

1988 IUCN Red List of Threatened Animals



The IUCN Conservation Monitoring Centre

IUCN THREATENED SPECIES CATEGORIES

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

EXTINCT (Ex)

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

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

ENDANGERED (E)

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

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

VULNERABLE (V)

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

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

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

RARE (R)

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

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

INDETERMINATE (I)

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

INSUFFICIENTLY KNOWN (K)

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

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

THREATENED (T)

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

COMMERCIALLY THREATENED (CT)

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

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

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

ABBREVIATIONS

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

Order RODENTIA

Family Aplodontiidae

- Aplodontia rufa nigra*
- Aplodontia rufa phaea*

Family Sciuridae

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

Family Heteromyidae

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

Family Cricetidae

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

Family Muridae

- Batomys granti*
- Conilurus albiges*
- Leporillus apicalis*
- Leporillus conditor*
- Microtus breweri*
- Microtus californicus scirpensis*

Point Arena Mountain Beaver	I	California (U.S.A.)
Point Reyes Mountain Beaver	I	California (U.S.A.)
Utah Prairie Dog	V	U.S.A.
Vancouver Island Marmot	E	Canada
Menzbier's Marmot	V	U.S.S.R.
Delmarva Fox Squirrel	E	U.S.A.
Mountain Squirrel	K	Costa Rica, Panama
Texas Kangaroo Rat	R	Texas (U.S.A.)
San Quintin Kangaroo Rat	E	Baja California (Mexico)
Morro Bay Kangaroo Rat	E	California (U.S.A.)
Giant Kangaroo Rat	I	California (U.S.A.)
Fresno Kangaroo Rat	E	California (U.S.A.)
Tipton Kangaroo Rat	E	California (U.S.A.)
Stephens Kangaroo Rat	I	California (U.S.A.)
White-eared Pocket Mouse	V	California (U.S.A.)
Salinas Pocket Mouse	E	California (U.S.A.)
Los Angeles Pocket Mouse	E	California (U.S.A.)
San Joaquin Valley Woodrat	V	California (U.S.A.)
Bavarian Pine Vole	Ex	[F.R.G.]
Southern Marsh Harvest Mouse	V	California (U.S.A.)
Salt-marsh Harvest Mouse	E	California (U.S.A.)
Colorado River Cotton Rat	E	California (U.S.A.)
Point Reyes Jumping Mouse	I	California (U.S.A.)
Luzon Forest Rat	I	Philippines
Rabbit-eared Tree-rat	Ex	[Australia]
Lesser Stick-nest Rat	Ex	[Australia]
Greater Stick-nest Rat	R	Australia
Beach Vole	R	U.S.A.
Amargosa Vole	E	California (U.S.A.)