Proboscis Monkey	V	Borneo
<i>Presbytis comata</i>	Javan Leaf Monkey	E	Java (Indonesia)
<i>Presbytis potenziani</i>	Mentawai Leaf Monkey	E	Mentawai Is (Indonesia)
<i>Pygathrix nemaeus</i>	Red-shanked Douc Langur	E	C. Vietnam, E.C. Laos
<i>Pygathrix nigripes</i>	Black-shanked Douc Monkey	E	S. Vietnam, S. Laos, E. Cambodia
<i>Rhinopithecus auunculus</i>	Tonkin Snub-nosed Monkey	E	N. Vietnam
<i>Rhinopithecus bieti</i>	Yunnan Snub-nosed Monkey	E	China
<i>Rhinopithecus brelichi</i>	Guizhou Snub-nosed Monkey	E	China
<i>Rhinopithecus roxellanae</i>	Sichuan Golden Snub-nosed Monkey	V	China
<i>Simias concolor</i>	Pig-tailed Langur	E	Mentawai Is (Indonesia)
<i>Trachypithecus francoisi</i>	Tonkin Leaf Monkey	E	Indochina
<i>Trachypithecus geei</i>	Golden Leaf Monkey	R	Bhutan, India
<i>Trachypithecus johnii</i>	Nilgiri Leaf Monkey	E	S. India
<i>Trachypithecus leucocephalus</i>	White-headed Black Leaf Monkey	E	S. China
Family Hylobatidae			
<i>Hylobates concolor</i>	Black Gibbon	V	China, Indochina
<i>Hylobates hoolock</i>	Hoolock Gibbon	V	Bangladesh to Yunnan (China)
<i>Hylobates klossi</i>	Kloss's Gibbon	E	Mentawai Is (Indonesia)
<i>Hylobates moloch</i>	Javan Gibbon	E	Java (Indonesia)
<i>Hylobates pileatus</i>	Pileated Gibbon	E	Indochina, Thailand
<i>Pongo pygmaeus</i>	Orang-utan	E	Borneo, Sumatra
Family Pongidae			
<i>Gorilla gorilla</i>	Gorilla	V	Equatorial Africa
<i>Gorilla gorilla berengei</i>	Mountain Gorilla	E	Rwanda, Uganda, Zaire
<i>Gorilla gorilla graueri</i>	Eastern Lowland Gorilla	E	E. Zaire
<i>Pan paniscus</i>	Pygmy Chimpanzee	V	Congo, Zaire

Pan troglodytes
Pan troglodytes verus

Chimpanzee
West African Chimpanzee

V Equatorial Africa
E West Africa

Order EDENTATA
Family Myrmecophagidae
Myrmecophaga tridactyla

Giant Anteater

V Central & South America

Family Bradypodidae
Bradypus torquatus

Maned Sloth

E Brazil

Family Dasypodidae
Chlamyphorus retusus
Chlamyphorus truncatus
Priodontes giganteus
Tolypeutes tricinctus

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

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

Order LAGOMORPHA
Family Ochotonidae
Ochotona koslowi
Ochotona muliensis
Prolagus sardus

Kozlov's Pika

V China

Ochotona muliensis
Prolagus sardus

R China
Ex [Sardinia, Corsica]

Family Leporidae
Bunolagus monticularis
Caprolagus hispidus
Lepus flavigularis
Nesolagus netscheri
Pentalagus furnessi
Romerolagus diazi
Sylvilagus graysoni
Sylvilagus insonus
Sylvilagus palustris hefneri

Riverine Rabbit
Hispid Hare
Tehuantepec Hare
Sumatran Short-eared Rabbit
Amami Rabbit
Volcano Rabbit
Tres Marias Cottontail
Omiteme Cottontail
Lower Keys Rabbit

E South Africa
E Himalayan foothills
E Mexico
I Sumatra (Indonesia)
E Ryukyu Is (Japan)
E Mexico
E Tres Marias Is (Mexico)
Ex [Mexico]
E U.S.A.

Order RODENTIA

Family Aplodontiidae

Aplodontia rufa nigra

Aplodontia rufa phaea

Family Sciuridae

Cynomys mexicanus

Cynomys parvidens

Eutamias minimus atristriatus

Eutamias quadrivittatus australis

Glaucomys sabrinus coloratus

Glaucomys sabrinus fuscus

Glaucomys volans goldmani

Glaucomys volans guerroensis

Glaucomys volans oaxacensis

Marmota menzbieri

Marmota vancouverensis

Ratufa indica dealbata

Ratufa indica elphinstonei

Sciurus niger cinereus

Syntheosciurus brochus

Tamiasciurus hudsonicus grahamensis

Point Arena Mountain Beaver
Point Reyes Mountain Beaver

Mexican Prairie Dog

Utah Prairie Dog

Least Chipmunk

Colorado Chipmunk

Carolina Northern Flying Squirrel

Virginia Northern Flying Squirrel

Mexican Flying Squirrel

Menzbier's Marmot

Vancouver Island Marmot

Dangs Giant Squirrel

Maharashtra Giant Squirrel

Delmarva Fox Squirrel

Mountain Squirrel

Mount Graham Red Squirrel

Southern Pocket Gopher

Michoacan Pocket Gopher

Texas Kangaroo Rat

San Quintin Kangaroo Rat

Morro Bay Kangaroo Rat

I California (U.S.A.)

I California (U.S.A.)

E Mexico

V U.S.A.

E New Mexico (U.S.A.)

E New Mexico (U.S.A.)

E U.S.A.

E U.S.A.

R Mexico

R Mexico

R Mexico

V Kazakhstan, Uzbekistan (U.S.S.R.)

E Vancouver I. (Canada)

E India

E India

E U.S.A.

K Costa Rica, Panama

E Arizona (U.S.A.)

R New Mexico (U.S.A.)

I Mexico

R Texas (U.S.A.)

E Baja California (Mexico)

E California (U.S.A.)

Family Geomyidae

Thomomys umbrinus emotus

Zygoeomys trichopus

Family Heteromyidae

Dipodomys elator

Dipodomys gravipes

Dipodomys heermanni morroensis

<i>Dipodomys ingens</i>	Giant Kangaroo Rat	I	California (U.S.A.)
<i>Dipodomys microps leucotis</i>	Housetooth Chisel-toothed Kangaroo Rat	K	Arizona (U.S.A.)
<i>Dipodomys nitratoides exilis</i>	Fresno Kangaroo Rat	E	California (U.S.A.)
<i>Dipodomys nitratoides nitratoides</i>	Tipton Kangaroo Rat	E	California (U.S.A.)
<i>Dipodomys stephensi</i>	Stephens Kangaroo Rat	E	California (U.S.A.)
<i>Perognathus alticola</i>	White-eared Pocket Mouse	V	California (U.S.A.)
<i>Perognathus inornatus psammophilus</i>	Salinas Pocket Mouse	E	California (U.S.A.)
<i>Perognathus longimembris brevinasus</i>	Los Angeles Pocket Mouse	E	California (U.S.A.)
Family Castoridae			
<i>Castor canadensis frondator</i>	Broad-tail Beaver	E	Mexico
<i>Castor canadensis mexicanus</i>	Rio Grande Beaver	E	Mexico
<i>Castor fiber bindai</i>		E	Mongolia
Family Cricetidae			
<i>Neotoma anthonyi</i>	Anthony's Wood Rat	E	Mexico
<i>Neotoma bunker</i>	Bunker's Wood Rat	E	Mexico
<i>Neotoma floridana smalli</i>	Key Largo Wood Rat	E	U.S.A.
<i>Neotoma fuscipes riparia</i>	San Joaquin Valley Wood Rat	V	California (U.S.A.)
<i>Neotoma martinensis</i>	San Martin Island Wood Rat	E	Mexico
<i>Oryzomys argentatus</i>	Silver Rice Rat	I	Florida (U.S.A.)
<i>Oryzomys nelsoni</i>	Nelson's Rice Rat	Ex?	Mexico
<i>Peromyscus gossypinus allapaticola</i>	Key Largo Cotton Mouse	E	U.S.A.
<i>Peromyscus pembertoni</i>	Pemberton's Deer Mouse	Ex	[Mexico]
<i>Peromyscus polionotus allophrys</i>	Choctawhatchee Beach Mouse	E	U.S.A.
<i>Peromyscus polionotus ammobates</i>	Alabama Beach Mouse	E	U.S.A.
<i>Peromyscus polionotus niveiventris</i>	Southeastern Beach Mouse	I	U.S.A.
<i>Peromyscus polionotus phasma</i>	Anastasia Island Beach Mouse	E	U.S.A.
<i>Peromyscus polionotus trissyllepsis</i>	Perdido Key Beach Mouse	E	U.S.A.
<i>Reithrodontomys megalotis limicola</i>	Southern Marsh Harvest Mouse	V	California (U.S.A.)
<i>Reithrodontomys raviventris</i>	Salt-marsh Harvest Mouse	E	California (U.S.A.)
<i>Sigmodon arizonae plenus</i>	Colorado River Cotton Rat	E	California (U.S.A.)

Family Arvicolidae

<i>Microtus breweri</i>		
<i>Microtus californicus scirpensis</i>		U.S.A.
<i>Microtus mexicanus hualpaiensis</i>	E	California (U.S.A.)
<i>Microtus mexicanus navaho</i>	E	Arizona (U.S.A.)
<i>Microtus pennsylvanicus chihuahuensis</i>	I	Arizona (U.S.A.)
<i>Microtus pennsylvanicus dukecampbelli</i>	E	Mexico
<i>Pitymys bavaricus</i>	E	Florida (U.S.A.)
	Ex	[F.R.G.]

Family Muridae

<i>Batomys granit</i>	I	Philippines
<i>Conilurus albipes</i>	Ex	[Australia]
<i>Leggadina lakedownensis</i>	K	Australia
<i>Leporillus apicalis</i>	Ex	[Australia]
<i>Leporillus conditor</i>	R	Australia
<i>Macruromys elegans</i>	K	Australia
<i>Melomys albidens</i>	K	Australia
<i>Notomys amplius</i>	Ex	[Australia]
<i>Notomys aquilo</i>	K	Australia
<i>Notomys fuscus</i>	V	Australia
<i>Notomys longicaudatus</i>	Ex	[Australia]
<i>Notomys macrotis</i>	Ex	[Australia]
<i>Notomys mordax</i>	Ex	[Australia]
<i>Pseudomys fieldi</i>	R	Australia
<i>Pseudomys fumeus</i>	Ex	[Australia]
<i>Pseudomys gouldii</i>	R	Australia
<i>Pseudomys occidentalis</i>	R	Australia
<i>Pseudomys oralis</i>	I	Australia
<i>Pseudomys pilligaensis</i>	R	Australia
<i>Pseudomys praeconis</i>	R	Australia
<i>Pseudomys shortridgei</i>	V	Australia

Beach Vole		
Amargosa Vole		
Hualapai Mexican Vole		
Mexican Vole		
Florida Saltmarsh Vole		
Bavarian Pine Vole		
Luzon Forest Rat		
Rabbit-eared Tree-rat		
Lakeland Downs Mouse		
Lesser Stick-nest Rat		
Greater Stick-nest Rat		
Lesser Small-toothed Rat		
White-toothed Melomys		
Short-tailed Hopping-mouse		
Northern Hopping-mouse		
Dusky Hopping-mouse		
Long-tailed Hopping-mouse		
Big-eared Hopping-mouse		
Darling Downs Hopping-mouse		
Alice Springs Mouse		
Smoky Mouse		
Gould's Mouse		
Western Mouse		
Hastings River Mouse		
Pilliga Mouse		
Shark Bay Mouse		
Heath Rat		

<i>Rattus giluwensis</i>	Giluwe Rat	R	Australia
<i>Solomys ponceleti</i>	Poncelet's Giant Rat	E	Australia
<i>Tokudata osimensis muenninki</i>	Ryukyu Spiny Rat	E	Ryukyu Is (Japan)
<i>Xenuromys barbatus</i>	Rock-dwelling Rat	R	Australia
<i>Xeromys myoides</i>	False Water-rat	R	Australia
<i>Zyromys pedunculatus</i>	Central Rock-rat	E	Australia
Family Zapodidae			
<i>Zapus hudsonicus luteus</i>	Meadow Jumping Mouse	E	New Mexico (U.S.A.)
<i>Zapus trinitatus orarius</i>	Point Reyes Jumping Mouse	I	California (U.S.A.)
Family Erithizontidae			
<i>Chaetomys subspinosus</i>	Thin-spined Porcupine	I	Brazil
Family Dinomyidae			
<i>Dinomys branickii</i>		E	Brazil, Peru, Ecuador, Venezuela
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 brownii</i>	Jamaican Hutia	I	Jamaica
<i>Capromys garridoi</i>	Garrido's Hutia	E	Cuba
<i>Capromys gundlachi</i>	Chapman's Prehensile-tailed Hutia	I	Cuba
<i>Capromys melanurus</i>	Bushy-tailed Hutia	R	Cuba
<i>Capromys meridionalis</i>	Isla de la Juventud Tree 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	R	Jamaica

<i>Geopromys ingrahami</i>	Bahamian Hutia	R	Bahamas
<i>Plagiodontia aedium</i>	Hispaniolan Hutia	R	Hispaniola
Family Octodontidae			
<i>Tympanoctomys barrerae</i>	Red Vizcachá Rat	V	Argentina
Order CETACEA			
Family Iniidae			
<i>Inia geoffrensis</i>	Boto, Amazon River Dolphin	V	South America
Family Platanistidae			
<i>Lipotes vexillifer</i>	Bajji, Yangtze River Dolphin	E	Yangtze R. (China)
<i>Platanista gangetica</i>	Ganges River Dolphin	V	India, Bangladesh, Nepal, Bhutan
<i>Platanista minor</i>	Indus River Dolphin	E	Pakistan
<i>Pontoporia blainvillei</i>	Franciscana, La Plata Dolphin	K	Argentina, Brazil, Uruguay
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	V	Coastal New Zealand
<i>Orcaella brevirostris</i>	Irrawaddy Dolphin	K	Rivers & coasts from Bay of Bengal to N. Australia
<i>Phocoena phocoena</i>	Harbour Porpoise	K	Coastal waters of N. Hemisphere
<i>Phocoena sinus</i>	Vaquita	E	Gulf of California (Mexico)
Family Monodontidae			
<i>Delphinapterus leucas</i>	White Whale	K	Arctic & sub-Arctic Ocean
<i>Monodon monoceros</i>	Narwhal	K	Arctic Ocean
Family Ziphiidae			
<i>Hyperoodon ampullatus</i>	Northern Bottlenose Whale	V	North Atlantic

Family Balaenopteridae

- Balaenoptera musculus*
Balaenoptera physalus
Megaptera novaeangliae

Blue Whale E All Oceans
 Fin Whale V All Oceans
 Humpback Whale V All Oceans

Family Balaenidae

- Balaena mysticetus*
Eubalaena australis

Bowhead Whale V Arctic, N. Atlantic & N. Pacific Oceans
 Southern Right Whale V S. Atlantic, Pacific, Indian & Southern Oceans
 Northern Right Whale E N. Atlantic & N. Pacific Oceans

Order CARNIVORA

Family Canidae

- Canis lupus*
Canis rufus
Canis simensis
Chrysocyon brachyurus
Cuon alpinus
Dusicyon australis
Dusicyon griseus
Dusicyon (Atelocynus) microtis
Dusicyon sechurae
Dusicyon vetulus
Fennecus zerdā
Lycan pictus
Speothos venaticus
Urocyon littoralis
Vulpes bengalensis
Vulpes cana

Grey Wolf V North America, Middle East, Eurasia
 Red Wolf E U.S.A.
 Simien Jackal E Ethiopia
 Maned Wolf V South America
 Dhole V Asia
 Falkland Island Wolf Ex [Falkland Is]
 Grey Zorro V Argentina, Chile, Ecuador
 Small-eared Zorro K South America
 Sechuran Zorro K Ecuador, Peru
 Hoary Zorro K Brazil
 Fennec Fox K North Africa
 African Wild Dog E Sub-Saharan Africa
 Bush Dog V South America
 Island Grey Fox R California (U.S.A.)
 Bengal Fox I India, Pakistan, S. Nepal
 Blanford's Fox K U.S.S.R., Afghanistan, Iran, Pakistan

Vulpes corsac
Vulpes pallida
Vulpes rueppelli

K U.S.S.R., Mongolia, China
 K North Africa
 K North Africa and Middle East

Family Ursidae

Ailuropoda melanoleuca
Helarctos malayanus
Melursus ursinus
Tremarctos ornatus
Ursus arctos nelsoni
Ursus maritimus
Ursus thibetanus
Ursus thibetanus gedrosianus

E China
 V Eastern Asia
 V India, Nepal, Sri Lanka
 V South America
 Ex [Mexico, U.S.A.]
 V Arctic
 V Southern Asia
 E Iran, Pakistan

Corsac Fox
 Pale Fox
 Ruepell's Fox

Giant Panda
 Sun Bear
 Sloth Bear
 Spectacled Bear
 Mexican Grizzly Bear
 Polar Bear
 Asiatic Black Bear
 Baluchistan Bear

Family Procyonidae

Ailurus fulgens
Nasua nelsoni
Procyon glouveralleni
Procyon pygmaeus

K Nepal to China
 K Cozumel I. (Mexico)
 Ex? Barbados
 K Cozumel I. (Mexico)

Red Panda
 Cozumel Island Coati
 Barbados Raccoon
 Cozumel Island Raccoon

Family Mustelidae

Aonyx cinerea
Conepatus mesoleucus telmolestes
Gulo gulo
Lutra felina
Lutra longicaudis longicaudis
Lutra lutra lutra
Lutra perspicillata
Lutra provocax
Lutra sumatrana
Martes flavigula chrysoaspila
Martes gwatkinsi

K Asia
 I Texas (U.S.A.)
 V Eurasia, North America
 V Coastal Chile & Peru, [Argentina]
 V South America
 V Eurasia
 K Asia
 V W. Argentina, C. & S. Chile
 K South-east Asia
 I Taiwan
 I S. India

Oriental Small-clawed Otter
 Big Thicket Hog-nosed Skunk
 Wolverine
 Marine Otter
 La Plata Otter
 European Otter
 Smooth-coated Otter
 Southern River Otter
 Hairy-nosed Otter
 Taiwan Yellow-throated Marten
 Nilgiri Marten

<i>Martes melampus tsuensis</i>	Tsushima Island Marten	I	Japan
<i>Melogale everetti</i>	Kinabalu Ferret-badger	K	Sabah (Malaysia)
<i>Melogale orientalis</i>	Javan Ferret-badger	K	Java (Indonesia)
<i>Mustela lutreola</i>	European Mink	V	Europe
<i>Mustela lutreolina</i>	Indonesian Mountain Weasel	K	Java, S. Sumatra (Indonesia)
<i>Mustela nigripes</i>	Black-footed Ferret	E	U.S.A.
<i>Pteronura brasiliensis</i>	Giant Otter	V	South America
<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 (Indonesia)
<i>Bdeogale crassicauda omnivora</i>	Sokoke Bushy-tailed Mongoose	E	N. Coastal Tanzania, Kenya
<i>Bdeogale jacksoni</i>	Jackson's Mongoose	K	Kenya, Uganda
<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>Galidictis fasciata</i>	Malagasy Broad-striped Mongoose	I	Madagascar
<i>Galidictis grandidiensis</i>	Giant-striped Mongoose	K	Madagascar
<i>Genetta abyssinica</i>	Abyssinian Genet	K	Ethiopia, Somalia
<i>Genetta genetta isabellae</i>	Ibiza Common Genet	R	Spain
<i>Genetta johnstoni</i>	Johnston's Genet	K	Liberia, Guinea
<i>Liberictis kuhni</i>	Liberian Mongoose	E	Liberia, Cote d'Ivoire, Guinea
<i>Macrogalidia musschenbroekii</i>	Sulawesi Palm Civet	R	Sulawesi (Indonesia)
<i>Mungolictis decemlineata</i>	Malagasy Narrow-striped Mongoose	V	Madagascar
<i>Paradoxurus jerdoni</i>	Jerdon's Palm Civet	I	S. India
<i>Paradoxurus lignicolor</i>	Mentawai Palm Civet	E	Sumatra (Indonesia)
<i>Poiana richardsoni liberiensis</i>	Leighton's Linsang	I	Liberia, Cote d'Ivoire, Sierra Leone
<i>Salanoia concolor</i>	Malagasy Brown-tailed Mongoose	K	Madagascar
<i>Viverra civettina</i>	Malabar Civet	E	West Ghats (India)

Family Hyaenidae

Hyaena brunnea

Hyaena hyaena barbara

Brown Hyaena
Barbary Hyaena

V Southern Africa
E Algeria, Morocco, Tunisia

Family Felidae

Acinonyx jubatus

Acinonyx jubatus venaticus

Felis badia

Felis caracal michaelis

Felis concolor coryi

Felis concolor cougar

Felis iriomotensis

Felis jacobita

Felis margarita scheffeli

Felis marmorata

Felis pardalis

Felis pardina

Felis planiceps

Felis rubiginosa

Felis temmincki

Felis tigrina

Felis wiedii

Felis yagouarundi

Neofelis nebulosa

Panthera leo persica

Panthera onca

Panthera pardus

Panthera tigris

Panthera uncia

Cheetah
Asiatic Cheetah
Bornean Bay Cat
Turkmenian Caracal Lynx
Florida Cougar
Eastern Cougar
Iriomote Cat
Andean Cat
Pakistan Sand Cat
Marbled Cat
Ocelot
Pardel Lynx
Flat-headed Cat
Rusty-spotted Cat
Asiatic Golden Cat
Little Spotted Cat
Margay
Jaguarundi
Clouded Leopard
Asiatic Lion
Jaguar
Leopard
Tiger
Snow Leopard

V Africa, Middle East, Iran, [India]
E Iran, [India]
R Borneo
R U.S.S.R.
E U.S.A.
E Canada, U.S.A.
E Ryukyu Is (Japan)
R Andes
E Pakistan
I Asia
V U.S.A., Central & South America
E Portugal, Spain
I South-east Asia
K India, Sri Lanka
I Asia
V Central & South America
V Central & South America
I U.S.A., Central & South America
V Asia
E Gujarat (India)
V U.S.A., Central & South America
T Africa, Middle East, Asia
E Asia
E Asia

Order PINNIPEDIA**Family Otariidae**

- Arctocephalus philippii*
Arctocephalus townsendi
Odobenus rosmarus laptevi
Zalophus californianus japonicus

- Juan Fernandez Fur Seal
 Guadalupe Fur Seal
 Laptev Walrus
 Japanese Sea Lion

V Chile
 V Mexico, U.S.A.
 K U.S.S.R.
 Ex? Japan, North & South Korea

Family Phocidae

- Monachus monachus*
Monachus schauinslandi
Monachus tropicalis
Phoca hispida saimensis
Phoca vitulina stejnegeri

- Mediterranean Monk Seal
 Hawaiian Monk Seal
 Caribbean Monk Seal
 Saimaa Seal
 Kuril Seal

E Mediterranean & Mauritanian coasts
 E Hawaii (U.S.A.)
 Ex? Caribbean
 E Finland
 V Kuril Sea

Order PROBOSCIDEA**Family Elephantidae**

- Elephas maximus*
Loxodonta africana

- Indian Elephant
 African Elephant

E Asia
 V Africa

Order HYRACOIDEA**Family Procviidae**

- Dendrohyrax validus*

- Eastern Tree Dassie

K Tanzania, Pemba I., Zanzibar

Order SIRENIA**Family Dugongidae**

- Dugong dugon*

- Dugong

V Coastal Indian & Western Pacific
 Oceans

- Hydrodamalis gigas*

- Steller's Sea Cow

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

Trichechus senegalensis

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

Family Tapiridae

Tapirus bairdii
Tapirus indicus
Tapirus pinchaque

Family Rhinocerotidae

Ceratotherium simum cottoni
Diceros bicornis
Didermoceros sumatrensis
Rhinoceros sondaicus
Rhinoceros unicornis

Order ARTIODACTYLA

Family Suidae

Babirusa babyrussa
Sus barbatus cebifrons
Sus barbatus oi
Sus salvanius

West African Manatee

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

Central American Tapir
Malayan Tapir
Mountain Tapir

Northern Square-lipped Rhinoceros
Black Rhinoceros
Sumatran Rhinoceros
Javan Rhinoceros
Great Indian Rhinoceros

Babirusa

Visayan Warty Pig
Western Bearded Pig
Pygmy Hog

V West Africa

E North-east Africa
E Ethiopia, Kenya, [Somalia]
V Asia
Ex [Syria]
E Pakistan, India
Ex? Mongolia, China
Ex [South Africa]
V Angola, Namibia
E South Africa

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

E Zaire, S. Sudan
E Africa
E South-east Asia
E Java (Indonesia), Vietnam
E India, Nepal

V Sulawesi, Buru, Sulu & Togian Is
(Indonesia)

V Visayan Is (Philippines)
V Malaysia, Indonesia
E [Bangladesh], India, Nepal

<i>Sus scrofa riukiuanus</i>	Ryukyu Islands' Wild Pig	V	Ryukyu Is (Japan)
<i>Sus verrucosus</i>	Javan and Bawean Warty Pigs	V	Java & Bawean I. (Indonesia)
Family Tayassuidae			
<i>Catagonus wagneri</i>	Chacoan Peccary	V	Argentina, Bolivia, Paraguay
Family Hippopotamidae			
<i>Choeropsis liberiensis</i>	Pygmy Hippopotamus	V	West Africa
Family Camelidae			
<i>Camelus bactrianus</i>	Wild Bactrian Camel	V	Mongolia, China
<i>Vicugna vicugna</i>	Vicuna	V	Andes
Family Cervidae			
<i>Axis calamianensis</i>	Calamian Deer	V	Calamian I. (Philippines)
<i>Axis kuhli</i>	Kuhl's Deer	R	Bawean I. (Indonesia)
<i>Blastocercus dichotomus</i>	Marsh Deer	V	Central America
<i>Cervus albirostris</i>	Thorold's Deer	V	China
<i>Cervus alfredi</i>	Visayan Spotted Deer	E	Visayan Is (Philippines)
<i>Cervus duvauceli</i>	Swamp Deer	E	India, Nepal
<i>Cervus elaphus bactrianus</i>	Bactrian Deer	E	Afghanistan, U.S.S.R.
<i>Cervus elaphus barbarus</i>	Barbary Deer	V	Algeria, Tunisia
<i>Cervus elaphus corsicanus</i>	Corsican Red Deer	E	[Corsica (France)], Sardinia (Italy)
<i>Cervus elaphus hanglu</i>	Hangul	E	India
<i>Cervus elaphus macneilli</i>	Mc'Neill's Deer	I	China
<i>Cervus elaphus wallichi</i>	Shou	E	China, Bhutan
<i>Cervus elaphus yarkandensis</i>	Yarkand Deer	E	China
<i>Cervus eldi</i>	Thamin	V	South-east Asia
<i>Cervus eldi eldi</i>	Manipur Brow-antlered Deer	E	India
<i>Cervus eldi siamensis</i>	Thailand Brow-antlered Deer	E	South-east Asia
<i>Cervus nippon grassianus</i>	Shansi Sika	Ex?	China
<i>Cervus nippon keramae</i>	Ryukyu Sika	E	Ryukyu Is (Japan)

<i>Cervus nippon mandarinus</i>	North China Sika	Ex	China
<i>Cervus nippon pseudaxis</i>	South China Sika	E	China
<i>Cervus nippon sichuanicus</i>		I	China
<i>Cervus nippon taiouanus</i>	Formosan Sika	E	Taiwan
<i>Dama mesopotamica</i>	Persian Fallow Deer	E	Iran, Iraq, Israel, Syria
<i>Elaphurus davidianus</i>	Pere David's Deer	E	China
<i>Hippocamelus antisensis</i>	North Andean Huemul	V	North Andes
<i>Hippocamelus bisulcus</i>	South Andean Huemul	E	South Andes
<i>Hydropotes inermis</i>	Chinese Water-deer	R	China, Korea
<i>Muntiacus crinifrons</i>	Black Muntjac	V	China
<i>Muntiacus feaei</i>	Fea's Muntjac	E	Burma, Thailand, China
<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 mephistopheles</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	Poland, U.S.S.R.
<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 (Indonesia)
<i>Bubalus quarlesi</i>	Mountain Anoa	E	Sulawesi (Indonesia)
<i>Bubalus mindorensis</i>	Tamaraw	E	Philippines
<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	Cote d'Ivoire, Liberia, Sierra Leone
<i>Cephalophus nigrifrons rubidus</i>	Ruwenzori Black-fronted Duiker	E	Uganda
<i>Cephalophus ogilbyi</i>	Ogilby's Duiker	V	West & Central Africa
<i>Cephalophus ogilbyi crusalbum</i>	White-legged Duiker	V	Gabon
<i>Cephalophus spadix</i>	Abbott's Duiker	V	Tanzania
<i>Cephalophus zebra</i>	Zebra Duiker	V	Cote d'Ivoire, Liberia, Sierra Leone
<i>Damaliscus dorcas</i>	Bontebok	R	South Africa
<i>Damaliscus dorcas dorcas</i>	Bontebok	V	South Africa
<i>Damaliscus hunteri</i>	Hunter's Antelope	V	Kenya, Somalia
<i>Damaliscus lunatus korrigum</i>	Korrigum	E	West Africa
<i>Damaliscus lunatus korrigum</i>	Western Klipspringer	E	Nigeria
<i>Oreotragus oreotragus porteousi</i>	Beira Antelope	K	Djibouti, Ethiopia, Somalia
<i>Dorcatragus megalotis</i>	Cuvier's Gazelle	E	North-west Africa
<i>Gazella cuvieri</i>	Dama Gazelle	E	Sahara/Sahel
<i>Gazella dama</i>	Dorcas Gazelle	V	Sahara/Sahel & Middle East
<i>Gazella dorcas</i>	Mountain Gazelle	V	Arabia, Middle East
<i>Gazella gazella</i>	Slender-horned Gazelle	E	Sahara/Sahel
<i>Gazella leptoceros</i>	Red-fronted Gazelle	V	Senegal to Eritrea
<i>Gazella rufifrons</i>	Soemmerrings Gazelle	V	North-eastern Africa
<i>Gazella soemmerringi</i>	Speke's Gazelle	V	Ethiopia, Somalia
<i>Gazella spekei</i>	Arabian Sand Gazelle	E	Arabia
<i>Gazella subgutturosa marica</i>	Bluebuck	Ex	[South Africa]
<i>Hippotragus leucophaeus</i>	Giant Sable Antelope	E	Angola
<i>Hippotragus niger variati</i>	Lechwe	V	Southern Africa
<i>Kobus leche</i>			

<i>Oryx dammah</i>	Scimitar-horned Oryx	E	Sahara/Sahel
<i>Oryx leucoryx</i>	Arabian Oryx	E	Arabia, Middle East
<i>Redunca fulvorufula adamauae</i>	Western Mountain Reedbuck	E	Cameroon, Nigeria
<i>Tragelaphus buxtoni</i>	Mountain Nyala	E	Ethiopia
<i>Tragelaphus derbianus gigas</i>	Eastern Giant Eland	V	Central Africa
<i>Capricornis crispus swinhoi</i>	Formosa Serow	V	Taiwan
<i>Capricornis sumatraensis sumatraensis</i>	Sumatran Serow	E	Malaysia, Sumatra (Indonesia)
<i>Budorcas taxicolor bedfordi</i>	Golden Takin	R	China
<i>Budorcas taxicolor tibetana</i>	Szechwan Takin	I	China
<i>Nemorhaedus baileyi</i>	Red Goral	V	China, Burma, India
<i>Hemitragus hylacrius</i>	Nilgiri Tahr	V	India
<i>Hemitragus jayakari</i>	Arabian Tahr	E	Oman
<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 walia</i>	Walia Ibex	E	Ethiopia
<i>Rupicapra pyrenaica ornata</i>	Abruzzo Chamois	V	Italy
<i>Rupicapra rupicapra cartusiana</i>	Chartreuse Chamois	E	France
<i>Rupicapra rupicapra tairica</i>	Tatra Chamois	R	Czechoslovakia, Poland
<i>Ammotragus lervia</i>	Barbary Sheep	V	Sahara/Sahel
<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

V New Zealand

Order TINAMIFORMES

Family Tinamidae

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

Solitary Tinamou
 Black Tinamou
 Magdalena Tinamou
 Yellow-legged Tinamou
 Taczanowski's Tinamou
 Kalinowski's Tinamou
 Lesser Nothura
 Dwarf Tinamou

K* Argentina, Brazil, Paraguay
 K* Colombia, Peru
 I Colombia
 K* Brazil
 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

V New Zealand
 K* Namibia, South Africa
 K* Chile, Peru

Order PODICIPEDIFORMES

Family Podicipedidae

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

Madagascar 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)
R Japan

Family Procellariidae

Pterodroma aterrima

Pterodroma hasitata

Pterodroma cahow

Pterodroma becki

Pterodroma magentae

Pterodroma feae

Pterodroma madeira

Pterodroma phaeopygia

Mascarene Black Petrel

Black-capped Petrel

Cahow

Beck's Petrel

Magenta Petrel

Gon-gon

Freira

Dark-rumped Petrel

I Mauritius

R Cuba, Dominican Rep., Haiti

E Bermuda

I Papua New Guinea, Solomon Is

R Chatham Is (New Zealand)

R Cape Verde Is. Madeira (Portugal)

E Madeira (Portugal)

R Galapagos (Ecuador), Hawaiian Is (U.S.A.)

Pterodroma cookii

Pterodroma defilippiana

Pterodroma axillaris

Pterodroma pycrofti

Pterodroma macgillivrayi

Procellaria parkinsoni

Procellaria westlandica

Puffinus creatopus

Puffinus heinrothi

Puffinus newelli

Puffinus auricularis

Cook's Petrel

Defilippe's Petrel

Chatham Island Petrel

Pycroft's Petrel

Fiji Petrel

Black Petrel

Westland Petrel

Pink-footed Shearwater

Heinroth's Shearwater

Newell's Shearwater

Townsend's Shearwater

R New Zealand

V Chile

V Chatham Is (New Zealand)

V New Zealand

I Fiji

V New Zealand

R New Zealand

V Juan Fernandez Is (Chile)

I New Britain (Papua New Guinea)

V Hawaiian Is (U.S.A.)

E Mexico

Family Hydrobatidae

Oceanodroma macrodactyla

Oceanodroma markhami

Oceanodroma tristrami

Guadalupe Storm-petrel

Markham's Storm-petrel

Tristram's Storm-petrel

Ex [Mexico]

I Eastern Pacific Ocean

K* Hawaiian Is (U.S.A.), Japan

Oceanodroma hornbyi

Family Pelecanoididae

Pelecanoides garnotii

Order PELECANIFORMES

Family Pelecanidae

Pelecanus crispus

Pelecanus philippensis

Family Sulidae

Sula abbotti

Family Phalacrocoracidae

Phalacrocorax carunculatus

Phalacrocorax pygmeus

Nannopterum harrisi

Family Fregatidae

Fregata aquila

Fregata andrewsi

Order CICONIIFORMES

Family Ardeidae

Gorsachius goisagi

Gorsachius magnificus

Egretta vinaceigula

Egretta eulophotes

Ardea humbloti

Ardea imperialis

Ringed Storm-petrel

K* Chile, Ecuador, Peru

Peruvian Diving Petrel

K* Chile, Peru

Dalmatian Pelican

E Palaearctic

Spot-billed Pelican

I South & SE Asia

Abbott's Booby

E Christmas I. (Australia)

Rough-faced Shag

R New Zealand

Pygmy Cormorant

K* Western Palaearctic

Galapagos Flightless Cormorant

R Galapagos (Ecuador)

Ascension Frigatebird

R Ascension I. (U.K.)

Christmas Frigatebird

E Christmas I. (Australia)

Japanese Night-heron

V China, Japan, Taiwan, Indonesia, Philippines

White-eared Night-heron

E China

Slaty Egret

I Botswana, Namibia, Zambia

Chinese Egret

E China, N. Korea, S. Korea

Madagascar Heron

K Comoros, Madagascar

White-bellied Heron

E Bangladesh, Burma, India, Nepal

Family Balaenicipitidae

Balaeniceps rex

Family Ciconiidae

Mycteria cinerea

Ciconia stormi

Ciconia boyciana

Leptoptilos javanicus

Leptoptilos dubius

Family Threskiornithidae

Pseudibis davisoni

Pseudibis gigantea

Geronticus eremita

Geronticus calvus

Nipponia nippon

Bostrychia bocagei

Platalea minor

Family Phoenicopteridae

Phoenicoparrus andinus

Phoenicoparrus jamesi

Order ANSERIFORMES

Family Anhimidae

Chauna chawaria

Family Anatidae

Dendrocygna arborea

Shoebill

Milky Stork

Storm's Stork

Oriental White Stork

Lesser Adjutant

Greater Adjutant

White-shouldered Ibis

Giant Ibis

Northern Bald Ibis

Southern Bald Ibis

Crested Ibis

Dwarf Olive Ibis

Black-faced Spoonbill

Andean Flamingo

Puna Flamingo

Northern Screamer

West Indian Whistling Duck

K* Central and East Africa

V SE Asia

R Thailand, Brunei, Indonesia, Malaysia

R China, Japan, South Korea, U.S.S.R.

