

FULL ACCOUNT FOR: Felis catus

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Mammalia	Carnivora	Felidae
Common name), domestic cat (Englisl auskatze (German), po		
Synonym				
Similar species				
Summary	Felis catus was domesticated in the eastern Mediterranean c. 3000 years age Considering the extent to which cats are valued as pets, it is not surprising that they have since been translocated by humans to almost all parts of the world. Notable predators, cats threaten native birdlife and other fauna, especially on islands where native species have evolved in relative isolation from predators.			
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Species Description

Felis catus is a small animal in the wild (up to 5kg, but more commonly 1.5 -3.0kg) but may be considerably heavier when domesticated. Colour is extremely variable in domesticated varieties and feral cats commonly revert to black, tabby or tortoiseshell with varying extents of white starting from the belly and breast.

Lifecycle Stages

Gestation: 65 days. Weaning: 35-40 days. Sexual maturity: 9 months.

Habitat Description

Feral cats adapt to a variety of habitat types and circumstances. On the Australian continent they inhabit forests and woodland habitats in eastern, western and northern parts of the country (Dickman 1996). On Hahajima Island, Japan, feral cats have been observed widely in various kinds of habitats, including primary forests (Kawakami and Higuchi 2002). On Macquarie Island, (a sub-Antarctic Australian island) most cats live in herbfield or tussock grassland (Brothers Skira and Copson 1985), showing an ability to adapt to difficult terrain. A study of the habitat use and diet of feral cats in a Mediterranean habitat in a riparian reserve in central California (Hall *et al.* 2000, in Brickner 2003) can probably reflect on the situation in other areas with similar climatic areas. Cats in the reserve seemed to strongly prefer staying in riparian habitat. Hall and collegues (2000) suggest that this habitat provides ample cover and perhaps a variety of prey, especially birds. Cats in the study foraged mostly in the adjacent fields and annual grasslands and, to a lesser extent, in the riparian habitat (in Brickner 2003).



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Reproduction

Domestic cats are intensive breeders, maybe due to the seasonal estrous cycle of the females, during which each female comes into heat several times until pregnancy or end of cycle (Gunther and Terkel 2002, in Brickner 2003). A female cat reaches reproductive maturity between 7 to 12 months of age can be in estrous as many as five times a year (Ogan and Jurek 1997, in Brickner 2003). The gestation period lasts 63 to 65 days (Nowak 1991, in Brickner 2003) and the average litter is four to six kittens (O'Donnell 2001, in Brickner 2003). Cats can reproduce any month of the year, where food and habitat is sufficient. An adult female may produce three litters per year (Fitzwater 1994, in Brickner 2003).

Nutrition

Male and female feral cat home ranges overlap (Say and Pontier 2004). The mean home range for feral cats in Hawaiian forests was 5.74km2 for males and 2.23km2 for females (Smucker *et al.* 2000). Australian studies have given mean home ranges of 7 to 28 hectares for domestic cats and up to 249.7 hectares for feral cats; while a New Zealand study posted home ranges of between 75 hectares and 985 hectares. Prey availability is a primary factor in determining home range size for feral cats (Edwards *et al.* 2001; Barratt 1997). Cat activity is bimodal, with peaks near dawn and dusk (Konecny 1987).

