

This brochure depicts a selection of native animals occupying a range of broad habitat types throughout the Mornington Peninsula. Many native animals commonly move between habitats whilst others are limited to a single habitat. Retaining natural habitat is vital for

The following terms have been adopted to indicate where possible the conservation status, distribution and abundance of each species

Conservation Status, **Distribution and Abundance**

Locally significant - LS Regionally significant - RS

Regional distribution and abundance (LCC, 1991 some areas east of Melbourne including the peninsula

R - Restricted (occurs in less than 10% of the area) **M** - Moderate (occurs in 10-50% of the area) W - Widespread (occurs in greater than 50% of the area)

U - Uncommon A - Abundant

Victorian conservation status (NRE, 2001) appearing in brackets. Indicates state significance. **x** - extinct (not recorded in the wild for at least 50 years)

- **c** critically endangered (immediate risk of extinction if current circumstances persist)
- e endangered (risk of extinction if current
- circumstances persist)
- v vulnerable (likely to become endangered if current
- circumstances persist)
- lower risk (rare) i - insufficient data

FFG Flora and Fauna Guarantee Act (1998) protected **EPBC** Environment Protection and Biodiversity Conservation Act (2001) protected

A selection of INDIGENOUS FAUNA found in the Mornington Peninsula Shire

FORESTS

- Examples of forests occur around Aurthur's Seat. They are more shaded than woodlands providing different types of habitat.
- Large areas of old-growth forest have been removed on the peninsula.
- Forests and all other habitat types on the peninsula occur as isolated patches.
- Protecting forests from further clearing assists wildlife that are dependent on these areas for shelter and breeding.
- It often takes over a hundred years for trees to form hollows that provide adequate habitat for animals that rely on them.



Whistling Tree Fro

Litoria verreauxii verreauxii

Diet Mostly insects and

Generally found on the

ground near the

LS - W/C

Size to 3cm

Size to 5cm Diet various insects

habits streams and pond although it may distances from these waterways. RS - R/U



Egernia whitii whitii

Diet mostly spiders and

some other invertebrates.

Also flowers and fruit

Burrows under rocks and

Size to 24.5cn

fallen wood.

RS - W/U

Diet mostly spiders and some other invertebrates. under fallen wood on the



White-lipped Snake

Diet Lizards (eggs), frogs

and some invertebrates

Drysdalia coronoides

Size to 50cm

Shelters in dens

vegetation, under leaf

litter or fallen wood.

Little Whip Snake

Diet mostly skinks and

Shelters in rock cracks.

under rocks or unde

fallen wood. May feed o

skinks which share simila

Suta flagellum

Reptile (snake

Size to 50cm

eptile (lizard) ize to 200cm Diet Live or dead reptiles nammals, birds (eggs) and vertebrates.

lequires very large areas of habitat for foraging. (i) W/U



Little Forest Ba

Vespadelus vulturnus

Placental mamn

Size head and body 4cr

Diet insects captured in

tree hollows with a small

Lesser Long-eared Ba

Nyctophilus geoffroyi

Placental mammal

4.8cm, tail 3.8cm

Size head and body

Diet mostly insect

captured in flight, from

plants or the ground.

under bark. Prefer

roosting in dead trees.

Roosts in tree hollows or

espadelus regulus

acental mammal ize head and body 4.1cm, Diet insects captured in flight

equires tree hollows for roosting (colonies to round 100) and breeding.



Acrobates pygmaeus

Marsupial mamma

Size 6.5-8cm (minus tail)

Diet mostly insects and

some other invertebrates.

Also nectar, pollen and sap.

Requires tree hollows for

shelter and rearing young

where they build a spherical

Large Forest Bat

Vespadelus darlingtoni

Placental mammal

Size head and body

Diet mostly insects

captured in flight around

Requires tree hollows

or large) and breeding.

for roosting (colonies small

4.4cm, tail 4cm

vegetation.

nest from leave

Pygmy Possum

Marsupial mammal Size to 11cm (minus tail) Diet nectar, pollen, fruits and some invertebrates. Shelters in tree hollows or

disused bird nests. Breeding

emales line their nests with



Dasyurus viverrinus

Size 27-35cm (minus tail)

invertebrates, live or dead

Builds a den near lo

and rocks on the ground

Diet various mammals,

Marsupial mammal

birds, reptiles and

Brushtail Possum Trichosurus vulpecula

Marsupial mammal Size 35-55cm (minus tail) Diet Mostly Eucalyptus leaves. Also other leaves. flowers and fruits.

ound in bushland, rural and suburban areas. Nests in a tree hollow or under shelter on the ground.