V S & SE Asia

E India & SE Asia

V Burma, Cambodia, Laos, Thailand,

Vietnam, Indonesia

E Cambodia, Laos, Thailand, Vietnam

E Turkey, North Yemen, Morocco

R Lesotho, South Africa, Swaziland

E China, Japan

I Sao Tome

E China, N. Korea

K* Argentina, Bolivia, Chile, Peru

K* Argentina, Bolivia, Chile, Peru

K* Colombia, Venezuela

R Caribbean Islands

<i>Anser erythropus</i>	Lesser White-fronted Goose	R	Palearctic
<i>Branta sandvicensis</i>	Hawaiian Goose	V	Hawaiian Is (U.S.A.)
<i>Branta ruficollis</i>	Red-breasted Goose	K*	Palearctic
<i>Stictonetta naevosa</i>	Freckled Duck	K*	Australia
<i>Tadorna cristata</i>	Crested Shelduck	E	U.S.S.R., S. Korea
<i>Cairina scutulata</i>	White-winged Duck	V	Bangladesh, Burma, India, Indonesia, Thailand, Laos, Vietnam
<i>Aix galericulata</i>	Mandarin Duck	K*	U.S.S.R., China, Japan, N. Korea, S. Korea, Taiwan
<i>Anas formosa</i>	Baykal Teal	V	U.S.S.R., China, Japan, N. Korea, S. Korea
<i>Anas bernieri</i>	Madagascar Teal	V	Madagascar
<i>Anas aucklandica</i>	Brown Teal	R	New Zealand
<i>Anas wyvilliana</i>	Hawaiian Duck	R	Hawaiian Is (U.S.A.)
<i>Anas laysanensis</i>	Laysan Duck	R	Hawaiian Is (U.S.A.)
<i>Marmaronetta angustirostris</i>	Marbled Teal	V	Palearctic
<i>Rhodonessa caryophyllacea</i>	Pink-headed Duck	Ex	[India, Nepal, Bangladesh, Burma]
<i>Aythya baeri</i>	Baer's Pochard	V	U.S.S.R., China, N. Korea
<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	R	China, N. Korea, U.S.S.R.
<i>Oxyura leucocephala</i>	White-headed Duck	V	Palearctic
	California Condor	E	U.S.A.
Order FALCONIFORMES			
Family Cathartidae			
<i>Gymnogyps californianus</i>			
Family Accipitridae			
<i>Leptodon forbesi</i>	White-collared Kite	K*	Brazil
<i>Henicopernis infuscatus</i>	Black Honey Buzzard	I	Irian Jaya (Indonesia), Papua New Guinea
<i>Milvus milvus</i>	Red Kite	K*	Western Palearctic

<i>Haliaeetus sanfordi</i>	Solomons Sea Eagle	R	Solomon Is.
<i>Haliaeetus vociferoides</i>	Madagascar Fish-eagle	E	Madagascar
<i>Haliaeetus leucorhynchus</i>	Pallas's Fish-eagle	R	S & E Asia
<i>Haliaeetus albicilla</i>	White-tailed Eagle	R	Palaeartic
<i>Haliaeetus pelagicus</i>	Steller's Sea Eagle	R	U.S.S.R., Japan, N. Korea, S. Korea
<i>Gyps coprotheres</i>	Cape Vulture	R	Southern Africa
<i>Aegypius monachus</i>	Cinereous Vulture	V	Palaeartic
<i>Spilornis elgini</i>	Dark Serpent-eagle	R	Andaman Is (India)
<i>Spilornis kinabaluensis</i>	Kinabalu Serpent-eagle	R	Indonesia, Malaysia
<i>Eutriorchis astur</i>	Madagascar Serpent-eagle	E	Madagascar
<i>Accipiter radiatus</i>	Red Goshawk	K*	Australia
<i>Accipiter nanus</i>	Small Sparrowhawk	R	Sulawesi (Indonesia)
<i>Accipiter brachyurus</i>	New Britain Sparrowhawk	R	New Britain (Papua New Guinea)
<i>Accipiter imitator</i>	Imitator Sparrowhawk	R	Papua New Guinea, Solomon Is
<i>Accipiter collaris</i>	Semi-collared Hawk	K*	Colombia, Ecuador, Peru, Venezuela
<i>Accipiter gundlachi</i>	Gundlach's Hawk	R	Cuba
<i>Accipiter poliogaster</i>	Grey-bellied Hawk	K*	South America
<i>Leucopternis plumbea</i>	Plumbeous Hawk	K*	Panama, Colombia, Ecuador, Peru
<i>Leucopternis lacemulata</i>	White-necked Hawk	K*	Brazil
<i>Leucopternis occidentalis</i>	Grey-backed Hawk	I	Ecuador
<i>Leucopternis polionota</i>	Mantled Hawk	I	Argentina, Brazil, Paraguay
<i>Harpohaliaeetus solitarius</i>	Solitary Eagle	K*	Central & South America
<i>Harpohaliaeetus coronatus</i>	Crowned Eagle	K*	Argentina, Bolivia, Brazil, Paraguay, Uruguay
<i>Buteo ridgwayi</i>	Ridgway's Hawk	V	Dominican Rep., Haiti
<i>Buteo galapagoensis</i>	Galapagos Hawk	R	Galapagos (Ecuador)
<i>Buteo solitarius</i>	Hawaiian Hawk	R	Hawaiian Is (U.S.A.)
<i>Buteo ventralis</i>	Rufous-tailed Hawk	K*	Argentina, Chile
<i>Morphnus guianensis</i>	Crested Eagle	R	South and Central America
<i>Harpia harpyja</i>	Harpy Eagle	R	South and Central America
<i>Harpopsis novaeguineae</i>	New Guinea Eagle	V	Irian Jaya (Indonesia), Papua New Guinea

Pitheophaga jefferyi
Aquila heliaca
Aquila adalbertii
Spizaetus bartelsi
Spizaetus nanus

Philippine Eagle
 Imperial Eagle
 Spanish Imperial Eagle
 Javan Hawk-eagle
 Wallaces Hawk-eagle

E Philippines
 R Palaearctic
 E Portugal, Spain
 V Java
 R Burma, Thailand, Brunei, Indonesia, Malaysia

Family Falconidae

Micrastur plumbeus
Micrastur buckleyi
Falco naumanni
Falco punctatus
Falco deiroleucus
Falco hypoleucos

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

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

Order GALLIFORMES

Family Megapodiidae

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

Sula Scrubfowl
 Nicobar Scrubfowl
 Micronesian Scrubfowl
 Polynesian Scrubfowl
 Moluccan Scrubfowl
 Malleefowl
 Maleo
 Waigeo Brush-turkey

V Barigai & Sula Is (Indonesia)
 R Nicobar Is (India)
 R Palau, N. Mariana Is (U.S.A.)
 V Tonga
 R Molluccas (Indonesia)
 K* Australia
 V Sulawesi (Indonesia)
 R Waigeo (Indonesia)

Family Cracidae

Ortalis erythroptera
Penelope barbata
Penelope dabbeni
Penelope albipennis
Penelope perspicax

Rufous-headed Chachalaca
 Bearded Guan
 Red-faced Guan
 White-winged Guan
 Cauca Guan

K* Ecuador, Peru
 K* Ecuador, Peru
 K* Argentina, Bolivia
 E Peru
 E Colombia

Penelope jacucaca
Penelope ochrogaster
Pipile jacutinga
Penelopina nigra

Oreophasis derbianus
Mitu mitu
Pauxi pauxi
Pauxi unicornis
Crax alberti
Crax globulosa

Crax blumenbachii

Family Phasianidae

Agriocharis ocellata
Tetrao mikosiewiczzi
Dendroortyx barbatus
Odontophorus hyperythrus
Odontophorus strophiurus
Francolinus ochropectus
Francolinus camerunensis
Francolinus swierstrai
Francolinus nahani
Francolinus gularis
Perdicula manipurensis
Arborophila rufipectus
Arborophila gingica
Arborophila davidi
Arborophila cambodiana
Arborophila ardens
Arborophila charltonii

White-browed Guan
 Chestnut-bellied Guan
 Black-fronted Piping Guan
 Highland Guan

 Horned Guan
 Alagoas Curassow
 Northern Helmeted Curassow
 Southern Helmeted Curassow
 Blue-billed Curassow
 Wattled Curassow

 Red-billed Curassow

K* Brazil
 K* Brazil
 E Argentina, Brazil, Paraguay
 K* El Salvador, Guatemala, Honduras, Mexico, Nicaragua
 E Guatemala, Mexico
 E Brazil
 K* Colombia, Venezuela
 K* Bolivia, Peru
 V Colombia
 K* Bolivia, Brazil, Colombia, Ecuador, Peru
 E Bahia, Espirito Santo (Brazil)

Ocellated Turkey
 Caucasian Black Grouse
 Bearded Wood Partridge
 Chestnut Wood-quail
 Gorgeted Wood-quail
 Djibouti Francolin
 Mount Cameroon Francolin
 Swierstra's Francolin
 Nahani's Francolin
 Swamp Francolin
 Manipur Bush Quail
 Sichuan Partridge
 White-necklaced Partridge
 Orange-necked Partridge
 Chestnut-headed Partridge
 White-eared Partridge
 Chestnut-necklaced Partridge

K* Belize, Guatemala, Mexico
 K* Turkey, U.S.S.R., Iran
 K* Mexico
 K* Colombia
 E Colombia
 E Djibouti
 R Cameroon
 I Angola
 R Uganda, Zaire
 V Bangladesh, India, Nepal
 R Bangladesh, India
 E China
 R China
 I Vietnam
 R Cambodia, Thailand
 E China
 R Thailand, Indonesia, Malaysia

<i>Ophrysia superciliosa</i>	Himalayan Quail	Ex	[India]
<i>Tragopan melanocephalus</i>	Western Tragopan	V	India, Pakistan
<i>Tragopan blythii</i>	Blyth's Tragopan	I	Bhutan, Burma, China, India
<i>Tragopan caboti</i>	Cabot's Tragopan	R	China
<i>Lophophorus sclateri</i>	Sclater's Monal	I	China, Burma, India
<i>Lophophorus lhuysii</i>	Chinese Monal	R	China
<i>Lophura imperialis</i>	Imperial Pheasant	R	Laos, Vietnam
<i>Lophura hatinhensis</i>	Vietnam Pheasant	I	Vietnam
<i>Lophura edwardsi</i>	Edwards' Pheasant	I	Vietnam
<i>Lophura swinhoii</i>	Swinhoe's Pheasant	V	Taiwan
<i>Lophura inornata</i>	Salvadore's Pheasant	V	Sumatra (Indonesia)
<i>Lophura ignita</i>	Crested Fireback	V	Burma, Thailand, Brunei, Indonesia, Malaysia
<i>Lophura diardi</i>	Siamese Fireback	R	Cambodia, Laos, Thailand, Vietnam
<i>Lophura bulweri</i>	Bulwer's Pheasant	R	Kalimantan (Indonesia), Sabah & Sarawak (Malaysia), Brunei
<i>Crossoptilon mantchuricum</i>	Brown Eared Pheasant	V	Hubei, Shanxi (China)
<i>Catreus wallichi</i>	Cheer Pheasant	V	India, Nepal, Pakistan
<i>Syrnaticus ellioti</i>	Elliot's Pheasant	V	China
<i>Syrnaticus humiae</i>	Hume's Pheasant	R	Burma, China, India
<i>Syrnaticus mikado</i>	Mikado Pheasant	R	Taiwan
<i>Syrnaticus reevesii</i>	Reeves' Pheasant	R	China
<i>Chrysolophus amherstiae</i>	Lady Amherst's Pheasant	K*	China
<i>Polyplectron germaini</i>	Germain's Peacock-pheasant	R	Vietnam
<i>Polyplectron malacense</i>	Malaysian Peacock-pheasant	R	Burma, Thailand, Malaysia
<i>Polyplectron emphanum</i>	Palawan Peacock-pheasant	R	Palawan (Philippines)
<i>Rheinardia ocellata</i>	Palawan Peacock-pheasant	R	Laos, Malaysia, Vietnam
<i>Pavo muticus</i>	Crested Argus	V	SE Asia
<i>Afropavo congensis</i>	Green Peafowl	K*	Zaire
<i>Agelastes meleagrides</i>	Congo Peacock	E	West Africa
	White-breasted Guineafowl		

Order GRUIFORMES
Family Mesitornithidae

Mesitornis variegata
Mesitornis unicolor
Monias benschi

White-breasted Mesite
Brown Mesite
Subdesert Monias

R Madagascar
R Madagascar
R Madagascar

Family Turnicidae

Turnix everetti
Turnix worcesteri
Turnix melanogaster
Turnix olivii

Sumba Buttonquail
Worcester's Buttonquail
Black-breasted Buttonquail
Buff-breasted Buttonquail

I Sumba (Indonesia)
I Luzon (Philippines)
K* Australia
K* Australia

Family Pedionomidae

Pedionomus torquatus

Plains-wanderer

K* Australia

Family Gruidae

Grus nigricollis
Grus monacha

Black-necked Crane
Hooded Crane

R Bhutan, Burma, China, India, Vietnam
R China, Japan, North Korea, South
Korea, U.S.S.R.

Grus japonensis

Japanese Crane

V China, Japan, North Korea, South
Korea, U.S.S.R.

Grus americana
Grus vipio

Whooping Crane
White-naped Crane

E Canada, U.S.A.
R China, Japan, North Korea, South
Korea, U.S.S.R.

Grus leucogeranus

Siberian Crane

R Afghanistan, China, India, Iran,
U.S.S.R., Pakistan
K* Ethiopia, Central & Southern Africa

Bugeranus carunculatus

Wattled Crane

Family Rallidae

Sarothrura ayresi

White-winged Flufftail

I Ethiopia, Southern Africa

<i>Sarothrura watersi</i>	Slender-billed Flufftail	I	Madagascar
<i>Coturnicops exquisitus</i>	Siberian Crane	R	U.S.S.R., China, Japan, S. Korea
<i>Laterallus tuerosi</i>	Junco Rail	K*	Peru
<i>Laterallus xenopterus</i>	Horqueta or Rufous-faced Crane	K*	Brazil, Paraguay
<i>Laterallus leuraudi</i>	Rusty-flanked Crane	K*	Venezuela
<i>Nesoclopeus poecilopterus</i>	Bar-winged Rail	E	Fiji
<i>Nesoclopeus woodfordi</i>	Woodford's Rail	Ex	[Papua New Guinea, Solomon Is.]
<i>Gallirallus okinawae</i>	Okinawa Rail	V	Japan
<i>Gallirallus owstoni</i>	Guam Rail	E	Guam (U.S.A.)
<i>Gallirallus lafresnayanus</i>	New Caledonian Rail	I	New Caledonia (France)
<i>Gallirallus sylvestris</i>	Lord Howe Rail	E	Lord Howe I. (Australia)
<i>Crex crex</i>	Corncrake	R	Africa, Palaeartic
<i>Aramidopsis platani</i>	Snoring Rail	I	Sulawesi (Indonesia)
<i>Dryolimnas mirificus</i>	Brown-banded Rail	I	Luzon (Philippines)
<i>Atlantisia rogersi</i>	Inaccessible Rail	R	Inaccessible I. (U.K.)
<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>Gymnocrex rosenbergii</i>	Bald-faced Rail	I	Sulawesi (Indonesia)
<i>Amaurornis olivieri</i>	Sakalava Rail	K	Madagascar
<i>Porzana spiloptera</i>	Dot-winged Crane	K*	Argentina, Uruguay
<i>Porzana atra</i>	Henderson Island Rail	R	Henderson I. (U.K.)
<i>Cyanolimnas cerverai</i>	Zapata Rail	R	Cuba
<i>Habroptila wallacii</i>	Invisible Rail	I	Halmahera (Indonesia)
<i>Notornis mantelli</i>	Takahe	E	New Zealand
<i>Pareudiastes silvestris</i>	San Cristobal Mountain Rail	I	San Cristobal (Solomon Is)
<i>Gallinula comeri</i>	Gough Moorhen	R	Gough I. (U.K.)
<i>Fulica cornuta</i>	Horned Coot	R	Argentina, Bolivia, Chile
	Masked Finfoot	V	SE Asia

Family Heliornithidae

Heliopais personata

Family Rhynochetidae
Rhynochetos jubatus

Family Otididae

<i>Tetrax tetrax</i>			
<i>Otis tarda</i>			
<i>Ardeotis nigricaps</i>			
<i>Chlamydotis undulata</i>			
<i>Houbaropsis bengalensis</i>			
<i>Sypheotides indica</i>			

Order CHARADRIIFORMES

Family Haematopodidae

<i>Haematopus meadewaldoi</i>			
<i>Haematopus chathamensis</i>			

Family Recurvirostridae

<i>Himantopus novaezelandiae</i>			
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Family Glareolidae

<i>Rhinoptilus bitorquatus</i>			
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Family Charadriidae

<i>Vanellus macropterus</i>			
<i>Vanellus gregarius</i>			
<i>Charadrius melodus</i>			
<i>Charadrius thoracicus</i>			
<i>Charadrius sanctaehelenae</i>			
<i>Charadrius rubricollis</i>			
<i>Thinornis novaeseelandiae</i>			

Kagu

E New Caledonia (France)

Little Bustard

R Palearctic

Great Bustard

R Palearctic

Great Indian Bustard

R India

Houbara Bustard

V Palearctic

Bengal Florican

E India, Cambodia, Nepal, Vietnam

Lesser Florican

E India, Nepal, Pakistan

Canarian Black Oystercatcher

Ex [Canary Is (Spain)]

Chatham Island Oystercatcher

E Chatham Is (New Zealand)

Black Stilt

E New Zealand

Jerdon's Courser

I India

Javan Wattled Lapwing

Ex [Java (Indonesia)]

Sociable Lapwing

R U.S.S.R.

Piping Plover

K* Canada, U.S.A.

Madagascar Plover

R Madagascar

St. Helena Plover

R St. Helena (U.K.)

Hooded Plover

K* Australia

Shore Plover

E Chatham Is (New Zealand)

Family Scolopacidae

- Numenius borealis*
- Numenius tahitiensis*
- Numenius tenuirostris*
- Tringa guttifer*
- Prosobonia cancellatus*
- Scolopax celebensis*
- Scolopax rochussenii*
- Coenocorypha aucklandica*
- Gallinago nemoricola*
- Limnodromus semipalmatus*
- Calidris paramelanotos*
- Eurynorhynchus pygmeus*

- Eskimo Curlew
- Bristle-thighed Curlew
- Slender-billed Curlew
- Nordmann's Greenshank
- Tuamotu Sandpiper
- Sulawesi Woodcock
- Obi Woodcock
- Sub-antarctic Snipe
- Wood Snipe
- Asian Dowitcher
- Cox's Sandpiper
- Spoon-billed Sandpiper

- E Canada, U.S.A.
- R Alaska (U.S.A.), Pacific Ocean
- K* Palaeartic
- I SE Asia
- V Tuamotu Archipelago (France)
- I Sulawesi (Indonesia)
- I Obi (Indonesia)
- R New Zealand
- I S & SE Asia
- R Asia
- K* Australia
- I U.S.S.R., S.E. Asia

Family Laridae

- Larus leucophthalmus*
- Larus atlanticus*
- Larus audouinii*
- Larus relictus*
- Larus saundersi*

- White-eyed Gull
- Olrog's Gull
- Audouin's Gull
- Relict Gull
- Saunders' Gull

- K* Red Sea
- K* Argentina, Brazil, Uruguay
- R Mediterranean, Morocco
- R China, Mongolia, U.S.S.R.
- R China, Hong Kong, Japan, South Korea, Taiwan
- V Prince Edward I. (South Africa), Crozet & Kerguelen Is (France)

Sterna virgata

- Sterna albostrata*
- Sterna balaenarum*
- Sterna bernsteini*

- Kerguelen Tern
- Black-fronted Tern
- Damara Tern
- Chinese Crested Tern

- V
- V
- R
- I

Family Alcidae

- Synthliboramphus wumizusume*

- Japanese Murrelet

- V Japan, N. Korea, S. Korea, U.S.S.R.

Order COLUMBIFORMES

Family Columbidae

<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 junoninae</i>	White-tailed Laurel Pigeon	R	Canary Is (Spain)
<i>Columba thomensis</i>	Maroon Wood-pigeon	V	Sao Tome
<i>Columba elphinstonii</i>	Nilgiri Wood-pigeon	V	India
<i>Columba torringtoni</i>	Sri Lanka Wood-pigeon	V	Sri Lanka
<i>Columba punicea</i>	Pale-capped Pigeon	R	China, Bangladesh, Burma, India, Thailand
<i>Columba argentina</i>	Grey Wood-pigeon	V	Indonesia, Burong Is (Malaysia)
<i>Columba pallidiceps</i>	Yellow-legged Pigeon	I	Bismarck Arch. (Papua New Guinea), Solomon Is
<i>Columba caribaea</i>	Ring-tailed Pigeon	V	Jamaica
<i>Nesoenas mayeri</i>	Pink Pigeon	E	Mauritius
<i>Zenaida graysoni</i>	Socorro Dove	E	Mexico
<i>Columbina cyanopsis</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	E	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	E	Cuba, Dominican Republic
<i>Geotrygon mystacea</i>	Bridled Quail-dove	K*	Lesser Antilles, Virgin Is.
<i>Starnoenas cyanocephala</i>	Blue-headed Quail-dove	R	Cuba
<i>Caloenas nicobarica</i>	Nicobar Pigeon	R	S.E. Asia, Indonesia, Papua New Guinea, Palau (F.S.M.)
<i>Gallincolomba platenae</i>	Mindoro Bleeding-heart	I	Mindoro (Philippines)
<i>Gallincolomba keayi</i>	Negros Bleeding-heart	I	Negros (Philippines)
<i>Gallincolomba menagei</i>	Sulu Bleeding-heart	I	Tawi Tawi (Philippines)
<i>Gallincolomba erythroptera</i>	Polynesian Ground Dove	E	Society Is, Tuamotu Archipelago (France)

<i>Gallicolumba sanctacrucis</i>	Santa Cruz Ground Dove	R	Vanuatu, Solomon Is.
<i>Gallicolumba salamonis</i>	Thick-billed Ground Dove	I	Solomon Is.
<i>Gallicolumba rubescens</i>	Marquesas Ground Dove	R	Marquesas (France)
<i>Gallicolumba hoedtii</i>	Wetar Ground Dove	I	Wetar & Timor (Indonesia)
<i>Microgoura meeki</i>	Choiseul Pigeon	Ex	[Choiseul (Solomon Is)]
<i>Goura cristata</i>	Western Crowned Pigeon	R	Irian Jaya (Indonesia)
<i>Goura scheepmakeri</i>	Southern Crowned Pigeon	R	Irian Jaya (Indonesia), Papua New Guinea
<i>Goura victoria</i>	Victoria Crowned Pigeon	R	Irian Jaya (Indonesia), Papua New Guinea
<i>Didunculus strigirostris</i>	Tooth-billed Pigeon	V	Western Samoa
<i>Treeron teysmannii</i>	Sumba Green-pigeon	V	Sumba (Indonesia)
<i>Treeron psittacea</i>	Timor Green-pigeon	V	Timor, Roti & Seman (Indonesia)
<i>Treeron capellei</i>	Large Green-pigeon	V	Burma, Thailand, Brunei, Indonesia, Malaysia
<i>Ptilinopus dohertyi</i>	Red-naped Fruit-dove	R	Sumba (Indonesia)
<i>Ptilinopus roseicapilla</i>	Mariana Fruit-dove	R	Guam, N. Mariana Is. (U.S.A.)
<i>Ptilinopus huttoni</i>	Rapa Fruit-dove	E	Austral Is (France)
<i>Ptilinopus mercierii</i>	Marquesas Fruit-dove	Ex	[Marquesas Is (France)]
<i>Ptilinopus granulifrons</i>	Carunculated Fruit-dove	I	Obi (Indonesia)
<i>Ptilinopus arcanus</i>	Negros Fruit-dove	I	Negros (Philippines)
<i>Drepanoptila holosericea</i>	Cloven-feathered Dove	R	New Caledonia (France)
<i>Ducula mindorensis</i>	Mindoro Imperial-pigeon	R	Mindoro (Philippines)
<i>Ducula aurorae</i>	Polynesian Imperial-pigeon	R	Society Is, Tuamotu Arch. (France)
<i>Ducula galeata</i>	Marquesas Imperial-pigeon	V	Marquesas Is (France)
<i>Ducula whartoni</i>	Christmas Imperial-pigeon	R	Christmas I. (Australia)
<i>Ducula pickeringii</i>	Grey Imperial-pigeon	R	Indonesia, Malaysia, Philippines
<i>Ducula goliath</i>	Giant Imperial-pigeon	V	New Caledonia (France)
	Black-winged Lory	R	Irian Jaya (Indonesia)

Order PSITTACIFORMES

Family Loriidae

Eos cyanogenia

<i>Eos reticulata</i>	Blue-streaked Lory	R	Tanimbar Is (Indonesia)
<i>Eos histrio</i>	Red-and-blue Lory	R	Talaud & Sangihe (Indonesia)
<i>Lorius domicella</i>	Purple-naped Lory	R	Ambon & Seram (Indonesia)
<i>Vini kuhlii</i>	Kuhl's Lorikeet	R	Fr. Polynesia, Kiribati, Tubuai Is.
<i>Vini stephensi</i>	Stephen's Lorikeet	R	Henderson I., Pitcairn
<i>Vini peruviana</i>	Blue Lorikeet	V	Society Is, Tuamotu Archipelago (France)
<i>Vini ultramarina</i>	Ultramarine Lorikeet	V	Marquesas Is (France)
<i>Charmosyna toxopei</i>	Blue-fronted Lorikeet	I	Buru (Indonesia)
<i>Charmosyna diadema</i>	New Caledonian Lorikeet	I	New Caledonia (France)
Family Cacatuidae			
<i>Cacatua sulphurea</i>	Yellow-crested Cockatoo	V	Indonesia
<i>Cacatua moluccensis</i>	Salmon-crested Cockatoo	E	Seram, Ambon, Haruku, Saparua (Indonesia)
<i>Cacatua alba</i>	White Cockatoo	E	Moluccas (Indonesia)
<i>Cacatua haematuropygia</i>	Red-vented Cockatoo	E	Philippines
<i>Cacatua goffini</i>	Tanimbar Corella	E	Tanimbar Is (Indonesia)
Family Psittacidae			
<i>Psittaculirostris salvadorii</i>	Salvadori's Fig-parrot	R	Irian Java (Indonesia)
<i>Prioniturus luconensis</i>	Green Racquet-tail	R	Luzon & Marinduque (Philippines)
<i>Prioniturus mada</i>	Buru Racquet-tail	I	Buru (Indonesia)
<i>Polytelis alexandrae</i>	Princess Parrot	K [#]	Australia
<i>Psephotus chrysopterygius</i>	Golden-shouldered Parrot	R	Australia
<i>Psephotus dissimilis</i>	Hooded Parrot	K [*]	Australia
<i>Psephotus pulcherrimus</i>	Paradise Parrot	E	Australia
<i>Cyanoramphus unicolor</i>	Antipodes Parakeet	R	New Zealand
<i>Neophema chrysogaster</i>	Orange-bellied Parrot	R	Australia
<i>Neophema splendida</i>	Scarlet-chested Parrot	R	Australia
<i>Pezoporus wallicus</i>	Ground Parrot	E	Australia
<i>Geopsittacus occidentalis</i>	Night Parrot	I	S. Australia, W. Australia

<i>Agapornis nigrigenis</i>	Black-cheeked Lovebird	R	Zambia
<i>Loriculus catamene</i>	Sangihe Hanging Parrot	V	Sangihe (Indonesia)
<i>Psittacula intermedia</i>	Rothschild's Parakeet	I	India
<i>Psittacula caniceps</i>	Nicobar Parakeet	I	Nicobar Is (India)
<i>Psittacula eques</i> (replaces <i>P. echo</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>	Lear's Macaw	E	Bahia (Brazil)
<i>Cyanopsitta spixii</i>	Little Blue Macaw	E	Brazil
<i>Ara glaucogularis</i>	Blue-throated Macaw	I	Bolivia
<i>Ara rubrogenys</i>	Red-fronted Macaw	K*	Bolivia
<i>Aratinga guarouba</i>	Golden Parakeet	V	Brazil
<i>Aratinga brevipes</i>	Socorro Parakeet	I	Revillagigedo Is (Mexico)
<i>Aratinga erythrogenys</i>	Red-masked Parakeet	K*	Ecuador, Peru
<i>Aratinga euops</i>	Cuban Parakeet	V	Cuba
<i>Aratinga auricopillus</i>	Golden-capped Parakeet	K*	Brazil
<i>Leptosittaca branickii</i>	Golden-plumed Parakeet	K*	Colombia, Ecuador, Peru
<i>Ognorhynchus icterotis</i>	Yellow-eared Parrot	V	Colombia, Ecuador
<i>Rhynchopsitta pachyrhyncha</i>	Thick-billed Parrot	V	Mexico and U.S.A.
<i>Rhynchopsitta terrisi</i>	Maroon-fronted Parrot	E	Mexico
<i>Pyrrhura cruentata</i>	Blue-throated Parakeet	R	Brazil
<i>Pyrrhura orcesi</i>	El Oro Parakeet	K*	Ecuador
<i>Pyrrhura perlata</i>	Pearly Parakeet	K*	Brazil
<i>Pyrrhura hypoxantha</i>	Yellow-sided Parakeet	K*	Brazil
<i>Pyrrhura albipectus</i>	White-necked Parakeet	K*	Ecuador
<i>Pyrrhura calliptera</i>	Brown-breasted Parakeet	K*	Colombia
<i>Bolborhynchus ferrugineifrons</i>	Rufous-fronted Parakeet	I	Colombia
<i>Brotogeris pyrrhopterus</i>	Grey-cheeked Parakeet	K*	Ecuador, Peru
<i>Touit melanonota</i>	Brown-backed Parrotlet	R	Brazil
<i>Touit surda</i>	Golden-tailed Parrotlet	I	Brazil
<i>Touit stictoptera</i>	Spot-winged Parrotlet	K*	Colombia, Ecuador

<i>Hapalopsittaca amazonina</i>	Rusty-faced Parrot	K*	Colombia, Ecuador, Venezuela
<i>Hapalopsittaca fuertesi</i>	Fuertes' Parrot	K*	Colombia
<i>Hapalopsittaca pyrrhops</i>	Red-faced Parrot	K*	Ecuador, Peru
<i>Amazona leucocephala</i>	Cuban Parrot	K*	Cayman Is., Cuba
<i>Amazona vittata</i>	Puerto Rican Parrot	E	Puerto Rico
<i>Amazona tucumana</i>	Tucuman Parrot	K*	Argentina, Bolivia
<i>Amazona pretrei</i>	Red-spectacled Parrot	V	Argentina, Brazil, Paraguay, Uruguay
<i>Amazona viridigenalis</i>	Red-crowned Parrot	V	Mexico
<i>Amazona brasiliensis</i>	Red-tailed Parrot	E	Brazil
<i>Amazona dufresniana</i>	Blue-cheeked Parrot	K*	Brazil, Venezuela, Guianas
<i>Amazona rhodocorytha</i>	Red-browed Parrot	K*	Brazil
<i>Amazona xanithops</i>	Yellow-faced Parrot	K*	Brazil
<i>Amazona barbadensis</i>	Yellow-shouldered Parrot	V	Netherlands Antilles, Venezuela
<i>Amazona ochrocephala</i>	Yellow-crowned Parrot	K*	Central & South America
<i>Amazona vinacea</i>	Vinaceous Parrot	K*	Argentina, Brazil, Paraguay
<i>Amazona versicolor</i>	St. Lucia Parrot	R	St Lucia
<i>Amazona arausiaca</i>	Red-necked Parrot	E	Dominica
<i>Amazona guildingii</i>	St. Vincent Parrot	R	St Vincent
<i>Amazona imperialis</i>	Imperial Parrot	E	Dominica
<i>Triclaria malachitacea</i>	Purple-bellied Parrot	K*	Brazil
<i>Strigops habroptilus</i>	Kakapo	E	South Island (New Zealand)
Order CUCULIFORMES			
Family Musophagidae			
	Bannerman's Turaco	E	Cameroon
	Prince Ruspoli's Turaco	R	Ethiopia
Family Cuculidae			
	Green-cheeked Bronze Cuckoo	I	Romang & Damar (Indonesia)
	Cocos Cuckoo	R	Costa Rica
	Red-faced Malkoha	V	India, Sri Lanka

Neomorphus radiolosus
Carpococcyx radiceus
Coua delalandei
Centropus chlororhynchus
Centropus rectunguis
Centropus steerii
Centropus nigrorufus

Banded Ground Cuckoo
 Sunda Ground Cuckoo
 Snail-eating Coua
 Green-billed Coucal
 Short-toed Coucal
 Steere's Coucal
 Javan Coucal

K* Colombia, Ecuador
 K Brunei, Indonesia, Malaysia
 Ex [Madagascar]
 E Sri Lanka
 R Brunei, Indonesia, Malaysia
 I Mindoro (Philippines)
 V Java (Indonesia)

Order STRIGIFORMES

Family Tytonidae

Tyto saumagnei
Tyto nigrobrunnea
Tyto inexpectata
Tyto sororcula
Tyto aurantia
Phodilus prigoginei

Madagascar Red Owl
 Taliabu Owl
 Minahassa Owl
 Lesser Masked Owl
 Golden Owl
 Congo Bay Owl

I Madagascar
 I Taliabu (Indonesia)
 I Sulawesi (Indonesia)
 I Buru & Tanimbar Is (Indonesia)
 K New Britain (Papua New Guinea)
 I Burundi, Zaire

Family Strigidae

Otus sagittatus
Otus ireneae
Otus stresemanni
Otus angelinae
Otus alfredi
Otus mindorensis
Otus pauliani
Otus insularis
Otus hartlaubi
Bubo vosseleeri
Ketupa blakistoni
Scotopelia ussheri
Glauclidium albertinum

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 Tome Scops-owl
 Usambara Eagle-owl
 Blakiston's Fish-owl
 Rufous Fishing Owl
 Albertine Owllet

I Burma, Thailand, Indonesia, Malaysia
 E Kenya
 I Sumatra (Indonesia)
 R Java (Indonesia)
 I Flores (Indonesia)
 R Mindoro (Indonesia)
 K Comoro Is
 R Seychelles
 R Sao Tome
 R Tanzania
 R China, Japan, U.S.S.R.
 R West Africa
 R Rwanda, Zaire

Athene blewitti
Strix occidentalis

Order CAPRIMULGIFORMES

Family Podargidae

Batrachostomus hartei

Family Nyctibiidae

Nyctibius aethereus

Nyctibius leucopterus

Nyctibius bracteatus

Family Caprimulgidae

Eurostopodus diabolicus

Siphonorhis americanus

Caprimulgus noctitherus

Caprimulgus candicans

Caprimulgus centralasicus

Caprimulgus pulchellus

Macropsalis creagra

Eleothreptus anomalus

Order APODIFORMES

Family Apodidae

Cypseloides temosi

Hydrochous gigas

Aerodramus elaphrus

Aerodramus leucophaeus

Forest Owl
Spotted Owl

Ex [India]
K* Canada, U.S., Mexico

Dulit Frogmouth

K Kalimantan (Indonesia), Sarawak
(Malaysia)

Long-tailed Potoo

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

White-winged Potoo

K*

Rufous Potoo

K* Brazil
Colombia, Ecuador, Guyana, Peru

Satanic Nightjar

I Sulawesi (Indonesia)

Jamaican Pauraque

Ex [Jamaica]

Puerto Rican Nightjar

R Puerto Rico

White-winged Nightjar

K* Brazil, Paraguay

Vaurie's Nightjar

I China

Salvadori's Nightjar

I Sumatra & Java (Indonesia)

Long-trained Nightjar

K* Argentina, Brazil

Sickle-winged Nightjar

K* Argentina, Brazil, Paraguay, Uruguay

White-chested Swift

K*

Giant Swiftlet

I Sumatra & Java (Indonesia),
Peninsular Malaysia

Seychelles Swiftlet

R Seychelles

Tahiti Swiftlet

V Society Is (France)