The diet of feral cats on islands may vary significantly to that of feral cats on the mainland, with cats often taking advantage of alternative food sources. On the tiny 28 hectare Herekopare Island, New Zealand, for example, there are no introduced or native species of mammals. Prior to elimination of feral cats there in 1970, fairy prion (see Pachyptila turtur in IUCN Red List of Threatened Species) comprised the bulk of the diet with other sea birds and occasional land birds making up most of the remainder (Fitzgerald and Veitch 1985, in Dickman 1996). The weta (a native insect in the order Orthoptera) also appeared to be important to individual cats; two cats' stomachs were found to contain over 100 insects each. Similarly, in the Galapagos Islands, birds are an important component of the feral cat's diet, with cats sometimes taking birds of similar mass to themselves, such as frigate birds (Fregata spp.), pelicans (Pelecanus spp.) and flightless cormorants (Phalacrocorax spp.) (Konecny 1987, in Dickman 1996). On Aldabra Atoll, Seychelles, hatchlings of the green turtle (see Chelonia mydas in IUCN Red List of Threatened Species) are seasonally predominant in the diet of feral cats (Seabrook, 1989). On Christmas Island, the introduced black rat (Rattus rattus) comprises almost one third of the diet of feral cats by weight, however, 21% of the diet is comprised of the large flying-fox (see Pteropus melanotus in IUCN Red List of Threatened Species) and 28% of the imperial pigeon (see Ducula whartoni in IUCN Red List of Threatened Species) (Tidemann et al. 1994, in Dickman 1996). \r\nClick here to see Major prey of feral cats in Australia (source: Dickman 1996).



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General Impacts

The most obvious impact of feral cats is the predatory impact they exert on native prey populations; this has resulted in the probable local or regional decline or extinction of many species (Dickman 1996). However, unambiguous evidence of cats causing a decline in a prey species is difficult to find as other factors, such as other predator species, may also be involved in the decline (Dickman 1996). One exception to this is a study by Saunders (1991) which showed that cats killed 7% of nestlings of red-tailed cockatoos (*Calyptorhynchus magnificus*) over 11 breeding seasons in Western Australia. Several reintroduction programmes in Australia have failed, due to the predation pressure exerted by feral cats, often in conjunction with foxes. For example, the success of the reintroductions of the golden bandicoot (*Isoodon auratus*) and the burrowing bettong (*Bettongia lesueur*) in the Gibson Desert, Western Australia was hindered primarily by feral cat predation. In general, the predatory impact of cats primarily affects birds and small to medium-sized mammals (Dickman 1996). Endangered species around the world are threatened by the presence of cats, including the black stilt (see *Himantopus novaezelandiae* in the IUCN Red List of Threatened Species) (Japan) and the Cayman Island ground iguana (see *Cyclura lewisi* in IUCN Red List of Threatened Species), to list just some of the many species effected.\r\n

Changes in island fauna after the introduction of cats can provide compelling evidence of their predatory impact. Cats have been introduced to 40 islands off the coast of Australia; seven off the coast of New Zealand and several dozen islands elsewhere in the Pacific (Dickman 1992a, Veitch 1985, King 1973 1984, in Dickman 1996). Feral cats have been implicated in the decline of at least six species of island endemic birds in New Zealand, including the Stephens Island wren, the sooty shearwater (*Puffinus griseus*) and the kakapo (*Strigops habroptilus*), as well as 70 local populations of insular birds (King 1984, in Dickman 1996). The elimination of cats often leads to an increase in the population size of prey species. For example, following removal of cats from Little Barrier Island, New Zealand, the stitchbird (*Notiomystis cincta*) increased from less than 500 individuals to 3000 individuals in just a few years (Griffin *et al.* 1988, in Dickman 1996).



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Management Info

Cats were first domesticated in Egypt around 2000 BC (Serpell 1988, in Coleman *et al.* 1997, in Brickner 2003) and brought to Britain by 300AD by the Romans. European colonists introduced them around the globe (Coleman *et al.* 1997, in Brickner 2003). As cats are often revered as pets in our society this raises the moral dilemma of how to handle them when they have become a threat to native wildlife. Brickner (2003) suggests that animal rights organisations that condemn cat control via killing are over-looking the approximately 275 million animals killed by 9 million cats in Britain alone (Woods *et al.* in press). Obviously there are two quite different situations for management of the species, depending on the status of the cat: one is where a cat is a domesticated household pet and the other is when a cat has gone wild or feral and has no owner to protect and feed it.\r\n