Introduced Fauna

Land Sustainability Rebate Scheme

environmental protection works.

Protecting biodiversity

Grants Schemes and Rebates are available to

properties above 2 hectares. Condtions apply.

Contact your Customer Service Centre for an

Mornington Peninsula Land Protection Incentive Scheme

enhancement works including native vegetation care,

eligible Land owners can receive a rebate on a portion

of their property rates if they commit to implementing

provides grants up to \$5000 for environmental

replanting, weed control and stream fencing.

European Fox Vulpes vulpes

on your land

application form.

 Foxes inhabit the entire Mornington Peninsula including bushland, farmland and residential areas.

They are opportunistic feeders and shelter almost anywhere having a negative impact on a wide range of native They are known to spread mange (skin disease) which

can be transferred to some native species.

 Foxes should not be deliberately fed or harboured. Under section 20 of the Catchment and Land Protection Act 1994, landowners should take reasonable steps to prevent the spread of foxes and, as far as possible, eradicate those established on their land

Cat Felis catus

- Pet cats, stray cats and feral cats can al them from killing wildlife.
- Protect your cat from road accidents and other dangers by keeping them inside the house, risk of injury or death if confined to your property. Register your cat and consider having your cat desexed.
- To remove unwanted cats from your property, contact the Shire's customer service department.

Foxes and cats are a serious threat to native animals. This is recognised under Victorian legislation in the Flora and Fauna Guarantee Act 1988 as a potentially threatening

- from coastal to inland areas.
- due to development for recreation and residential living.
- Coastal Moonah (Melaleuca lanceolata subsp. lanceolata) Woodland is one of few vegetation communities to be listed for protection under the Flora and Fauna Guarantee Act 1988.
- tree debris destroys habitat and reduces the number of animals than can live in an area.



Size to 3.5cm Diet various insects and

Inhabits ponds and slow flowing waterways in wet forests low, open vegetation



Grass Skink

entrecasteauxii

Diet insects and spiders

Forages near or on

open patche

logs, rocks and in small

Pseudemoia

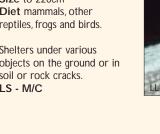
Diet various invertebrates, fungi, flowers, fruits and some dead animals.





Brown Snake Pseudonaja textilis Reptile (snake) Size to 220cm

helters under various objects on the ground or in soil or rock cracks.



Wattled Bat

Chalinolobus morid

Placental mammal Size head and body 5.1cm, tail other insects captured in flight.



Placental mammal Size 26cm (largest bat on

Flying-fox

Diet fruit, pollen and nectar. Ventures up to 50km in one night in search of food.



Eastern Grey

Macropus giganteu

Size to 120cm (minus tail)

Diet mostly grasses and

Occurs in many habita

types. Rests in wooded

areas and often feeds in

open areas in groups

Marsupial mamma

some other herbs

Kangaroo

Requires tree hollows fo breeding and shelter in

- kill native wildlife, spread disease and induce shock. Ensuring that your cat is well fed does not necessarily prevent
- garage or shed between dusk and dawn. There is less

HEATHLANDS

- Heathlands on the peninsula are generally found on sandy soils near the coast. They have no trees and consist of dense, shrubby vegetation that is often no taller than the average adult.
- Heathlands on the peninsula have been reduced to only a few locations.
- Heathlands were cleared mainly for farmland pasture and residential development.

Fire is an important component of many habitat types, particularly heathlands where fires are likely to have been frequent (every few years) prior to clearing.

 Heathlands are low in soil nutrients and generally have a high diversity of plants



Smooth Froglet

Amphibian

LS - W/C

Size to 3.5cm

Geocrinia victoriana

Diet some invertebrates

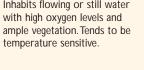
Inhabits wet, lowland areas

often near the coast,

requiring shallow pools

for breeding. Males call in

Autumn. Eggs are laid on land.



