



Orchids

of Green Point Foreshore Reserve



About this Guide

This Guide has been produced as part of a project by Green Point Foreshore Reserve Landcare Group, supported by Lake Macquarie City Council through its Environmental Sustainability Grants Program. It has been compiled in good faith but not all identifications have been confirmed so it should not be relied upon. Scientific names used are as per the Australian Orchid Name Index. If you see additional species within Green Point Foreshore Reserve please contact Landcare Resource Centre on 4921 0392 with details on location and photos.

The orchid species are arranged based on dominant flower colours to allow for easy reference (see coloured tabs). Scientific names are given with commonly used synonyms in brackets beside these.

An easy-reference list showing flowering times of the orchids included in this Guide can be located at the back, along with indexes (listed by common and scientific names).



Collect photos not samples!

All native orchids are protected by law and collection licences are required for any collection of samples. Furthermore, many of these species are extremely fragile and some are threatened, so please take only photographs!

Acknowledgements

All photos, flowering times and identifications have been provided by Jim Stone, Site Supervisor, Green Point Foreshore Reserve. This Guide has been compiled in 2016 by staff at the Landcare Resource Centre, with review and assistance from Sustainability staff.

Glossary

calli - non-secreting glands.

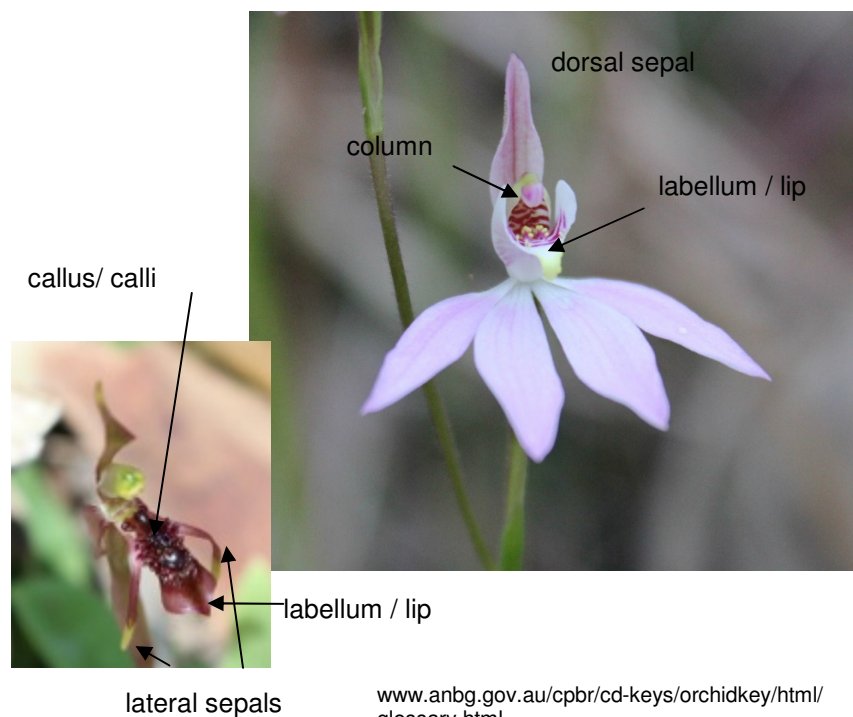
callus - a raised, fleshy or plate-like structure found on the labellum; it may have ridges or calli.

column - the central fleshy structure in orchid flowers composed of the style and staminal filaments

labellum - a lip; in orchids and gingers the highly modified ventral petal that is primarily involved in pollination.

perianth - a collective term for the petals and sepals of a flower, in orchids this does not include the labellum.

sepal - outer whorl of the perianth (flowering parts).



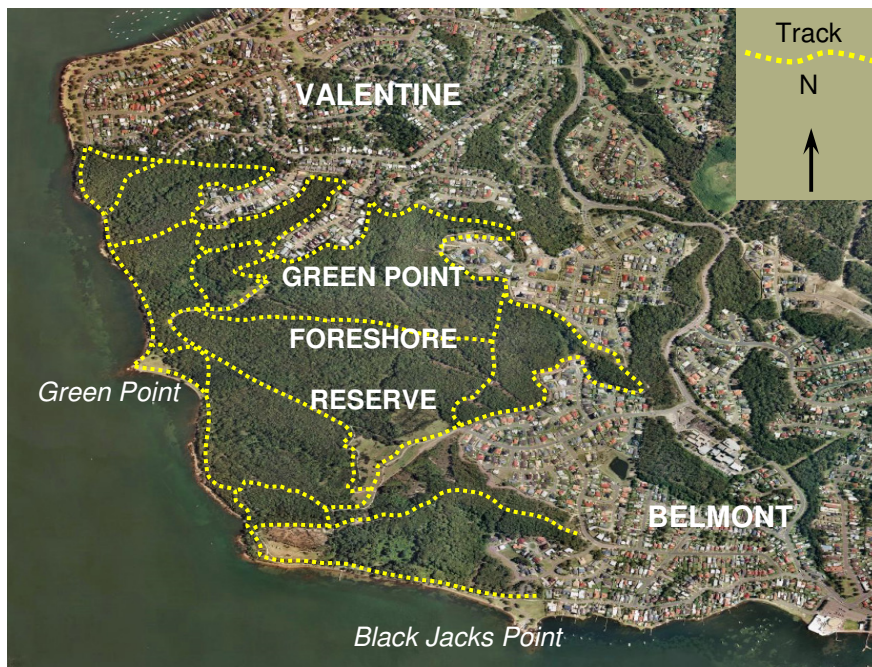
www.anbg.gov.au/cpbr/cd-keys/orchidkey/html/glossary.html