When a cat is a pet, there are a number of ways in which to help prevent damage caused to wildlife. Brickner (2003) suggests keeping a cat in at night, fitting it with a bell, neutering the animal when it is young and giving it toys. However, the divided results of several investigations shows that the positive outcome of such actions is uncertain. Barrette (1998) found that fitting cats with bells has no significant effect on the amount of prey caught, whereas Ruxton *et al.* (2002) found that equipping cats with bells reduced prey delivery rates by about 50% (in Brickner 2003). Woods, McDonald and Harris (2003) found that the number of birds and herpetofauna brought home by cats was significantly lower in households that feed birds (but the number of actual different types of bird species killed was greater in households that feed birds). The number of mammals brought home per cat was lower when cats were equipped with bells or kept indoors at night, however, the number of herpetofauna brought home was greater when cats were kept in at night. The outcome of this is that there appears to be a subjective choice to be made as to whether it is more important to protect herpetofauna or mammals. Obviously, if the mammals being caught are introduced species, such as rats and mice, this raises another dilemma. \r\n

In the second situation, when a cat is feral and threatening wildlife, a more severe means of controlling cats appears justified. In 1992 the Australian Parliament passed the Endangered Species Protection Act 1992, which obligates the commonwealth to provide a Threat Abatement Plan (TAP) for each listed threatening process, including one for feral cats (Brickner 2003). The key objectives of the feral cat TAP are: eradicate feral cats from islands where they threaten vulnerable native animals; prevent feral cats from occupying new islands where they may be a threat to native communities; promote the recovery of species threatened by feral cats; improve the effectiveness and humaneness of cat control methods and improve the understanding of the impacts of feral cats on native animals. The use of visual lures (such as feathers and cotton wool) and attractants (such as tuna oil) are currently being tested in an effort to attract greater numbers of feral cats to traps and baits. The impact of feral cats on native wildlife is being studied in various parts of Australia in order to have it quantified (Brickner 2003).

Predation by feral cats was listed as a Key Threatening Process under the Federal Endangered Species Protection Act 1992. A Threat Abatement Plan for Predation by Feral Cats was produced in 1999 and amended in 2008 to promote the recovery of vulnerable and endangered native species and threatened ecological communities (Environment Australia 1999 and DEWHA 2008). A recently published review (Denny and Dickman (2010) assesses the efficacy of the methods used to estimate relative abundance of cats; describes currently used cat control methodologies; and discusses possible future directions for the control of cats in Australia. It also includes details of the current legislative framework that exists for cat control in Australia; describes the ecology of feral and stray cats exploiting various habitats. Please follow this link to view <u>Denny E. A & C. R.</u> <u>Dickman 2010. Review of cat ecology and management strategies in Australia</u>

Pathway

Many ships of the 18th and 19th centuries were infested with rats and so carried cats to control them. Taken by humans as pets then left behind or the young dispersed.

Principal source:



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ALIEN RANGE

 [1] AMERICAN SAMOA [1] ANTIGUA AND BARBUDA [2] BAHAMAS [1] BERMUDA [2] BRITISH INDIAN OCEAN TERRITORY [5] CAYMAN ISLANDS [2] COOK ISLANDS [1] DJIBOUTI [5] ECUADOR [7] FIJI [6] FRENCH POLYNESIA [1] GUADELOUPE [1] HAITI [1] ISRAEL [4] JAPAN [1] MADAGASCAR [1] MAYOTTE [4] MICRONESIA, FEDERATED STATES OF [1] NAMIBIA [28] NEW ZEALAND [4] NORTHERN MARIANA ISLANDS [1] PAPUA NEW GUINEA [1] PITCAIRN [1] REUNION [1] SAINT LUCIA [1] SAINT PIERRE AND MIQUELON [2] SAO TOME AND PRINCIPE [2] SOLOMON ISLANDS [4] SPAIN [1] TAIWAN [1] TONGA [3] UNITED ARAB EMIRATES [11] UNITED STATES 	 [1] ANGUILLA [25] AUSTRALIA [1] BARBADOS [1] BRAZIL [1] CANADA [1] CHRISTMAS ISLAND [1] CURACAO [1] DOMINICAN REPUBLIC [1] FALKLAND ISLANDS (MALVINAS) [3] FRANCE [5] FRENCH SOUTHERN TERRITORIES [1] GUAM [1] HUNGARY [1] JAMAICA [8] KIRIBATI [3] MAURITIUS [22] MEXICO [1] MONTSERRAT [3] NEW CALEDONIA [1] POERU [1] PERU [1] PUERTO RICO [3] SAINT HELENA [1] SAINT MARTIN (FRENCH PART) [2] SAMOA [6] SEYCHELLES [3] SOUTH AFRICA [1] SWITZERLAND [2] TURKS AND CAICOS ISLANDS [2] UNITED KINGDOM [3] UNITED STATES MINOR OUTLYING ISLANDS
[2] VIRGIN ISLANDS, BRITISH	[1] VIRGIN ISLANDS, U.S.

Red List assessed species 587: EX = 44; EW = 3; CR = 104; EN = 135; VU = 132; NT = 82; DD = 16;

LC = 71;

Acanthophis rugosus LC Acrocephalus aequinoctialis EN Acrocephalus luscinius CR Acrocephalus rodericanus EN Acrocephalus taiti VU Actenoides bougainvillei VU Aceros narcondami EN Acrocephalus kerearako NT Acrocephalus rimatarae VU Acrocephalus sechellensis VU Acrocephalus vaughani EN Aegotheles savesi CR



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Alauda razae CR Amblysomus corriae NT Anarhynchus frontalis VU Anas chlorotis EN Anas wyvilliana EN Antechinomys laniger LC Anthus novaeseelandiae LC Aphelocoma coerulescens VU Aplonis santovestris VU Apteryx haastii VU Apteryx owenii NT Arvicola sapidus VU Atelopus guanujo CR Bavayia cyclura DD Bavayia geitaina NT Bavayia madjo NT Bavayia ornata EN Bavayia robusta NT Bavayia septuiclavis NT Bettongia penicillata CR Brachylophus vitiensis CR Bulweria bulwerii LC Burhinus grallarius NT Buteo galapagoensis VU Caledoniscincus aquilonius NT Caledoniscincus auratus EN Caledoniscincus bodoi LC Caledoniscincus cryptos DD Caledoniscincus haplorhinus LC Caledoniscincus renevieri EN Callaeas cinereus EN Calonectris edwardsii NT Camarhynchus heliobates CR Caprimulgus noctitherus EN Celatiscincus similis EN Celestus warreni CR Chaeropus ecaudatus EX Chalcides viridanus LC Charadrius melodus NT Charadrius obscurus EN Chaunoproctus ferreorostris EX Chlamydosaurus kingii LC Chrysococcyx basalis LC Cnemaspis kandiana LC Coenocorypha aucklandica NT Coleura seychellensis CR Columba argentina CR Columba jouyi EX Columba versicolor EX Conolophus subcristatus VU Coracina newtoni CR Corvus kubaryi CR Crex crex LC Crocidura trichura CR