Aerodramus sawtelli
Schoutedenopus schoutedeni
Apus sladeniae
Apus acuticauda

Family Trochilidae

Androdon aequatorialis
Glaucis dohrnii
Campylopterus ensipennis
Popelairia letitia
Lepidopyga lilliae
Amazilia luciae
Amazilia distans
Amazilia boucardi
Amazilia castaneiventris
Eupherusa poliocerca
Eupherusa cyanophrys
Hylonympha macrocerca
Aglaeactis aliciae
Coeligena prunellei
Sephanoides fernandensis
Helianigelus regalis
Eriocnemis nigrirostris
Eriocnemis godini
Eriocnemis mirabilis
Eriocnemis derbyi
Haplophoedia lugens
Metallura odomae
Metallura baroni
Taphrolessbia griseiventris
Augastes scutatus

Atiu Swiftlet	R	Cook Is.
Schouteden's Swift	I	Zaire
Fernando Po Swift	K	Angola, Cameroon, Fernando Po (Equatorial Guinea), Nigeria
Dark-rumped Swift	I	India
Tooth-billed Hummingbird	K*	Panama, Colombia, Ecuador
Hook-billed Hermit	E	Bahia, Espirito Santo (Brazil)
White-tailed Sabrewing	K*	Tobago (Trinidad), Venezuela
Coppery Thorntail	K*	Bolivia
Sapphire-bellied Hummingbird	K*	Colombia
Honduran Emerald	K*	Honduras
Tachira Emerald	K*	Venezuela
Mangrove Hummingbird	K*	Costa Rica
Chestnut-bellied Hummingbird	K*	Colombia
White-tailed Hummingbird	K*	Mexico
Blue-capped Hummingbird	K*	Mexico
Scissor-tailed Hummingbird	K*	Venezuela
Purple-backed Sunbeam	K*	Peru
Black Inca	I	Colombia
Juan Fernandez Firecrown	V	Juan Fernandez Is (Chile)
Royal Sunangel	K*	Peru
Black-breasted Puffleg	K*	Ecuador
Turquoise-throated Puffleg	K*	Ecuador
Colorful Puffleg	K*	Colombia
Black-thighed Puffleg	K*	Colombia, Ecuador
Hoary Puffleg	K*	Colombia, Ecuador
Neblina Metaltail	K*	Peru
Violet-throated Metaltail	K*	Ecuador
Grey-bellied Comet	K*	Peru
Hyacinth Visorbearer	K*	Brazil

Loddigesia mirabilis
Calypte helenae
Eulidia yarrellii
Acestrura bombus
Acestrura berlepschi
Selasphorus ardens

Marvellous Spatuletail
 Bee Hummingbird
 Chilean Woodstar
 Little Woodstar
 Esmeraldas Woodstar
 Glow-throated Hummingbird

K* Peru
 R Cuba
 R Bolivia, Chile
 K* Ecuador, Peru
 K* Ecuador
 K* Panama

Order TROGONIFORMES

Family Trogonidae
Pharomachus mocinno
Euptilotis 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

Halcyon australasia
Halcyon mangaiia
Halcyon gambieri
Halcyon godeffroyi
Halcyon bougainvillei
Actenoides hombroni
Tanyseptera riedelii

Blyth's Kingfisher
 Cinnamon-banded Kingfisher
 Mangaia Kingfisher
 Tuamotu Kingfisher
 Marquesas Kingfisher
 Moustached Kingfisher
 Blue-capped Wood Kingfisher
 Biak Paradise Kingfisher

I China, Bangladesh, Bhutan, Burma,
 India, Nepal, Vietnam
 V Lesser Sundas (Indonesia)
 R Cook Is
 R Tuamotu Archipelago (France)
 V Marquesas Is (France)
 I Papua New Guinea, Solomon Is
 V Mindano (Philippines)
 V Indonesia

Family Momotidae
Electron carinatum

Keel-billed Motmot

K* Central America

Family Brachypteraciidae

Brachypteracias leptosomus
Brachypteracias squamigera
Atelornis crossleyi

Short-legged Ground Roller
 Scaly Ground Roller
 Rufous-headed Ground Roller

R Madagascar
 R Madagascar
 R Madagascar

<i>Uratelornis chimaera</i>	Long-tailed Ground Roller	R	Madagascar
Family Bucerotidae			
<i>Aceros nipalensis</i>	Rufous-necked Hornbill	R	SE Asia
<i>Aceros corrugatus</i>	Wrinkled Hornbill	R	Thailand, Brunei, Indonesia, Malaysia
<i>Aceros everetti</i>	Sumba Hornbill	V	Sumba (Indonesia)
<i>Aceros subruficollis</i>	Plain-pouched Hornbill	I	Burma, India, Thailand, Indonesia
<i>Aceros narcondami</i>	Narcondam Hornbill	R	Andaman Is (India)
<i>Anthracoceros montani</i>	Sulu Hornbill	R	Sulu Is (Philippines)
<i>Rhinoplax vigil</i>	Helmeted Hornbill	K	Burma, Indonesia, Malaysia, Thailand
Order PICIFORMES			
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	R	Java (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>Picoides borealis</i>	Red-cockaded Woodpecker	V	U.S.A.
<i>Colaptes fernandinae</i>	Cuban Flicker	K	Cuba

Dryocopus galeatus
Campephilus principalis
Campephilus imperialis
Picus rufi
Saphocipipo noguchii

E Argentina, Brazil, Paraguay
 E Cuba, U.S.A.
 E Mexico
 I Laos, Vietnam
 E Ryukyu Is (Japan)

Order PASSERIFORMES

Family Eurylaimidae

Pseudocalyptomena graueri

African Green Broadbill

R Uganda, Zaire

Family Dendrocolaptidae

Xiphocolaptes falcirostris

Moustached Woodcreeper

K* Brazil

Family Furnariidae

Cinclodes palliatus
Cinclodes aricomae
Aphrastura masafueræ
Leptasthenura xenothorax
Synallaxis infuscata
Synallaxis curseni
Synallaxis cherriei
Synallaxis zimmeri
Asthenes huancavelicae
Asthenes anthoides
Asthenes urubambensis
Thripophaga cherriei
Thripophaga macroura
Thripophaga berlepschi
Clibanornis dendrocolaptooides
Margarornis tatei
Philydor novaesi
Simoxenops striatus

K* Peru
 K* Bolivia, Peru
 R Chile
 K* Peru
 K* Brazil
 K* Peru
 K* Brazil, Ecuador, Peru
 K* Peru
 K* Peru
 K* Argentina, Chile
 K* Peru
 K* Venezuela
 K* Brazil
 K* Peru
 K* Argentina, Brazil, Paraguay
 K* Venezuela
 K* Brazil
 K* Bolivia

<i>Automolus ruficollis</i>	Rufous-necked Foliage-gleaner	K*	Ecuador, Peru
<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 zarumae</i>	Chapman's Antshrike	K*	Ecuador, Peru
<i>Thamnophilus praecox</i>	Cocha Antshrike	K*	Ecuador, Peru
<i>Clytoctantes alixii</i>	Recurve-billed Bushbird	K*	Colombia, Venezuela
<i>Xenornis setifrons</i>	Speckled Antshrike	K*	Panama, Colombia
<i>Thamnomanes plumbeus</i>	Plumbeous Antshrike	K*	Brazil
<i>Mymotherula minor</i>	Salvadori's Antwren	K*	Brazil
<i>Mymotherula grisea</i>	Ashy Antwren	K*	Bolivia
<i>Herpsilochmus pileatus</i>	Black-capped Antwren	K*	Brazil
<i>Herpsilochmus pectoralis</i>	Pectoral Antwren	K*	Brazil
<i>Herpsilochmus parkeri</i>	Ash-throated Antwren	K*	Peru
<i>Formicivora itheringi</i>	Narrow-billed Antwren	V	Brazil
<i>Formicivora erythronotos</i>	Black-hooded Antwren	E	Brazil
<i>Terenura sharpei</i>	Yellow-rumped Antwren	K*	Bolivia, Peru
<i>Terenura sicki</i>	Orange-bellied Antwren	K*	Brazil
<i>Cercomacra brasiliana</i>	Orange-bellied Antwren	K*	Brazil
<i>Cercomacra carbonaria</i>	Rio de Janeiro Antbird	K*	Brazil
<i>Pyrglena atra</i>	Rio Branco Antbird	K*	Brazil
<i>Rhopornis ardesiaca</i>	Fringe-backed Fire-eye	E	Bahia (Brazil)
<i>Myrmeciza ruficauda</i>	Slender Antbird	V	Bahia (Brazil)
<i>Myrmeciza griseiceps</i>	Scalloped Antbird	K*	Brazil
<i>Myrmeciza sictothorax</i>	Grey-headed Antbird	K*	Ecuador, Peru
<i>Rhagmatorhina hoffmannsi</i>	Spot-breasted Antbird	K*	Brazil
<i>Phlegopsis barringeri</i>	White-breasted Antbird	K*	Brazil
<i>Formicarius rufifrons</i>	Argus Bare-eye	K*	Colombia
<i>Grallaria gigantea</i>	Rufous-fronted Antthrush	K*	Peru
<i>Grallaria alleni</i>	Giant Antpitta	K*	Colombia, Ecuador
	Moustached Antpitta	I	Colombia

Grallaria chithonia
Grallaria rufocinerea
Grallaria milleri
Grallaricula lineifrons
Grallaricula cucullata

Family Conopophagidae
Conopophaga roberti

Family Rhinocryptidae
Merulaxis stresemanni
Scytalopus novacapitalis

Family Cotingidae
Laniisoma elegans

Phibalura flavirostris
Tijuca condita
Carpornis melanocephalus
Ampelion stresemanni
Iodopleura pipra
Calyptura cristata
Lipaugus lanioides
Cotinga ridgwayi
Cotinga maculata
Xipholena atropurpurea
Carpodectes antoniae
Cephalopterus glabricollis
Cephalopterus penduliger

Family Pipridae
Piprites pileatus

Tachira Antpitta
Bicolored Antpitta
Brown-banded Antpitta
Crescent-faced Antpitta
Hooded Antpitta

Hooded Gnateater

Stresemann's Bristlefront
Brasilia Tapaculo

Shrike-like Cotinga

Swallow-tailed Cotinga
Grey-winged Cotinga
Black-headed Berryeater
White-cheeked Cotinga
Buff-throated Purpletuft
Kinglet Calyptura
Cinnamon-vented Piha
Turquoise Cotinga
Banded Cotinga
White-winged Cotinga
Yellow-billed Cotinga
Bare-necked Umbrellabird
Long-wattled Umbrellabird

Black-capped Manakin

K* Venezuela
 K* Colombia
 I Colombia
 K* Colombia, Ecuador
 K* Colombia, Venezuela

K* Brazil

I Bahia (Brazil)
 I Góias (Brazil)

K* Bolivia, Brazil, Colombia, Ecuador,
 Peru, Venezuela
 K* Argentina, Bolivia, Brazil
 K* Brazil
 K* Brazil
 K* Peru
 K* Brazil
 I Brazil
 K* Brazil
 K* Costa Rica, Panama
 V Brazil
 V Brazil
 K* Costa Rica, Panama
 K* Costa Rica, Panama
 V Colombia, Ecuador

K* Argentina, Brazil

<i>Pipra vilasboasi</i>	Golden-crowned Manakin	K*	Brazil
Family Tyrannidae			
<i>Hemitriccus aenigma</i>	Zimmer's Tody-tyrant	K*	Brazil
<i>Hemitriccus cinnamomeipectus</i>	Cinnamon-breasted Tody-tyrant	K*	Ecuador, Peru
<i>Idioptilon kaempferi</i>	Kaempfer's Tody-tyrant	K*	Brazil
<i>Ceratobrycon furcatus</i>	Fork-tailed Tody-tyrant	K*	Brazil
<i>Todirostrum viridanum</i>	Short-tailed Tody-flycatcher	K*	Venezuela
<i>Anairetes alpinus</i>	Ash-breasted Tit-tyrant	K*	Bolivia, Peru
<i>Serpophaga arguayae</i>	Bananal Tyrannulet	K*	Brazil
<i>Culicivora caudacuta</i>	Sharp-tailed Tyrant	K*	Argentina, Bolivia, Brazil, Paraguay
<i>Polystictus pectoralis</i>	Bearded Tachuri	K*	South America
<i>Polystictus superciliaris</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>Platyrinchus leucorhynchus</i>	Russet-winged Spadebill	K*	Brazil, Paraguay
<i>Empidonax griseiceps</i>	Grey-breasted Flycatcher	K*	Ecuador, Peru
<i>Xolmis dominicana</i>	Black-and-White Monjita	K*	Argentina, Brazil, Paraguay, Uruguay
<i>Agriornis andicola</i>	White-tailed Shrike-tyrant	K*	Argentina, Bolivia, Chile, Ecuador, Peru
<i>Yetapa risoria</i>	Strange-tailed Tyrant	K*	Argentina, Brazil, Paraguay, Uruguay
Family Phytotomidae			
<i>Phytotoma raimondi</i>	Peruvian Plantcutter	K*	Peru
Family Pittidae			
<i>Pitta schneideri</i>	Schneider's Pitta	E	Sumatra (Indonesia)
<i>Pitta ellioti</i>	Bar-bellied Pitta	R	Cambodia, Laos, Thailand, Vietnam

<i>Pitta gurneyi</i>					
<i>Pitta kochi</i>					
<i>Pitta nympha</i>					
<i>Pitta superba</i>					
<i>Pitta steerii</i>					
<i>Pitta anerythra</i>					
Family Xenicidae					
<i>Xenicus longipes</i>					
Family Philepittidae					
<i>Neodrepanis hypoxanthus</i>					
Family Atrichornithidae					
<i>Atrichornis rufescens</i>					
<i>Atrichornis clamosus</i>					
Family Alaudidae					
<i>Mirafra ashi</i>					
<i>Mirafra degodiensis</i>					
<i>Heteromirafra archeri</i>					
<i>Heteromirafra ruddi</i>					
<i>Heteromirafra sidamoensis</i>					
<i>Spizocorys fringillaris</i>					
<i>Alauda razae</i>					
Family Hirundinidae					
<i>Pseudochelidon sirintarae</i>					
<i>Tachycineta cyaneoviridis</i>					
<i>Hirundo megaensis</i>					
<i>Hirundo perdita</i>					
Gurney's Pitta	E	Burma, Thailand			
Whiskered Pitta	I	Luzon (Philippines)			
Fairy Pitta	R	China, Hong Kong, Japan, S. Korea, Taiwan, Malaysia			
Superb Pitta	I	Bismarck Arch. (Papua New Guinea)			
Azure-breasted Pitta	R	Philippines			
Black-faced Pitta	I	Bougainville, Solomon Is.			
Bush Wren	Ex	[New Zealand]			
Small-billed Asity	I	Madagascar			
Rufous Scrub-bird	R	Australia			
Noisy Scrub-bird	E	W. Australia			
Ash's Lark	K	Somalia			
Degodi Lark	K	Ethiopia			
Archer's clawed Lark	I	Somalia			
Rudd's Lark	I	Lesotho, Swaziland			
Sidamo Lark	I	Ethiopia			
Botha's Lark	I	South Africa			
Raso Lark	R	Cape Verde Is.			
White-eyed River Martin	I	Thailand			
Bahama Swallow	K	Bahamas			
White-tailed Swallow	R	Ethiopia			
Red Sea Cliff Swallow	K*	Sudan			

Family Motacillidae

- Anthus sokokensis*
- Anthus chloris*
- Anthus chacoensis*
- Anthus nattereri*

- Sokoke Pipit
- Yellow-breasted Pipit
- Chaco Pipit
- Ochre-breasted Pipit

- V Kenya, Tanzania
- K* Lesotho, Southern Africa
- K* Argentina, Paraguay
- K* Argentina, Brazil, Paraguay

Family Campephagidae

- Coracina schistacea*
- Coracina typica*
- Coracina newtoni*
- Coracina coerulescens*
- Coracina sula*
- Coracina ostenta*
- Campephaga lobata*

- Slaty Cuckoo-shrike
- Mauritius Cuckoo-shrike
- Reunion Cuckoo-shrike
- Blackish Cuckoo-shrike
- Sula Cuckoo-shrike
- White-winged Cuckoo-shrike
- Ghana Cuckoo-shrike

- R Banggai & Sula Is (Indonesia)
- V Mauritius
- V Reunion
- R Luzon (Philippines)
- R Sula Is (Indonesia)
- R Philippines
- V Ghana, Guinea, Cote d'Ivoire, Liberia, Sierra Leone

Family Pycnonotidae

- Pycnonotus newwenhuisii*
- Chlorocichla prigoginei*
- Phyllastrephus leucolepis*
- Phyllastrephus apperti*
- Phyllastrephus tenebrosus*
- Phyllastrephus cinericeps*
- Criniger olivaceus*

- Blue-Wattled Bulbul
- Prigogine's Greenbul
- Liberian Greenbul
- Appert's Greenbul
- Dusky Greenbul
- Grey-crowned Greenbul
- Yellow-bearded Bulbul

- I Kalimantan & Sumatra (Indonesia)
- V Zaire
- K* Liberia
- R Madagascar
- R Madagascar
- R Madagascar
- V Ghana, Guinea, Cote d'Ivoire, Liberia, Senegal, Sierra Leone
- I Philippines
- V Mauritius

- Hypsipetes siquijorensis*
- Hypsipetes olivaceus*

- Streak-breasted Bulbul
- Mauritius Bulbul

Family Laniidae

- Prionops gabela*
- Laniarius liberatus*

- Gabela Helmet-shrike
- Buulobarde Boubou

- I Angola
- K* Somalia

Malacotus kupeensis
Malacotus gladiator
Malacotus alius
Malacotus monteiri
Lanius newtoni

Family Vangidae

Xenopirostris damii
Xenopirostris polleni

Family Cinclidae

Cinclus schulzi

Family Troglodytidae

Hylorchilus sumichrasti
Cistothorus apolinari
Thryomanes sissonii
Ferminia cerveri
Thryothorus nicefori
Troglodytes tanneri

Family Mimidae

Nesomimus trifasciatus
Mimodes graysoni
Ramphocinclus brachyrus

Family Muscicapidae

Brachypteryx hyperythra
Swynnertonia swynnertoni
Sheppardia gabela
Sheppardia gunningi

Luscinia ruficeps

Mount Kupe Bush-Shrike
 Green-breasted Bush-shrike
 Uluguru Bush-shrike
 Monteiro's Bush-shrike
 Sao Tome Fiscal Shrike

Van Dam's Vanga
 Pollen's Vanga

Rufous-throated Dipper

Slender-billed Wren
 Apolinar's Marsh Wren
 Socorro Wren
 Zapata Wren
 Niceforo's Wren
 Clarion Wren

Floreana Mockingbird
 Socorro Mockingbird
 White-breasted Thrasher

Rusty-bellied Shortwing
 Swynnerton's Robin
 Gabela Akalat
 East Coast Akalat

Rufous-headed Robin

I Cameroon
 R Cameroon, Nigeria
 R Tanzania
 I Angola, Cameroon
 I Sao Tome

R Madagascar
 R Madagascar

I Argentina, Bolivia

K* Mexico
 V Colombia
 R Mexico
 I Cuba
 K* Colombia
 R Clarion Is (Mexico)

K* Galapagos Is. (Ecuador)
 E Socorro Is (Mexico)
 E Martinique, St Lucia

I China, India
 R Mozambique, Tanzania, Zimbabwe
 I Angola
 R Kenya, Malawi, Mozambique,
 Tanzania
 I Mongolia, China

<i>Erethacus obscura</i>	Black-throated Robin	I	China, Thailand
<i>Cossypha heinrichi</i>	White-headed Robin-chat	I	Angola, Zaire
<i>Modulatrix orostruthus</i>	Dapple-throat	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 cebuensis</i>	Black Shama	E	Seychelles
<i>Copsychus sechellarum</i>	Seychelles Magpie Robin	E	Seychelles
<i>Rhyacornis bicolor</i>	Luzon Redstart	R	Luzon (Philippines)
<i>Cochoa azurea</i>	Javan Cochoa	R	Java (Indonesia)
<i>Cochoa beccarii</i>	Sumatran Cochoa	R	Sumatra (Indonesia)
<i>Myadestes myadestinus</i>	Kamao	I	Hawaiian Is (U.S.A.)
<i>Myadestes lanaiensis</i>	Olomao	E	Hawaiian Is (U.S.A.)
<i>Myadestes palmeri</i>	Puatohi	E	Hawaiian Is (U.S.A.)
<i>Saxicola macrorhynca</i>	White-browed Bushchat	V	India, Pakistan
<i>Saxicola insignis</i>	Hodgson's Bushchat	K	Mongolia, China, India, Nepal
<i>Saxicola dacotiae</i>	Fuerteventura Stonechat	R	Canary Is. (Spain)
<i>Saxicola gutturalis</i>	White-bellied Bushchat	R	Timor, Roti, & Semau (Indonesia)
<i>Monticola bensoni</i>	Benson's Rockthrush	K	Madagascar
<i>Myiophoneus blighi</i>	Sri Lanka Whistling-thrush	V	Sri Lanka
<i>Zoothera schistacea</i>	Slaty-backed Thrush	R	Tanimbar Is (Indonesia)
<i>Zoothera peronii</i>	Orange-banded Thrush	R	Lesser Sundas (Indonesia)
<i>Zoothera everetti</i>	Everett's Thrush	R	Kalimantan (Indonesia), Sabah & Sarawak (Malaysia)
<i>Zoothera oberlaenderi</i>	Forest Ground-thrush	R	Madagascar
<i>Zoothera kibalensis</i>	Kibale Ground-thrush	I	Uganda
<i>Zoothera fischeri</i>	Spotted Ground-thrush	R	E. Africa, Southern Africa, Zaire
<i>Zoothera major</i>	Amami Thrush	R	Japan
<i>Zoothera machiki</i>	Fawn-breasted Thrush	R	Tanimbar Is (Indonesia)
<i>Turdus helleri</i>	Taita Thrush	E	Kenya
<i>Turdus menachensis</i>	Yemen Thrush	K*	Saudi Arabia, N. Yemen
<i>Turdus feae</i>	Grey-sided Thrush	K	China, Burma, India, Thailand

<i>Psophodes nigrogularis</i>	Western Whippbird	K*	Australia
<i>Pellorneum palustre</i>	Marsh Babbler	K	Bangladesh, India
<i>Trichastoma perspicillatum</i>	Black-browed Babbler	I	Kalimantan (Indonesia)
<i>Trichastoma vanderbilti</i>	Vanderbilt's Babbler	I	Sumatra (Indonesia)
<i>Leonardina woodi</i>	Bagobo Babbler	I	Mindano (Philippines)
<i>Napouilleia danjoui</i>	Short-tailed Scimitar-babbler	I	Vietnam
<i>Napothera rabori</i>	Rabor's Wren-babbler	K	Luzon (Philippines)
<i>Spelaeornis badeigularis</i>	Rusty-throated Wren-babbler	I	India
<i>Spelaeornis caudatus</i>	Rufous-throated Wren-babbler	K	Bhutan, India, Nepal
<i>Spelaeornis longicaudatus</i>	Tawny-breasted Wren-babbler	R	India
<i>Sphenocichla humei</i>	Wedge-billed Wren-babbler	R	Burma, India
<i>Stachyris rodolphei</i>	Deignan's Babbler	R	Thailand
<i>Stachyris speciosa</i>	Flame-templed Babbler	V	Negros & Panay (Philippines)
<i>Stachyris nigrorum</i>	Negros Babbler	V	Negros & Panay (Philippines)
<i>Stachyris grammiceps</i>	White-breasted Babbler	V	Java (Indonesia)
<i>Stachyris herberti</i>	Sooty Babbler	R	Laos
<i>Stachyris oglei</i>	Snowy-throated Babbler	R	India
<i>Moupinia altirostris</i>	Jerdon's Babbler	V	Bangladesh, Burma, India, Nepal, Pakistan
<i>Turdoides hindei</i>	Hinde's Pied Babbler	V	Kenya
<i>Garrulax cinereifrons</i>	Ashy-headed Laughingthrush	V	Sri Lanka
<i>Garrulax milleti</i>	Black-hooded Laughingthrush	I	Vietnam
<i>Garrulax sukatschewi</i>	Sukatschew's Laughingthrush	K	China
<i>Garrulax bieti</i>	White-speckled Laughingthrush	I	China
<i>Garrulax yersini</i>	Collared Laughingthrush	I	Vietnam
<i>Liocichla omeiensis</i>	Emei Shan Liocichla	R	China
<i>Alcippe variegaticeps</i>	Gold-fronted Fulvetta	V	China
<i>Crocias langbianis</i>	Grey-crowned Crocias	I	Vietnam
<i>Crossleyia xanthophrys</i>	Madagascar Yellowbrow	I	Madagascar
<i>Paradoxornis flavirostris</i>	Black-breasted Parrotbill	I	Bangladesh, Bhutan, Burma, India, Nepal
<i>Paradoxornis zappeyi</i>	Crested Parrotbill	R	Nepal China

<i>Paradoxornis przewalskii</i>	Przewalski's Parrotbill	K	China
<i>Paradoxornis davidianus</i>	Short-tailed Parrotbill	R	China, Burma, Laos, Thailand, Vietnam
<i>Paradoxornis ruficeps</i>	Rufous-headed Parrotbill	R	China, Bangladesh, Bhutan, Burma, India, Laos, Vietnam
<i>Picathartes gymnocephalus</i>	White-necked Picathartes	V	West Africa
<i>Picathartes oreas</i>	Grey-necked Picathartes	V	Cameroon, Eq. Guinea, Gabon, Nigeria
<i>Polioptila lembeyei</i>	Cuban Gnatcatcher	R	Cuba
<i>Bradypterus graueri</i>	Grauer's Scrub-warbler	V	Burundi, Rwanda, Uganda, Zaire
<i>Bradypterus grandis</i>	Ja Scrub-warbler	K	Cameroon, Gabon
<i>Bradypterus major</i>	Large-billed Bush-warbler	R	China, India, Nepal, Pakistan
<i>Acrocephalus paludicola</i>	Aquatic Warbler	K*	Western Palaearctic, Africa
<i>Acrocephalus sorghophilus</i>	Streaked Reed-warbler	R	China
<i>Acrocephalus rehsei</i>	Nauru Reed-warbler	E	Nauru
<i>Acrocephalus familiaris</i>	Millerbird	V	Hawaiian Is (U.S.A.)
<i>Acrocephalus rodericanus</i>	Rodrigues Brush Warbler	E	Rodrigues (Mauritius)
<i>Acrocephalus sechellensis</i>	Seychelles Brush Warbler	R	Seychelles
<i>Nesillas aldabranus</i>	Aldabra Warbler	E	Aldabra (Seychelles)
<i>Chloropeta gracilirostris</i>	Papyrus Yellow Warbler	R	Burundi, Kenya, Rwanda, Uganda, Zaire, Zambia
<i>Phylloscopus amoenus</i>	Sombre Leaf Warbler	I	Solomon Is.
<i>Cisticola haesitata</i>	Socotra Cisticola	I	Socotra (S. Yemen)
<i>Cisticola restricta</i>	Tana River Cisticola	K	Kenya
<i>Prinia burmesii</i>	Long-tailed Prinia	R	Bangladesh, India, Pakistan
<i>Prinia fluviatilis</i>	River Prinia	K	Cameroon, Chad, Nigeria
<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>	R	Kenya, Uganda, Zaire
<i>Macrosphenus pulitzeri</i>	I	Angola
<i>Amaurocichla bocagii</i>	I	Sao Tome
<i>Chaetornis striatus</i>	K	Bangladesh, India, Nepal
<i>Megalurus pryeri</i>	K	China, Japan
<i>Megalurus albolimbatus</i>	R	Papua New Guinea, Irian Jaya (Indonesia)
<i>Trichocichla rufa</i>	I	Fiji
<i>Malurus coronatus</i>	K*	Australia
<i>Amytornis textilis</i>	K*	Australia
<i>Amytornis goyderi</i>	I	Australia
<i>Amytornis barbatus</i>	K*	Australia
<i>Amytornis dorothaeae</i>	K*	Australia
<i>Dasyornis longirostris</i>	R	Australia
<i>Gerygone hypoxantha</i>	I	Biak (Indonesia)
<i>Aphelocephala pectoralis</i>	K*	Australia
<i>Melaenornis annamarulae</i>	I	Cote d'Ivoire, Liberia
<i>Rhinomyias albigularis</i>	V	Guimaras & Negros (Philippines)
<i>Rhinomyias brunneata</i>	V	China, India
<i>Rhinomyias colonus</i>	R	Sula Is & Peleng (Indonesia)
<i>Ficedula henrici</i>	I	Damar (Indonesia)
<i>Ficedula bonthaina</i>	K	Sulawesi (Indonesia)
<i>Ficedula harterti</i>	V	Sumba (Indonesia)
<i>Ficedula timorensis</i>	R	Timor (Indonesia)
<i>Cyornis sanfordi</i>	R	Sulawesi (Indonesia)
<i>Cyornis ruecki</i>	I	Sumatra (Indonesia)
<i>Cyornis herioti</i>	R	Luzon (Philippines)
<i>Muscicapa lendu</i>	R	Kenya, Uganda, Zaire
<i>Humblotia flavirostris</i>	R	Comoros
<i>Newtonia fanovanae</i>	I	Madagascar
<i>Petroica traversi</i>	E	Chatham Is (New Zealand)
<i>Batis minima</i>	K*	Gabon
Turner's Eremomela		
Pulitzer's Longbill		
Sao Tome Short-tail		
Bristled Grass Warbler		
Marsh Grassbird		
Fly River Grassbird		
Long-legged Warbler		
Purple-crowned Fairy-wren		
Thick-billed Grass-wren		
Eyrean Grass-wren		
Grey Grass-wren		
Carpentarian Grass-wren		
Western Bristlebird		
Biak Gerygone		
Chestnut-breasted Whiteface		
Nimba Flycatcher		
White-throated Jungle-flycatcher		
Brown-chested Jungle-flycatcher		
Henna-tailed Jungle-flycatcher		
Damar Blue Flycatcher		
Lompobattang Flycatcher		
Sumba Flycatcher		
Black-banded Flycatcher		
Matinan Flycatcher		
Rueck's Blue Flycatcher		
Blue-breasted Flycatcher		
Chapin's Flycatcher		
Grand Comoro Flycatcher		
Red-tailed Newtonia		
Chatham Island Robin		
Gabon Batis		

Platysteira laticincta
Terpsiphone corvina
Eutrichomyias rowleyi
Hypothymis helenae
Hypothymis coelestis
Pomarea dimidiata
Pomarea nigra
Pomarea mendozae
Pomarea iphis
Pomarea whitneyi
Clytorhynchus hamlini
Metabolus rugiensis
Monarcha everetti
Monarcha boanensis
Monarcha brehmii
Myiagra freycineti
Myiagra atra
Rhipidura malaitae
Pachycephala rufogularis
Pachycephala meyeri

Banded Wattle-eye
 Seychelles Paradise Flycatcher
 Caerulean Paradise Flycatcher
 Short-crested Monarch
 Celestial Monarch
 Rarotonga Monarch
 Tahiti Monarch
 Marquesas Monarch
 Iphis Monarch
 Fatuhiva Monarch
 Rennell Shrikebill
 Truk Monarch
 White-tipped Monarch
 Black-chinned Monarch
 Biak Monarch
 Guam Flycatcher
 Biak Flycatcher
 Malaita Fantail
 Red-lored Whistler
 Vogelkop Whistler

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Cameroon
 Seychelles
 [Sangihe (Indonesia)]
 Philippines
 Philippines
 Cook Is (New Zealand)
 Society Is (France)
 Marquesas (France)
 Marquesas (France)
 Marquesas (France)
 Solomon Is.
 Caroline Is (F.S.M.)
 Tanahjampea (Indonesia)
 Boano (Indonesia)
 Biak (Indonesia)
 Guam (U.S.A.)
 Biak & Numfor (Indonesia)
 Solomon Is.
 Australia
 Irian Jaya (Indonesia)

Family Paridae

Parus nuchalis
Parus holsti

White-winged Tit
 Yellow Tit

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 V

Family Sittidae

Sitta victoriae
Sitta ledanti
Sitta yunnanensis
Sitta solangiae
Sitta magna
Sitta formosa

White-browed Nuthatch
 Algerian Nuthatch
 Black-masked Nuthatch
 Yellow-billed Nuthatch
 Giant Nuthatch
 Beautiful Nuthatch

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Burma
 Algeria
 China
 Vietnam
 China, Burma, Thailand
 China, Bangladesh, Bhutan, Burma,
 India, Laos, Vietnam

Family Rhabdornithidae

Rhabdornis grandis

Long-billed Rhabdornis

R Luzon (Philippines)

Family Dicaeidae

Dicaeum everetti

Brown-backed Flowerpecker

R Natuna Is (Indonesia), Peninsular
Malaysia & Sarawak

Paradalotus quadrangintus

Forty-spotted Pardalote

K*

Family Nectariniidae

Anthreptes rubritorques

Banded Green Sunbird

R Tanzania

Anthreptes pallidigaster

Amani Sunbird

R Kenya, Tanzania

Nectarinia buetikoferi

Apricot-breasted Sunbird

V Sumba (Indonesia)

Nectarinia rockefelleri

Rockefeller's Sunbird

R Zaire

Nectarinia prigoginei

Marunga Sunbird

E Zaire

Nectarinia rufipennis

Rufous-winged Sunbird

R Tanzania

Dreptes thomensis

Giant Sunbird

R Tanzania

Aethopyga duyvenbodei

Elegant Sunbird

V Sangihe & Siau (Indonesia)

Family Zosteropidae

Zosterops flavus

Javan White-eye

R Java & Kalimantan (Indonesia),
Sarawak (Malaysia)

Zosterops uropygialis

Golden-bellied White-eye

I

Zosterops anomalus

Lemon-throated White-eye

R Kai Is (Indonesia)

Zosterops meeki

Tagula White-eye

K Sulawesi (Indonesia)

Zosterops kuehni

Ambon Yellow White-eye

R Tagula I. (Papua New Guinea)

Zosterops luteirostris

Splendid White-eye

R Ambon (Indonesia)

Zosterops sanctaerucis

Nendo White-eye

R Solomon Is.