Green Point Foreshore Reserve

Green Point Foreshore Reserve (GPFR) is a 152ha site containing a wide range of plant communities, including three Endangered Ecological Communities (EECs) and a SEPP 26 Littoral Rainforest, supporting a variety of threatened species including the Powerful Owl, Squirrel Glider and flowering plant *Tetratheca juncea*.

So far over 35 species of orchids have been identified within the Reserve. Most of these occur on the ridges and drier areas of the Reserve in Eucalypt dominated communities. Most are terrestrial (found on the ground) but some are epiphytic (attaching to trees) or lithophytic (attaching to rocks).

A significant threat to orchids in GPFR is damage by illegal track making, especially by mountain bike riders, so please stick to designated tracks.



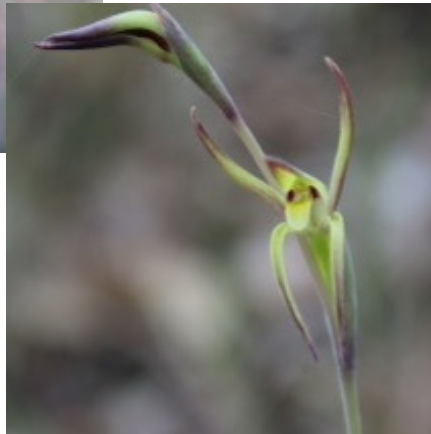
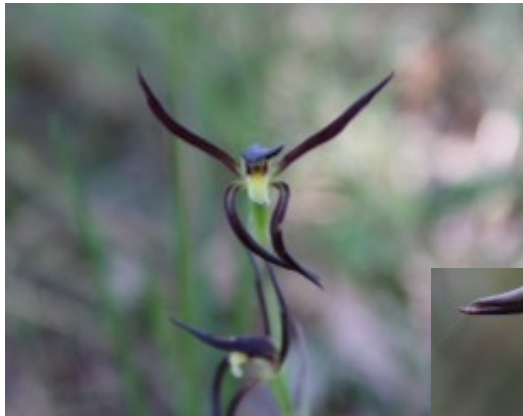
Common name: Brown Beaks

Scientific name: *Lyperanthus suaveolens*

Flowering time: August - September

Distinguishing features:

- Dark brown or yellow to reddish flowers
- End of lip bright yellow
- To 45cm tall



Common name: Tiger Orchid

Scientific name: *Diuris sulphurea*

Flowering time: October - December

Distinguishing features:

- Bright yellow with two prominent maroon spots
- Long lateral sepals



Common name: Climbing Orchid

Scientific name: *Erythrorchis cassythoides*

Flowering time: September - December

Distinguishing features:

- Leafless terrestrial orchid
- Attaches wiry climbing stems to host
- Clusters of 20-80 fragrant flowers, each about 2.5cm across



Common name: Large Tongue

Scientific name: *Cryptostylis subulata*

Flowering time: October - March

Distinguishing features:

- Tubular yellow and reddish-brown flowers to 3cm long
- Blackish lobed callus towards apex
- Pollinated by male Ichneumon wasps as they attempt to mate with the lip



Common name: Maroonhood

Scientific name: *Pterostylis pedunculata*

Flowering time: July - November

Distinguishing features:

- To 25cm tall
- Dark reddish-brown towards front of flower



Common name: Honey Caps

Scientific name: *Stegostyla testacea* syn. *Caladenia testacea*

Flowering time: September - November

Distinguishing features:

- Pale greenish yellow flowers becoming brown at the tips
- Very small flowers with petals less than 1 cm long
- Labellum white and purple tipped with toothed margins



Common name: Fringed Helmet

Scientific name: *Corysanthes fimbriata* syn. *Corybas fimbriatus*

Flowering time: April - July

Distinguishing features:

- Dark red blotches
- Long narrow teeth on labellum margins



Common name: Spurred Helmet

Scientific name: *Corybas aconitiflorus*

Flowering time: April - July

Distinguishing features:

- Two prominent spur spikes on end of lip
- Greyish-maroon flower to 1.5cm long



Common name: Toothed Helmet

Scientific name: *Corysanthes pruinosa* syn. *Corybas pruinosa*

Flowering time: April - July

Distinguishing features:

- Mostly white helmet with few red marks
- Labellum margin with long narrow teeth



Common name: Copper Beard

Scientific name: *Calochilus campestris*

Flowering time: September - January

Distinguishing features:

- Shiny purple-blue plates at base of labellum



Common name: Purplish Beard

Scientific name: *Calochilus robertsonii*

Flowering time: September - October

Distinguishing features:

- Prominent 'eye' spots at flower centre
- Purplish-red beard



Common name: Red Beard

Scientific name: *Calochilus paludosus*

Flowering time: September - November

Distinguishing features:

- Long ribbony tip on end of labellum
- Reddish beard with green visible through shorter calli
- No eye spots



Common name: Ant Orchid

Scientific name: *Myrmechila formicifera* syn. *Chiloglottis formicifera*

Flowering time: August - September

Distinguishing features:

- Small, black calli extend in narrow strip to end of labellum



Common name: Common Wasp

Scientific name: *Chiloglottis diphylla*

Flowering time: February - May

Distinguishing features:

- Labellum curved at sides
- Lateral sepals long and straight at bottom



Common name: Broad-lip Bird

Scientific name: *Myrmechila trapeziformis* syn. *Chiloglottis trapeziformis*

Flowering time: August - October

Distinguishing features:

- Small, black calli restricted to labellum base



Common name: Slender Onion

Scientific name: *Microtis parviflora*

Flowering time: September - December

Distinguishing features:

- Onion-like leaf
- To 35cm long
- Small (0.3cm across) green flowers with smooth-edged lips



Common name: Snake Orchid

Scientific name: *Cymbidium suave*

Flowering time: October - December

Distinguishing features:

- Epiphytic
- Strappy leaves
- Green to yellow fragrant flowers



Common name: Nodding Greenhood

Scientific name: *Pterostylis nutans*

Flowering time: April - August

Distinguishing features:

- Strongly curved hood
- Lateral sepal free points extended past hood
- Greater than 18mm across hood



Common name: King Greenhood

Scientific name: *Pterostylis baptistii*

Flowering time: August - October

Distinguishing features:

- Broad and large hood 6cm x 2.5cm
- Green and white with brown towards apex



Common name: Sharp Greenhood

Scientific name: *Pterostylis acuminata*

Flowering time: March - May

Distinguishing features:

- Long and sharply pointed labellum sticking out
- Green and white with brown towards apex



Common name: Blunt Greenhood

Scientific name: *Pterostylis curta*

Flowering time: June - September

Distinguishing features:

- The end of the labellum is twisted to one side
- 30cm tall with 3.5cm long flower



Common name: Tall Greenhood

Scientific name: *Bunochilus longifolius* syn. *Pterostylis longifolia*

Flowering time: April - November

Distinguishing features:

- Multi-flowered to 40cm tall
- Tapered brownish and furry labellum with dark central stripe



Common name: Blunt-tongue Greenhood

Scientific name: *Diplodium obtusum* syn. *Pterostylis obtusa*

Flowering time: February - June

Distinguishing features:

- Translucent white flowers with green markings
- Blunt labellum tip just visible inside flower