Algyroides marchi EN Anairetes fernandezianus NT Anas aucklandica VU Anas eatoni VU Anolis longiceps VU Anthornis melanocephala EX Apalopteron familiare VU Aphrastura masafuerae CR Apteryx australis VU Apteryx mantelli EN Aratinga brevipes EN Aspidoscelis catalinensis VU Bavayia crassicollis DD Bavayia exsuccida EN Bavayia goroensis EN Bavayia montana DD Bavayia pulchella NT Bavayia sauvagii DD Bettongia lesueur NT Bowdleria rufescens EX Branta sandvicensis VU Bulweria fallax NT Burramys parvus CR Cabalus modestus EX Caledoniscincus atropunctatus LC Caledoniscincus austrocaledonicus LC Caledoniscincus chazeaui EN Caledoniscincus festivus LC Caledoniscincus orestes EN Caledoniscincus terma VU Caloenas nicobarica NT Caloprymnus campestris EX Camarhynchus pauper CR Celatiscincus euryotis EN Celestus anelpistus CR Cettia haddeni NT Chalcides simonyi EN Chalinolobus tuberculatus VU Charadrius mongolus LC Charadrius sanctaehelenae CR Chelonia mydas EN Chlamyphorus truncatus DD Chthonicola sagittatus LC Coccyzus ferrugineus VU Coenocorypha pusilla VU Collocalia elaphra VU Columba duboisi EX Columba junoniae NT Conilurus penicillatus NT Copsychus sechellarum EN Corvus hawaiiensis EW Coturnix novaezelandiae EX Crocidura canariensis EN



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Cryptoblepharus novocaledonicus LC Ctenosaura palearis EN Cyanoramphus cookii EN Cyclura carinata CR Cyclura cornuta VU Cyclura onchiopsis EX Cyclura ricordii CR Dasycercus cristicauda LC Dasyornis broadbenti LC Dasyurus geoffroii NT Dasyurus maculatus NT Dasyurus viverrinus NT Dierogekko insularis NT Dierogekko koniambo CR Dierogekko poumensis CR Dierogekko validiclavis EN Diomedea antipodensis VU Diomedea exulans VU Diplothrix legata EN Dipodomys margaritae CR Ducula aurorae EN Dysmorodrepanis munroi EX Elaenia ridleyana VU Eleutherodactylus barlagnei EN Eleutherodactylus pinchoni EN Emballonura semicaudata EN Emoia adspersa EN Emoia loyaltiensis VU Epicrates monensis EN Eremiornis carteri LC Euastacus armatus DD Euastacus balanesis EN Euastacus bindal CR Euastacus brachythorax EN Euastacus claytoni EN Euastacus dalagarbe CR Euastacus diversus EN Euastacus fleckeri EN Euastacus girurmulayn CR Euastacus guruhgi CR Euastacus hirsutus EN Euastacus jagabar CR Euastacus maccai EN Euastacus mirangudjin CR Euastacus pilosus EN Euastacus rieki EN Euastacus setosus CR Euastacus spinichelatus EN Euastacus suttoni VU Euastacus valentulus LC Euastacus yanga LC Euastacus yigara CR Eudyptes pachyrhynchus VU Euleptes europaea NT

Ctenosaura bakeri CR Cyanoramphus auriceps NT Cyanoramphus novaezelandiae VU Cyclura collei CR Cyclura lewisi CR Cyclura pinguis CR Cyclura stejnegeri EN Dasyornis brachypterus EN Dasyurus albopunctatus NT Dasyurus hallucatus EN Dasyurus spartacus NT Dierogekko inexpectatus CR Dierogekko kaalaensis CR Dierogekko nehoueensis CR Dierogekko thomaswhitei CR Diomedea amsterdamensis CR Diomedea epomophora VU Diomedea sanfordi EN Dipodomys insularis CR Dipodomys stephensi EN Ducula pickeringii VU Dysmoropelia dekarchiskos EX Elanus scriptus NT Eleutherodactylus martinicensis NT Eliurus myoxinus LC Emberiza socotrana VU Emoia lawesi EN Emoia nigra LC Epthianura tricolor LC Eretmochelys imbricata CR Euastacus australasiensis LC Euastacus bidawalis EN Euastacus bispinosus VU Euastacus clarkae CR Euastacus crassus EN Euastacus dharawalus CR Euastacus eungella CR Euastacus gamilaroi CR Euastacus gumar EN Euastacus guwinus CR Euastacus hystricosus EN Euastacus jagara CR Euastacus maidae CR Euastacus monteithorum CR Euastacus polysetosus EN Euastacus robertsi CR Euastacus simplex VU Euastacus sulcatus VU Euastacus urospinosus EN Euastacus wiowuru NT Euastacus varreansis VU Eudyptes chrysocome VU Eudyptula minor LC