Zosterops albogularis

White-chested White-eye

K Nendo (Solomon Is)

Zosterops modestus

Seychelles White-eye

E Norfolk I. (Australia)

Zosterops mouroniensis

Mount Karthala White-eye

E Comoros

Zosterops chloronothus

Mauritius Olive White-eye

V Mauritius

Speirops brunneus
Speirops leucophaea
Woodfordia lacertosa
Rukia ruki
Rukia longirostra
Madanga ruficollis
Heleia muelleri

Family Meliphagidae

Lichmera notabilis
Myzomela kuehni
Meliphaga vicina
Apalopteron familiare
Notiomystis cincta
Philemon brassi
Philemon fuscicapillus

Melidectes princeps
Moho braccatus
Moho bishopi
Xanthomyza phrygia
Manorina melanotis

Family Emberizidae

Emberiza sulphurata
Junco insularis
Xenospiza baileyi
Torreornis inexpectata
Rowettia goughensis
Nesospiza acunhae
Nesospiza wilkinsi
Xenospingus concolor

Fernando Po Speirops
 Principe Speirops
 Sanford's White-eye
 Truk White-eye
 Long-billed White-eye
 Rufous-throated White-eye
 Spot-breasted White-eye

Black-chested Honeyeater
 Crimson-hooded Honeyeater
 Tagula Meliphaga
 Bonin Islands Honeyeater
 Stitchbird
 Brass's Friarbird
 Dusky Friarbird

Long-bearded Melidectes
 Kauai Oo
 Bishop's Oo
 Regent Honeyeater
 Black-eared Miner

Japanese Yellow Bunting
 Guadalupe Junco
 Sierra Madre Sparrow
 Zapata Sparrow
 Gough Bunting
 Tristan Bunting
 Grosbeak Bunting
 Slender-billed Finch

R Bioko (Equatorial Guinea)
 R Principe (Sao Tome)
 K Nendo (Solomon Is)
 V Truk Is (F.S.M.)
 R Pohnpei (F.S.M.)
 I Buru (Indonesia)
 R Timor (Indonesia)

I Wetar (Indonesia)
 I Wetar (Indonesia)
 I Tagula I. (Papua New Guinea)
 V Bonin Is (Japan)
 R North Is (New Zealand)
 I Irian Jaya (Indonesia)
 R Halmahera, Bacan & Morotai (Indonesia)

R Papua New Guinea
 E Hawaiian Is (U.S.A.)
 E Hawaiian Is (U.S.A.)
 K* Australia
 K* Australia

R China, Japan, Taiwan, Philippines
 V Guadalupe
 K* Mexico
 R Cuba
 R Tristan da Cunha
 R Tristan da Cunha
 R Tristan da Cunha
 K* Chile, Peru

<i>Inca spiza ortizi</i>	Grey-winged Inca-finch	K*	Peru
<i>Poospiza alticola</i>	Plain-tailed Warbling-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 zelichi</i>	Entre Rios Seedeater	K*	Argentina
<i>Sporophila palustris</i>	Marsh Seedeater	K*	Argentina, Brazil, Paraguay, Uruguay
<i>Sporophila cinnamomea</i>	Chestnut Seedeater	K*	Argentina, Brazil, Paraguay
<i>Amaurospiza moesta</i>	Blackish-blue Seedeater	K*	Argentina, Brazil, Paraguay
<i>Melanospiza richardsoni</i>	St. Lucia Black Finch	K*	Argentina, Brazil
<i>Camarhynchus pauper</i>	Floreana Tree-finch	V	St Lucia
<i>Camarhynchus heliobates</i>	Mangrove Finch	I	Galapagos (Ecuador)
<i>Atlapetes flaviceps</i>	Olive-headed Brush-finch	I	Galapagos (Ecuador)
<i>Atlapetes pallidiceps</i>	Pale-headed Brush-finch	I	Colombia
<i>Oreothraupis arremonops</i>	Tanager-finch	K*	Ecuador
<i>Corythospiza melanotis</i>	Black-masked Finch	K*	Colombia, Ecuador
<i>Gubernatrix cristata</i>	Yellow Cardinal	K*	Argentina, Bolivia, Brazil, Paraguay
<i>Saltator rufiventris</i>	Rufous-bellied Saltator	K*	Argentina, Brazil, Uruguay
<i>Conothraupis mesoleuca</i>	Cone-billed Tanager	K*	Bolivia
<i>Chlorospingus flavovirens</i>	Yellow-green Bush-tanager	K*	Brazil
<i>Nemosia rourei</i>	Cherry-throated Tanager	K*	Colombia, Ecuador
<i>Habia atrimaxillaris</i>	Black-cheeked Ant-tanager	E	Rio de Janeiro
<i>Habia gutturalis</i>	Sooty Ant-tanager	K*	Costa Rica
<i>Buthraupis melanochlamys</i>	Black-and-gold Tanager	K*	Colombia
<i>Buthraupis aureocincta</i>	Gold-ringed Tanager	K*	Colombia
<i>Buthraupis aureodorsalis</i>	Golden-backed Mountain-tanager	K*	Colombia
		K*	Peru

<i>Weimorethraupis sterrhopteron</i>	Orange-throated 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	Mexico
<i>Tangara fastuosa</i>	Seven-colored Tanager	V	Brazil
<i>Tangara peruviana</i>	Black-backed Tanager	K*	Brazil
<i>Tangara meyerdeschauenseei</i>	Green-capped Tanager	K*	Peru
<i>Tangara philipsi</i>	Sira 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 bachmani</i>	Bachman's Warbler	E	Bahamas, Cuba, U.S.A.
<i>Dendroica chrysoparia</i>	Golden-checked Warbler	K*	Guatemala, Honduras, Mexico, Nicaragua
<i>Dendroica vitellina</i>	Vitelline Warbler	R	Honduras
<i>Dendroica kirtlandii</i>	Kirtland's Warbler	E	Bahamas, Canada, Mexico, U.S.A.
<i>Catharopiza bishopi</i>	Whistling Warbler	R	St Vincent
<i>Geothlypis flavovelata</i>	Altamira Yellowthroat	K*	Mexico
<i>Geothlypis spectiosa</i>	Black-pollled Yellowthroat	K*	Mexico
<i>Leucopiza semperi</i>	Semper's Warbler	E	St Lucia
<i>Myioborus pariae</i>	Yellow-faced Redstart	K*	Venezuela
<i>Basileuterus griseiceps</i>	Grey-headed Warbler	K*	Venezuela
<i>Basileuterus cinereicollis</i>	Grey-throated Warbler	K*	Colombia, Venezuela
<i>Xenoligea montana</i>	White-winged Ground Warbler	R	Dominican Rep., Haiti
<i>Conirostrum margaritae</i>	Pearly-breasted Conebill	K*	Brazil, Peru
<i>Conirostrum tamarugense</i>	Tamarugo Conebill	K*	Chile, Peru

Family Drepanididae

Hemignathus munroi
Hemignathus obscurus
Hemignathus lucidus
Oreomystis bairdi
Paroreomyza flammaea
Paroreomyza maculata
Loxops coccyneus
Pseudonestor xanthophrys
Telespiza ultima
Telespiza cantans
Psittirostra psittacea
Loxiaoides bailleui
Melamprosops phaeosoma
Palmeria dolei

Family Vireonidae

Vireo atricapillus

Family Icteridae

Psaracoliis cassini
Psarocolius bifasciatus
Cacicus koepckeae
Icterus bonana
Icterus oberi
Xanthopsar flavus
Agelaius xanthomus
Sturnella defilippi
Hypopyrrhus pyrohypogaster
Curaeus forbesti

Akiapolaau
Akialoa
Nukupuu
Kauai Creeper
Mulokai Creeper
Oahu Creeper
Akepa
Maui Parrotbill
Nihoa Finch
Laysan Finch
Ou
Palila
Poo Uli
Crested Honeycreeper

V Hawaii (U.S.A.)
E Hawaii (U.S.A.)
E Hawaii (U.S.A.)
R Hawaii (U.S.A.)
Ex [Hawaii (U.S.A.)]
E Hawaii (U.S.A.)
R Hawaii (U.S.A.)
V Hawaii (U.S.A.)
R Hawaii (U.S.A.)
R Hawaii (U.S.A.)
E Hawaii (U.S.A.)
R Hawaii (U.S.A.)
R Hawaii (U.S.A.)
R Hawaii (U.S.A.)

K* Oklahoma, Texas (U.S.A.), Mexico

Black-capped Vireo

Chestnut-mantled Oropendola

Para Oropendola

Selva Cacique

Martinique Oriole

Montserrat Oriole

Saffron-cowled Sunbird

Yellow-shouldered Blackbird

Lesser Red-breasted Meadowlark

Red-bellied Grackle

Forbes's Blackbird

K* Colombia

K* Brazil

K* Peru

V Martinique (Lesser Antilles)

V Montserrat (Leeward Is)

K* Argentina, Bolivia, Brazil, Paraguay, Uruguay

V Puerto Rico

K* Argentina, Brazil, Uruguay

K* Colombia

K* Brazil

Molothrus armenti

Family Fringillidae

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

Family Estrilidae

Estrilda poliopareia
Estrilda nigriloris
Amandava formosa
Erythrura viridifacies
Erythrura coloria
Erythrura kleinschmidti
Chloebia gouldiae

Family Ploceidae

Ploceus bannermani
Ploceus batesi
Ploceus nigrimentum
Ploceus subpersonatus
Ploceus ruweti
Ploceus golandii
Ploceus aureonucha
Ploceus megarhynchus
Ploceus flavipes
Ploceus nicolli

Bronze-brown Cowbird

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

K*

Colombia

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

Anambra Waxbill
 Black-lored Waxbill
 Green Avadavat
 Green-faced Parrotfinch
 Red-eared Parrotfinch
 Pink-billed Parrotfinch
 Gouldian Finch

K

Nigeria

K

Zaire

R

India

R

Luzon (Philippines)

R

Mindano (Philippines)

K

Fiji

K*

Australia

Bannerman's Weaver

Bates's Weaver

Black-chinned Weaver

Loango Weaver

Lake Lufira Weaver

Clarke's Weaver

Golden-naped Weaver

Finn's Baya Weaver

Yellow-legged Weaver

Tanzanian Mountain Weaver

V

Cameroon, Nigeria

R

Cameroon

K

Angola, Congo

K

Angola, Congo, Gabon, Zaire

K

Zaire

E

Kenya

I

Zaire

R

India

V

Zaire

R

Tanzania

Ploceus victorinae
Malimbus ibadanensis
Malimbus ballmanni
Foudia rubra
Foudia sechellarum
Foudia flavicans

Family Sturnidae

Aplonis santovestris
Aplonis pelzelni
Aplonis cinerascens
Cinnyricinclus femoralis
Leucopsar rothschildi
Basilornis galeatus
Streptocitta albertinae

Family Oriolidae

Oriolus isabellae
Oriolus mellianus

Family Dicruridae

Dicrurus fuscipennis
Dicrurus waldenii

Family Callaeidae

Callaeas cinerea
Creedon carunculatus

Family Ptilonorhynchidae

Amblyornis flavifrons
Sericulus bakeri

Entebbe Weaver
 Ibadan Malimbe
 Gola Malimbe
 Mauritius Fody
 Seychelles Fody
 Rodrigues Fody

Santo Mountain Starling
 Pohpei Mountain Starling
 Rarotonga Starling
 Abbott's Starling
 Bali Starling
 Helmeted Myna
 Bare-eyed Myna

Isabela Oriole
 Silver Oriole

Grand Comoro Drongo
 Mayotte Drongo

Kokako
 Saddleback

Golden-fronted Bowerbird
 Fire-maned Bowerbird

K* Uganda
 E Nigeria
 I Cote d'Ivoire, Liberia, Sierra Leone
 E Mauritius
 R Seychelles
 E Rodrigues (Mauritius)

I Vanuatu
 Ex [Caroline Islands (F.S.M.)]
 E Cook Is.
 K* Kenya, Tanzania
 E Bali (Indonesia)
 R Banggai & Sula Is (Indonesia)
 R Sula Is (Indonesia)

R Luzon (Philippines)
 I China

R Comoros
 R Mayotte (France)

V New Zealand
 R New Zealand

K Irian Jaya (Indonesia)
 R Papua New Guinea

Family Paradisaeidae

*Paradigalla carunculata**Epimachus fastuosus**Astrapia mayeri**Parotia wahnesi**Paradisaea decora*

Family Corvidae

*Cyanolyca pulchra**Cyanolyca nana**Cyanolyca mirabilis**Cyanocorax caeruleus**Perisoreus internigrans**Urocissa ornata**Crypsirina cucullata**Zavattiarionis stresemanni**Corvus unicolor**Corvus florensis**Corvus kubaryi**Corvus hawaiiensis*

Long-tailed Paradigalla

Black Sicklebill

Ribbon-tailed Astrapia

Wahnes's Parotia

Goldie's Bird of Paradise

Beautiful Jay

Dwarf Jay

White-throated Jay

Azure Jay

Sichuan Jay

Sri Lanka Magpie

Hooded Treetopie

Ethiopian Bush-crow

Banggai Crow

Flores Crow

Marianas Crow

Hawaiian Crow

R Irian Jaya (Indonesia), Papua New Guinea

R Irian Jaya (Indonesia), Papua New Guinea

V Irian Jaya (Indonesia), Papua New Guinea

R Papua New Guinea

R Papua New Guinea

K* Colombia, Ecuador

K* Mexico

K* Mexico

K* Argentina, Brazil

V China

V Sri Lanka

V Burma

R Ethiopia

R Banggai (Indonesia)

R Flores (Indonesia)

R Guam (U.S.A.)

E Hawaii Is (U.S.A.)

REPTILES and AMPHIBIANS

Class REPTILIA

Order TESTUDINES

Family Carettochelyidae

Carettochelys insculpta

New Guinea Plateless Turtle

K Australia, New Guinea

Family Chelidae

Acanthochelys macrocephala

Acanthochelys pallidipectoris

Acanthochelys spixii

Phrynops dahlii

Phrynops hogei

Phrynops rufipes

Phrynops zuliae

Pseudemydura umbrina

Big-headed Pantanal Swamp Turtle

Chaco Sideneck Turtle

Black Spine-necked Swamp Turtle

Dahl's Toad-headed Turtle

Hoge's Sideneck Turtle

Red-headed Sideneck Turtle

Zulia Toad-headed Turtle

Western Swamp Turtle

K Brazil

R Argentina, Paraguay

K Argentina, Brazil, Uruguay

I Colombia

I Brazil

K Brazil, Colombia

K Venezuela

E Western Australia

Family Cheloniidae

Caretta caretta

Chelonia mydas

Eretmochelys imbricata

Lepidochelys kempii

Lepidochelys olivacea

Loggerhead Turtle

Green Turtle

Hawksbill Turtle

Kemp's or Atlantic Ridley

Olive or Pacific Ridley

V Subtropical & Temperate Seas

E Tropical Seas & Mediterranean

E Tropical Seas

E Gulf of Mexico

E Tropical Seas

Family Chelydridae

Macrochelys temminckii

Alligator Snapping Turtle

V U.S.A.

Family Dermatemydidae

Dermatemys mawii

Central American River Turtle

V Central America

Family Dermochelyidae

Dermochelys coriacea

Leatherback

E Tropical & Temperate Seas

Family Emydidae

- Annamemys annamensis*
- Batagur baska*
- Callagur borneoensis*
- Cistoclemys galbiniifrons*
- Cistoclemys hainanensis*
- Clemmys muhlenbergii*
- Cuora yunnanensis*
- Geoclemys hamiltonii*
- Geoemyda silvatica*
- Graptemys barbouri*
- Graptemys caglei*
- Graptemys flavimaculata*
- Graptemys oculifera*
- Heosemys depressa*
- Heosemys leytenis*
- Heosemys spinosa*
- Kachuga kachuga*
- Kachuga sylhetensis*
- Kachuga trivittata*
- Melanocheilus tricarinata*
- Morenia ocellata*
- Oritia borneensis*
- Pseudemys ababamensis*
- Rhinoclemmys rubida*
- Terrapene coahuila*
- Terrapene nelsoni*
- Trachemys decorata*
- Trachemys scripta callirostris*
- Trachemys stejnegeri malonei*
- Trachemys terrapen felis*

Annam Leaf Turtle	K	Vietnam
River Terrapin	E	S.E. Asia
Painted Terrapin	E	S.E. Asia
Indochinese Box Turtle	K	Vietnam
Hainan Box Turtle	K	Hainan (China)
Bog Turtle	R	U.S.A.
Yunnan Box Turtle	K	China
Spotted Pond Turtle	I	South Asia
Cane Turtle	V	India
Barbour's Map Turtle	K	U.S.A.
Cagle's Map Turtle	K	U.S.A.
Yellow-blotched Map Turtle	I	U.S.A.
Ringed Map Turtle	K	U.S.A.
Arakan Forest Turtle	K	Burma
Leyte Pond Turtle	I	Leyte (Philippines)
Spiny Turtle	K	Thailand, Indonesia, Malaysia
Red-crowned Roofed Turtle	I	Bangladesh, India, Nepal
Assam Roofed Turtle	I	Bangladesh, India
Burmese Roofed Turtle	K	Burma
Tricarinate Hill Turtle	I	Bangladesh, India, Nepal
Burmese Eyed Turtle	K	Burma
Malaysian Giant Turtle	K	Indonesia, Malaysia
Alabama Red-bellied Turtle	R	U.S.A.
Mexican Spotted Wood Turtle	K	Mexico
Aquatic Box Turtle	V	Mexico
Spotted Box Turtle	K	Mexico
Hispaniolan Slider	K	Hispaniola
South American Red-lined Turtle	V	Colombia, Venezuela
Inagua Island Turtle	R	Bahamas
Cat Island Turtle	R	Bahamas

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>	Madagascar 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>	Pitui	K	Brazil, Colombia, Peru
<i>Podocnemis unifilis</i>	Yellow-spotted Sideneck Turtle	V	Amazon Basin

Family Testudinidae

<i>Geochelone chilensis</i>	Chaco Tortoise	V	Argentina, Paraguay
<i>Geochelone elephantopus</i>	Galapagos Giant Tortoise	V	Galapagos Is (Ecuador)
<i>Geochelone gigantea</i>	Aldabra Giant Tortoise	R	Aldabra (Seychelles)
<i>Geochelone plattynota</i>	Burmese Starred Tortoise	K	Burma
<i>Geochelone radiata</i>	Radiated Tortoise	V	Madagascar
<i>Geochelone yniphora</i>	Angonoka	E	Madagascar
<i>Gopherus agassizii</i>	Desert Tortoise	V	Mexico, U.S.A.
<i>Gopherus berlandieri</i>	Texas Gopher Tortoise	I	Mexico, U.S.A.
<i>Gopherus flavomarginatus</i>	Bolson Tortoise	E	Mexico
<i>Gopherus polyphemus</i>	Florida Gopher Tortoise	V	U.S.A.
<i>Homopus bergeri</i>	Berger's Tortoise	K	Namibia
<i>Indotestudo elongata</i>	Elongated Tortoise	K	India, S.E. Asia
<i>Indotestudo forstenii</i>	Travancore Tortoise	R	India, Indonesia*
<i>Malacochersus tornieri</i>	Pancake Tortoise	K	Kenya, Tanzania

<i>Manouria emys</i>	Burmese Brown Tortoise	K	S.E. Asia
<i>Manouria impressa</i>	Impressed Tortoise	K	S.E. Asia
<i>Psammobates geometricus</i>	Geometric Tortoise	V	South Africa
<i>Pyxis arachnoides</i>	Spider Tortoise	I	Madagascar
<i>Pyxis planicauda</i>	Madagascar Flat-shelled Tortoise	I	Madagascar
<i>Testudo graeca graeca</i>	Spur-thighed Tortoise	V	Europe, North Africa
<i>Testudo hermanni</i>	Hermann's Tortoise	V	Europe
<i>Testudo hermanni boeigeri</i>	Hermann's Tortoise	V	E. Mediterranean
<i>Testudo hermanni hermanni</i>	Hermann's Tortoise	E	W. Mediterranean
<i>Testudo kleinmanni</i>	Egyptian Tortoise	V	Egypt, Israel, Libya
<i>Testudo marginata</i>	Margined Tortoise	R	Greece
Family Trionychidae			
<i>Trionyx nigricans</i>	Black Soft-shell Turtle	R	Bangladesh
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 Anguidae			
<i>Gerrhonotus panamintinus</i>	Panamint Alligator Lizard	K	U.S.A.
Family Anniellidae			
<i>Anniella pulchra nigra</i>	Black Legless Lizard	I	U.S.A.
Family Chamaeleontidae			
<i>Bradypodion taneniabronchum</i>	Smith's Dwarf Chamaeleon	V	South Africa

Family Gekkonidae

<i>Nactus serpensinsula</i>			Round I., Serpent I. (Mauritius)
<i>Oedura reticulata</i>			W. Australia
<i>Phelsuma edwardnewtonii</i>			Mauritius
<i>Phelsuma guentheri</i>			Round I. (Mauritius)
<i>Phyllodactylus europaeus</i>			France, Italy, Tunisia

Family Helodermatidae

<i>Heloderma horridum</i>			Guatemala, Mexico
<i>Heloderma suspectum</i>			Mexico, U.S.A.

Family Iguanidae

<i>Amblyrhynchus cristatus</i>			Galapagos Is (Ecuador)
<i>Anolis roosevelti</i>			Culebra I. (Puerto Rico)
<i>Brachylophus fasciatus</i>			Tonga, Fiji
<i>Brachylophus vitiensis</i>			Fiji
<i>Conolophus pallidus</i>			Galapagos Is (Ecuador)
<i>Conolophus suberistatus</i>			Galapagos Is (Ecuador)
<i>Cyclura carinata</i>			Bahamas, Turks & Caicos Is (West Indies)
<i>Cyclura collei</i>			Jamaica
<i>Cyclura cornuta</i>			Hispaniola, Mona I. (Puerto Rico)
<i>Cyclura cychlura</i>			Bahamas
<i>Cyclura nubila</i>			Cayman Is (West Indies), Cuba
<i>Cyclura pinguis</i>			Anegada (British Virgin Is)
<i>Cyciura ricordii</i>			Hispaniola
<i>Cyclura rileyi</i>			Bahamas
<i>Gambelia silus</i>			U.S.A.
<i>Phrynosoma coronatum blainvillei</i>			Mexico, U.S.A.
<i>Uma inornata</i>			U.S.A.

Serpent Island Gecko
Reticulated Velvet Gecko
Rodriguez Day Gecko
Gunther's Gecko
European Leaf-toed Gecko

Beaded Lizard
Gila Monster

Galapagos Marine Iguana
Culebra Island Giant Anole
South Pacific Banded Iguana
Fiji Crested Iguana
Barrington Land Iguana
Galapagos Land Iguana
Turks & Caicos Rock Iguana

Jamaican Ground Iguana
Rhinoceros Rock Iguana
Andros Ground Iguana
Cuban Ground Iguana
Anegada Ground Iguana
Hispaniola Ground Iguana

San Joaquin Leopard Lizard
San Diego Horned Lizard
Coachella Fringe-toed Lizard

Family Lacertidae

- Gallotia simonyi*
- Podarcis filfolensis filfolensis*
- Podarcis lilfordi*
- Podarcis pityusensis*

Family Scincidae

- Barkudia insularis*
- Ctenotus lancelini*
- Gongylomorphus bojerii fontenayi*
- Macroscoincus coctaei*
- Pseudemoia palfreymani*
- Tribolonotus ponceleti*
- Triliqua adelaidensis*

Family Teiidae

- Ameiva polops*
- Cnemidophorus hyperythrus*

Family Varanidae

- Varanus flavescens*
- Varanus griseus caspius*
- Varanus komodoensis*
- Varanus olivaceus*

Family Xantusiidae

- Xantusia riversiana*

Order SERPENTES

Family Aniliidae

- Anomochilus leonardi*

- Hierro Giant Lizard
- Filfolia Lizard
- Lilford's Wall Lizard
- Ibiza Wall lizard

- Legless Skink
- Lancelin Island Skink
- Macabe Forest Skink
- Cape Verde Giant Skink
- Pedra Branca Skink

- Adelaide Pigmy Bluetongue Lizard

- St. Croix Ground Lizard
- Orange-throated Whiptail

- Yellow Monitor
- Central Asian Monitor
- Komodo Dragon
- Gray's Monitor

- Island Night Lizard

- Leonard's Pipe Snake

- E Hierro (Canary Is)
- R Filfolia I. (Malta)
- V Spain
- R Spain
- R India
- R Australia
- R Mauritius
- Ex? Cape Verde Is
- R Pedra Brance I. (Australia)
- I Shortland I. (Solomon Is)
- I Australia

- E U.S. Virgin Is
- V Mexico, U.S.A.

- I Bangladesh, India, Nepal, Pakistan
- V Central-west Asia
- R Indonesia
- R Luzon (Philippines)

- R U.S.A.

- K Peninsular Malaysia

Family Boidae

Acrantophis dumerili
Acrantophis madagascariensis
Bolyeria multicarinata
Casarea dussumieri
Charina bottae umbratica
Epicrates angulifer
Epicrates inornatus
Epicrates monensis monensis
Epicrates striatus fosteri
Epicrates subflavus
Python molurus
Sanzinia madagascariensis

Dumeril's Boa
Madagascar Boa
Round Island Boa
Round Island Keel-scaled Boa
Southern Rubber Boa
Cuban Tree Boa
Puerto Rican Boa
Mona Boa
Bimini Boa
Jamaican Boa
Indian Python
Madagascar Tree Boa

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Madagascar
Madagascar
Round I. (Mauritius)
Round I. (Mauritius)
U.S.A.
Cuba
Puerto Rico
Mona I. (Puerto Rico)
Bahamas
Jamaica
South & South-east Asia
Madagascar

Family Colubridae

Coluber cypricus
Drymarchon corais couperi
Elachistodon westermanni
Iguanognathus werneri
Masticophis flagellum ruddocki
Masticophis lateralis euryxanthus
Natrix natrix cetti
Nerodia fasciata taeniata
Nerodia harteri paucimaculata
Nerodia sipedon insularum
Thamnophis gigas
Thamnophis hammondi
Thamnophis sirtalis tetrataenia
Thermophis baileyi

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Cyprus
U.S.A.
Bangladesh, India, Nepal
Sumatra (Indonesia)
U.S.A.
U.S.A.
Sardinia (India)
U.S.A.
U.S.A.
U.S.A.
U.S.A.
Mexico, U.S.A.
U.S.A.
China

Family Elapidae

- Brachyaspis atriceps*
- Hoplocephalus bunaroides*
- Naja oxiana*
- Ogmodon vitianus*

- R Australia
- I Australia
- E Central Asia
- I Fiji

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

Family Hydrophiidae

- Laticauda crockeri*

- R Rennel I. (Solomon Is)

Family Typhlopidae

- Typhlops monensis*

- Mona Blind Snake

- R Mona I. (Puerto Rico)

Family Viperidae

- Bothrops insularis*
- Crotalus unicolor*
- Crotalus willardi*
- Vipera ammodytes transcaucasiana*
- Vipera borrmuelleri*
- Vipera bulgardaghica*
- Vipera kaznakovi*
- Vipera latifi*
- Vipera raddei*
- Vipera schweizeri*
- Vipera ursinii rakosiensis*
- Vipera wagneri*

- I Queimada I. (Brazil)
- R Netherland Antilles, Venezuela
- T Mexico, U.S.A.
- R Turkey, U.S.S.R.
- I Lebanon, Syria
- I Turkey
- V Turkey, U.S.S.R.
- E Iran
- I Iran, Turkey, U.S.S.R.
- E Cyclades Is (Greece)
- E Central Eastern Europe
- I Turkey, Iran

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

- Caucasian Viper
- Latifi's Viper
- Armenian Viper
- Milos Viper
- Orsini's Viper

Order CROCODYLIA

Family Alligatoridae

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

- E China
- E Southern South America
- E South America

- Chinese Alligator
- Broad-nosed Caiman
- Black Caiman

Family Crocodylidae

- Crocodylus acutus*
- Crocodylus cataphractus*
- Crocodylus intermedius*
- Crocodylus mindorensis*
- Crocodylus moreletii*
- Crocodylus niloticus*
- Crocodylus palustris*
- Crocodylus porosus*
- Crocodylus rhombifer*
- Crocodylus siamensis*
- Tomistoma schlegelii*

Family Gavialidae

- Gavialis gangeticus*

Class AMPHIBIA

Order CAUDATA

Family Ambystomatidae

- Ambystoma dumerilii dumerilii*
- Ambystoma lermaensis*
- Ambystoma macrodactylum croceum*
- Ambystoma mexicanum*
- Ambystoma tigrinum californiense*

Family Cryptobranchidae

- Andrias davidianus*
- Andrias japonicus*

- American Crocodile
- African Slender-snouted Crocodile
- Orinoco Crocodile
- Philippines Crocodile
- Morelet's Crocodile
- Nile Crocodile
- Marsh Crocodile
- Estuarine Crocodile
- Cuban Crocodile
- Siamese Crocodile
- False Gharial

Gharial

- Lake Patzcuaro Salamander
- Lake Lerma Salamander
- Santa Cruz Long-toed Salamander
- Axolotl
- California Tiger Salamander

- Chinese Giant Salamander
- Japanese Giant Salamander

- E Caribbean, Central America, U.S.A.
- I Africa
- E Colombia, Venezuela, Peru
- E Philippines
- E Central America
- V Africa, Madagascar
- V South Asia
- V Asia, Australia, West Pacific
- E Cuba
- E South-east Asia
- E South-east Asia

E South Asia

- R Mexico
- R Mexico
- E U.S.A.
- R Mexico
- V U.S.A.

- I China
- R Japan

Family Hynobiidae*Batrachuperus mustersi*

K Afghanistan

Family Plethodontidae*Batrachoseps aridus*

E U.S.A.

Batrachoseps simatus

R U.S.A.

Batrachoseps stebbinsi

R U.S.A.

Eurycea nana

R U.S.A.

Hydromantes brunus

R U.S.A.

Hydromantes shastae

R U.S.A.

Phaeognathus hubrichti

R U.S.A.

Plethodon tarselli

I U.S.A.

Plethodon neomexicanus

V U.S.A.

Plethodon nettingi

K U.S.A.

Plethodon stormi

K U.S.A.

Speleomantes flavus

R Sardinia (Italy)

Speleomantes genei

V Sardinia (Italy)

Speleomantes imperialis

R Sardinia (Italy)

Speleomantes supramontes

R Sardinia (Italy)

Typhlotriton rathbuni

E U.S.A.

Typhlotriton spelaeus

K U.S.A.

Family Proteidae*Proteus anguinus*

V Italy, Yugoslavia

Family Salamandridae*Chioglossa lusitanica*

I Portugal, Spain

Paramesotriton deloustali

I Vietnam

Order ANURA

Family Bufonidae

Bufo boreas nelsoni

Bufo exsul

Bufo houstonensis

Bufo perigrines

Bufo retiformis

Nectophrynoides occidentalis

Pedostibes kempii

Pedostibes tuberculosus

Family Discoglossidae

Alytes muletensis

Discoglossus jeanneae

Discoglossus montalentii

Discoglossus nigriventer

Family Hylidae

Hyla andersoni

Pseudacris streckeri illinoensis

Family Hyperoliidae

Tachycinemis seychellensis

Family Leiopelmatidae

Leiopelma archeyi

Leiopelma hamiltoni

Leiopelma hochstetteri

Family Leptodactylidae

Batrachophrynus macrostomus

Amargosa Toad	I	U.S.A.
Black Toad	R	U.S.A.
Houston Toad	E	U.S.A.
Golden Toad	E	Costa Rica
Sonoran Green Toad	V	Mexico, U.S.A.
Mount Nimba Viviparous Toad	V	Guinea, Cote d'Ivoire
Malabar Tree Toad	I	India
Garro Hill Tree Toad	I	India
Mallorcan Midwife Toad	E	Mallorca (Spain)
	R	Spain
	R	Corsica (France)
Israel Painted Frog	Ex?	Israel
Pine Barrens Tree Frog	R	U.S.A.
Illinois Chorus Frog	I	U.S.A.
Seychelles Tree Frog	R	Seychelles
Archey's Frog	R	N. Island (NZ)
Hamilton's Frog	R	New Zealand
Hochstetter's Frog	R	N. Island (NZ)
Lake Junin Giant Frog	K	Peru

<i>Eleutherodactylus jasperi</i>					
<i>Somuncuria somuncurensis</i>					
Family Microhylidae					
<i>Melanobatrachus indicus</i>	I	India			
Family Myobatrachidae					
<i>Philoria frosti</i>	I	Victoria			
<i>Rheobatrachus silus</i>	E	Australia			
<i>Rheobatrachus vitellinus</i>	I	Australia			
Family Pelobatidae					
<i>Pelobates fuscus insubricus</i>	V	Italy			
Family Pipidae					
<i>Xenopus gilli</i>	V	South Africa			
Family Ranidae					
<i>Conraua goliath</i>	V	Cameroon, Eq. Guinea			
<i>Nesomantis thomasseti</i>	R	Seychelles			
<i>Platymantis vitianus</i>	K	Fiji			
<i>Rana fisheri</i>	E	U.S.A.			
<i>Rana holtzi</i>	V	Turkey			
<i>Rana latastiei</i>	V	Italy, Switzerland, Yugoslavia			
<i>Sooglossus gardineri</i>	R	Seychelles			
<i>Sooglossus sechellensis</i>	R	Seychelles			
			Golden Cocqui Frog		
			Black Microhylid		
			Baw Baw Frog		
			Conondale Gastric-brooding Frog		
			Eungella Gastric-brooding Frog		
			Italian Spadefoot Toad		
			Cape Platanna		
			Goliath Frog		
			Thomasset's Seychelles Frog		
			Fijian Ground Frog		
			Vegas Valley Leopard Frog		
			Italian Agile Frog		
			Gardiner's Seychelles Frog		
			Seychelles Frog		

FISH

Class CEPHALASPIDOMORPHI

Order PETROMYZONTIFORMES

Family Petromyzontidae

Lampetra hubbsi

Lampetra macrostoma

Lampetra minimia

Lampetra tridentata (subspecies)

Mordacia praecox

Kern Brook Lamprey
Lake Lamprey
Miller Lake Lamprey
Pacific Lamprey
Non-parasitic Lamprey

R U.S.A.
R Canada
Ex [U.S.A.]
R U.S.A.
R Australia

Class CHONDRICHTHYES

Order LAMNIFORMES

Family Rhincodontidae

Rhincodon typus

I Tropical & warm temperate seas

Family Lamnidae

Carcharodon carcharias

Cetorhinus maximus

Great White Shark
Basking Shark

K Sub-tropical & warm temperate seas
K Temperate waters

Class OSTEICHTHYES

Order COELACANTHIFORMES

Family Latimeriidae

Latimeria chalumnae

V Comoros, [South Africa]

Order ACIPENSERIFORMES

Family Acipenseridae

Acipenser brevirostrum

Acipenser fulvescens

Acipenser oxyrinchus (subspecies)

Shortnose Sturgeon
Lake Sturgeon
Atlantic Sturgeon

V Canada, U.S.A.
V Canada, U.S.A.
V Canada, U.S.A.

<i>Acipenser schrencki</i>	Amur Sturgeon	V	U.S.S.R.
<i>Acipenser sturio</i>	Common Sturgeon	E	Europe
<i>Huso dauricus</i>	Kaluga	R	U.S.S.R.
<i>Scaphirhynchus albus</i>	Pallid Sturgeon	E	U.S.A.
<i>Scaphirhynchus</i> sp.	Alabama Sturgeon	E	U.S.A.
Family Polyodontidae			
<i>Polyodon spathula</i>	Paddlefish	V	U.S.A.
<i>Psephurus gladius</i>	Chinese Paddlefish	V	China
Order OSTEOGLOSSIFORMES			
Family Osteoglossidae			
<i>Arapaima gigas</i>	Pirarucu	K	Amazon Basin
<i>Scleropages formosus</i>	Asian Bonytongue	K	South-east Asia
Family Notopteridae			
<i>Notopterus blanchi</i>	Indochina Featherback	R	Cambodia, Thailand
Order CYPRINIFORMES			
Family Cyprinidae			
<i>Acanthorutilus handlirschi</i>	Cicek	E	Turkey
<i>Aulopyge hugeli</i>	Dalmatian Barbelgudgeon	E	Yugoslavia
<i>Balantiocheilus melanopterus</i>	Silver Shark	I	South-east Asia
<i>Barbus andrewi</i>	Cape Whitefish	V	South Africa
<i>Barbus calidus</i>	Clanwilliam Redfin	R	South Africa
<i>Barbus capensis</i>	Clanwilliam Yellowfish	R	South Africa
<i>Barbus erubescens</i>	Twee River Redfin	V	South Africa
<i>Barbus halei</i>		I	Malaysia, Thailand
<i>Barbus hospes</i>	Namaquab Barb	R	Namibia, South Africa
<i>Barbus serra</i>	Sawfin	V	South Africa
<i>Barbus somphongsi</i>		I	Thailand
<i>Barbus tenuis</i>	Slender Redfin	R	South Africa

<i>Barbus treurenensis</i>	Treur River Barb	V	South Africa
<i>Barbus trevelyani</i>	Border Barb	V	South Africa
<i>Caecobarbus geertsi</i>	African Blind Barb Fish	E	Zaire
<i>Caecocypris basimi</i>		R	Iraq
<i>Cephalokompsus pachycheilus</i>		V	Philippines
<i>Chela caeruleostigmata</i>		R	Thailand
<i>Cyprinella bocagrande</i>	Sardinita Bocagrande	V	Mexico
<i>Cyprinella caerulea</i>	Blue Shiner	V	U.S.A.
<i>Cyprinella callitaenia</i>	Bluestripe Shiner	V	U.S.A.
<i>Cyprinella formosa</i>	Beautiful Shiner	V	U.S.A.
<i>Cyprinella monacha</i>	Turquoise Shiner	V	Mexico, U.S.A.
<i>Cyprinella panarctys</i>	Conchos Shiner	V	U.S.A.
<i>Cyprinella proserpina</i>	Proserpine Shiner	E	Mexico
<i>Cyprinella sp.</i>	Sardinita Nazas	V	Mexico, U.S.A.
<i>Cyprinella xanithicara</i>	Cuatro Cienegas Shiner	V	Mexico
<i>Dionda diaboli</i>	Devil's River Minnow	E	Mexico, U.S.A.
<i>Dionda dichroma</i>	Sardinita de Rio Verde	V	Mexico
<i>Dionda episcopa</i> (subspecies)	Roundnose Minnow	V	Mexico
<i>Dionda mandibularis</i>	Sardinita Quijarrona	E	Mexico
<i>Eremichthys acros</i>	Desert Dace	V	U.S.A.
<i>Evarra bustamantei</i>	Mexican Dace	Ex	[Mexico]
<i>Evarra eigenmanni</i>	Mexican Dace	Ex	[Mexico]
<i>Evarra ilahuacensis</i>	Mexican Dace	Ex	[Mexico]
<i>Garra barreimiae</i>		R	Bahrain, Oman
<i>Garra dunsirei</i>	Alvord Chub	R	Oman
<i>Gila albordensis</i>	Tui Chub	V	U.S.A.
<i>Gila bicolor</i> (subspecies)	Borax Lake Chub	V	U.S.A.
<i>Gila boraxobius</i>	Thicktail Chub	V	U.S.A.
<i>Gila crassicauda</i>	Humpback Chub	Ex	[U.S.A.]
<i>Gila cypha</i>	Charalito Sonorensis	E	U.S.A.
<i>Gila ditaenia</i>	Bonytail Chub	V	Mexico, U.S.A.
<i>Gila elegans</i>		E	Mexico, U.S.A.