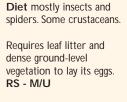






aproscincus mustelinu ptile (lizard)

ize to 9cm





Notechis scutatus scutatus

adpoles) but also young

neltering under wood rocks, dense vegetation and in existing burrows. Climbs low vegetation. LS - W/C



acental mammal Size to 35cm (minus tail) Diet generally fish but

LS - W/C

oung birds, eggs and dead aterways to catch food. refers feeding atop logs and rocks.

so aquatic invertebrates,



Brown Bandicoot soodon obesulus

dense vegetation usually

on sandy soils. Forages by

digging. Requires a mosaic of

egeneration following fire.

/larsupial mammal Rabbits - eat native vegetation, Size to 36cm (minus tail cause erosion by burrowing and **Diet** various invertebrates damage pasture. seeds, roots and fungi.

> Rats and Mice - predate direct on wildlife (e.g. small birds) and spread disease. Care should be taken not to mistake introduced species with native species

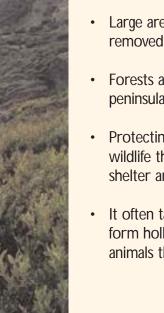
- Dogs uncontrolled dogs can attack and kill or cause stress t native wildlife
- Indian Mynas and Starlings exclude native animals from tree hollows.
- Introduced Fish predate directly on a range of native aquatic animals and their eggs.
- Bees and Wasps will displace native animals from tree hollows
- Horses and Cattle - can cause soil compaction, erosion and pollute waterway Keep grazing stock out of streamlines and bushland.





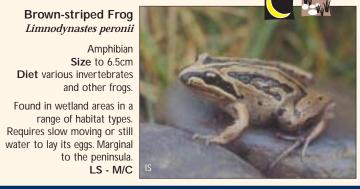






WOODLANDS

- Woodlands are an open canopy habitat type varying in species composition and structure
- Coastal woodlands have been mostly cleared
- Fallen logs, branches and bark are essential for providing shelter for terrestrial fauna. Clearing





Size to 16cm Diet various, including plant naterial, animal waste and





Three-lined Skink

Bassiana duperrey

Diet mostly insects and spiders

Forages near or on logs, rocks

and plant tussocks. Nests on

the ground under wood.

Climbs into low plants.

LS - W/C

Reptile (lizard)

























Today complex remnant native vegetation is restricted to 6% of the peninsula landscape. Several native fauna species are now locally extinct. Remaining native animal populations are threatened by habitat fragmentation and loss of shelter and food sources.

Council encourages everyone to support

by recognising and

Living with Native Animals

- Retain areas of natural habitat on and around your property.
- Protect and expand existing habitat on you land by replanting disturbed areas with locally native plants. This may done to increase the
- size of an existing patch or to link isolated patches with vegetation cover Keep introduced grazing animals out of native
- vegetation. Consider fencing native vegetation in grazed areas Keep cats indoors at night.
- Keep dogs on your land or on a leash when outside your Contact the Shire offices for information on off-leash areas
- Retain wetlands, swamps and watercourses. Control stock access to these areas.
- Do not dump garden waste, rubbish, soil, pond / fish tank contents, into bushland and watercourses. Contact the Shire regarding waste disposal
- Take home unwanted fishing line, tackle and bait bags.
- Feeding native wildlife is likely to be detrimental to their health and may cause altered behavoir patterns and aggression.
- Obtain advice before relocating possums. Contact an accredited pest control operator.

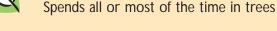
Leave standing dead trees and



NOCTURNAL Active during the night



Active during the day



Spends all or most of the time on the ground



Inhabits principally fresh water

A selection of INDIGENOUS FAUNA found in the Mornington Peninsula Shire

COASTAL DUNES & CLIFFS

- Coastal dunes and cliffs commonly occur along the ocean side of the peninsula with good examples at Gunnamatta and Cape Schanck.
- fauna that would otherwise not be found on the peninsula
- Damage to these areas may be stopped by avoiding pedestrian, stock and vehicle access
- Dune animals readily dig for food and conceal eggs in the soft sandy soils.



Amphibian Size to 3cm and spiders.