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Eurydactylodes agricolae NT Eurydactylodes symmetricus EN Falco araea VU Felis margarita NT Fossa fossana NT Foudia sechellarum NT Fulica alai VU Galidia elegans LC Gallicolumba erythroptera CR Gallicolumba norfolciensis EX Gallicolumba salamonis EX Gallinula nesiotis VU Gallirallus australis VU Gallirallus dieffenbachii EX Gallirallus okinawae EN Gallirallus pacificus EX Gallirallus sylvestris EN Gallotia bravoana CR Gallotia simonyi CR Geocapromys ingrahami VU Geomalia heinrichi NT Geoscincus haraldmeieri CR Gerygone modesta VU Graciliscincus shonae VU Haematopus chathamensis EN Heleioporus australiacus VU Hemignathus munroi EN Hemiphaga novaeseelandiae NT Himantopus novaezelandiae **CR** Hypogeomys antimena EN Icterus northropi CR Isoodon auratus VU Kanakysaurus viviparus EN Lacertoides pardalis VU Lagorchestes conspicillatus LC Lagostrophus fasciatus EN Larosterna inca NT Larus fuliginosus VU Laterallus spilonotus VU Leporillus conditor VU Lewinia muelleri VU Lioscincus nigrofasciolatum LC Lioscincus steindachneri EN Lioscincus vivae CR Loxioides bailleui CR Macroderma gigas VU Macrotarsomys ingens EN Macrotis leucura EX Marmorosphax boulinda VU Marmorosphax montana VU Marmorosphax tricolor LC Mayrornis versicolor VU Megalurulus Ilaneae NT Megalurulus whitneyi NT

Eurvdactvlodes occidentalis CR Eurydactylodes vieillardi NT Falco punctatus VU Felis silvestris LC Foudia flavicans VU Fregata aquila VU Fulica caribaea NT Galidictis fasciata NT Gallicolumba kubaryi VU Gallicolumba rubescens VU Gallicolumba sanctaecrucis EN Gallinula pacifica **CR** Gallirallus calayanensis VU Gallirallus lafresnayanus CR Gallirallus owstoni EW Gallirallus philippensis LC Gallotia auaritae CR Gallotia intermedia CR Gallotia stehlini LC Geocapromys thoracatus **EX** Geophaps smithii NT Geotrygon caniceps VU Goniurosaurus kuroiwae EN Gymnomyza aubryana CR Haematopus meadewaldoi EX Hemignathus kauaiensis VU Hemignathus parvus VU Henicophaps foersteri VU Hydromys chrysogaster LC Hypsiprymnodon moschatus LC Iguana delicatissima EN Isoodon obesulus LC Kanakysaurus zebratus EN Lagorchestes asomatus EX Lagorchestes hirsutus VU Lampropeltis catalinensis DD Larus bulleri EN Larus hartlaubii LC Leporillus apicalis CR Leptotila wellsi CR Lioscincus maruia EN Lioscincus novaecaledoniae LC Lioscincus tillieri NT Litoria caerulea LC Loxops coccineus EN Macropus eugenii LC Macrotis lagotis VU Malurus leucopterus LC Marmorosphax kaala CR Marmorosphax taom CR Mastacomys fuscus NT Megadyptes antipodes EN Megalurulus mariei LC