<i>Gila intermedia</i>	Gila Chub	R	Mexico, U.S.A.
<i>Gila modesta</i>	Charalito Saltillo	E	Mexico
<i>Gila nigrescens</i>	Charalito Chihuahua	V	Mexico, U.S.A.
<i>Gila purpurea</i>	Yaqui Chub	V	Mexico, U.S.A.
<i>Gila robusta</i> (subspecies)	Roundtail Chub	V	Mexico, U.S.A.
<i>Hemitremia flammaea</i>	Flame Chub	R	U.S.A.
<i>Hybognathus amarus</i>	Rio Grande Minnow	R	U.S.A.
<i>Hybopsis cahni</i>	Slender Chub	V	U.S.A.
<i>Hybopsis gelida</i>	Sturgeon Chub	V	U.S.A.
<i>Hybopsis meeki</i>	Sicklefin Chub	V	U.S.A.
<i>Iotichthys phlegethontis</i>	Least Chub	E	U.S.A.
<i>Iranocypris typhlops</i>		R	Iran
<i>Labeo fisheri</i>	Green Labeo	R	Sri Lanka
<i>Labeo seeberi</i>	Calnwilliam Sandfish	E	South Africa
<i>Lepidomeda albivallis</i>	White River Spinedace	R	U.S.A.
<i>Lepidomeda altivelis</i>	Pahranaagat Spinedace	E	[U.S.A.]
<i>Lepidomeda mollispinis</i> (subspecies)	Virgin Spinedace	Ex	U.S.A.
<i>Lepidomeda vittata</i>	Little Colorado Spinedace	V	U.S.A.
<i>Mandibularca resinus</i>		V	Philippines
<i>Meda fulgida</i>	Spikedace	V	[Mexico], U.S.A.
<i>Moapa coriacea</i>	Moapa Dace	E	U.S.A.
<i>Notropis aguirrequenoi</i>	Sardinita del Pilon	V	Mexico
<i>Notropis amecae</i>	Ameca Shiner	Ex	[Mexico]
<i>Notropis aulidion</i>	Durango Shiner	Ex	[Mexico]
<i>Notropis buccula</i>	Smalleye Shiner	R	U.S.A.
<i>Notropis cahabae</i>	Cahaba Shiner	E	U.S.A.
<i>Notropis hubbsi</i>	Bluehead Shiner	R	U.S.A.
<i>Notropis imeldae</i>	Sardinita de Rio Verde	R	Mexico
<i>Notropis jemezianus</i>	Rio Grande Shiner	I	[Mexico], U.S.A.
<i>Notropis mekistocholas</i>	Cape Fear Shiner	E	U.S.A.
<i>Notropis melanostomus</i>	Blackmouth Shiner	V	U.S.A.
<i>Notropis moralesi</i>	Sardinita de Tepelmene	R	Mexico

<i>Notropis orca</i>	Phantom Shiner	Ex	[Mexico, U.S.A.]
<i>Notropis oxyrhynchus</i>	Sharpnose Shiner	R	U.S.A.
<i>Notropis perpallidus</i>	Colorless Shiner	R	U.S.A.
<i>Notropis saladonis</i>	Sardinita de Salado	E	Mexico
<i>Notropis semperasper</i>	Roughhead Shiner	R	U.S.A.
<i>Notropis simus</i>	Bluntnose Shiner	E	[Mexico], U.S.A.
<i>Notropis snelsoni</i>	Ouachita Mountain Shiner	R	U.S.A.
<i>Notropis welaka</i>	Bluenose Shiner	R	U.S.A.
<i>Oregonichthys crameri</i>	Oregon Chub	V	U.S.A.
<i>Ospatulus palaemophagus</i>		V	Philippines
<i>Ospatulus truncatus</i>		V	Philippines
<i>Phenacobius teretulus</i>	Kanawha Minnow	R	U.S.A.
<i>Phoxinus cumberlandensis</i>	Mountain Blackside Dace	E	U.S.A.
<i>Phoxinus tennesseensis</i>	Tennessee Dace	R	U.S.A.
<i>Plagopterus argentissimus</i>	Woundfin	E	U.S.A.
<i>Pogonichthys ciscoides</i>	Clear Lake Splittail	Ex	[U.S.A.]
<i>Pogonichthys macrolepidotus</i>	Sacramento Splittail	R	U.S.A.
<i>Probarbus jullieni</i>	Ikan Temoleh	K	South-east Asia
<i>Pseudobarbus burchelli</i>	Burchell's Redfin	R	South Africa
<i>Pseudobarbus burgi</i>	Berg River Redfin	E	South Africa
<i>Pseudobarbus phlegethon</i>	Fiery Redfin	E	South Africa
<i>Pseudobarbus quathlambae</i>	Maluti Minnow	E	Lesotho
<i>Ptychocheilus lucius</i>	Colorado Squafish	E	[Mexico], U.S.A.
<i>Puntius amarus</i>		V	Philippines
<i>Puntius asoka</i>		R	Sri Lanka
<i>Puntius baoulan</i>		V	Philippines
<i>Puntius cataractae</i>		V	Philippines
<i>Puntius clemensi</i>		V	Philippines
<i>Puntius cumingii</i>	Two Spot Barb	V	Sri Lanka
<i>Puntius disa</i>		V	Philippines
<i>Puntius flavifuscus</i>		V	Philippines
<i>Puntius herrei</i>		V	Philippines

<i>Puntius katalo</i>	V	Philippines
<i>Puntius lanoensis</i>	V	Philippines
<i>Puntius lindong</i>	R	Philippines
<i>Puntius mamalak</i>	V	Philippines
<i>Puntius nigrofasciatus</i>	V	Sri Lanka
<i>Puntius palata</i>	V	Philippines
<i>Puntius pleurotaenia</i>	V	Sri Lanka
<i>Puntius sirang</i>	R	Philippines
<i>Puntius srilankensis</i>	E	Sri Lanka
<i>Puntius tiiteya</i>	V	Sri Lanka
<i>Puntius tras</i>	V	Philippines
<i>Puntius tumba</i>	R	Philippines
<i>Rasbora vaterifloris</i>	V	Philippines
<i>Relictus solitarius</i>	V	Sri Lanka
<i>Rhinichthys cataractae</i> (subspecies)	R	U.S.A.
<i>Rhinichthys deaconi</i>	V	Canada, U.S.A.
<i>Rhinichthys osculus</i> (subspecies)	Ex	[U.S.A.]
<i>Semotilus lumbee</i>	V	Canada, Mexico, U.S.A.
<i>Sinocyclocheilus anophthalmus</i>	R	U.S.A.
<i>Stypodon signifer</i>	R	China
<i>Tanakia tanago</i>	Ex	[Mexico]
<i>Tiaroga cobitis</i>	E	Japan
<i>Tylognathus klatti</i>	V	[Mexico], U.S.A.
<i>Typhlobarbus nudiventris</i>	E	Turkey
<i>Typhlogarra widdowsoni</i>	R	China
	R	Iraq
Family Cobitidae		
<i>Lepidocephalichthys jonklaasi</i>	E	Sri Lanka
<i>Leptobotia curta</i>	E	Japan
Family Balitoridae		
<i>"Nemacheilus" troglotataractus</i>	R	Thailand
<i>"Nemacheilus" gejiuensi</i>	R	China
<i>Black Ruby Barb</i>		
<i>Side Striped Barb</i>		
<i>Cherry Barb</i>		
<i>Vateria Flower Rasbora</i>		
<i>Relict Dace</i>		
<i>Longnose Dace</i>		
<i>Las Vegas Dace</i>		
<i>Speckled Dace</i>		
<i>Sandhills Chub</i>		
<i>Stumptooth Minnow</i>		
<i>Tokyo Bitterling</i>		
<i>Loach Minnow</i>		
<i>Spotted Loach</i>		
<i>Ayumodoki</i>		

"*Nemacheilus*" *smithi*
 "*Nemacheilus*" *starostini*
 "*Nemacheilus*" *xianggensis*
Oreonectes anophthalmus
Schistura jarutani
Schistura oedipus
Schistura sijuensis
Sundoreonectes tiomanensis

R Iran
 R U.S.S.R.
 R China
 R China
 R Thailand
 R Thailand
 R India
 R Malaysia

Family Catostomidae

Catostomus bernardini
Catostomus cahita
Catostomus catostomus lacustris
Catostomus clarki intermedius
Catostomus conchos
Catostomus dicobolus yarrowi
Catostomus leopoldi
Catostomus microps
Catostomus occidentalis lacusanserinus
Catostomus rimicululus ssp.
Catostomus santanae
Catostomus sp.
Catostomus warnerensis
Catostomus wigginsi
Chasmistes brevirostris
Chasmistes cujus
Chasmistes liorus liorus
Chasmistes liorus mictus
Chasmistes murei
Cycleptus elongatus
Deltistes luxatus

Yaqui Sucker
 Matalote Cahita
 Jasper Longnose Sucker
 White River Sucker
 Matalote Conchos
 Zuni Bluehead Sucker
 Matalote del Bavispe
 Modoc Sucker
 Goose Lake Sucker
 Jenny Creek Sucker
 Santa Ana Sucker
 Salish Sucker
 Warner Sucker
 Matalote Opata
 Shortnose Sucker
 Cui-ui
 June Sucker
 June Sucker
 Snake River Sucker
 Blue Sucker
 Lost River Sucker

V Mexico, U.S.A.
 V Mexico
 R Canada
 E U.S.A.
 R Mexico
 R U.S.A.
 R Mexico
 E U.S.A.
 R U.S.A.
 R U.S.A.
 R U.S.A.
 E Canada
 E U.S.A.
 R Mexico
 E U.S.A.
 E U.S.A.
 Ex [U.S.A.]
 E U.S.A.
 Ex [U.S.A.]
 R Mexico, U.S.A.
 E U.S.A.

<i>Lagochila lacera</i>			
<i>Moxostoma ariommumum</i>			[U.S.A.]
<i>Moxostoma atripinne</i>		R	U.S.A.
<i>Moxostoma congestum</i>		R	U.S.A.
<i>Moxostoma hamiltoni</i>		R	Mexico, U.S.A.
<i>Moxostoma hubbsi</i>		R	U.S.A.
<i>Moxostoma sp.</i>		V	Canada
<i>Xyrauchen texanus</i>		V	U.S.A.
		E	[Mexico], U.S.A.

Order CHARACIFORMES

Family Characidae

<i>Asyanax mexicanus jordani</i>		R	Mexico
<i>Catabasis acuminatus</i>		E	Brazil
<i>Gymnocharacinus bergi</i>		V	Argentina

Order SILURIFORMES

Family Diplomystidae

Diplomystes chilensis

Tollo de Agua Dulce

E Chile

Family Ictaluridae

<i>Ictalurus australis</i>		R	Mexico
<i>Ictalurus lupus</i>		R	Mexico, U.S.A.
<i>Ictalurus mexicanus</i>		R	Mexico
<i>Ictalurus pricei</i>		R	Mexico
<i>Ictalurus sp.</i>		R	Mexico
<i>Noturus baileyi</i>		E	U.S.A.
<i>Noturus flavipinnis</i>		V	U.S.A.
<i>Noturus furiosus</i>		R	U.S.A.
<i>Noturus gilberti</i>		V	U.S.A.
<i>Noturus lachneri</i>		V	U.S.A.
<i>Noturus munitus</i>		V	U.S.A.
<i>Noturus placidus</i>		V	U.S.A.

Bagre del Panuco

Bagre Lobo

Bagre de Rio Verde

Bagre de Yaqui

Bagre de Cuatro Ciénegas

Smoky Madtom

Yellowfin Madtom

Carolina Madtom

Orangefin Madtom

Ouachita Madtom

Frecklebelly Madtom

Neosho Madtom

<i>Noturus stanauli</i>	Pygmy Madtom	E	U.S.A.
<i>Noturus taylori</i>	Caddo Madtom	V	U.S.A.
<i>Noturus trautmani</i>	Scioto Madtom	E	U.S.A.
<i>Prietella phreatophila</i>	Bagre de Muzquiz	E	Mexico
<i>Satan eurystomus</i>	Widemouth Blindcat	V	U.S.A.
<i>Troglolanius pattersoni</i>	Toothless Blindcat	V	U.S.A.
Family Bagridae			
<i>Austroglanis barnardi</i>	Barnard's Rock-catfish	E	South Africa
<i>Austroglanis gilli</i>	Clanwilliam Rock-catfish	R	South Africa
<i>Austroglanis sclateri</i>	Rock-catfish	R	South Africa
<i>Coreobagrus ichikawai</i>	Nekogigi	E	Japan
Family Pangasiidae			
<i>Pangasianodon gigas</i>	Giant Catfish	V	Mekong Basin
<i>Pangasius sanitwongsei</i>	Pla Thepa	R	Mekong Basin
Family Sisoridae			
<i>Oreoglanis siamensis</i>		I	Thailand
Family Clariidae			
<i>Clarias cavernicola</i>	Cave Catfish	E	Namibia
<i>Horoglanis krishnai</i>	Cave Catfish	R	India
Family Mochokidae			
<i>Chiloglanis bifurcus</i>	Incomati Rock Catlet	V	South Africa
Family Pimelodidae			
<i>Rhamdia reddelli</i>	Juil Ciego	V	Mexico

Order SALMONIFORMES

Family Umbridae

Nouumbra hubbsi

Family Osmeridae

*Hypomesus transpacificus**Osmerus spectrum*

Family Retropinnidae

*Prototroctes maraena**Prototroctes oxyrhynchus*

Family Galaxiidae

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

Family Salmonidae

*Coregonus alpenae**Coregonus artedii**Coregonus canadensis**Coregonus hoyi**Coregonus johannae**Coregonus kiyi**Coregonus nigripinnis**Coregonus oxyrhynchus**Coregonus reighardi*

Olympic Mudminnow

R U.S.A.

Delta Smelt

V U.S.A.

Pygmy Smelt

R Canada, U.S.A.

Australian Grayling

V Australia, Tasmania

New Zealand Grayling

Ex [New Zealand]

Swan Galaxias

E Tasmania

Clarence Galaxias

E Tasmania

Small Pedder Galaxias

V Tasmania

Pedder Galaxias

V Tasmania

Saddled Galaxias

V Tasmania

Canterbury Mudfish

R New Zealand

Black Mudfish

I New Zealand

Longjaw Cisco

Ex [Great Lakes (North America)]

Cisco

R Great Lakes (North America)

Atlantic Whitefish

E Great Lakes (North America)

Bloater

R Great Lakes (North America)

Deepwater Cisco

Ex [Great Lakes (North America)]

Kiyi

V Great Lakes (North America)

Blackfin Cisco

Ex [Great Lakes (North America)]

Houting

E North and Baltic Sea

Shortnose Cisco

E Great Lakes (North America)

<i>Coregonus</i> sp.	Opeongo Whitefish	E	Canada
<i>Coregonus</i> sp.	Squanga Whitefish	V	Canada
<i>Coregonus zenithicus</i>	Shorjlaw Cisco	E	Great Lakes (North America)
<i>Hucho hucho</i>	Danube Salmon	E	Danube Basin
<i>Onchorhynchus apache</i>	Apache Trout	V	U.S.A.
<i>Onchorhynchus chrysogaster</i>	Mexican Golden Trout	V	Mexico
<i>Onchorhynchus clarki</i> (subspecies)	Cutthroat Trout	V	U.S.A.
<i>Onchorhynchus gilae</i>	Gila Trout	V	U.S.A.
<i>Onchorhynchus</i> sp.	Trucha de Yaqui	R	Mexico
<i>Salmo platycephalus</i>	Ala Balik	E	Turkey
<i>Salmothymus obtusirostris</i>	Adriatic Salmon	E	Yugoslavia
<i>Salvelinus agassizi</i>	Silver Trout	Ex	[U.S.A.]
<i>Salvelinus anaktiwukensis</i>	Angayukaksurak Char	R	U.S.A.
<i>Salvelinus confluentus</i>	Bull Trout	R	Canada, U.S.A.
<i>Stenodus leucichthys leucichthys</i>	Beloribitsa	V	U.S.S.R.

Order PERCOPSIFORMES

Family Amblyopsidae

Amblyopsis rosae
Amblyopsis spelaea
Speoplatyrhinus poulsoni

Ozark Cavefish
Northern Cavefish
Alabama Cavefish

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

Order OPHIDIIFORMES

Family Ophidiidae

Typhliasina pearsei
Typhliasina sp.

Dama Ciega Blanca
Nueva Dama Ciega

E Mexico
E Mexico

Order CYPRINODONTIFORMES

Family Aplocheilidae

Nothobranchius sp.

Caprivi Killifish

E Namibia

Family Rivulidae

- Cynolebias boitoni*
Cynolebias constanciae
Cynolebias marmoratus
Cynolebias minimus
Cynolebias opalescens
Cynolebias splendens
Rivulus marmoratus
Rivulus robustus

- Brasilia Lyrefin
 Ginger Pearlfish
 Minute Pearlfish
 Opalescent Pearlfish
 Splendid Pearlfish
 Rivulus
 Rivulus Almirante

R Brazil
 V Brazil
 E Brazil
 I Brazil
 E Brazil
 E Brazil
 R U.S.A.
 R Mexico

Family Fundulidae

- Fundulus albolineatus*
Fundulus julisia
Fundulus lima
Fundulus waccamensis
Lucania intertioris

- Whiteline Topminnow
 Barrens Topminnow
 Killifish
 Waccamaw Killifish
 Sardinilla Cuatro Ciénegas

Ex [U.S.A.]
 R U.S.A.
 V Mexico
 V U.S.A.
 E Mexico

Family Valenciidae

- Valencia hispanica*

- Valencia Toothcarp

E Spain

Family Poeciliidae

- Gambusia alvarezi*
Gambusia amistadensis
Gambusia eurystoma
Gambusia gaigei
Gambusia georgei
Gambusia heterochir
Gambusia hurtadoi
Gambusia longispinis
Gambusia nobilis
Gambusia senilis

- Guayacon de San Gregorio
 Amistad Gambusia
 Guayacon Bocon
 Big Bend Gambusia
 San Marcos Gambusia
 Clear Creek Gambusia
 Guayacon de Hacienda Dolores
 Guayacon de Cuatro Ciénegas
 Pecos Gambusia
 Guayacon Pinto

V Mexico
 Ex [U.S.A.]
 R Mexico
 E U.S.A.
 Ex [U.S.A.]
 V U.S.A.
 V Mexico
 V Mexico
 V U.S.A.
 R Mexico, U.S.A.

<i>Cuclac tessellatus</i>	Cachorrito de Media Luna	E	Mexico
<i>Cyprinodon albarezi</i>	Perrito de Potosi	E	Mexico
<i>Cyprinodon atrorus</i>	Perrito del Bolson	R	Mexico
<i>Cyprinodon beltrani</i>	Cachorrito Lodero	V	Mexico
<i>Cyprinodon bifasciatus</i>	Perrito de Cuatro Ciénegas	R	Mexico
<i>Cyprinodon bovinus</i>	Leon Springs Pupfish	E	U.S.A.
<i>Cyprinodon diabolis</i>	Devils Hole Pupfish	V	U.S.A.
<i>Cyprinodon elegans</i>	Comanche Springs Pupfish	E	U.S.A.
<i>Cyprinodon eximius</i> (subspecies)	Conchos Pupfish	V	Mexico, U.S.A.
<i>Cyprinodon fontinalis</i>	Perrito de Carbonera	E	Mexico
<i>Cyprinodon labiosus</i>	Cachorrito Cangrejero	V	Mexico
<i>Cyprinodon latifasciatus</i>	Perrito de Parras	Ex	[Mexico]
<i>Cyprinodon macrolepis</i>	Largescale Pupfish	V	Mexico
<i>Cyprinodon macularius</i> (subspecies)	Desert Pupfish	E	Mexico, U.S.A.
<i>Cyprinodon maya</i>	Cachorrito Gigante	V	Mexico
<i>Cyprinodon meeki</i>	Cachorrito de Mezquital	E	Mexico
<i>Cyprinodon nazas</i>	Cachorrito del Aguanaval	V	Mexico
<i>Cyprinodon nevadensis</i> (subspecies)	Amargosa Pupfish	V	U.S.A.
<i>Cyprinodon pachycephalus</i>	Cachorrito Cabezon	E	Mexico
<i>Cyprinodon pecosensis</i>	Pecos Pupfish	V	U.S.A.
<i>Cyprinodon radiosus</i>	Owens Pupfish	E	U.S.A.
<i>Cyprinodon salinus milleri</i>	Cottonball Marsh Pupfish	R	U.S.A.
<i>Cyprinodon salinus salinus</i>	Salt Creek Pupfish	R	U.S.A.
<i>Cyprinodon simus</i>	Cachorrito Boxeador	V	U.S.A.
<i>Cyprinodon</i> spp.	Perritos de Sandia	Ex?	Mexico
<i>Cyprinodon tularosa</i>	White Sands Pupfish	R	U.S.A.
<i>Cyprinodon verucundus</i>	Cachorrito de Dorsal Larga	V	Mexico
<i>Kosswigichthys asquamatus</i>	Scaleless Killifish	V	Turkey
<i>Megupsilon aporus</i>	Cachorrito Enano de Potosi	E	Mexico
<i>Orestias cuvieri</i>		E	Bolivia

Order BELONIFORMES
Family Adrianichthyidae

Adrianichthys kruyti
Xenopoeilus ophorus
Xenopoeilus poptae
Xenopoeilus sarasinorum

Duck-billed Bunting
Egg-carrying Bunting
Popta's Bunting

E Sulawesi (Indonesia)
E Sulawesi (Indonesia)
E Sulawesi (Indonesia)
E Sulawesi (Indonesia)

Family Oryziidae

Oryzias marmoratus
Oryzias matanensis
Oryzias nigrimas
Oryzias orthognathus
Oryzias profundicola

Black Bunting
Sharp-jawed Bunting

V Sulawesi (Indonesia)
V Sulawesi (Indonesia)
V Sulawesi (Indonesia)
E Sulawesi (Indonesia)
V Sulawesi (Indonesia)

Family Hemiramphidae

Dermogenys megarramphus
Dermogenys weberi
Nomoramphus celebensis

Poso Halfbeak

V Sulawesi (Indonesia)
V Sulawesi (Indonesia)
R Sulawesi (Indonesia)

Order ATHERINIFORMES

Family Atherinidae

Chirostoma bartoni
Chirostoma regani
Menidia conchorum
Menidia extensa
Poblana alchichica
Poblana ferdebueni
Poblana leitholepis
Poblana squamata

Charal de la Caldera
Charal del Valle de Mexico
Key Silverside
Waccamaw Silverside
Charal de Alchichica

Charal de la Preciosa
Charal de Quechulac

K Mexico
E Mexico
V U.S.A.
V U.S.A.
V Mexico
R Mexico
V Mexico
V Mexico

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
Family Telmatherinidae			
<i>Paratherina cyanea</i>	V		Sulawesi (Indonesia)
<i>Paratherina labiosa</i>	V		Sulawesi (Indonesia)
<i>Paratherina striata</i>	V		Sulawesi (Indonesia)
<i>Paratherina wolterecki</i>	V		Sulawesi (Indonesia)
<i>Telmatherina abandaroni</i>	V		Sulawesi (Indonesia)
<i>Telmatherina bonti</i>	V		Sulawesi (Indonesia)
<i>Telmatherina celebensis</i>	V		Sulawesi (Indonesia)
<i>Telmatherina ladigesi</i>	R	Celebes Rainbow	Sulawesi (Indonesia)
Order GASTEROSTEIFORMES			
Family Gasterosteidae			
<i>Gasterosteus aculeatus santaeannae</i>	E	Santa Ana Stickleback	U.S.A.
<i>Gasterosteus aculeatus williamsoni</i>	E	Unarmored Threespine Stickleback	U.S.A.
<i>Gasterosteus</i> sp.	V	Giant Stickleback	Canada
<i>Gasterosteus</i> sp.	V	Enos Stickleback	Canada
Order SYNGNATHIFORMES			
Family Syngnathidae			
<i>Hippocampus capensis</i>	V	Knysna Seahorse	South Africa
<i>Syngnathus watermayeri</i>	V	River Pipefish	South Africa

Order SYNBRANCHIFORMES

Family Synbranchidae

Ophisternon candidum
Ophisternon infernale

Blind Cave Eel
Anguila Ciega

I Australia
E Mexico

Order SCORPAENIFORMES

Family Cottidae

Cottus asperimus
Cottus echinatus
Cottus extensus
Cottus greenei
Cottus letopomus
Cottus princeps
Cottus pygmaeus
Cottus tenuis
Myoxocephalus quadricornis

Rough Sculpin
Utah Lake Sculpin
Bear Lake Sculpin
Shoshone Sculpin
Wood River Sculpin
Klamath Lake Sculpin
Pygmy Sculpin
Slender Sculpin
Fourhorn Sculpin

R U.S.A.
Ex [U.S.A.]
R U.S.A.
V U.S.A.
R U.S.A.
R U.S.A.
E U.S.A.
R U.S.A.
V Canada

Order PERCIFORMES

Family Percichthyidae

Maccullochella ikei
Maccullochella macquariensis
Maccullochella sp.

Eastern Freshwater Cod
Trout Cod
Mary River Cod

E Australia
E Australia
I Australia

Family Centrarchidae

Ambloplites cavifrons
Elassoma boehlkei
Elassoma okatie
Elassoma sp.
Lepomis megalotis spp.
Micropterus notius
Micropterus salmoides ssp.

Roanoke Bass
Carolina Pygmy Sunfish
Bluebarred Pygmy Sunfish
Spring Pygmy Sunfish
Mojarra de Cuatro Cienegas
Suwannee Bass
Robalo de Cuatro Cienegas

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

<i>Micropterus treculi</i>	Guadalupe Bass	R	U.S.A.
Family Percidae			
<i>Ammocrypta asprella</i>	Crystal Darter	R	U.S.A.
<i>Ammocrypta pellucida</i>	Eastern Sand Darter	V	Canada, U.S.A.
<i>Etheostoma acuticeps</i>	Sharphead Darter	R	U.S.A.
<i>Etheostoma aquali</i>	Coppercheek Darter	V	U.S.A.
<i>Etheostoma australe</i>	Dardo de Conchos	E	Mexico
<i>Etheostoma boschungii</i>	Slackwater Darter	V	U.S.A.
<i>Etheostoma cinereum</i>	Ashy Darter	R	U.S.A.
<i>Etheostoma cragini</i>	Arkansas Darter	R	U.S.A.
<i>Etheostoma ditrema</i>	Coldwater Darter	V	U.S.A.
<i>Etheostoma fonticola</i>	Fountain Darter	E	U.S.A.
<i>Etheostoma grahami</i>	Rio Grande Darter	R	Mexico, U.S.A.
<i>Etheostoma kanawhae</i>	Kanawha Darter	R	U.S.A.
<i>Etheostoma luteovinctum</i>	Redband Darter	R	U.S.A.
<i>Etheostoma maculatum</i>	Spotted Darter	R	U.S.A.
<i>Etheostoma mariae</i>	Pinewoods Darter	R	U.S.A.
<i>Etheostoma moorei</i>	Yellowcheek Darter	V	U.S.A.
<i>Etheostoma nianguae</i>	Niangua Darter	V	U.S.A.
<i>Etheostoma nuchale</i>	Watercress Darter	E	U.S.A.
<i>Etheostoma okaloosae</i>	Okaloosa Darter	V	U.S.A.
<i>Etheostoma osburni</i>	Finescale Saddled Darter	R	U.S.A.
<i>Etheostoma pallidiorsum</i>	Paleback Darter	V	U.S.A.
<i>Etheostoma potteri</i>	Mexican Darter	V	Mexico
<i>Etheostoma rubrum</i>	Bayou Darter	V	U.S.A.
<i>Etheostoma sellare</i>	Maryland Darter	E	U.S.A.
<i>Etheostoma sp.</i>	Dardo de Cuatro Ciénegas	E	Mexico
<i>Etheostoma striatulum</i>	Striated Darter	R	U.S.A.
<i>Etheostoma trisella</i>	Trispot Darter	V	U.S.A.
<i>Etheostoma tuscumbia</i>	Tuscumbia Darter	V	U.S.A.
<i>Etheostoma wapiti</i>	Boulder Darter	V	U.S.A.

<i>Perca schrenki</i>	Balkhash Perch	R	U.S.S.R.
<i>Percina antesella</i>	Amber Darter	E	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 lentiginosa</i>	Freckled Darter	V	U.S.A.
<i>Percina macrocephala</i>	Longhead Darter	V	U.S.A.
<i>Percina nasuta</i>	Longnose Darter	V	U.S.A.
<i>Percina pantherina</i>	Leopard Darter	V	U.S.A.
<i>Percina rex</i>	Roanoke Logperch	E	U.S.A.
<i>Percina tanasi</i>	Snail Darter	V	U.S.A.
<i>Percina uranidea</i>	Stargazing Darter	R	U.S.A.
<i>Romanichthys valsanicola</i>	Asprete	E	Romania
<i>Zingel asper</i>	Asper	E	Rhone Basin
<i>Zingel streber</i>	Streber	V	Danube Basin

Family Sciaenidae

<i>Totoaba macdonaldi</i>	Totoaba	E	Mexico
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Family Cichlidae

<i>Astatotilapia brevis</i>	Orange-fringed Largemouth	R	South Africa
<i>Cichlasoma bartoni</i>	Mojarra Caracolera	E	Mexico
<i>Cichlasoma labridens</i>	Mojarra	E	Mexico
<i>Cichlasoma minckleyi</i>	Mojarra Caracolera de Cuatro Ciénegas	E	Mexico
<i>Cichlasoma pantostictum</i>	Mojarra	R	Mexico
<i>Cichlasoma</i> sp.	Mojarra Caracolera de Media Luna	E	Mexico
<i>Cichlasoma steindachneri</i>	Mojarra	R	Mexico
<i>Cichlasoma urophthalmus ericymba</i>	Mojarra de Bulha	R	Mexico
<i>Konia dikume</i>	Dikume	E	Mexico
<i>Konia eisentrauti</i>	Konye	V	Cameroon
		V	Cameroon

<i>Myaka myaka</i>	Myaka myaka	V	Cameroon
<i>Oreochromis alcalicus grahami</i>	Lake Magadi Tilapia	R	Kenya
<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.</i> (c. 250 spp.)	Lake Victoria Cichlids	E	East Africa
<i>titapiine spp.</i> (2 spp.)	Lake Victoria Cichlids	E	East Africa
Family Embiotocidae			
<i>Hysterocharpus traski pomu</i>	Russian River Tule Perch	R	U.S.A.
Family Mugilidae			
<i>Myxus capensis</i>	Freshwater Mullet	R	South Africa
Family Eleotrididae			
<i>Eleotris sanduicensis</i>	Oopu	R	U.S.A.
<i>Hypseleotris dayi</i>	Golden Sleeper	R	South Africa
<i>Mogurnda n.sp.</i>	Flinders Gudgeon	V	Australia
Family Gobiidae			
<i>Awaous stamineus</i>	Oopu Nakea	R	U.S.A.
<i>Chlamydogobius n.sp.</i>	Elizabeth Springs Goby	V	Australia
<i>Croilia mossambica</i>	Burrowing Goby	I	South Africa
<i>Economidichthys trichonis</i>		R	Greece
<i>Eucyclogobius newberryi</i>	Tidewater Goby	R	U.S.A.
<i>Glossogobius intermedius</i>		V	Sulawesi (Indonesia)

<i>Glossogobius matanensis</i>			V	Sulawesi (Indonesia)
<i>Knipowitschia punctatissima</i>			R	Greece
<i>Knipowitschia thessala</i>			E	Greece
<i>Lentipes concolor</i>	Oopu	Alamoo	V	U.S.A.
<i>Mistichthys luzonensis</i>		Sinarapan	V	Philippines
<i>Mugilogobius latifrons</i>			V	Sulawesi (Indonesia)
<i>Mugilogobius n.sp.</i>			V	Sulawesi (Indonesia)
<i>Padogobius nigricans</i>			V	Greece
<i>Redigobius dewaali</i>	Checked Goby		R	Mozambique, South Africa
<i>Sicydium stimpsoni</i>	Oopu	Nopili	R	U.S.A.
<i>Silhouettea sibayi</i>		Sibayi Goby	R	South Africa
<i>Stupidogobius flavipinnis</i>			V	Sulawesi (Indonesia)
<i>Taeniooides jacksoni</i>	Bearded Goby		V	South Africa
<i>Tamanka sarasinorum</i>	Sarasin's Goby		V	Sulawesi (Indonesia)
<i>Weberogobius amadi</i>	Poso Bungu		E	Sulawesi (Indonesia)
Family Anabantidae				
<i>Sandelia bainsii</i>	Eastern Province	Rocky	V	South Africa
Family Belontiidae				
<i>Belontia signata</i>	Combtail		R	Sri Lanka
<i>Malpulutta kretseri</i>	Ornate	Paradisefish	V	Sri Lanka

INVERTEBRATES
Other than Insects

Phylum CILIOPHORA

Class POLYHYMENOPHOREA

Order HETEROTRICHIDA

Family Stentoridae

Stentor introversus

K U.S.A.

Tartar's Stentor

Phylum CNIDARIA

Order GORGONACEA

Family Plexauridae

Eunicella verrucosa

Broad Sea Fan

K Mediterranean Sea, N.E. Atlantic Ocean

Order HELIOPORACEA

Family Coralliidae

Corallium (20 species)

Precious Corals

CT Mediterranean Sea, Pacific Ocean

Order ACTINARIA

Family Edwardsiidae

Edwardsia ivellii

Nematostella vectensis

Ivell's Sea Anemone

Starlet Sea Anemone

Ex? U.K.
V U.K., North America

Order ANTIPATHARIA

Family Anthipathidae

Anthipathidae (c 150 species)

Black Coral

CT Caribbean, Indo-Pacific

Phylum PLATYHELMINTHES

Class TURBELLARIA

Order TRICLADIDA

Family Kenkiidae

Kenkia rhynchida

Romanckenkius pedderensis

Sphalloplana holsingeri

Sphalloplana subtilis

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

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

Phylum NEMERTEA

Class ENOPLA

Order HOPLONEMERTEA

Family Prosorhochmidae

<i>Antiponemertes allisonae</i>	V	New Zealand
<i>Argonemertes australiensis</i>	R	Australia
<i>Argonemertes hillii</i>	R	Australia
<i>Argonemertes stocki</i>	R	Australia
<i>Geonemertes rodericana</i>	R	Rodrigues
<i>Katechonemertes nightingaleensis</i>	R	Tristan da Cunha
<i>Leptonemertes chalicophora</i>	R	Madeira, Azores, Canary Is (Spain)
<i>Pantinonemertes agricola</i>	R	Bermuda
<i>Pantinonemertes enalios</i>	K	Australia
<i>Pantinonemertes winsori</i>	K	Australia

Phylum MOLLUSCA

Order GYMNOSOMATA

Family Corambidae

Doridella batava

Zuiderzee Doridella Sea Slug

K Netherlands

Class BIVALVIA

Order PTERIOIDA

Family Pteriidae

Pinctada margaritifera

Pinctada maxima

Black-lipped Pearl Oyster

Gold-lipped Pearl Oyster

CT Indo-Pacific

CT Indo-Pacific

Order UNIONOIDA

Family Unionidae			
<i>Alasmidonta arcula</i>		Dwarf Wedge Mussel	I U.S.A.
<i>Alasmidonta atropurpurea</i>			I U.S.A.
<i>Alasmidonta heterodon</i>			E U.S.A.
<i>Alasmidonta raveneliana</i>			E U.S.A.
<i>Alasmidonta robusta</i>			E U.S.A.
<i>Alasmidonta wrightiana</i>			E U.S.A.
<i>Arkansia wheeleri</i>			I U.S.A.
<i>Canthyria collina</i>		Wheeler's Pearly Mussel	E U.S.A.
<i>Canthyria spinosa</i>		James River Spiny Mussel	V U.S.A.
<i>Carunculina pulla</i>		Georgia Spiny Mussel	I U.S.A.
<i>Conradilla caelata</i>		Savannah Shore Mussel	R U.S.A.
<i>Cyrogenia aberti</i>		Birdwing Pearly Mussel	E U.S.A.
<i>Cyrogenia irrorata</i>		Western Fan-shell Pearly Mussel	E U.S.A.
<i>Cyrtoneias tampicoensis tecomatensis</i>		Eastern Fan-shell Pearly Mussel	I U.S.A.
<i>Dromus dromas</i>		Tampico Pearly Mussel	E Mexico
<i>Elliptio marsupiobesa</i>		Dromedary Pearly Mussel	E U.S.A.
<i>Elliptio nigella</i>		Cape Fear Spike Pearly Mussel	I U.S.A.
<i>Elliptio sp.</i>		Recovery Pearly Mussel	Ex [U.S.A.]
<i>Elliptio spinosa</i>		Waccamaw Lake Pearly Mussel	I U.S.A.
<i>Elliptio steinstansana</i>		Georgia Spiny Mussel	R U.S.A.
<i>Elliptio waccamawensis</i>		Tar River Spiny Mussel	E U.S.A.
<i>Epioblasma arcaeformis</i>		Waccamaw Spike	R U.S.A.
<i>Epioblasma biemarginata</i>		Arc-form Pearly Mussel	Ex?
<i>Epioblasma brevidens</i>			Ex [U.S.A.]
<i>Epioblasma capsaeformis</i>			E U.S.A.
<i>Epioblasma curtisi</i>			E U.S.A.
<i>Epioblasma flexuosa</i>		Arcuate Pearly Mussel	I U.S.A.
<i>Epioblasma florentina curtisi</i>		Curtis Pearly Mussel	Ex [U.S.A.]
<i>Epioblasma florentina florentina</i>		Yellow-blossom Pearly Mussel	Ex? U.S.A.
			E U.S.A.