Shelters in damp areas when flooding occurs. LS - W/C



Blue-tongued Lizard

Reptile (lizard) Size to 50cm **Diet** various invertebrates ungi, flowers, fruits and

Shelters in logs, existing burrows or under rocks Active during warm nights



Reptile (lizard) Size to 15cm Diet mostly insects (their arvae) and spiders.

refers sandy soils and shelters under leaf litter fallen wood and rocks. RS - M/U



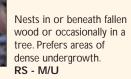
achyglossus aculeatu

egg laying mammal) ize to 50cm Diet ants and termites

where it can dig for food. helters in logs or dense



Size to 10cm (minus tail) Diet mostly invertebrates and some lizards.





Pseudocheirus peregrinus

Size to 35cm (minus tail) Contact your local veterinarian - injured wildlife may **Diet** mostly leaves but also be treated by a vet in an emergency fruits and flowers.

Mornington Peninsula Shire

Customer Service Centre

www.mornpen.vic.gov.au

Wildlife Victoria - a voluntary care service for injured or hollows or constructs a drey orphaned native wildlife Ph. 0500 540 000 (nest of shredded bark) if hollows are sparse.

1300 850 600

Useful websites

- Australian Museum www.austmus.gov.au/factsheets
- Department of Sustainability and Environment www.dpi.vic.gov.au

Want more information?

What to do with injured wildlife

- **Environment Australia**
- www.erin.gov.au
- Field Naturalists Club of Victoria
- http://home.vicnet.net.au/~fncv Ph. 9877 9860
- Melbourne Water www.melbwater.com.au Ph. 9235 7100
- Parks Victoria

Ph. 13 1963

- R.S.P.C.A
- Ph. 5978 6706 www.rspca.org.au **Trust for Nature**
- Ph. 9670 9933 www.tfn.org.au
- www.frogs.org.au/vfg
- www.dms.dpc.vic.gov.au/l2d/lthome.html
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Legg, Lindy Lumsden, Peter Menkhorst, Stephanie Rennick, Peter Robertson (Wildlife Profiles P/L), Ian Smales, Department of Natural Resources and Environment (NRE), Mammal Survey Group of Victoria Inc., Parks Victoria-McCann Collection, Southern Peninsula Indigenous Flora and

Garrique Pergl (Mornington Peninsula Shire)

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- Cliffs provide important shelter for certain
- Coastal dunes are sensitive to loss of vegetation and erosion.

SWAMPS



Reptile (lizard)

Forages around roc

tussocks. Uses crevices

Crinia signifera

Diet mostly insects but

Inhabits streams and

ponds in a number of

also other invertebrates.

Size to 3cm

habitat types.

Euastacus sp.

Size to 15.5cm

Diet various, mostly plant

material and some meat.

Inhabits rivers, lakes, dams,

streams and swamps where

foraging takes place on the

Crustacean



Diet various insects

under leaf litter. Males call in Autumn. Eggs are laid on land, the tadpoles hatching







muricatu

Reptile (lizard)

Size to 37cm

fruits and flowers

Buries its eags in sandy

time on the ground in a

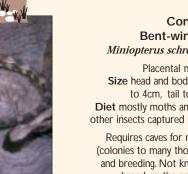
soils. Spends much of the

variety of habitat type

Diet various invertebrates











ize to13.5cm

Diet mostly insects and

spiders. Some crustaceans

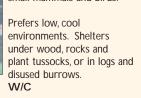
forage in a number of habitat

ypes containing wetlands.





Size to 150cm **Diet** mostly lizards and frogs but also other snakes, refers low, cool





Wallabia bicolor

Marsupial mammal

Requires dense

Size to 85cm (minus tail)

Diet shrubs, ferns, fung

grasses and other herb

vegetation for shelte

during the day. May group

during the night to feed,

otherwise solitary.

LS - W/C

hollows of fallen wood or

LS - W/C

Placental mammal Size to 20cm (minus tail)

refers vegetation

logs or vegetation.

ominated by sedges

orms paths, nesting in

Victorian Law Today edges. Also grasses, fungi, vertebrates and seeds.