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Megapodius laperouse EN Megapodius pritchardii EN Mergus australis EX Mesembriomys macrurus LC Mimus graysoni CR Moho bishopi EX Myotis vivesi VU Myzomela chermesina VU Naultinus manukanus DD Neophema chrysogaster CR Neotoma bryanti EN Neotoma martinensis **EX** Nesoclopeus woodfordi NT Nesofregetta fuliginosa EN Nesospiza questi VU Nesotriccus ridgwayi VU Notoryctes caurinus **DD** Numenius tahitiensis VU Oceanodroma tristrami NT Oligosoma acrinasum NT Oligosoma oliveri NT Onychogalea fraenata EN Otus insularis EN Papagomys armandvillei NT Pelecanoides garnotii EN Perameles bougainville EN Peromyscus caniceps CR Peromyscus guardia CR Peromyscus pseudocrinitus CR Petrogale concinna **DD** Petroica traversi EN Pezoporus occidentalis CR Phalacrocorax chalconotus VU Phalacrocorax featherstoni EN Phalacrocorax nigrogularis VU Phascogale calura NT Phascogale tapoatafa NT Philoria frosti CR Phoebastria nigripes EN Phoebetria palpebrata NT Phyllodactylus leei VU Pinaroloxias inornata VU Pitta superba VU Platymantis vitianus EN Podarcis levendis VU Podarcis pityusensis NT Pomarea fluxa EX Pomarea whitneyi CR Porzana astrictocarpus EX Potorous gilbertii CR Prionailurus bengalensis LC Procellaria aequinoctialis VU Procellaria parkinsoni VU Prosobonia cancellata EN

Megapodius nicobariensis VU Melamprosops phaeosoma CR Mesembriomys gouldii NT Microgoura meeki EX Mimus melanotis EN Mundia elpenor EX Myrmecobius fasciatus EN Naultinus gemmeus NT Neodon sikimensis LC Neotoma anthonyi **EX** Neotoma bunkeri **EX** Nesoclopeus poecilopterus EX Nesoenas mayeri EN Nesospiza acunhae VU Nesospiza wilkinsi EN Nestor notabilis VU Notoryctes typhlops DD Oceanodroma macrodactyla CR Oedodera marmorata CR Oligosoma notosaurus DD Oligosoma otagense EN Onychogalea lunata EX Palmeria dolei CR Parantechinus apicalis EN Pentalagus furnessi EN Perameles eremiana EX Peromyscus dickeyi CR Peromyscus interparietalis CR Peromyscus sejugis EN Petrogale penicillata NT Pezophaps solitaria EX Phalacrocorax campbelli VU Phalacrocorax colensoi VU Phalacrocorax harrisi VU Phalacrocorax onslowi CR Phascogale pirata VU Philesturnus carunculatus NT Phoebastria irrorata CR Phoebetria fusca EN Phoniscus papuensis LC Phyllomys thomasi EN Pitta anerythra VU Plagiodontia aedium EN Pluvianellus socialis NT Podarcis lilfordi EN Polytelis alexandrae NT Pomarea mendozae EN Porphyrio kukwiedei EX Porzana sandwichensis EX Potorous tridactylus LC Prionailurus rubiginosus VU Procellaria cinerea NT Procellaria westlandica VU



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Pseudantechinus mimulus EN Pseudobulweria becki CR Pseudobulweria rostrata NT Pseudomys fumeus EN Pseudomys oralis VU Psittirostra psittacea CR Pterodroma arminjoniana VU Pterodroma axillaris EN Pterodroma brevipes VU Pterodroma cookii VU Pterodroma externa VU Pterodroma hasitata EN Pterodroma longirostris VU Pterodroma madeira EN Pterodroma phaeopygia CR Pterodroma sandwichensis VU Pteropus melanotus VU Ptilinopus huttoni VU Ptychoramphus aleuticus LC Puffinus creatopus VU Puffinus heinrothi VU Puffinus mauretanicus CR Puffinus opisthomelas NT Puffinus yelkouan NT Rallina canningi NT Rattus tunneyi LC Reithrodontomys spectabilis CR Rhacodactylus leachianus LC Rhacodactylus trachyrhynchus EN Rhionaeschna galapagoensis EN Sarothrura elegans LC Scelarcis perspicillata LC Scolopax celebensis NT Sephanoides fernandensis CR Sigaloseps deplanchei NT Siphonorhis brewsteri NT Sminthopsis butleri VU Sminthopsis douglasi NT Solenodon cubanus EN Sorex pribilofensis EN Spheniscus humboldti VU Spheniscus mendiculus EN Stercorarius antarcticus LC Sterna fuscata LC Strigops habroptila CR Suta flagellum LC Sylvilagus mansuetus NT Synthliboramphus craveri VU Syrmaticus soemmerringii NT Tarsius dentatus VU Tarsius pelengensis EN Terpsiphone corvina CR Thalassarche steadi NT Theba geminata **DD**