<i>Epioblasma haysiana</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 metastriata</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 sulcata delicata</i>	Steward's Pearly Mussel	Ex	[U.S.A.]
<i>Epioblasma sulcata sulcata</i>	White Cat's Paw Mussel	E	U.S.A.
<i>Epioblasma torulosa gubernaculum</i>	Purple Cat's Paw Mussel	E	U.S.A.
<i>Epioblasma torulosa rangiana</i>	Green-blossom Pearly Mussel	E	U.S.A.
<i>Epioblasma torulosa torulosa</i>	Tan-blossom Pearly Mussel	E	U.S.A.
<i>Epioblasma triquetra</i>	Tubercled-blossom Pearly Mussel	E	Canada, U.S.A.
<i>Epioblasma turgidula</i>	Snuffbox	V	U.S.A.
<i>Epioblasma walkeri</i>	Turgid-blossom Pearly Mussel	E	U.S.A.
<i>Fusconaia collina</i>	Tan Riffle Shell Mussel	E	U.S.A.
<i>Fusconaia cuneolus</i>	Virginia Spiny Mussel	I	U.S.A.
<i>Fusconaia edgariana</i>	Fine-rayed Pigtoe Pearly Mussel	E	U.S.A.
<i>Hemistena lata</i>	Shiny Pigtoe Pearly Mussel	E	U.S.A.
<i>Lampsilis dolabraeformis</i>	Cracking Pearly Mussel	E	U.S.A.
<i>Lampsilis fasciola</i>		Ex?	U.S.A.
<i>Lampsilis higginsii</i>	Higgin's Eye Pearly Mussel	Ex	[U.S.A.]
<i>Lampsilis hostonia</i>		E	U.S.A.
<i>Lampsilis orbiculata</i>	Pink Mucket Pearly Mussel	Ex	[U.S.A.]
<i>Lampsilis perovalis</i>		E	U.S.A.
<i>Lampsilis rafinesqueana</i>	Neosho Pearly Mussel	E	U.S.A.
<i>Lampsilis streckeri</i>		I	U.S.A.
<i>Lampsilis virescens</i>	Alabama Lamp Pearly Mussel	E	U.S.A.

<i>Lasmsgona holstonia</i>	I	Scale Shell	U.S.A.
<i>Leptodea leptodon</i>	I	Slab-sided Pearly Mussel	U.S.A.
<i>Lexingtonia dolabelloides</i>	I	Nicklin's Pearly Mussel	U.S.A.
<i>Megalonaia nicklineana</i>	E		Mexico
<i>Microcondylaea compressa</i>	I	Golf Stick Pearly Mussel	Southern Europe
<i>Obovaria retusa</i>	I	Little Winged Pearly Mussel	U.S.A.
<i>Pegias fabula</i>	E		U.S.A.
<i>Plectomeris dombeyana</i>	Ex	White Warty Back Pearly Mussel	[U.S.A.]
<i>Plethobasus cicatricosus</i>	E	Cumberland Pigtoe	U.S.A.
<i>Plethobasus cooperianus</i>	E	Northern Club Shell	U.S.A.
<i>Pleurobema clava</i>	I	Curtus's Mussel	U.S.A.
<i>Pleurobema curtum</i>	E	Marshall's Mussel	U.S.A.
<i>Pleurobema marshalli</i>	E		U.S.A.
<i>Pleurobema oviforme</i>	I	Rough Pigtoe Pearly Mussel	U.S.A.
<i>Pleurobema plenum</i>	E		U.S.A.
<i>Pleurobema rubrum</i>	I	Judge Tait's Mussel	U.S.A.
<i>Pleurobema taiitianum</i>	E	Fat Pocketbook	U.S.A.
<i>Potamilus capax</i>	E		U.S.A.
<i>Potamilus inflatus</i>	I	Rough Rabbit's Foot Pearly Mussel	U.S.A.
<i>Quadrula cylindrica strigillata</i>	I	Rough Maple Leaf Pearly Mussel	U.S.A.
<i>Quadrula fragosa</i>	Ex	Cumberland Monkey Face Pearly Mussel	[U.S.A.]
<i>Quadrula intermedia</i>	E	Appalachian Monkey Face Pearly Mussel	U.S.A.
<i>Quadrula sparsa</i>	E	Stürrup Shell	U.S.A.
<i>Quadrula stapes</i>	E		U.S.A.
<i>Simponaia ambigua</i>	I	Salamander Mussel	U.S.A.
<i>Simpsoniconcha ambigua</i>	I	Pale Lilliput Pearly Mussel	U.S.A.
<i>Toxolasma cylindrella</i>	E		U.S.A.
<i>Unio crassus</i>	V		Central & Northern Europe
<i>Unio elongatulus</i>	I	Choctaw Pearly Mussel	Southern Europe
<i>Villosa choctawensis</i>	I	Bean Mussel	U.S.A.
<i>Villosa fabalis</i>	I	Ortmann's Pearly Mussel	U.S.A.
<i>Villosa ortmanni</i>	R		U.S.A.

<i>Villosa purpurea</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	V	Catalonia (Spain)
<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 Pisiidiidae			
<i>Pisidium ultramontanum</i>		I	U.S.A.
Family Hyriidae			
<i>Velesunio moretonicus</i>		I	Tasmania
Class GASTROPODA			
Order ARCHAEOGASTROPODA			
Family Turbinidae			
<i>Turbo marmoratus</i>	Green Snail	CT	Indo-Pacific
Family Neritidae			
<i>Neritilia hawaiiensis</i>		I	Hawaii (U.S.A.)

Order MESOGASTROPODA

Family Valvatidae

Valvata utahensis

Utah Roundmouth Snail

I U.S.A.

Family Pomatiasidae

Pomatias raricosta

V Tenerife (Canary Is, Spain)

Family Hydrobiidae

*Amnicola deserta**Aphaostracon asthenes**Aphaostracon monas**Aphaostracon pycnus**Aphaostracon xynoelictus**Arganiella exilis**Aventionia brevis**Belgrandiella pyrenaica**Bythinella bicarinata**Bythinella carinulata**Bythinella pupoides**Bythinella reyniesii**Bythinella vesontiana**Bythinella viridis**Bythiospeum articense**Bythiospeum bressanum**Bythiospeum diaphanum**Bythiospeum garnieri**Cincinnatia helicogyra**Cincinnatia mica**Cincinnatia monroensis**Cincinnatia parva**Cincinnatia ponderosa*

St George Snail

Blue Spring Aphaostracon

Wekiwa Springs Aphaostracon

Compact Hydrobe Snail

Fenney's Spring Hydrobe Snail

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

I France

I Belgium, France, Netherlands

I France

I France

I France

I France, Switzerland

I Austria, France

I France

I France

I France

I France

I France, Switzerland

I France

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

Helicoid Spring Snail

Sand Grain Snail

Enterprise Spring Snail

Ponderous Spring Snail

I

I

I

I

I

Cinnamita vanhyningi
Cinnamita wekiwae
Coahuilix hubbsi
Cochliopa texana
Cochliopina milleri
Coxtella striata
Durangonella coahuilae
Fissuria boui
Fluminicola avernalis
Fluminicola erythopoma
Fluminicola merriami
Fluminicola robusta
Fluminicola sp. (3 species)
Fontelicella micrococcos
Fontelicella neomexicana
Fontelicella robusta
Fontelicella robusta walkeri
Fontelicella sp. a
Fontelicella sp. b (2 species)
Glacidorbis pawpela
Glacidorbis pedderi
Hauffenia minuta
Hydrobia scamandri
Lithoglyphus columbiana
Lithabitella elliptica
Marstonia agarhecta
Marstonia castor
Marstonia ogmoraphe
Marstonia pachyta
Mexipyrgus carranzae
Mexipyrgus churinceanus
Mexipyrgus escobeda

Seminole Spring Snail
Wekiwa Spring Snail
Coahuilix de Hubbs Snail
Phantom Cave Snail
Miller's Snail

Durangonella de Coahuila Snail

Muddy Valley Turban Snail
Point of Rocks Spring Snail
Pahranagat Valley Turban Snail
Elk Island Snail

Amargosa Fontelicella
Socorro Spring Snail

Roswell Fontelicella

Giant Columbia River Spire Snail

Obese Marstonia Snail
Thick-shelled Marstonia Snail
Mexipyrgus de Carranza Snail
Mexipyrgus de Churince Snail
Mexipyrgus de Escobeda Snail

I U.S.A.
 I U.S.A.
 V Mexico
 I U.S.A.
 V Mexico
 I Tasmania
 V Mexico
 I France
 I U.S.A.
 U.S.A.
 E U.S.A.
 I U.S.A.
 I U.S.A.
 I U.S.A.
 I U.S.A.
 I U.S.A.
 Ex? U.S.A.
 I U.S.A.
 I U.S.A.
 V U.S.A.
 I U.S.A.
 I Tasmania
 I Tasmania
 I France, Switzerland
 I France
 E U.S.A.
 I France
 I U.S.A.
 U.S.A.
 I U.S.A.
 I U.S.A.
 I U.S.A.
 V Mexico
 V Mexico
 V Mexico

<i>Mexipyrghus lugoï</i>	Mexipyrghus de Lugo Snail	V	Mexico
<i>Mexipyrghus mojarrales</i>	Mexipyrghus de West El Mojarral Snail	V	Mexico
<i>Mexipyrghus multilineatus</i>	Mexipyrghus de East El Mojarral Snail	V	Mexico
<i>Mexithauma quadripaludium</i>	Mexithauma de Cienegas Snail	V	Mexico
<i>Moitessieria juvenisanguis</i>		I	France
<i>Moitessieria lineolata</i>		I	France
<i>Moitessieria locardi</i>		I	France
<i>Moitessieria puteana</i>		I	France
<i>Moitessieria rayi</i>		I	France
<i>Moitessieria rolandiana</i>		I	France
<i>Moitessieria simoniana</i>		I	France
<i>Nymphophilus minckleyi</i>	Nymphophilus de Minckley Snail	V	Mexico
<i>Palacanthilhiopsis vervierii</i>		I	France
<i>Paladilhia pleurotoma</i>		I	France
<i>Paladilhiopsis bourgignati</i>		I	France
<i>Paludiscala caramba</i>		I	France
<i>Plagiogyeria conilis</i>		V	Mexico
<i>Pseudamnicola anteisensis</i>		I	France
<i>Pseudamnicola klemmi</i>		I	France
<i>Somatogyrus catanotus</i>		I	France
<i>Somatogyrus parvulus</i>		I	U.S.A.
<i>Somatogyrus tenax</i>		I	U.S.A.
<i>Stiobia nana</i>		I	U.S.A.
<i>Tryonia cheatumi</i>	Cheatum's Snail	I	U.S.A.
<i>Tryonia clathrata</i>	White River Snail	I	U.S.A.
<i>Tryonia imitator</i>	California Brackish Water Snail	I	U.S.A.
<i>Tryonia n.sp.</i> (6 species)		I	U.S.A.
Family Assimineidae			
<i>Assiminea infirma</i>	Badwater Snail	I	U.S.A.
<i>Assiminea sp.</i>	Pecos Assiminea Snail	V	U.S.A.

Family Aciculidae

<i>Platyla foliniana</i>	I	France
<i>Renea bourguignatiana</i>	I	France
<i>Renea gormonti</i>	I	France
<i>Renea moutonii</i>	I	France
<i>Renea paillona</i>	I	France
<i>Renea singularis</i>	I	France

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>Elimia 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 fluviatilis</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
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Queen Conch

Family Cymatidae

Charonia tritonis

R Indo-Pacific

Triton's Trumpet

Order BASOMMATOPHORA

Family Lymnaeidae

*Lymnaea kingii**Myxas glutinosa**Stagnicola pilsbryi*

I U.S.A.

V Europe

I U.S.A.

Utah Band Snail

Glutinous Snail

Fish Springs Pond Snail

Family Laniidae

Fisherola nuttalli

I U.S.A.

Giant Columbia River Limpet

Family Physidae

Physa sp.*Physa spelunca**Physa utahensis**Physa virgata**Physa zioni**Stenophysa microstriata*

V U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

I U.S.A.

Snake River Physa Snail

Wyoming Cave Snail

Utah Bubble Snail

Zion Canyon Snail

Fish Lake Snail

Family Planorbidae

*Ancylastrum cumingianus**Helisoma jacksonense**Helisoma magnificum**Segmentina nitida**Taphius eucoosmius eucoosmius*

E Tasmania

I U.S.A.

I U.S.A.

V Europe

I U.S.A.

Tasmanian Freshwater Limpet'

Jackson Lake Snail

Cape Fear Ramshorn Snail

Shiny Ram's-Horn

Greenfield Ramshorn Snail

Order STYLOMMATOPHORA

Family Achatinellidae

Achatinella a (41 species)

22 species Little Agate Shells

19 species Little Agate Shells

Ex [Hawaii, (U.S.A.)]

E Hawaii (U.S.A.)

Partulina confusa
Partulina crassa
Partulina fusoides
Partulina montagui
Partulina perdix
Partulina splendida
Perdicella kuhnsi

Family Partulidae

Partula aurantia
Partula exigua
Partula gibba
Partula hebe
Partula langfordi
Partula mirabilis
Partula mooreana
Partula radiolata
Partula salifana
Partula suturalis
Partula taeniata
Partula tohiveana
Samoana abbreviata
Samoana diaphana
Samoana fragilis
Samoana solitaria

Family Cochlicopidae

Cryptazeca monodonta
Cryptazeca subcylindrica
Hypnophila remyi

E Hawaii (U.S.A.)
 Ex [Hawaii (U.S.A.)]
 V Hawaii (U.S.A.)
 Ex [Hawaii (U.S.A.)]
 V Hawaii (U.S.A.)
 V Hawaii (U.S.A.)
 I Hawaii (U.S.A.)

Ex [Moorea (Society Is)]
 Ex [Moorea (Society Is)]
 E Guam (U.S.A.)
 E Society Is
 E Mariana Is (U.S.A.)
 Ex [Moorea (Society Is)]
 Ex [Moorea (Society Is)]
 V Guam (U.S.A.)
 Ex? Guam (U.S.A.)
 Ex [Moorea (Society Is)]
 Ex [Moorea (Society Is)]
 Ex [Moorea (Society Is)]
 I American Samoa
 E Society Is
 E Guam (U.S.A.)
 E Society Is

Moorean Viviparous Tree Snail
 Moorean Viviparous Tree Snail
 Tree Snail
 Moorean Viviparous Tree Snail
 Moorean Viviparous Tree Snail
 Tree Snail
 Tree Snail
 Moorean Viviparous Tree Snail
 Moorean Viviparous Tree Snail
 Moorean Viviparous Tree Snail
 Short Samoan Tree Snail
 Moorean Viviparous Tree Snail
 Tree Snail
 Moorean Viviparous Tree Snail

I Pyrenees (France & Spain)
 I France
 I Corsica (France)

Family Amastridae

Carelia (all species)
Thaanumia sp.

Ex [Hawaii (U.S.A.)]
Ex? Hawaii (U.S.A.)

Family Chondrinidae

Chondrina megacheilos caziotana
Leiostyla abbreviata
Leiostyla cassida
Leiostyla corneocostata
Leiostyla gibba
Leiostyla lamellosa
Solatopupa cyanensis
Solatopupa guidoni
Solatopupa psarolena
Sterkia clementina

I France
V Madeira (Portugal)
V Madeira (Portugal)
V Madeira (Portugal)
V Madeira (Portugal)
V Madeira (Portugal)
I France
I Corsica (France)
I France
I U.S.A.

Madeiran Land Snail
Madeiran Land Snail
Madeiran Land Snail
Madeiran Land Snail
Madeiran Land Snail

San Clemente Island Blunt-top Snail

Family Vertiginidae

Truncatellina arcyensis
Vertigo alabamensis
Vertigo angustior
Vertigo genesii
Vertigo geyeri
Vertigo hebardi
Vertigo moulinsiana

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

Narrow-mouthed Whorl Snail
Round-mouthed Whorl Snail

Des Moulins's Snail

Family Enidae

Napaeus badiusus
Napaeus nanodes
Napaeus propinguis
Napaeus roccellicola
Napaeus tarnerianus

V Tenerife (Canary Is, Spain)
R Tenerife (Canary Is, Spain)
R Tenerife (Canary Is, Spain)
E Tenerife (Canary Is, Spain)
R Tenerife (Canary Is, Spain)

<i>Napaeus variatus</i>			V	Tenerife (Canary Is, Spain)
Family Clausiliidae				
<i>Balea perversa</i>	Tree Snail		V	Europe
<i>Laminifera pauli</i>			I	France
<i>Macrogastra lineolata euzieriana</i>			I	France
Family Succineidae				
<i>Catinella arenaria</i>	Sandbowl Snail		V	Europe
<i>Oxyloma haydeni kanabensis</i>	Kanab Amber Snail		I	U.S.A.
<i>Succinea chittengoensis</i>	Chittengo Ovate Amber Snail		V	U.S.A.
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>Anglypta launcestonensis</i>	Granulated Tasmanian Snail		E	Tasmania
Family Bulimulidae				
<i>Bulimulus</i> (31 endemic species)	Stock Island Tree Snail		E	Galapagos Is (Ecuador)
<i>Orthalicus reses</i>			V	U.S.A.
<i>Placostylus ambagiosus</i>			V	New Zealand

<i>Placostylus bollonsi</i>						
<i>Placostylus hongii</i>						
Family Arionidae						
<i>Binneya notabilis</i>						
<i>Geomalacus maculosus</i>						
Family Endodontidae						
<i>Anguispira picta</i>						
<i>Discus defloratus</i>						
<i>Discus guerinianus</i>						
<i>Discus macclintocki</i>						
<i>Discus marmorensis</i>						
<i>Discus scutula</i>						
<i>Helicodiscus diadema</i>						
<i>Helicodiscus hexodon</i>						
<i>Thaumatodon hystricelloides</i>						
Family Limacidae						
<i>Malacolimax wiktori</i>						
Family Parmacellidae						
<i>Parmacella gervaisi</i>						
<i>Parmacella tenerifensis</i>						
Family Helicarionidae						
<i>Diastole matafaoi</i>						
Family Zonitidae						
<i>Glyphyalinia pecki</i>						
<i>Paravitrea clappi</i>						
<i>Vitrea pseudotrolli</i>						
	Flax Snail	V			New Zealand	
	Slug Snail	V			New Zealand	
	Kerry Slug	V			U.S.A.	
		V			Ireland, Spain, Portugal	
	Painted Snake-coiled Forest Snail	V			U.S.A.	
	Madeira Land Snail	V			Madeira (Portugal)	
	Iowa Pleistocene Snail	V			Madeira (Portugal)	
		E			U.S.A.	
		I			U.S.A.	
		R			Tenerife (Canary Is, Spain)	
		I			U.S.A.	
		I			U.S.A.	
		E			Western Samoa	
		V			Tenerife (Canary Is, Spain)	
		Ex			[France]	
		V			Tenerife (Canary Is, Spain)	
	Mount Matafao Different Snail	I			American Samoa	
		I			U.S.A.	
		I			U.S.A.	
		I			France	

Family Vitrinidae

Insulivitrina mascaensis
Insulivitrina reticulata

Family Polygyridae

Ashmunella pasonis
Mesodon archeri
Mesodon clarki nantahala
Mesodon clausus trossulus
Mesodon clenchi
Mesodon jonesianus
Mesodon magazinensis
Polygyra hippocrepis
Polygyra peregrina
Polygyruscus virginianus
Stenotrema hubrichti
Stenotrema leai cheatumi
Stenotrema pilsbryi
Triodopsis mullani magnidentata
Triodopsis occidentalis
Triodopsis platysayoides
Vespericola karokorum

R Tenerife (Canary Is, Spain)
E Tenerife (Canary Is, Spain)

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Archer's Toothed Land Snail

Noonday Snail

Banded Mesodon

Clench's Middle-toothed Land Snail

Jones' Middle-toothed Land Snail

Magazine Mountain Middle-toothed Snail

Strange Many-whorled Land Snail

Virginia Fringed Mountain Snail

Pilsbry's Narrow-apertured Land Snail

Western Three-toothed Land Snail

Flat-spined Three-toothed Snail

Karok Indian Snail

Yate's Snail

Family Ammonitellidae

Ammonitella yatesi

Family Camaenidae

Papustyla pulcherrima

Family Oreohelicidae

Oreohelix awalonensis

R Papua New Guinea

I U.S.A.

<i>Oreohelix idahoensis idahoensis</i>	Idaho Banded Mountain Snail	V	U.S.A.
<i>Oreohelix jugalis intersum</i>	Yoked Ended Banded Mountain Snail	R	U.S.A.
<i>Oreohelix jugalis jugalis</i>	Vortex Banded Mountain Snail	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>	Vortex Banded Mountain Snail	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>	Cape Mendocino Snail	I	U.S.A.
<i>Helminthoglypta arrosa miwoka</i>	Dented Peninsula Snail	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>		I	U.S.A.
<i>Helminthoglypta nickliniana bridgesi</i>	Nicklin's Peninsula Snail	I	U.S.A.
<i>Helminthoglypta nickliniana contracosta</i>		I	U.S.A.
<i>Helminthoglypta sequoicola consors</i>		I	U.S.A.
<i>Helminthoglypta traski coelata</i>		I	U.S.A.
<i>Helminthoglypta walkeriana</i>		I	U.S.A.
<i>Micrarionta facta</i>	Banded Dune Snail	V	U.S.A.
<i>Micrarionta feralis</i>	Concentrated Snail	V	U.S.A.
<i>Micrarionta gabbi</i>	Fraternal Snail	I	U.S.A.
<i>Micrarionta immaculata</i>	Gabb's Snail	I	U.S.A.
<i>Micrarionta indiaensis cathedralis</i>	Cathedral Snail	I	U.S.A.
<i>Micrarionta intercis</i>	Horseshoe Snail	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>	Wreathed Island Snail	I	U.S.A.

Micrarionta rowelli bakerensis
Micrarionta rowelli mccoiana
Monadenia circumcarinata
Monadenia fidelis minor
Monadenia fidelis pronotis
Monadenia hillebrandi yosemitensis
Monadenia hirsutis
Monadenia monbritoni
Monadenia mormonum buttoni
Monadenia mormonum hirsuta
Monadenia setosci
Monadenia setosa
Monadenia troglodytes
Sonorella eremita
Sonorella metcalfi

Family Hygromiidae

Canariella fortunata
Canariella leprosa
Canariella pthonera

Family Helicidae

Caseolus calculus
Caseolus commixta
Caseolus sphaerula
Cyrantheba corsica
Discula leacockiana
Discula tabellata
Discula testudinalis
Discula turricula
Geomitra moniziana
Helix pomatia

California McCoy Snail

Rocky Coast Snail
Indian Yosemite Snail

Trinity Bristle Snail

Madeiran Land Snail
Madeiran Land Snail
Madeiran Land Snail

Madeiran Land Snail
Madeiran Land Snail
Madeiran Land Snail
Cima Discula
Madeiran Land Snail
Roman Snail

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V Tenerife (Canary Is, Spain)
V Tenerife (Canary Is, Spain)
V Tenerife (Canary Is, Spain)

V Madeira (Portugal)
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V Madeira (Portugal)
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V Madeira (Portugal)
R Europe

Helix subplicata
Helix tryoni
Hemicycla adansoni
Hemicycla inutilis
Hemicycla mascaensis
Hemicycla modesta
Hemicycla plicaria
Hemicycla pouchet
Macularia saintyvesi
Trissexodon constrictus
Xerotricha nubivaga

Madeiran Land Snail

V Madeira (Portugal)

I U.S.A.

V Tenerife (Canary Is, Spain)

V Tenerife (Canary Is, Spain)

E Tenerife (Canary Is, Spain)

E Tenerife (Canary Is, Spain)

E Tenerife (Canary Is, Spain)

V Tenerife (Canary Is, Spain)

V France

I France

R Tenerife (Canary Is, Spain)

Family Elonidae

Elona quimperiana

Escargot de Quimper

R France, Spain

Phylum ANNELIDA

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 Komarekionidae

Komarekiona eatoni

V U.S.A.

Earthworm

Family Lutodrilidae

Lutodrilus multivesiculatus

R U.S.A.

Family Microchaetidae

Microchaetus (33 species)

Tritogenia (5 species)

South African Giant Earthworm
South African Giant Earthworm

V South Africa
V South Africa

Family Megascolecidae

Megascolides americanus

Megascolides australis

Megascolides maclei/freshi

E U.S.A.
V Australia
E U.S.A.

Washington Giant Earthworm
Giant Gippsland Earthworm
Oregon Giant Earthworm

Family Acanthodrilidae

Chilota (13 species)

Diploctrema (16 species)

Microcolex (9 species)

Udeina (59 species)

Southern African Acanthodriline Earthworms
Southern African Acanthodriline Earthworms
Southern African Acanthodriline Earthworms
Southern African Acanthodriline Earthworms

V South Africa
V South Africa
V Lesotho, South Africa
V Lesotho, South Africa

Phylum ARTHROPODA
Subphylum CHELICERATA

Class MEROSTOMATA

Order XIPHOSURA

Family Limulidae

*Carcinoscorpius rotundicauda**Limulus polyphemus**Tachypileus gigas**Tachypileus tridentatus*

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

Horseshoe Crabs

Class ARACHNIDA

Order ARANEAE

Family Theraphosidae

Brachypelma smithi

Red-kneed Tarantula

K Mexico

Family Dipluridae

*Macrothele calpeiana**Macrothele cretica*

V Spain, Morocco
I Crete (Greece)

Family Ctenizidae

Cyclocosmia torreya

Torreya Trap-door Spider

I U.S.A.

Family Telemidae

Telema (whole genus)

Santa Cruz Teleman Spider

I U.S.A.

Family Eresidae

Eresus niger

Ladybird Spider

I Europe

Family Linyphiidae

Troglohyphantes gracilis

Kocevje Subterranean Spider

R Yugoslavia

Troglohyphantes similis
Troglohyphantes spinipes

Family Araneidae
Meta dolloff

Family Gnaphosidae
Cesonia irvingi

Family Lycosidae
Adelocosa anops
Lycosa ericeticola
Pardosa diuturna
Sosippus placidus

Family Asauridae
Dolomedes plantarius

Order PSEUDOSCORPIONIDA
Family Neobisiidae
Microcreagris imperialis

Order OPILIONES
Family Phalangodidae
Banksula melones

Kocevje Subterranean Spider
Kocevje Subterranean Spider

Dolloff Cave Spider

Key Gnaphosid Spider

No-eyed Big-eyed Wolf Spider
Rosemary Wolf Spider
Glacier Bay Wolf Spider
Lake Placid Funnel Wolf Spider

Great Raft Spider

Empire Cave Pseudoscorpion

Melones Cave Harvestman

R Yugoslavia
R Yugoslavia

I U.S.A.

I Bahamas, U.S.A.

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

V Northern Europe

I U.S.A.

V U.S.A.

Subphylum CRUSTACEA

Class CRUSTACEA

Order ANASPIDACEA

Family Anaspidae

- Allanaspides helonomus*
Allanaspides hickmani
Anaspides spinulæ
Anaspides tasmaniae
Paranaspides lacustris

- Tasmanian Anaspid Crustacean
Tasmanian Anaspid Crustacean
Tasmanian Anaspid Crustacean
Tasmanian Anaspid Crustacean
Tasmanian Anaspid Crustacean

- V Tasmania
V Tasmania
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V Tasmania

Family Koonungidae

- Koonunga cursor*
Micraspides calmani

- R Tasmania, Australia
R Tasmania

Family Psammaspidae

- Eucrenonaspides oinotheke*

- V Tasmania

Order THORACICA

Family Balanidae

- Armatobalanus nefrens*
Balanus aquila

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

Order ANOSTRACA

Family Branchinectidae

- Branchinecta gigas*
Branchinecta paludosa

- I Giant Fairy Shrimp
R Fairy Shrimp
R Western North America
R Czechoslovakia

Order ISOPODA

Family Sphaeromatidae

- Thermosphaeroma dugesi*
- Thermosphaeroma milleri*
- Thermosphaeroma smithi*
- Thermosphaeroma subequalum*
- Thermosphaeroma thermophilum*

Socorro Isopod

- K Mexico
- K Mexico
- K Mexico
- K Mexico
- E U.S.A.

Family Trichoniscidae

- Metatrachoniscoides celticus*

- V U.K.

Family Cirolanidae

- Antrolana lira*
- Arubolana imula*
- Mexilana saluposi*
- Speocirolana affinis*
- Speocirolana interstitialis*
- Speocirolana thermydromis*

Madison Cave Isopod

- V U.S.A.
- I Netherlands
- K Mexico
- K Mexico
- K Mexico
- K Mexico

Family Armadillidae

- Echinodillo cavaticus*

- I Tasmania

Family Asellidae

- Caecidotea barri*
- Caecidotea macropoda*
- Caecidotea nickajackensis*
- Lirceus culveri*
- Lirceus usdagalun*

Clifton Cave Isopod

Bat Cave Isopod

Nickajack Cave Isopod

Rye Cove Cave Isopod

Lee County Cave Isopod

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

Family Stenasellidae

- Mexistenasellus coahuila*

- I Mexico

<i>Mexistenasellus parzefalli</i>	Parzefall's Stenasellid	R	Mexico
<i>Mexistenasellus wilkeni</i>	Wilken's Stenasellid	R	Mexico
Family Styloniscidae			
<i>Styloniscus</i> sp.		I	Tasmania
Family Scyphacidae			
<i>Haloniscus searlei</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
Order AMPHIPODA			
Family Crangonyctidae			
<i>Allocrangonyx hubrichti</i>	Central Missouri Cave Amphipod	I	U.S.A.
<i>Allocrangonyx pellicidus</i>	Oklahoma Cave Amphipod	I	U.S.A.
<i>Crangonyx dearolffi</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 mundas</i>	Bath County Cave Amphipod	I	U.S.A.
<i>Stygobromus nortoni</i>	Norton's Cave Amphipod	I	U.S.A.
<i>Stygobromus onondagaensis</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 Gammaridae			
<i>Gammarus acheronytes</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 hyalieoides</i>	Diminutive Amphipod	I	U.S.A.
<i>Gammarus pecos</i>	Pecos Amphipod	I	U.S.A.
Family Orchestiidae			
<i>Spelastorchestia koloana</i>	Kauai Cave Amphipod	I	Hawaii (U.S.A.)
Order DECAPODA			
Family Astacidae			
<i>Astacus astacus</i>	Noble Crayfish	V	Europe
<i>Austropotamobius pallipes</i>	White-clawed Crayfish	R	Europe
<i>Austropotamobius torrentium</i>		K	Europe
<i>Pacifastacus fortis</i>		V	U.S.A.
<i>Pacifastacus nigrescens</i>	Shasta Crayfish	Ex?	U.S.A.
Family Atyidae			
<i>Palaeomonias alabamæ</i>	Alabama Cave Shrimp	I	U.S.A.
<i>Syncaris pacifica</i>	California Freshwater Shrimp	E	U.S.A.
<i>Typhlatya monae</i>	Mona Cave Shrimp	I	Puerto Rico
Family Artemidae			
<i>Artemia monica</i>	Mono Lake Brine Shrimp	I	U.S.A.
Family Parastacidae			
<i>Astacoides madagascariensis</i>	Madagascar Freshwater Crayfish	I	Madagascar
<i>Astacopsis franklinii</i>	Giant Freshwater Crayfish	I	Tasmania
<i>Astacopsis gouldi</i>		V	Tasmania
<i>Cherax crassimanus</i>		R	West Australia

Engaewa subcoerulea

Family Coenobitidae

Birgus latro

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 lepiclocdactylus

Family Palaemonidae

Palaemonetes antrorum

Palaemonetes cummingsi

Family Palinuridae

Anulirus argus

Jasus edwardsii

Panulirus guttatus

Panulirus penicillatus

Family Pinnotheridae

Parapinnixa affinis

R West Australia

R Indo-Pacific

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I U.S.A.

V U.S.A.

CT Caribbean

CT New Zealand

CT Caribbean

CT Indo-Pacific

K U.S.A.

Coconut Crab

Big South Fork Crayfish

Greensboro Burrowing Crayfish

New River Riffle Crayfish

Chickamanga Crayfish

Obey Crayfish

Louisville Crayfish

Nashville Crayfish

Orlando Cave Crayfish

Pee Dee Idic Crayfish

Texas Cave Shrimp

Florida Cave Shrimp

Spiny Lobster

Rock Lobster

Spotted Spiny Lobster

Spiny Lobster

California Bay Pea Crab

Crustaceans

Family Nephropidae

Homarus americanus

Homarus gammarus

Nephrops norvegicus

American Lobster

European Lobster

Norway Lobster

CT North Atlantic

CT North-east Atlantic

CT North-east Atlantic

INSECTS

Subphylum UNIRAMIA

Class INSECTA

Order THYSANURA

Family Machilidae

Machiloides heteropus

Machiloides perkinsi

Hawaiian Long-palp Bristletail
Perkin's Club-palp Bristletail

I Hawaii (U.S.A.)
I Hawaii (U.S.A.)

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 Mayfly

Ex [U.S.A.]
I U.S.A.
I U.S.A.
R Australia

Family Baetidae

Heterocleon berneri

Berner's Two-winged Mayfly

I U.S.A.

Family Oligoneuridae

Homoeoneuria cahabensis

Homoeoneuria dolani

Cahaba Sand-filtering Mayfly
Blackwater Sand-filtering Mayfly

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

Family Heptageniidae <i>Pseudirion meridionalis</i>	Meridion Blackwater Mayfly	I	U.S.A.
Family Behningiidae <i>Dolania americana</i>	American Sand-burrowing Mayfly	I	U.S.A.
Family Ephemeridae <i>Ephemera compar</i> <i>Ephemera triplex</i> <i>Pantagenia robusta</i>	Colorado Burrowing Mayfly West Virginia Burrowing Mayfly Robust Burrowing Mayfly	I I Ex	U.S.A. U.S.A. [U.S.A.]
Family Ephemerellidae <i>Ceratella frisoni</i> <i>Ceratella spiculosa</i> <i>Ephemerella argo</i>	Frison's Mayfly Spiculose Mayfly Argo Mayfly	I I I	U.S.A. U.S.A. U.S.A.
Family Caenidae <i>Brachyercus flavus</i>	Yellow Mayfly	I	U.S.A.
Order ODONATA Family Amphipterygidae <i>Amphipteryx agrioides</i>		I	Belize, El Salvador, Guatemala, Honduras, Mexico
Family Calopterygidae <i>Calopteryx angustipennis</i> <i>Calopteryx syriaca</i> <i>Hetaerina rudis</i>		I E I	U.S.A. Jordan, Syria, Turkey Guatemala, Mexico
Family Chlorolestidae <i>Chlorolestes draconicus</i>		R	South Africa

Ecchlorolestes nylephtha
Ecchlorolestes perengueyi
Phylolestes ethelae

Family Megapodagrionidae

Amanipodagrion gilliesi
Heteragrion eboratum
Heteragrion tricellulare
Hypolestes clara
Hypolestes trinitatis
Paraphlebia zoe
Thaumatoneura inopinata

Family Hemiphlebiidae

Hemiphlebia mirabilis

Family Coenagrionidae

Aciagrion rarum
Argiagrion leoninum
Argiocnemis solitaria
Argiocnemis umbargae
Ceriagrion mourae
Coenagrion hylas freyi
Coenagrion mercuriale
Enallagma camerunense
Enallagma polychromaticum
Enallagma recurvatum
Ischnura gemina
Megalagrion adytum
Megalagrion amaurodytum fallax
Megalagrion amaurodytum peles

E South Africa
 E South Africa
 V Dominican Republic

E Tanzania
 I Guatemala, Honduras
 I Guatemala, Mexico
 I Jamaica
 I Cuba
 I Mexico
 I Costa Rica, Panama

E Australia

I Angola
 I Sierra Leone
 E Mauritius
 I Cameroon
 I Mozambique
 E Austria, F.R.G., Switzerland
 V Europe
 I Tropical Africa
 I South Africa
 V U.S.A.
 E U.S.A.
 I Hawaii (U.S.A.)
 I Hawaii (U.S.A.)
 I Hawaii (U.S.A.)