References Cyperaceae), in which it

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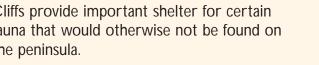
Photographs and assistance:

Fauna Association (SPIFFA), Healesville Sanctuary.

Project Management:







Wetland swamps characteristically contain grass-like

sedges and rushes, as well as many other plants.

Generally there are few trees. Other variations

include areas with Tea-tree (Melaleuca) thickets.

Wetland swamps are a component of most

Swamps have been considered wasteland in

the past and as a consequence, were drained

for development. Today wetland swamps are

considered essential for protecting biodiversity.

They are negatively affected by an accumulation

of nutrients and other pollutants from the

Swamps often dry out during periods of low

levels in dryer periods reduce the impact on

Riparian zones comprise the area of vegetation

They are home to a large range of native fauna that

rely on variations which riparian zones provide.

trampling of the riparian zone especially by stock.

unnatural erosion of streambanks or catchment

placement of in-stream barriers that restrict

removal of in-stream habitat structure such as

areas and subsequent stream siltation.

immediately adjoining the waters edge

Riparian zones are negatively affected by:

removal of riparian vegetation.

the movement of wildlife.

channeling of waterways.

changes to stream flow by retaining or

native fauna from exotic predators such as carp.

rainfall but are replenished seasonally. Lower water

habitat types on the peninsula.

surrounding landscape.

RIPARIAN

ZONES

redirecting water.

pollution of water.

tree branches.





Galaxias pusilla

Diet probably a range of small

cupies swampy areas

n which to lay eggs.

Crustacean

water table.

Size to 10cm

Diet various, mostly plant

material and some meat.

Specialists in burrowing,

Rarely surfaces, living mos

of its life down around the

adapted to swimming.

Nay seek refuge during

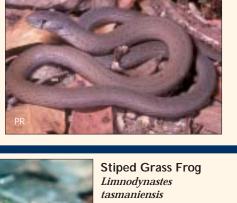
ry periods in Yabby holes

ying on aquatic vegetatic

nvertebrates and plant material.

Size to 3cm



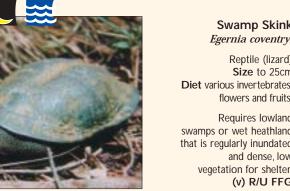
















Anguilla australis

Diet live or dead

mphibians, fish (and other

spawn. Young return to inland

treams to live most of their

life. Can move over land.

ertebrates) and various



Gould's Wattled Ba

Chalinolobus gouldii

Placental mam

Diet mostly moths but

captured in flight, around

vegetation and above water.

Requires hollows in large

living, old-growth trees.

7.5cm, tail to 5cm

also other insects

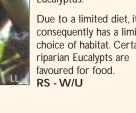
Size head and body to





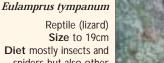
ampropholis delicata





Marsupial mammal

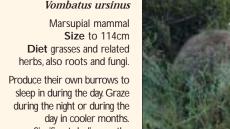
Diet leaves of some











LS - W/C

Antechinus agilis Marsupial mammal Size to 11cm (minus tail) Diet mostly large invertebrates and some small vertebrate

Readily climbs trees in search of food. Shelters in



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Andrew Bennett, Craig Cleeland, Matthew Dell, Aaron Harvey, Malcolm

Universal Ecology Services (Linda Bester & Matthew Dell) Greg Dunnett











Amphibiar

Size to 8cm

Diet other frogs.

Requires permanent

wetland areas in a range

of habitat types. Shelters

wood and other objects

on the ground

(v) W/U EPBC

Pygmy Perch

Size to 7cm

Vannoperca australis

Diet various invertebrates

Prefers slow flowing streams with

abundant aquatic plants. Life cycle

entirely fresh water. Spawns amidst

especially insect larvae.

vegetation in still water.

during the day under fallen







Spotted Galaxias

Galaxias truttaceus

Diet mostly insects, other

ish, some crustaceans and

allow access to vegetation on

ize to 20cm





Pseudaphrithis urvillii

Diet various invertebrate

Occupies the bottom of larger

flows to spawn in estuaries or

streams. Move during high

near the ocean. Requires

Size to 36cn

and small fish

unrestricted movement ML

upstream for survival.





















Significant decline on the Mornington Peninsula