Pseudobulweria aterrima CR Pseudobulweria macgillivrayi CR Pseudocheirus occidentalis VU Pseudomys occidentalis LC Pseudomys pilligaensis DD Pterodroma alba EN Pterodroma atrata EN Pterodroma baraui EN Pterodroma cervicalis VU Pterodroma defilippiana VU Pterodroma feae NT Pterodroma leucoptera VU Pterodroma macroptera LC Pterodroma magentae CR Pterodroma rupinarum EX Pterodroma solandri VU Pteropus pselaphon CR Ptilinopus mercierii EX Puffinus auricularis CR Puffinus gravis LC Puffinus huttoni EN Puffinus newelli EN Puffinus pacificus LC Pyrrhula murina EN Rallus semiplumbeus EN Reithrodontomys raviventris EN Rhacodactylus auriculatus LC Rhacodactylus sarasinorum VU Rhinophis oxyrhynchus LC Rhynochetos jubatus EN Saxicola dacotiae NT Sciurus griseus LC Scolopax mira VU Setonix brachyurus VU Sigaloseps ruficauda VU Sminthopsis aitkeni CR Sminthopsis dolichura LC Sminthopsis psammophila EN Solenodon paradoxus EN Spheniscus demersus EN Spheniscus magellanicus NT Spilogale pygmaea VU Sterna bergii LC Sterna virgata NT Strophurus taenicauda NT Sylvilagus bachmani LC Sylvilagus palustris LC Synthliboramphus hypoleucus VU Tamias palmeri EN Tarsius lariang **DD** Tarsius tarsier VU Thalassarche melanophrys EN Thamnophis gigas VU



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Thinornis rubricollis NT Todiramphus ruficollaris VU Tokudaia osimensis EN Toxostoma guttatum CR Troglodytes cobbi VU Tropidoscincus aubrianus VU Tropidoscincus variabilis LC Turdus celaenops VU Turnagra tanagra **EX** Typhlops biminiensis NT Upupa antaios EX Vermivora crissalis NT Vini kuhlii EN Xantusia riversiana LC Xenosaurus platyceps EN Zoothera guttata EN Zoothera turipavae VU Zyzomys palatalis CR

Thomomys mazama LC Tokudaia muenninki CR Tokudaia tokunoshimensis EN Traversia lyalli **EX** Troglodytes tanneri VU Tropidoscincus boreus LC Tupaia nicobarica EN Turdus Iherminieri VU Turnix melanogaster VU <u>Tyto manusi</u> VU Urosaurus auriculatus EN Vestiaria coccinea VU Vini peruviana VU Xenicus longipes EX Zenaida graysoni EW Zoothera terrestris EX Zosterops tenuirostris EN

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Available from:

 $http://www.cbif.gc.ca/pls/itisca/taxastep?king=every&p_action=containing&taxa=Felis+catus&p_format=&p_ifx=plglt&p_lang=[Accessed March 2005]$

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Summary: This paper examines the relationship and potential for competition between feral cats and the Iriomote cat on Iriomote Island, Japan.

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Summary: This study looked at the impact of feral cat predation on a population of black redstarts in Switzerland.