Frey's Damselfly
 Southern Damselfly

Barrens Bluet Damselfly
 San Francisco Forktail Damselfly
 Adytum Damselfly
 Fallax Damselfly
 Pele Damselfly

<i>Megalagrion amaurodytium waianaeae</i>	Waianae Damselfly	I	Hawaii (U.S.A.)
<i>Megalagrion jugorum</i>	Jugorum Melagrion Damselfly	Ex?	Hawaii (U.S.A.)
<i>Megalagrion leptodemas</i>	Leptodemas Damselfly	I	Hawaii (U.S.A.)
<i>Megalagrion nigrohamatum</i>	Nigrohamatum Damselfly	I	Hawaii (U.S.A.)
<i>Megalagrion nigrolineatum</i>	Blackline Damselfly	I	Hawaii (U.S.A.)
<i>Megalagrion oahense</i>	Oahu Damselfly	I	Hawaii (U.S.A.)
<i>Megalagrion oceanicum</i>	Oceanic Damselfly	I	Hawaii (U.S.A.)
<i>Megalagrion pacificum</i>	Pacific Damselfly	E	Hawaii (U.S.A.)
<i>Megalagrion xanthomelas</i>	Orange-black Damselfly	I	Hawaii (U.S.A.)
<i>Mortonagrion hirosei</i>		E	Japan
<i>Nehalennia pallidula</i>		V	U.S.A.
<i>Pseudagrion quadriculatum</i>		K	Zaire
<i>Seychellibasis alluaudi alluaudi</i>		E	Seychelles
Family Platycnemididae			
<i>Metacnemis angusta</i>		I	South Africa
<i>Platycnemis mauriciana</i>		E	Mauritius
Family Platystictidae			
<i>Palaemnema chiriquireta</i>		I	Costa Rica
<i>Palaemnema gigantea</i>		I	Costa Rica
<i>Palaemnema melanota</i>		I	Costa Rica
<i>Palaemnema paulicoba</i>		I	Mexico
<i>Palaemnema reventazoni</i>		I	Costa Rica
Family Protoneuridae			
<i>Nososticta pilbara</i>		R	Australia
Family Pseudostigmatidae			
<i>Mecistogaster asticta</i>		V	Brazil
<i>Mecistogaster pronoti</i>		V	Brazil

Family Epiophlebiidae
Epiophlebia laidlawi

Relict Himalayan Dragonfly

V

India, Nepal

Family Aeshnidae

- Acanthaeshna victoria*
- Aeshna meruensis*
- Aeshna persephone*
- Aeshna viridis*
- Aeshna williamsoniana*
- Cephalaeschna acutifrons*

K Australia
R Tanzania
R U.S.A.
I Europe to Siberia
I Mexico
V India

Family Gomphidae

- Anitodogomphus hodgkini*
- Arigomphus maxwelli*
- Burmogomphus sivalikensis*
- Cornigomphus guineensis*
- Diaphlebia pallidistylus*
- Epigomphus camelus*
- Epigomphus clavatus*
- Epigomphus crepidus*
- Epigomphus paulsoni*
- Epigomphus subsimilis*
- Epigomphus verticornis*
- Eretogomphus lampropeltis*
- Gomphurus consanguis*
- Gomphurus lynnae*
- Gomphurus modestus*
- Gomphurus ozarkensis*
- Gomphus diminutus*
- Gomphus flavipes*
- Gomphus graslini*
- Gomphus hodgesi*

R Australia
R U.S.A.
V India
I Tropical Africa
I Costa Rica
I Costa Rica
I Guatemala
I Mexico
I Mexico
I Costa Rica
I Costa Rica
I U.S.A.
R U.S.A.
R U.S.A.
R U.S.A.
R U.S.A.
R U.S.A.
V North Palaeartic
R France, Spain
R U.S.A.

Cherokee Clubtail Dragonfly

Gulf Clubtail

Diminutive Clubtail

Hodges' Clubtail

<i>Gomphus sandrius</i>					
<i>Gomphus septima</i>					
<i>Hylagogomphus carolinus</i>					
<i>Hylagogomphus geminatus</i>					
<i>Hylagogomphus parvidens</i>					
<i>Ictinogomphus dobsoni</i>					
<i>Isomma hieroglyphicum</i>					
<i>Onychogomphus assimilis</i>					
<i>Onychogomphus macrodon</i>					
<i>Ophiogomphus acuminatus</i>					
<i>Ophiogomphus anomalus</i>					
<i>Ophiogomphus cecilia</i>					
<i>Ophiogomphus edmundo</i>					
<i>Ophiogomphus howei</i>					
<i>Ophiogomphus incurvatus</i>					
<i>Ophiogomphus incurvatus alleghaniensis</i>					
<i>Paragomphus sinaiticus</i>					
<i>Progomphus bellei</i>					
<i>Progomphus risi</i>					
<i>Stylurus potulentus</i>					
<i>Stylurus townesi</i>					
Family Neopetaliidae					
<i>Archipetalia auriculata</i>					
Family Petaluridae					
<i>Petalura pulcherrima</i>					
Family Cordulegasteridae					
<i>Cordulegaster mzymtae</i>					
Tennessee Clubtail Dragonfly	I				U.S.A.
Septima's Clubtail Dragonfly	R				U.S.A.
Sandhills Clubtail Dragonfly	K				U.S.A.
Twin-Striped Clubtail	R				U.S.A.
	R				U.S.A.
	R				Australia
	I				Madagascar
	R				Turkey, U.S.S.R.
	E				Israel, Jordan, Turkey
	R				U.S.A.
	V				Eastern North America
	E				Europe to Siberia
	Ex?				U.S.A.
	V				U.S.A.
	R				U.S.A.
	I				U.S.A.
	R				Egypt, Niger
	R				U.S.A.
	I				Mexico
	V				U.S.A.
	R				U.S.A.
	I				Tasmania
	K				Australia
	E				Turkey, U.S.S.R.
Grune Keijjungter					
Edmund's Snaketail Dragonfly					
Howe's Midget Snaketail Dragonfly					
Alleghany Snaketail Dragonfly					
Belle's Sand Clubtail					
Yellow-sided Clubtail					
Bronze Clubtail Dragonfly					

Zoraena scyi

Florida Spiketail Dragonfly

U.S.A.

E

Family Corduliidae

Antipodochlora braueri

Austrocordulia territoria

Libellulosoma minuta

Macromia margarita

Macromia splendens

Macromia wabashensis

Neurocordulia clara

Oxygastra curtisii

Somatochlora brevicincta

Somatochlora calverti

Somatochlora hineana

Somatochlora incurvata

Somatochlora margarita

Somatochlora ozarkensis

Synthemiopsis gomphomacromioides

Williamsonia lintneri

Family Libellulidae

Aethiothemis watuliki

Allorhizucha campioni

Anectothemis apicalis

Brachythemis fuscopalliatata

Brachythemis libertiensis

Congothemis longistyla

Eleuthemis beutikoferi quadrigutta

Leucorrhinia albifrons

Leucorrhinia caudalis

Libellula angelina

Libellula jesseana

Shining Macromia Dragonfly
Wabash Belted Skimmer Dragonfly
Apalichicola Twilite Skimmer Dragonfly
Orange-spotted Emerald

Calverts' Emerald
Ohio Emerald Dragonfly

Big Thicket Emerald Dragonfly

Banded Bog Skimmer Dragonfly

New Zealand

Australia

Madagascar

U.S.A.

France, Portugal, Spain

U.S.A.

U.S.A.

North Africa, West Europe

Canada

U.S.A.

U.S.A.

Eastern North America

U.S.A.

U.S.A.

Tasmania

U.S.A.

Congo

Sierra Leone

Tropical Africa

Israel, Turkey, Iraq

Guinea-Bissau

Zaire

Mozambique, Zimbabwe

Europe, West Siberia

Europe, West Siberia

Japan

U.S.A.

Purple Chaser

V Angola, Zambia
 R Japan
 V South Africa
 I Gabon
 Ex? St Helena
 I Eq. Guinea
 I Principe
 V South Africa
 K Eastern Arabia

I Puerto Rico

E Spain

V U.S.A.

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.

Tuna Cave Roach

Mount St. Helens' Grylloblattid

Kelso Jerusalem Cricket
 Port Conception Jerusalem Cricket
 Herekopare Island Weta
 Poor Knights Weta
 Wetapunga
 Stephens Island Weta
 Coachella Valley Jerusalem Cricket

Monardthemis flava
Orthetrum poecilops miyajimaense
Orthetrum rubens
Palpopleura albifrons
Sympetrum dilatatum
Trithemis hartwigi
Trithemis nigra
Urothemis luciana
Urothemis thomasi

Order BLATTARIA

Family Blattidae

Aspiduchus cavernicola

Order MANTODEA

Family Mantidae

Apteromantis aptera

Order GRYLLOBLATTARIA

Family Grylloblattidae

Grylloblatta chirurgica

Order ORTHOPTERA

Family Stenopelmatidae

Ammopelmatius kelsoensis
Ammopelmatius miwu
Deinacrida carinata
Deinacrida fallai
Deinacrida heteracantha
Deinacrida rugosa
Deinacrida tibiospina
Stenopelmatius cahuiltaensis

Stenopelmatus navajo

Family Rhaphidophoridae

Dahinihaenetes arizonensis

Macrobaenetes kelsoensis

Macrobaenetes vulgum

Pristoceuthophilus sp.

Tasmanoplectron isolatum

Utahaenetes tanneri

Navajo Jerusalem Cricket

I U.S.A.

Arizona Giant Sand Treader Cricket

I U.S.A.

Kelso Giant Sand Treader Cricket

I U.S.A.

Coachella Giant Sand Treader Cricket

I U.S.A.

Samwell Cave Cricket

I Tasmania

Tanner's Black Camel Cricket

I U.S.A.

Family Tettigoniidae

Baetica ustulata

Banza nihoa

Belocephalus micanopy

Belocephalus sleighti

Conocephaloides remotus

Idiostatus middlekaufi

Neduba extincta

Neduba longipennis

Saga pedo

Nihoa Banza Conehead Katydid

V Spain

Big Pine Key Conehead Katydid

I Hawaii (U.S.A.)

Keys Short-winged Conehead Katydid

I U.S.A.

Remote Conehead Katydid

I Hawaii (U.S.A.)

Middlekauf's Shieldback Katydid

I U.S.A.

Antioch Dunes Shieldback Katydid

Ex [U.S.A.]

Santa Monica Shieldback Katydid

I U.S.A.

Predatory Bush Cricket

V Southern Europe

Family Gryllotalpidae

Gryllotalpa major

Prairie Mole Cricket

I U.S.A.

Family Gryllidae

Caconemobius howarthi

Caconemobius schauinslandi

Caconemobius varius

Cycloptilum irregularis

Leptogryllus deceptor

Oecanthus laricis

Thaumatogryllus cavicola

Howarth's Cave Cricket

I Hawaii (U.S.A.)

Schauinsland's Bush Cricket

I Hawaii (U.S.A.)

Kaumana Cave Cricket

I Hawaii (U.S.A.)

Keys Scaly Cricket

I U.S.A.

Oahu Deceptor Bush Cricket

I Hawaii (U.S.A.)

Laricis Tree Cricket

I U.S.A.

Volcanoes Cave Cricket

I Hawaii (U.S.A.)

<i>Thaumatogryllus variegatus</i>	Kauai Thin-footed Bush Cricket	I	Hawaii (U.S.A.)
Family Eumastacidae			
<i>Eumorsea pinaleno</i>	Pinaleno Monkey Grasshopper	I	U.S.A.
<i>Psychomastix deserticola</i>	Desert Monkey Grasshopper	I	U.S.A.
Family Acrididae			
<i>Acrolophitus pulchellus</i>	Idaho Point-headed Grasshopper	I	U.S.A.
<i>Appalachia arcana</i>	Michigan Bog Grasshopper	I	U.S.A.
<i>Calliptamus bairdii</i>		I	Tasmania
<i>Chloaeltis aspasma</i>	Siskiyou Chloaeltis Grasshopper	I	U.S.A.
<i>Spharagemon superbum</i>		I	U.S.A.
Family Tetrigidae			
<i>Tetrix sierrana</i>	Sierra Pygmy Grasshopper	I	U.S.A.
<i>Tettigidea empedonepia</i>	Torreya Pygmy Grasshopper	I	U.S.A.
Order PHASMATOPTERA			
Family Phasmatidae			
<i>Dryococelus australis</i>	Lord Howe Island Stick-insect	Ex	[Lord Howe I. (Australia)]
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 lacustra</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 georgiana</i>	Georgia Stonefly	I	U.S.A.
<i>Beloneuria jamesae</i>	Cheaha 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>	Otway Stonefly	E	Australia
<i>Eusthenia reticulata</i>		I	Tasmania
Family Gripopterygidae			
<i>Leptoperla cacuminis</i>	Mount Kosciusko Wingless Stonefly	R	Australia
<i>Riekoperla darlingtoni</i>	Mount Donna Buang Wingless Stonefly	R	Australia

Order ZORAPTERA

Family Zorotypidae

Zorotypus swezeyi

I Hawaii (U.S.A.)

Order ANOPLURA

Family Haematopinidae

Haematopinus oliveri

Pygmy Hog Sucking Louse

E India

Order HEMIPTERA

Family Belastomatidae

Belostoma saratogae

Saratoga Springs Bug

I U.S.A.

Family Naucoridae

Ambrysus amargosus

Pelocoris shoshone

Ash Meadows Bug

Amargosa Bug

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

Family Mesoveliidae

Cavaticovelia aaa

Aaa Water Treader Bug

I U.S.A.

Family Macroveliidae

Oravelia pege

Dry Creek Cliff Strider Bug

I U.S.A.

Family Miridae

Cyrtopeltis phyllostegiae

Kalania hawaiiensis

Phyllostegian Leaf Bug

Lanai Leaf Bug

I Hawaii (U.S.A.)
I Hawaii (U.S.A.)

Family Reduviidae

Empicoris pulchrus

Nesidiolestes ana

Nesidiolestes insularis

Nesidiolestes roberti

Pulchrus Thread Bug

Ana Wingless Thread Bug

Mount Tantalus Wingless Thread Bug

Robert's Wingless Thread Bug

I Hawaii (U.S.A.)
I Hawaii (U.S.A.)
I Hawaii (U.S.A.)
I Hawaii (U.S.A.)

<i>Nesidiolestes selitum</i>				Hawaii (U.S.A.)
<i>Stacella smithi</i>		Selium Wingless Thread Bug		Hawaii (U.S.A.)
Family Lygaeidae				
<i>Metrarga obscura</i>	I	Mauna Loa Seed Bug		Hawaii (U.S.A.)
<i>Neseis alternatus</i>	I	Kauai Band-legged Seed Bug		Hawaii (U.S.A.)
<i>Neseis haleakalae</i>	I	Mount Haleakala Seed Bug		Hawaii (U.S.A.)
<i>Nesocryptas villosa</i>	I	Villosan Flightless Seed Bug		Hawaii (U.S.A.)
<i>Nysius frigitensis</i>	I	French Frigate Shoal Seed Bug		Hawaii (U.S.A.)
<i>Nysius neckerensis</i>	I	Necker Goosefoot Seed Bug		Hawaii (U.S.A.)
<i>Nysius nihoae</i>	I	Nihoae Seed Bug		Hawaii (U.S.A.)
<i>Nysius sulfusus</i>	I	Necker Bunchgrass Seed Bug		Hawaii (U.S.A.)
<i>Oceanides bryani</i>	I	Bryan's Seed Bug		Hawaii (U.S.A.)
<i>Oceanides perkensi</i>	I	Perkin's Oceanides Seed Bug		Hawaii (U.S.A.)
<i>Oceanides rugosiceps</i>	I	Rough-headed Seed Bug		Hawaii (U.S.A.)
Family Rhopalidae				
<i>Ithamar annectans</i>	I	Annectans Bug		Hawaii (U.S.A.)
<i>Ithamar hawaiiense</i>	I	Hawaiian Bug		Hawaii (U.S.A.)
Order HOMOPTERA				
Family Cixiidae				
<i>Oliarus consimilis</i>	I	Kauai Parti-coloured Planthopper		Hawaii (U.S.A.)
<i>Oliarus discrepans</i>	I	Wild Cotton Planthopper		Hawaii (U.S.A.)
<i>Oliarus lanaiensis</i>	I	Lanai Planthopper		Hawaii (U.S.A.)
<i>Oliarus lihue</i>	I	Lihue Planthopper		Hawaii (U.S.A.)
<i>Oliarus myoporicola</i>	I	Barber's Point Planthopper		Hawaii (U.S.A.)
Family Delphacidae				
<i>Nesorestias filicicola</i>	I	Mt Tantalus Shortwing Fern Planthopper		Hawaii (U.S.A.)
<i>Nesosydne acuta</i>	I	Iao Valley Planthopper		Hawaii (U.S.A.)
<i>Nesosydne bridwelli</i>	I	Bridwell's Planthopper		Hawaii (U.S.A.)

<i>Nesosydne cyrtandrae</i>			
<i>Nesosydne cyrtandricola</i>			
<i>Nesosydne kuschei</i>			
<i>Nesosydne leahi</i>			
<i>Nesosydne longipes</i>			
<i>Nesosydne sulcata</i>			
Family Cicadidae			
<i>Magiccada cassini</i>	V	U.S.A.	
<i>Magiccada septendecim</i>	V	Canada	
<i>Magiccada septendecula</i>	V	U.S.A.	
Family Tettigarctidae			
<i>Tettigarcta tormentosa</i>	I	Tasmania	
Family Cicadellidae			
<i>Felexamia rubranura</i>	I	U.S.A.	
Family Aphididae			
<i>Ceriferella leucopogonis</i>	I	Tasmania	
Family Pseudococcidae			
<i>Claviccoccus erinaceus</i>	Ex	[Hawaii (U.S.A.)]	
<i>Phyllococcus oahuensis</i>	Ex	[Hawaii (U.S.A.)]	
Order NEUROPTERA			
Family Ithonidae			
<i>Oliarces clara</i>	I	Hawaii (U.S.A.), U.S.A.	
Family Mantispidae			
<i>Mantispa styriaca</i>	K	South & Central Europe	

Family Hemerobiidae

Nesohauma halakalae
Pseudopsectra cookeorum
Pseudopsectra lobipennis
Pseudopsectra swezeyi
Pseudopsectra usingeri

Haleakala Spongillafly
Cooke's Spongillafly
Lobe-wing Spongillafly
Swezey's Spongillafly
Usinger's Spongillafly

I Hawaii (U.S.A.)
I Hawaii (U.S.A.)
I Hawaii (U.S.A.)
I Hawaii (U.S.A.)
I Hawaii (U.S.A.)

Family Ascalaphidae

Libelloides libelloides
Libelloides macaronius

K Europe
K Europe

Family Myrmeleontidae

Acanthaclisis occitanica
Dendroleon pantherinus
Distoleon tetragrammicus
Eidoleon perjurus
Myrmeleon formicarius

K Europe
K Europe
K Europe
I Hawaii (U.S.A.)
K Europe

Molokai Antlion

Order COLEOPTERA

Family Carabidae

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

Beller's Ground Beetle
Caterpillar Searcher
Blue Ground Beetle
Delta Green Ground Beetle
Ghost Walker Beetle
Schaum's Blue Ridge Ground Beetle

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

Family Cicindelidae

Cicindela arenicola

Idaho Dunes Tiger Beetle

I U.S.A.

<i>Cicindela cazieri</i>				
<i>Cicindela chlorocephala smythi</i>				U.S.A.
<i>Cicindela columbica</i>				U.S.A.
<i>Cicindela dorsalis dorsalis</i>				U.S.A.
<i>Cicindela latesignata obliviosa</i>				U.S.A.
<i>Cicindela limbata albissima</i>				U.S.A.
<i>Cicindela marginata</i>				U.S.A.
<i>Cicindela marginipennis</i>				U.S.A.
<i>Cicindela nevadica olmosa</i>				U.S.A.
<i>Cicindela nigrocoerulea subtropica</i>				U.S.A.
<i>Cicindela obsoleta neojuvenalis</i>				U.S.A.
<i>Cicindela puritana</i>				U.S.A.
<i>Cicindela tranquebarica viridissima</i>				U.S.A.
Family Haliplidae				
<i>Brychius hungerfordi</i>				U.S.A.
<i>Haliphus nitens</i>				U.S.A.
Family Dytiscidae				
<i>Agabus rumpfi</i>				U.S.A.
<i>Desmopachria conchramis</i>				U.S.A.
<i>Dytiscus latissimus</i>				North & Central Europe, Siberia
<i>Graphoderus bilineatus</i>				Central & West Europe
<i>Haideoporus texanus</i>				U.S.A.
<i>Hydroporus elusivus</i>				U.S.A.
<i>Hydroporus folkerti</i>				U.S.A.
<i>Hydroporus hirsutus</i>				U.S.A.
<i>Hydroporus leechi</i>				U.S.A.
<i>Hydroporus spangleri</i>				U.S.A.
<i>Hydroporus sulphurius</i>				U.S.A.
<i>Hydroporus utahensis</i>				U.S.A.
<i>Hygrotus artus</i>				U.S.A.
<i>Cazier's Tiger Beetle</i>	I			
<i>Smyth's Tiger Beetle</i>	I			
<i>Columbia River Tiger Beetle</i>	E			
<i>North-eastern Beach Tiger Beetle</i>	I			
<i>Oblivious Tiger Beetle</i>	I			
<i>Coral Pink Dunes Tiger Beetle</i>	I			
<i>Tiger Beetle</i>	I			
<i>Cobblestone Tiger Beetle</i>	I			
<i>Los Olmos Tiger Beetle</i>	I			
<i>Subtropical Blue-Black Tiger Beetle</i>	I			
<i>Neojuvenile Tiger Beetle</i>	I			
<i>Puritan Tiger Beetle</i>	I			
<i>Greenest Tiger Beetle</i>	I			
<i>Hungerford's Crawling Water Beetle</i>	I			
<i>Disjunct Crawling Water Beetle</i>	I			
<i>Death Valley Agabus Diving Beetle</i>	I			
<i>Fig Seed Diving Beetle</i>	I			
<i>Texas Cave Beetle</i>	E			
<i>Elusive Diving Beetle</i>	I			
<i>Folkert's Diving Beetle</i>	I			
<i>Woolly Diving Beetle</i>	I			
<i>Leech's Skyline Diving Beetle</i>	I			
<i>Spangler's Diving Beetle</i>	I			
<i>Sulphur Springs Diving beetle</i>	I			
<i>Utah Diving Beetle</i>	I			
<i>Mono Lake Diving Beetle</i>	Ex?			

Hygrotus curvipes
Hygrotus diversipes
Hygrotus fontinalis
Hygrotus sylvanus

Curved-foot Diving Beetle
 Narrow-foot Diving Beetle
 Travertine Band-thigh Diving Beetle
 Sylvan Diving Beetle

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Family Gyrinidae
Spanglerogyrus albiventris

Red Hills Unique Whirligig Beetle

I U.S.A.

Family Hydraenidae
Cymnothebius maurenae
Hydraena maurenae
Limnebius aridus
Limnebius texanus
Limnebius utahensis
Ochthebius crassalus
Ochthebius putnamensis
Ochthebius reticulatus

Maureen's Minute Moss Beetle
 Maureen's Moss Beetle
 Animas Minute Moss Beetle
 Texas Minute Moss Beetle
 Utah Minute Moss Beetle
 Wing-shoulder Minute Moss Beetle
 Indiana Minute Moss Beetle
 Wilbur Springs Minute Moss Beetle

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Family Leioidae
Glacicavicola bathysciodes

Blind Cave Beetle

I U.S.A.

Family Silphidae
Nicrophorus americanus

American Burying Beetle

E Eastern North America

Family Hydrophilidae

Chaetarthria leechi
Chaetarthria utahensis
Cymbiodytia arizonica
Hydrochara rickseckeri
Paracymus seclusus

Leech's Water Scavenger Beetle
 Utah Water Scavenger Beetle
 Arizona Water Scavenger Beetle
 Ricksecker's Water Scavenger Beetle
 Seclusive Water Scavenger Beetle

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Family Lucanidae			
<i>Apterocyclus honoluluis</i>		E	Hawaii (U.S.A.)
<i>Dorcus auriculatus</i>		V	New Zealand
<i>Dorcus ithaginis</i>		V	New Zealand
Family Trogidae			
<i>Trox howelli</i>	Caracara Commensal Scarab Beetle	V	U.S.A.
Family Geotrupidae			
<i>Typhaeus hiosius</i>		V	Sardinia (Italy)
Family Scarabaeidae			
<i>Aegialia concinna</i>	Ciervo Scarab Beetle	I	U.S.A.
<i>Aegialia crescenta</i>	Crescent Dune Scarab Beetle	I	U.S.A.
<i>Aegialia haroyi</i>	Hardy's Scarab Beetle	I	U.S.A.
<i>Aegialia magnifica</i>	Large Scarab Beetle	I	U.S.A.
<i>Anomala exigua</i>	Exiguous Scarab Beetle	I	U.S.A.
<i>Anomala eximia</i>	Archbold Scarab Beetle	I	U.S.A.
<i>Anomala tibialis</i>	Tibial Scarab Beetle	I	U.S.A.
<i>Aphodius fordi</i>	Ford's Beetle	I	U.S.A.
<i>Aphodius troglodytes</i>	Tortoise Commensal Scarab Beetle	I	U.S.A.
<i>Ataenius superficialis</i>	Big Pine Key Dung Beetle	V	U.S.A.
<i>Ataenius woodruffi</i>	Woodruff's Dung Beetle	E	U.S.A.
<i>Copris gopheri</i>	Tortoise Commensal Scarab Beetle	I	U.S.A.
<i>Cyclocephala miamiensis</i>	Miami Roundhead Scarab Beetle	I	U.S.A.
<i>Dynastes hercules</i>	Hercules Beetle	V	Caribbean & N. South America
<i>Dynastes hercules glaseri</i>	Hercules Beetle	K	Trinidad & Tobago
<i>Dynastes hercules hercules</i>	Hercules Beetle	V	Dominica, Guadeloupe
<i>Dynastes hercules reidi</i>	Kelso Dune Scarab Beetle	V	Martinique, St Lucia
<i>Glaresis arenata</i>	Spiny Florida Sandhill Scarab Beetle	I	U.S.A.
<i>Gronocarus multispinosus</i>		I	U.S.A.
Family Geotrupidae			
<i>Typhaeus hiosius</i>		V	Sardinia (Italy)

Lichnanthe albopilosa
Lichnanthe ursina
Mycotrupes pedester
Onthophagus furacatus
Onthophagus polyphemi
Oryctes chevrolati
Osmoderma eremita
Pelotrupes youngi
Polylamina pubescens
Polyphylla anteronivea
Polyphylla auitata
Polyphylla barbata
Polyphylla nubila
Prodontria lewisi
Pseudocotalpa giulianii
Serica frosti
Serica tantula
Trigonopelastes floridana

White Sand Bear Scarab Beetle
Pacific Sand Bear Scarab Beetle
Scrub Island Burrowing Scarab Beetle
Tortoise Commensal Scarab Beetle
Hermit Beetle
Ocala Burrowing Scarab Beetle
Woody Gulf Dune Scarab Beetle
Saline Valley Snow-front Scarab
Spotted Warner Valley Dunes Scarab
Barbate Scarab Beetle
Atacodera Scarab Beetle
Cromwell Chafer
Giuliani's Dune Scarab Beetle
Frost's Spring Scarab Beetle
Tantula Scarab Beetle
Scrub Palmetto Flower Scarab Beetle

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V New Zealand
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Family Buprestidae
Buprestis splendens

E Europe

Family Elmidae

Atractelmis wawona
Cylloepus parkeri
Dubiraphia brunnescens
Dubiraphia giulianii
Dubiraphia parva
Dubiraphia robusta
Heterelmis stephani
Huleechius marroni carolus
Microcylloepus browni

Wawawona Rifle Beetle
Parker's Rifle Beetle
Brownish Rifle Beetle
Giuliani's Rifle Beetle
Little Rifle Beetle
Robust Rifle Beetle
Stephan's Rifle Beetle
Marron's San Carlos Rifle Beetle
Brown's Rifle Beetle

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Optoseruus browni
Optoseruus canus
Optoseruus phaeus
Stenelmis calida calida
Stenelmis calida moapa
Stenelmis douglasensis
Stenelmis gammoni
Zaitzeva thermanae

Brown's Riffle Beetle
Pinnacles Riffle Beetle
Scott Riffle Beetle
Devil's Hole Warm Spring Riffle Beetle
Moapa Warm Springs Riffle Beetle
Douglas Riffle Beetle
Gammon's Riffle Beetle
Warm Spring Riffle Beetle

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Family Psephenidae

Acneus beeri
Acneus burnelli
Alabamaubria starki
Dicranopselaphus variegatus
Psephenus arizonensis
Psephenus montanus

Beer's False Water Penny Beetle
Burnell's False Water Penny Beetle
Stark's False Water Penny Beetle
Variegated False Water Penny Beetle
Arizona Water Penny Beetle
White Mountains Water Penny Beetle

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Family Elateridae

Amychus candezei
Amychus granulatus
Eanus hatchi
Eopenithes (17 species)
Itodacnus spp.

Hatch's Click Beetle
Hawaiian Click Beetles
Necker Click Beetles

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Chatham Is, New Zealand
New Zealand
Canada, U.S.A.
Hawaii (U.S.A.)
Hawaii (U.S.A.)

Family Eucnemidae

Paleoxenus dohmi

Dohrn's Elegant Eucnemid Beetle

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Family Lampyridae

Micronaspis floridana
Photuris brunnipennis floridana

Florida Intertidal Firefly
Everglades Browing Firefly

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Family Anobiidae

Holcobius pikoensis

Pilko Anobiid Beetle

I Hawaii (U.S.A.)

Family Cucujidae

Cucujus cinnaberinus

Scharlachkafer

E Northern & Central Europe

Family Tenebrionidae

Coelus globosus

Globose Dune Beetle

I Mexico, U.S.A.

Coelus gracilis

San Joaquin Dune Beetle

I U.S.A.

Polposipus herculeanus

Frigate Isl. Giant Tenebrionid Beetle

R Seychelles

Family Meloidae

Lytta hoppingi

Hopping's Blister Beetle

I U.S.A.

Lytta inseperata

Mojave Desert Blister Beetle

I U.S.A.

Lytta mirifica

Anthony Blister Beetle

I Mexico, U.S.A.

Lytta moesta

Moestan Blister Beetle

I U.S.A.

Lytta molesta

Molestan Blister Beetle

I U.S.A.

Lytta morrisoni

Morrison's Blister Beetle

I U.S.A.

Family Anthicidae

Anthicus antiochensis

Antioch Dunes Beetle

I U.S.A.

Anthicus sacramento

Sacramento Beetle

I U.S.A.

Family Cerambycidae

Aeschrithmysus dubautianus

Hawaii (U.S.A.)

Aeschrithmysus swezeyi

Hawaii (U.S.A.)

Aeschrithmysus terryi

Hawaii (U.S.A.)

Cerambyx cerdo

Cerambyx Longicorn

E Central & Northern Europe

Crossidius mojavenensis

Mojave Rabbitbrush Longhorn Beetle

E U.S.A.

Desmocerus californicus dimorphus

Valley Elderberry Longhorn Beetle

V U.S.A.

Dryobius semnotatus

Six-banded Longhorn Beetle

I U.S.A.

<i>Macrodonia cervicornis</i>				
<i>Morimus funereus</i>				
<i>Necydalis rudei</i>		Rude's Longhorn Beetle		
<i>Nesithmysus bridwelli</i>				
<i>Nesithmysus frobesi</i>				
<i>Nesithmysus haasi</i>				
<i>Nesithmysus swezeyi</i>				
<i>Plagithmysus</i> (49 species)				
<i>Rosalia alpina</i>		Rosalia Longicorn		
<i>Xylotoles costatus</i>				
Family Chrysomelidae				
<i>Donacia idola</i>	I	Bog Idol Leaf Beetle		U.S.A.
Family Aglycyderidae				
<i>Proterhinus</i> (72 species)	E	Hawaiian Proterlinus Beetles		Hawaii (U.S.A.)
Family Curculionidae				
<i>Anagotus fairburni</i>	V	Flax Weevil		New Zealand
<i>Anagotus turbotti</i>	V	Turbott's Weevil		New Zealand
<i>Deinocossonus nesiotes</i>	E	Oahu Nesiotes Weevil		Hawaii (U.S.A.)
<i>Dryophthorus distinguendus</i>	Ex			[Hawaii (U.S.A.)]
<i>Dryotribus mimeticus</i>	Ex			[Hawaii (U.S.A.)]
<i>Dysticheus rotundicollis</i>	I	Antioch Dune Weevil		U.S.A.
<i>Gynnopholus lichenifer</i>	V	Lichen Weevil		Papua New Guinea
<i>Hadrampus spinipennis</i>	V			Chatham Is (New Zealand)
<i>Hadrampus stilbocarpae</i>	V			New Zealand
<i>Hadrampus tuberculatus</i>	V			New Zealand
<i>Heterampus filicum</i>	E			Hawaii (U.S.A.)
<i>Heteraxis seticostatus</i>	V			New Zealand
<i>Lyperobius huttoni</i>	V			New Zealand
<i>Macrancylus linearis</i>	Ex	Speargrass Weevil		[Hawaii (U.S.A.)]

<i>Megacolabus sculpturatus</i>	V	New Zealand
<i>Microcryptorhynchus orientissimus</i>	R	Henderson I. (Pitcairn)
<i>Miloderes nelsoni</i>	I	U.S.A.
<i>Miloderes rutileni</i>	I	U.S.A.
<i>Nesotocus giffordi</i>	I	Hawaii (U.S.A.)
<i>Nesotocus kauaiensis</i>	I	Hawaii (U.S.A.)
<i>Nesotocus munroi</i>	I	Hawaii (U.S.A.)
<i>Nothaldonis peaci</i>	E	New Zealand
<i>Oclandius laeviusculus</i>	V	New Zealand
<i>Oedemasyllus laysanensis</i>	Ex	[Hawaii (U.S.A.)]
<i>Onchobarus langei</i>	I	U.S.A.
<i>Oodemas</i> (whole genus)	I	Hawaii (U.S.A.)
<i>Pentarthrum blackburni</i>	Ex?	Hawaii (U.S.A.)
<i>Pentarthrum obscura</i>	I	Hawaii (U.S.A.)
<i>Pentarthrum pritchardias</i>	E	Hawaii (U.S.A.)
<i>Rhyncogonus</i> (22 species)	E	Hawaii (U.S.A.)
<i>Rhyncogonus hendersoni</i>	R	Henderson I. (Pitcairn)
<i>Stenotrupis pritchardiae</i>	I	Hawaii (U.S.A.)
<i>Trigonoscuta brunnotesselata</i>	I	U.S.A.
<i>Trigonoscuta dorothea dorothea</i>	I	U.S.A.
<i>Trigonoscuta doyeri</i>	I	U.S.A.
<i>Trigonoscuta rossi</i>	Ex?	U.S.A.
<i>Trigonoscuta yorbalindae</i>	Ex?	U.S.A.
<i>Unas piceus</i>	V	New Zealand
Order MECOPTERA		
Family Arteropanorpidae		
<i>Apteropanorpa tasmanica</i>	I	Tasmania
Order DIPTERA		
Family Psychodidae		
<i>Nemopalpus nearcticus</i>	I	U.S.A.
<i>Sugarfoot Moth fly</i>		

Family Mycetophilidae			
<i>Arachnocampa tasmaniensis</i>	I	Tasmania	
Family Blepharoceridae			
<i>Edwardsina gigantea</i>	E	Australia	
<i>Edwardsina tasmaniensis</i>	E	Tasmania	
		Giant Torrent Midge	
		Tasmanian Torrent Midge	
Family Tabanidae			
<i>Apatalestea rossi</i>	I	U.S.A.	
<i>Asaphomyia floridensis</i>	I	U.S.A.	
<i>Asaphomyia texanus</i>	I	U.S.A.	
<i>Brennania belkini</i>	E	Mexico, U.S.A.	
<i>Merycomyia brunnea</i>	I	U.S.A.	
<i>Stonemyia volutina</i>	Ex	[U.S.A.]	
		Ross's Apatalestes Tabanid Fly	
		Florida Asaphomyian Tabanid Fly	
		Texas Asaphomyian Tabanid Fly	
		Belkin's Dune Tabanid Fly	
		Brown Merycomyian Tabanid Fly	
		Volutine Stoneyian Tabanid Fly	
Family Acroceridae			
<i>Eulonchus marialiciae</i>	I	U.S.A.	
		Mary Alice's Small-headed Fly	
Family Asilidae			
<i>Cophura hurdi</i>	I	U.S.A.	
<i>Efferia antiochi</i>	I	U.S.A.	
<i>Metapogon hurdi</i>	I	U.S.A.	
		Antioch Robberfly	
		Antioch Robberfly	
		Hurd's Robberfly	
Family Apiocertidae			
<i>Raphiomydas triochilus</i>	I	U.S.A.	
		Valley Mydas Fly	
Family Empididae			
<i>Chersodromia hawaiiensis</i>	I	Hawaii (U.S.A.)	
		Hawaiian Dance Fly	
Family Dolichopodidae			
<i>Campicnemus mirabilis</i>	Ex	[Hawaii (U.S.A.)]	

Family Syrphidae
Mixogaster delongi

I U.S.A.

Delong's Flower Fly

Family Asteiidae
Bryania bipunctata

I Hawaii (U.S.A.)

Nihoa Two-spotted Asterid Fly

Family Drosophilidae
Drosophila lanaiensis

Ex [Hawaii (U.S.A.)]

Family Ephydriidae
Paracoenia calida

I U.S.A.

Wilber Springs Shore Fly

Order TRICHOPTERA

Family Rhyacophilidae

Rhyacophila alexandra

I U.S.A.

Alexander's Caddisfly

Rhyacophila amabilis

Ex [U.S.A.]

Castle Lake Caddisfly

Rhyacophila colonus

I U.S.A.

O'Brien Caddisfly

Rhyacophila fenderi

I U.S.A.

Fender's Caddisfly

Rhyacophila haddocki

I U.S.A.

Haddock's Caddisfly

Rhyacophila lineata

I U.S.A.

Castle Crags Caddisfly

Rhyacophila mosana

I U.S.A.

Bilobed Caddisfly

Rhyacophila spinata

I U.S.A.

Spiny Caddisfly

Rhyacophila unipunctata

I U.S.A.

One-spot Caddisfly

Family Glossosomatidae

Agapetus artesus

I U.S.A.

Artesian Caddisfly

Agapetus denningi

I U.S.A.

Denning's Caddisfly

Agapetus medicus

I U.S.A.

Arkansas Caddisfly

Protoptila arca

I U.S.A.

San Marcos Caddisfly

Family Hydrotilidae*Hydroptila decia**Neotrichia kitae**Ochrotrichia alsea**Ochrotrichia contorta**Ochrotrichia phenosa**Ochrotrichia provosti**Ochrotrichia vertreesi**Oxyethira florida*

Knoxville Micro Caddisfly
 Kite's Micro Caddisfly
 Alsea Micro Caddisfly
 Contorted Micro Caddisfly
 Deschutes Micro Caddisfly
 Provost's Micro Caddisfly
 Vertree's Micro Caddisfly
 Florida Micro Caddisfly

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Family Philopotamidae*Dolophilodes oregona*

Oregon Caddisfly

I U.S.A.

Family Stenopsychidae*Stenopsychodes lineata*

I Tasmania

Family Polycentropidae*Tasmanoplegas spilota*

I Tasmania

Family Limnephilidae*Apatania tavala**Archaeophylax vernalis**Cryptochia excella**Cryptochia neosa**Ecclisomyia bilera**Farula davisi**Farula jewetti**Farula reaperi**Glyphopsyche missouri**Limnephilus alconura**Limnephilus atercus*

Cascades Caddisfly

Kings Canyon Caddisfly
 Blue Mountains Caddisfly
 King's Creek Caddisfly
 Green Springs Mountain Caddisfly
 Mount Hood Caddisfly
 Tombstone Prairie Caddisfly
 Missouri Caddisfly
 Klamath Caddisfly
 Fort Dick Caddisfly

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<i>Neothramma andersoni</i>		I	U.S.A.
<i>Oligophlebodes masibento</i>	Colombian Gorge Caddisfly	I	U.S.A.
<i>Philocasca oron</i>	Tombstone Prairie Oligophlebodes	I	U.S.A.
<i>Triænodes tridonata</i>	Clatsop Caddisfly	I	U.S.A.
	Three-tooth Caddisfly	Ex	[U.S.A.]
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 mccubbini</i>		I	Tasmania
<i>Taskropsyche lacustris</i>		I	Tasmania
Family Plectrotarsidae			
<i>Nanoptetrus truchnasi</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>	Florida Longhorn Caddisfly	I	U.S.A.
<i>Ceraclea vertreesi</i>	Vertree's Caddisfly	I	U.S.A.
<i>Oecetis parva</i>	Little Longhorn Caddisfly	I	U.S.A.
<i>Triænodes phalacris</i>	Athens Caddisfly	Ex	[U.S.A.]
<i>Westriplectes pedderensis</i>		I	Tasmania

Order LEPIDOPTERA

Family Hepialidae

Leto venus

Zelotypia stacyi

Family Nepticulidae

Ectodemia castaneae

Ectodemia phleophaga

Family Tischeriidae

Tischeria perplexa

Family Gracillariidae

Petrochroa neckerensis

Phildoria wilkesiella

Family Coleophoridae

Coleophora leucochrysellae

Family Gelechiidae

Kiwaia jeanae

Family Carposinidae

Heterocrossa viridis

Family Argyresthiidae

Argyresthia castaneella

Family Sesiidae

Synanthedon castaneae

V South Africa

V Australia

Ex? U.S.A.

Ex? U.S.A.

Ex? U.S.A.

I Hawaii (U.S.A.)

E Hawaii (U.S.A.)

Ex? U.S.A.

V New Zealand

I Hawaii (U.S.A.)

Ex? U.S.A.

I U.S.A.

Silver Spotted Ghost Moth

Bent Wing Swift Moth

American Chestnut Moth

Phleophagan Chestnut Moth

Chestnut Clearwing Moth

Necker Leaf-miner Moth

Green Carposinid Moth

Chestnut Ermine Moth

Chestnut Clearwing Moth

Family Tortricidae

- Grapholitha edwardsiana*
- Spheterista oheheana*
- Spheterista pterotropiana*
- Spheterista reynoldsiana*

- San Francisco Tree Lupine
- Ohe Ohe Leaf-roller Moth
- Green-Banded Ohe Ohe Leaf-roller Moth
- Wallupe Leaf-Roller Moth

- R U.S.A.
- I Hawaii (U.S.A.)
- I Hawaii (U.S.A.)
- I Hawaii (U.S.A.)

Family Cochyliidae

- Carolella busckana*

- Busk's Gall Moth

- I U.S.A.

Family Hesperiiidae

- Antipodia chaostola leucophaea*
- Cartocephalus palaemon*
- Dalla octomaculata*
- Epargyreus antaeus*
- Epargyreus spana*
- Euscheman rafflesia*
- Hesperia dacotae*
- Hesperia pawnee montana*
- Hesperilla mastersi marakupa*
- Kedestes barerae buntia*
- Kedestes chaca*
- Metisella syrinx*
- Oreisplanus munionga larana*
- Panoquina errans*
- Panoquina panoquinooides errans*
- Problema buienita*
- Pseudocopaodes eunus eunus*
- Syrichthus cribrellum*
- Syrichthus tessellum*
- Tsitana dicksoni*

- I Tasmania
- V Central & North Europe
- R Costa Rica, Panama
- R Jamaica
- R Dominican Republic
- K Australia
- E Canada, U.S.A.
- E U.S.A.
- I Tasmania
- V South Africa
- V South Africa
- V South Africa
- I Tasmania
- V Mexico, U.S.A.
- V Mexico, U.S.A.
- I U.S.A.
- I U.S.A.
- I Romania, S. U.S.S.R.
- K Balkans, S. U.S.S.R., Iran
- V South Africa

Family Megathymidae

Stallingsia maculosus

Family Papilionidae

Archon apollinaris

Atrophaneura atropos

Atrophaneura jophon

Atrophaneura luchtii

Atrophaneura palu

Atrophaneura schadenbergi

Baronia brevicornis

Battus zetides

Bhutanitis ludlowi

Bhutanitis mansfieldi

Bhutanitis thaidina

Eurytides iphitas

Eurytides lysithous harrisianus

Eurytides marcellinus

Graphium alebion chungianus

Graphium antiphates ceylonicus

Graphium aurivilliusi

Graphium epaminondas

Graphium idaeoides

Graphium levassori

Graphium meeki

Graphium megaera

Graphium mendana

Graphium procles

Graphium sandawanum

Graphium stresemanni

Luehdorfia chinensis

Maculated Manfreda Skipper

I U.S.A.

Sri Lankan Rose

R Turkey
I Palawan (Philippines)
V Sri Lanka
R Java (Indonesia)
K Sulawesi (Indonesia)
V Luzon (Philippines)
R Mexico
V Hispaniola
K Bhutan
R China
R China
V Brazil
E Brazil
V Jamaica
R Taiwan
V Sri Lanka
K Zaire

Short-horned Baronia

Zetides Swallowtail

Ludlow's Bhutan Swallowtail

Mansfield's Three-tailed Swallowtail

Chinese Three-tailed Swallowtail

Yellow Kite Swallowtail

Harris' Mimic Swallowtail

Jamaican Kite

Sri Lankan Five-bar Swordtail

Andamans Swordtail

Meek's Graphium

K Andaman Is (India)
K Philippines
V Comoro Is
R Bougainville, Solomon Is
I Palawan (Philippines)
R Bougainville, Solomon Is
I Sabah (Malaysia)
V Mindanao (Philippines)
R Moluccas (Indonesia)
K China

Chinese Luehdorfia

<i>Luehdorfia japonica</i>	Japanese Luehdorfia	I	Japan, Taiwan
<i>Ornithoptera aesacus</i>	Queen Alexandra's Birdwing	I	Moluccas (Indonesia)
<i>Ornithoptera alexandrae</i>	Chimaera Birdwing	E	Papua New Guinea
<i>Ornithoptera chimaera</i>		I	New Guinea
<i>Ornithoptera croesus</i>		V	Moluccas (Indonesia)
<i>Ornithoptera meridionalis</i>	Paradise Birdwing	V	New Guinea
<i>Ornithoptera paradisea</i>	Rothschild's Birdwing	I	New Guinea
<i>Ornithoptera rothschildi</i>		I	Irian Jaya (Indonesia)
<i>Ornithoptera tithonus</i>		K	Irian Jaya (Indonesia)
<i>Papilio acheron</i>	African Giant Swallowtail	R	Sabah, Sarawak (Malaysia)
<i>Papilio antimachus</i>	Schaus' Swallowtail	R	Central & West Africa
<i>Papilio aristodemus ponceanus</i>		E	U.S.A.
<i>Papilio aristophontes</i>	Scarce Haitian Swallowtail	I	Comoro Is
<i>Papilio aristor</i>		I	Hispaniola
<i>Papilio benguetanus</i>		V	Luzon (Philippines)
<i>Papilio caiguanabus</i>	Poey's Black Swallowtail	I	Cuba
<i>Papilio carolinensis</i>		V	Mindanao (Philippines)
<i>Papilio chikae</i>	Taita Blue-banded Papilio	E	Luzon (Philippines)
<i>Papilio desmondi teita</i>		E	Kenya
<i>Papilio esperanza</i>		V	Mexico
<i>Papilio garleppi</i>		K	South America
<i>Papilio groesmithi</i>		R	Madagascar
<i>Papilio himeros</i>	Homerus Swallowtail	V	Argentina, Brazil
<i>Papilio homerus</i>	Corsican Swallowtail	E	Jamaica
<i>Papilio hospiton</i>	Jordan's Swallowtail	E	Corsica, Sardinia (Italy)
<i>Papilio jordani</i>	Cream-banded Swallowtail	R	Sulawesi (Indonesia)
<i>Papilio leucotaenia</i>		V	Burundi, Rwanda, Uganda
<i>Papilio mangoura</i>		R	Madagascar
<i>Papilio manlius</i>		I	Mauritius
<i>Papilio maraho</i>		V	Taiwan
<i>Papilio maroni</i>		K	French Guiana
<i>Papilio moerleri</i>		V	Bismarck Arch. (Papua New Guinea)

<i>Papilio morondavana</i>	Madagascar	V
<i>Papilio neuwoegeni</i>	Lesser Sunda Is (Indonesia)	V
<i>Papilio osmana</i>	Philippines	V
<i>Papilio phorbanta</i>	Reunion	V
<i>Papilio phorbanta nana</i>	[Seychelles]	Ex
<i>Papilio sjoestedti</i>	Tanzania	R
<i>Papilio toboroi</i>	Bougainville, Solomon Is	R
<i>Papilio weymeri</i>	Bismarck Arch. (Papua New Guinea)	R
<i>Parides ascanius</i>	Brazil	V
<i>Parides burchellanus</i>	Brazil	V
<i>Parides coelus</i>	French Guiana	K
<i>Parides hahneli</i>	Brazil	R
<i>Parides klagesi</i>	Venezuela	K
<i>Parides pizarro</i>	Brazil, Peru	K
<i>Parides steinbachi</i>	Bolivia	K
<i>Parnassius apollo</i>	Europe & U.S.S.R. to China	R
<i>Parnassius apollo vinningensis</i>	F.R.G.	E
<i>Parnassius autocrator</i>	Afghanistan, Tadzhikistan	R
<i>Parnassius clodius shepardii</i>	U.S.A.	I
<i>Parnassius clodius strohbeeni</i>	[U.S.A.]	Ex
<i>Teinopalpus aureus</i>	China, Vietnam	K
<i>Teinopalpus imperialis</i>	India to China	R
<i>Troides aeacus kaguya</i>	Taiwan	E
<i>Troides andromache</i>	Sabah, Sarawak (Malaysia)	I
<i>Troides dohertyi</i>	Sulawesi (Indonesia)	V
<i>Troides prattorum</i>	Moluccas (Indonesia)	I
Family Pieridae		
<i>Artogeia virginiensis</i>	Canada, U.S.A.	I
<i>Belenois orygia</i>	South Africa	E
<i>Euchloe hyantis andrewsi</i>	U.S.A.	I
<i>Mylothris carcassoni</i>	Zimbabwe	R
Madagascan Emperor Swallowtail		
Papillon La Pature		
Kilimanjaro Swallowtail		
Fluminense Swallowtail		
Hahnel's Amazonian Swallowtail		
Apollo		
Shepard's Clodius Parnassian		
Strohbeen's Clodius Parnassian		
Golden Kaiser-I-Hind		
Kaiser-I-Hind		
Talaud Black Birdwing		
West Virginia White		
Andrew's Marble Butterfly		

Pieris krueperi devita

Family Lycaenidae

Alaena margaritacea
Aloeides caledoni
Aloeides dentatis
Aloeides egerides
Aloeides lutescens
Argyrocupha malagrida malagrida
Argyrocupha malagrida paarlensis
Callophrys mossii bayensis
Capys penningtoni
Chrysoritis cotrelli
Chrysoritis oreas
Chrysoritis zeuxo
Cyclyrius mandersi
Deloneura immaculata
Deloneura millari millari
Deudorix penningtoni
Deudorix vansoni
Durbania limbata
Erikssonia acraeina
Eumaeus atala florida
Everes comynitas texanus
Glaucopsyche lydamus palosverdesensis
Glaucopsyche xerces
Hemiarigus thomasi bethune-bakeri
Icaricia icarioides missionensis
Icaricia icarioides moroensis
Icaricia icarioides pheres
Lepidochrysops ariadne
Lepidochrysops bacchus

R India

V South Africa
V South Africa
R South Africa
V South Africa
V South Africa
V South Africa
V South Africa
E U.S.A.
E South Africa
I South Africa
I South Africa
I South Africa
I Mauritius
Ex? South Africa
V South Africa
V South Africa
V South Africa
V South Africa
R South Africa
V U.S.A.
Ex [U.S.A.]
Ex? U.S.A.
Ex [U.S.A.]
I U.S.A.
E U.S.A.
I U.S.A.
I U.S.A.
E South Africa
V South Africa

Lion's Head Copper
Lion's Head Copper
San Bruno Elfin

Drakensburg Copper

Millar's Buff

Florida Atala Hairstreak
Texas Tailed Blue
Palos Verdes Blue
Xerces Blue
Miami Blue Butterfly
Mission Blue
Moro Bay Blue
Pheres Blue
Wineland Blue

<i>Lepidochrysops hypopolia</i>			South Africa
<i>Lepidochrysops loewensteini</i>		V	South Africa
<i>Lepidochrysops lotana</i>		E	South Africa
<i>Lepidochrysops methymna dicksoni</i>		E	South Africa
<i>Lepidochrysops titei</i>		V	South Africa
<i>Lycæides argyrognomon lotis</i>	Lotis Blue	E	U.S.A.
<i>Lycæides melissa samuelis</i>	Karner Blue	I	U.S.A.
<i>Lycæna dispar</i>	Large Copper	E	Northern Europe
<i>Lycæna dorcas claytoni</i>	Clayton's Copper	I	U.S.A.
<i>Lycæna hermes</i>	Hermes Copper	I	Mexico, U.S.A.
<i>Maculinea alcon</i>	Alcon Large Blue	V	Europe, U.S.S.R.
<i>Maculinea arion</i>	Large Blue	V	Europe, 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	China, Japan, 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>Notarthrinus binghami</i>		R	India
<i>Oreolyce dohertyi</i>		R	India
<i>Ornipholidotos peuceetia penningtoni</i>	Naga Hedge Blue	I	Mozambique, South Africa
<i>Oxychaeta dicksoni</i>	White Mimic	E	South Africa
<i>Panchala ganesa loomisi</i>	Dickson's Copper	E	Japan
<i>Philotiella speciosa bohartorum</i>	Tailless Blue	I	U.S.A.
<i>Plebejus emigdioi</i>	Bohart's Blue	I	U.S.A.
<i>Plebejus icarioides missionensis</i>	San Emigdio Blue	E	U.S.A.
<i>Plebicula golgus</i>	Mission Blue	E	Spain
<i>Poecilmitis adonis</i>	Nevada Blue	V	South Africa
<i>Poecilmitis aureus</i>		I	South Africa
<i>Poecilmitis endymion</i>		V	South Africa
<i>Poecilmitis lyncurium</i>		V	South Africa
<i>Poecilmitis nigricans</i>		V	South Africa
	Tsomo River Copper		
	Blue Jewel Copper		

<i>Poecilmitis rileyi</i>		V	South Africa
<i>Pseudalmenus chlorinda chlorinda</i>		I	Tasmania
<i>Pseudalmenus chlorinda conara</i>		I	Tasmania
<i>Pseudolaus 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		Ex	[Mauritius]
<i>Libythea cinyras</i>			
Family Danaidae			
<i>Amauris comorana</i>		R	Comoro Is
<i>Amauris nossima</i>		R	Comoro Is, Madagascar
<i>Amauris phoedon</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 (Indonesia)
<i>Euploea blossomae</i>		R	Philippines

<i>Euploea caespes</i>	R	Indonesia
<i>Euploea configurata</i>	R	Sulawesi (Indonesia)
<i>Euploea cordelia</i>	R	Sulawesi (Indonesia)
<i>Euploea dentiplaga</i>	R	Indonesia
<i>Euploea doretta</i>	R	Bismarck Arch. (Papua New Guinea)
<i>Euploea eboraci</i>	R	Bismarck Arch. (Papua New Guinea)
<i>Euploea eupator</i>	R	Sulawesi (Indonesia)
<i>Euploea euphon</i>	R	Mauritius, Reunion, Rodrigues
<i>Euploea gamelia</i>	R	Java (Indonesia)
<i>Euploea lacon</i>	R	Bismarck Arch. (Papua new Guinea)
<i>Euploea latifasciata</i>	R	Sulawesi (Indonesia)
<i>Euploea magou</i>	R	Sulawesi (Indonesia)
<i>Euploea martinii</i>	R	Sumatra (Indonesia)
<i>Euploea mitra</i>	R	Sumatra (Indonesia)
<i>Euploea tobleri</i>	R	Seychelles
<i>Euploea tripunctata</i>	R	Philippines
<i>Idea electra</i>	R	Irian Jaya (Indonesia)
<i>Idea iasonia</i>	R	Philippines
<i>Idea malabarica</i>	R	Sri Lanka
<i>Idea tambusisiana</i>	R	India
<i>Ideopsis hewitsonii</i>	K	Sulawesi (Indonesia)
<i>Ideopsis klassika</i>	R	Irian Jaya (Indonesia)
<i>Ideopsis oberthurii</i>	R	Indonesia
<i>Parantica albata</i>	R	Indonesia
<i>Parantica clinias</i>	R	Java, Sumatra (Indonesia)
<i>Parantica crowleyi</i>	R	Bismarck Arch. (Papua New Guinea)
<i>Parantica dannatii</i>	R	Borneo
<i>Parantica davidi</i>	R	Philippines
<i>Parantica garamantis</i>	E	Philippines
<i>Parantica kirbyi</i>	R	Bougainville, Solomon Is
<i>Parantica kuekenihali</i>	K	New Guinea
<i>Parantica marcia</i>	R	Sulawesi (Indonesia)
	R	Irian Jaya (Indonesia)

Sulawesi Tree Nymph

<i>Parantica menadensis</i>	R	Sulawesi (Indonesia)
<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 (Indonesia)
<i>Parantica pumila</i>	R	New Caledonia
<i>Parantica rotundata</i>	R	Bismarck Arch. (Papua New Guinea)
<i>Parantica schoenigi</i>	R	Philippines
<i>Parantica sultawattan</i>	R	Sulawesi (Indonesia)
<i>Parantica taprobana</i>	R	Sri Lanka
<i>Parantica tityoides</i>	R	Sumatra (Indonesia)
<i>Parantica toxopei</i>	R	Sulawesi (Indonesia)
<i>Parantica wegneri</i>	R	Indonesia
<i>Parantica weiskei</i>	R	New Guinea
<i>Protoploea apatela</i>	R	New Guinea
<i>Tiradelphe schneideri</i>	R	Solomon Is.
<i>Tirumala euploeomorpha</i>	R	Solomon Is.
<i>Tirumala gautama</i>	R	Indochina, China, Malaysia
Family Satyridae		
<i>Coenonympha oedippus</i>	E	Europe & Northern Asia
<i>Erebia annada annada</i>	R	Bhutan, India
<i>Erebia christi</i>	V	Italy, Switzerland
<i>Erebia gorgone</i>	I	Pyrenees
<i>Erebia narasingha narasingha</i>	R	India
<i>Erebia ottomana</i>	R	Southern Europe
<i>Erebia scipio</i>	R	France, Italy
<i>Erebia sthenyyo</i>	R	France, Spain
<i>Erebia sudetica</i>	V	Europe
<i>Lethe distans</i>	R	Burma, India
<i>Lethe dura gammiei</i>	R	Bhutan, India
<i>False Ringlet</i>		
<i>Raetzer's Ringlet</i>		
<i>Gavarnie Ringlet</i>		
<i>Ottoman Brassy Ringlet</i>		
<i>Larche Ringlet</i>		
<i>False Dewy Ringlet</i>		
<i>Sudeten Ringlet</i>		
<i>Scarce Red Forester</i>		

<i>Lethe europa tamuna</i>			R	Nicobar (India)
<i>Lethe gemina gafuri</i>			R	India
<i>Lethe margaritae</i>			R	Bhutan, India
<i>Lethe ocellata lyncus</i>			R	Bhutan, India
<i>Lethe ramadeva</i>			R	Bhutan, Burma, India
<i>Lethe satyawati</i>			R	India
<i>Pararge menawa maeroides</i>			R	India
<i>Stygionympha dicksoni</i>	Dickson's Brown		V	South Africa
<i>Ypthima dohertyi persimilis</i>			R	Burma, India
Family Nymphalidae				
<i>Anaea floridalis</i>	Florida Leafwing		I	U.S.A.
<i>Antanartia borbonica</i>			I	Madagascar, Mauritius, Reunion
<i>Antanartia borbonica mauritiana</i>			E	Mauritius
<i>Apaturopsis kilusa</i>			R	Madagascar
<i>Apaturopsis paulitani</i>			R	Madagascar
<i>Apodemia normo langei</i>	Lange's Metalmark		E	U.S.A.
<i>Boloria acrocnema</i>	Uncompagre Fritillary Butterfly		V	U.S.A.
<i>Cercyonis sthenele sthenele</i>	Sthenele Wood Nymph		Ex	[U.S.A.]
<i>Charaxes cowani</i>			R	Madagascar
<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 (India)
<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>Euxanthie 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 cordacea compiena</i>				I	Tasmania
<i>Hypodryas maturna</i>	Scarce Fritillary			E	Northern Europe
<i>Hypolimnias antevorta</i>				V	Tanzania
<i>Hypolimnias dubius drucei</i>				I	Comoro Is, Madagascar, Mauritius
<i>Neptis decaryi</i>				R	Madagascar
<i>Neptis manasa</i>	Pale Hockeystick Sailer			R	China, India
<i>Neptis metella gratilla</i>				R	Madagascar
<i>Neptis nycteus</i>				R	Sikkim (India)
<i>Neptis sankara nar</i>				R	Andaman Is (India)
<i>Neptis sextilla</i>				I	Madagascar
<i>Phalanta philiberti</i>				E	Seychelles
<i>Phyciodes batesi</i>	Tawny Crescent Butterfly			I	U.S.A.
<i>Salamis angustina</i>	Salamis Retrecie			I	Madagascar, Mauritius
<i>Salamis angustina angustina</i>	Salamis Retrecie			I	Madagascar, Reunion
<i>Salamis angustina vinsoni</i>				Ex	[Mauritius]
<i>Sasakia charonda</i>	Smokey Eyed Brown Butterfly			I	Japan, Taiwan
<i>Satyroides eurydice fumosa</i>				I	U.S.A.
<i>Smerina manoro</i>				R	Madagascar
<i>Speyeria adiate atossa</i>	Atossa			Ex	[U.S.A.]
<i>Speyeria callippe callippe</i>	Callippe Silverspot			I	U.S.A.
<i>Speyeria hydaspes conquista</i>	Silverspot			I	U.S.A.

<i>Speyeria idalia</i>			
<i>Speyeria nokomis caerulea</i>			Canada, U.S.A.
<i>Speyeria nokomis nokomis</i>			Mexico, U.S.A.
<i>Speyeria zerene behrensii</i>			U.S.A.
<i>Speyeria zerene hippolyta</i>			U.S.A.
<i>Speyeria zerene myrtilae</i>			U.S.A.
Family Acraeidae			
<i>Acraea hova</i>			Madagascar
<i>Acraea sambavae</i>			Madagascar
Family Pyralidae			
<i>Hedylepta</i> (14 species)			
<i>Kupea electilis</i>			Hawaii (U.S.A.)
<i>Margaronia cyanomichla</i>			New Zealand
<i>Margaronia exaula</i>			Hawaii (U.S.A.)
<i>Oecoblia dryadopa</i>			Hawaii (U.S.A.)
Family Geometridae			
<i>Acalyphes philorites</i>			Tasmania
<i>Dirce aestodora</i>			Tasmania
<i>Dirce lunaris</i>			Tasmania
<i>Dirce oriplancta</i>			Tasmania
<i>Dirce solaris</i>			Tasmania
<i>Fletcherana ioxantha</i>			Hawaii (U.S.A.)
<i>Gnophos obscurata</i>			Austria, F.R.G.
<i>Scotorythra megalophylla</i>			Hawaii (U.S.A.)
<i>Scotorythra nesiotis</i>			Hawaii (U.S.A.)
<i>Scotorythra paratactis</i>			Hawaii (U.S.A.)
<i>Tritocleis microphylla</i>			Hawaii (U.S.A.)
Regal Fritillary	I		Canada, U.S.A.
Blue Silverspot	I		Mexico, U.S.A.
Great Basin Silverspot	I		U.S.A.
Behren's Silverspot	I		U.S.A.
Oregon Silverspot	V		U.S.A.
Myrtle's Fritillary	R		U.S.A.
	R		Madagascar
	R		Madagascar
Hedyleptan Moths	T		Hawaii (U.S.A.)
Blue Margaronian	V		New Zealand
Green Margaronian	I		Hawaii (U.S.A.)
Ohenaupaka Oeobian Moth	I		Hawaii (U.S.A.)
	I		Hawaii (U.S.A.)
Ioxantha Looper Moth	I		Tasmania
	I		Tasmania
	I		Tasmania
	I		Tasmania
	I		Tasmania
	I		Hawaii (U.S.A.)
	K		Austria, F.R.G.
	Ex?		Hawaii (U.S.A.)
	Ex?		Hawaii (U.S.A.)
	Ex?		Hawaii (U.S.A.)
	Ex?		Hawaii (U.S.A.)
Kona Giant Looper Moth			
Ko'olau Giant Looper Moth			
Hawaiian Hopseed Looper Moth			
Ola'a Peppered Looper Moth			

Family Lasiocampidae

Eriogaster catax
Phylloidesma ilicifolia

E Central & Southern Europe
V Central & North Europe to Japan

Family Saturniidae

Graellsia isabelae
Saturnia pyri

Spanish Moon Moth
Great Peacock Moth

V France, Spain
E Austria, Czechoslovakia, F.R.G.

Family Spbingidae

Celeris wilsoni perkinsi
Euproserpinus euterpe
Euproserpinus wiesti
Hyles hippophaes
Manduca blackburni
Proserpinus proserpina
Tinostoma smaragditiis

Kern Primrose Sphinx Moth
Prairie Sphinx Moth
Blackburn's Sphinx Moth
none known
Fabulous Green Sphinx of Kauai

E Hawaii (U.S.A.)
V U.S.A.
E U.S.A.
V Europe & U.S.S.R.
Ex? Hawaii (U.S.A.)
V Central & South Europe, Middle East
Ex? Hawaii (U.S.A.)

Family Noctuidae

Agrotis crinigera
Agrotis fasciata
Agrotis kerri
Agrotis laysanensis
Agrotis photophila
Agrotis procellaris
Catocala marmorata
Catocala pretiosa
Erythroecia hebaridi
Helicoverpa confusa
Helicoverpa minuta
Hydraecia petasitis
Hypena laysanensis

Poko Noctuid Moth
Midway Noctuid Moth
Kerr's Noctuid Moth
Laysan Noctuid Moth
Procellaris grotis Noctuid Moth
Marbled Underwing Moth
Precious Underwing Moth
Hebard's Noctuid Moth
Confused Moth
Minute Noctuid Moth
Laysan Dropseed Noctuid Moth

Ex? Hawaii (U.S.A.)
Ex [Hawaii (U.S.A.)]
Ex? Hawaii (U.S.A.)
Ex [Hawaii (U.S.A.)]
Ex [Hawaii (U.S.A.)]
Ex [Hawaii (U.S.A.)]
I U.S.A.
I U.S.A.
I U.S.A.
Ex? Hawaii (U.S.A.)
Ex [Hawaii (U.S.A.)]
E Austria, F.R.G.
Ex [Hawaii (U.S.A.)]

<i>Hypena neweili</i>	Hilo Noctuid Moth	Ex?	Hawaii (U.S.A.)
<i>Hypena plagiota</i>	Lovegrass Noctuid Moth	Ex?	Hawaii (U.S.A.)
<i>Hypena senicula</i>	Kaholuamano Noctuid Moth	Ex?	Hawaii (U.S.A.)
<i>Lithophane lemmeri</i>	Lemmer's Noctuid Moth	I	U.S.A.
<i>Peridroma porphyrea</i>		Ex	[Hawaii (U.S.A.)]
<i>Pyreferra ceromaticea</i>	Ceromatic Noctuid Moth	I	Canada, U.S.A.
Order HYMENOPTERA			
Family Eupelmidae			
<i>Eupelmus nihoaensis</i>	Nihoa Eupelmus Wasp	I	Hawaii (U.S.A.)
Family Bethyloidae			
<i>Sclerodermus nihoaensis</i>	Nihoa Sclerodermus Wasp	I	Hawaii (U.S.A.)
Family Mutillidae			
<i>Myrmosula pacifica</i>	Antioch Mutillid Wasp	I	U.S.A.
Family Formicidae			
<i>Anergates atratulus</i>	Sri Lankan Relict Ant	I	F.R.G., Switzerland, U.K.
<i>Aneuretus simoni</i>	Caucasian Relict Ant	K	Sri Lanka
<i>Aulacopone relicta</i>		K	Azerbaijan (U.S.S.R.)
<i>Camponotus aethiops</i>		I	F.R.G.
<i>Camponotus dalmanicus</i>		I	Switzerland
<i>Camponotus fallax</i>		I	F.R.G.
<i>Camponotus universitatis</i>		I	F.R.G., France
<i>Epimyrma groesswaldi</i>		I	Europe
<i>Epimyrma ravouxi</i>	Ravoux's Slavemaker Ant	R	Central & Southern Europe
<i>Formica aquilonia</i>		V	F.R.G.
<i>Formica lugubris</i>		V	F.R.G., Italy
<i>Formica polyctena</i>	European Red Wood Ant	V	F.R.G., Italy
<i>Formica rufa</i>	Red Wood Ant	V	Central Europe
<i>Formica transcaucasica</i>	Black Bog Ant	I	Northern Europe

<i>Formica uralensis</i>					
<i>Leptothorax goesswaldi</i>					F.R.G., Switzerland
<i>Myrmica bibikoffi</i>					Switzerland
<i>Myrmica slovaca</i>					Switzerland
<i>Nothomyrmecia macrops</i>					Australia
<i>Polyergus rufescens</i>					F.R.G.
Family Vespidae					
<i>Odynerus nihauensis</i>					Hawaii (U.S.A.)
<i>Odynerus soror</i>					Hawaii (U.S.A.)
Family Sphecidae					
<i>Deinomimesa hawaiiensis</i>					Hawaii (U.S.A.)
<i>Deinomimesa punae</i>					Hawaii (U.S.A.)
<i>Ectemnius curtipes</i>					Hawaii (U.S.A.)
<i>Ectemnius fulvicrus</i>					Hawaii (U.S.A.)
<i>Ectemnius giffardi</i>					Hawaii (U.S.A.)
<i>Ectemnius haleakalae</i>					Hawaii (U.S.A.)
<i>Ectemnius nesocrabo bidecoratus</i>					Hawaii (U.S.A.)
<i>Euoceris ruficeps</i>					U.S.A.
<i>Nesomimesa kauaiensis</i>					Hawaii (U.S.A.)
<i>Nesomimesa perkins</i>					Hawaii (U.S.A.)
<i>Nesomimesa sciopteryx</i>					Hawaii (U.S.A.)
<i>Philanthus nasalis</i>					U.S.A.
Family Colletidae					
<i>Nesoprotopis</i> (57 species)					Hawaii (U.S.A.)
Family Andrenidae					
<i>Perdita hirticeps luteocincta</i>					U.S.A.
<i>Perdita scitula antiochensis</i>					U.S.A.
		Goesswald's Inquiline Ant			
		Australian Ant			
		Niihau Vespid Wasp			
		Soror Vespid Wasp			
		Hawaiian Sphecicid Wasp			
		Puna Sphecicid Wasp			
		Short-foot Sphecicid Wasp			
		Brown Cross Sphecicid Wasp			
		Giffard's Sphecicid Wasp			
		Haleakala Sphecicid Wasp			
		Bidecoratus Sphecicid Wasp			
		Redheaded Sphecicid Wasp			
		Kauai Sphecicid Wasp			
		Shade-winged Sphecicid Wasp			
		Antioch Sphecicid Wasp			
		Yellow-faced Bee			
		Yellow Banded Andrenid Bee			
		Antioch Andrenid Bee			

Family Megachilidae
Chalicodoma pluto

Wallace's Giant Bee

K Moluccas (Indonesia)

Phylum ONYCHOPHORA

Class ONYCHOPHORA

Order ONYCHOPHORA

Family Peripatidae

Peripatus (10 genera)

V Equatorial Tropics

Family Peripatosidae

Peripatus (12 genera)

V Southern Hemisphere

Dendy (3 species)

I Tasmania

Euperipatoides sp. "*leuckarti*"

I Tasmania

Ooperipatellus insignis

I Tasmania

Phylum ECHINODERMATA

Class ECHINOIDA

Order ECHINOIDA

Family Echinidae

Echinus esculentus

European Edible Sea Urchin

K North-east Atlantic

Paracentrotus lividus

Purple Urchin

CT

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, over 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 1988 Red List, and new editions will be published on a regular basis.

Produced from the databases of the World 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 essay on the role of captive breeding in the conservation of species, prepared by Dr Nathan Flesness and Dr Tom Foose of the IUCN/SSC Captive Breeding Specialist Group. A guest essay is a regular feature of the IUCN Red Lists.

Whilst the length of the Red List makes depressing reading, the information it contains should be of fundamental value to conservationists.

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A contribution to GEMS – the Global Environment Monitoring System.



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