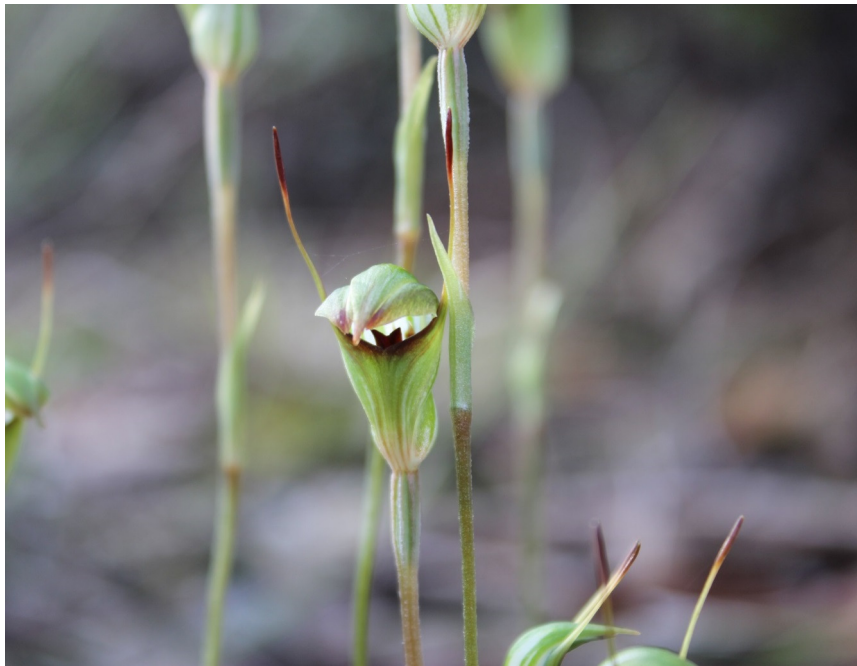
Common name: Trim Greenhood

Scientific name: *Taurantha concinna* syn. *Pterostylis concinna*

Flowering time: May - September

Distinguishing features:

- Green to cream to brown flower 1.5cm long
- End of the labellum is forked



Common name: Pixie Caps

Scientific name: *Acianthus fornicatus*

Flowering time: May - August

Distinguishing features:

- Heart-shaped leaf - dark green above and maroon below
- Pinkish or reddish hooded flowers (10-14mm long) with warty labellum
- Up to 30cm tall



Common name: Mosquito Orchid

Scientific name: *Acianthus pusillus*

Flowering time: March - August

Distinguishing features:

- Heart-shaped leaf - dark green above and maroon below
- Flowers 8–12 mm long, dull green to dull pink
- Up to 18cm tall



Common name: Dark Mosquito

Scientific name: *Acianthus exsertus*

Flowering time: March - April

Distinguishing features:

- Pinkish or purplish well-spaced flowers, 12-16cm long
- Red central stripe along dorsal sepal



Common name: Tongue Orchid

Scientific name: *Dockrillia linguiformis* syn *Dendrobium linguiforme*

Flowering time: September - October

Distinguishing features:

- Lithophytic or epiphytic
- White flowers with narrow segments
- Tongue-shaped fleshy leaves



Common name: Ironbark Orchid

Scientific name: *Tropilis aemula* syn *Dendrobium aemulum*

Flowering time: July - October

Distinguishing features:

- Epiphytic
- White or cream flowers aging to pink
- Labellum with pink markings



Common name: White Fingers

Scientific name: *Petalochilus catenatus* syn. *Caladenia catenata*

Flowering time: August - October

Distinguishing features:

- White flowers (occasionally flushed pink)
- No dark pink / red anywhere
- 8-10 teeth on edges



Common name: Pink Fingers

Scientific name: *Petalochilus carneus* syn. *Caladenia carnea*

Flowering time: August - October

Distinguishing features:

- Pale pink or sometimes white flowers
- Dark pink / red stripes on labellum
- Lemon tip on end of labellum



Common name: Painted Fingers

Scientific name: *Petalochilus pictus* syn. *Caladenia picta*

Flowering time: April - June

Distinguishing features:

- Pinkish or white flowers
- Solid red column with no stripes
- Flowers in Autumn (where as White Fingers and Pink Fingers flower in Spring)



Common name: Hyacinth Orchid/ Blotched Hyacinth Orchid

Scientific name: *Dipodium punctatum*

Flowering time: November - January

Distinguishing features:

- Pale pink flower with large dark pink blotches
- Solid pink flower stalk
- Stem dark brown, leafless



Common name: Blotched Hyacinth/ Slender Hyacinth Orchid

Scientific name: *Dipodium variegatum*

Flowering time: October - January

Distinguishing features:

- Cream flower heavily blotched with dark pink
- Pink spots extend down the flower stalk
- Humped ovary (back of flower)
- Stem green, leafless



Common name: Waxlip Orchid

Scientific name: *Glossodia major*

Flowering time: August - September

Distinguishing features:

- Mauve or purple flowers 3.5-4.5cm across
- 30cm tall
- Base of labellum is white



Common name: Pepper Top Sun

Scientific name: *Thelymitra brevifolia*

Flowering time: September - November

Distinguishing features:

- Small blue- mauve flowers
- Dark brown post-anther lobe (top of column)



Common name: Slender Sun

Scientific name: *Thelymitra pauciflora*

Flowering time: September - December

Distinguishing features:

- To 50cm tall
- Purple- pinkish flowers open only in hot weather
- Central column has yellow apex



Common name: Blue Caladenia

Scientific name: *Cyanicula caerulea* syn. *Caladenia caerulea*

Flowering time: June - August

Distinguishing features:

- Blue with pale yellow labellum



Flowering times

	Flowering time	Genus	Species	Common Name
A U T U M N	Feb - May	<i>Chiloglottis</i>	<i>diphylla</i>	Common Wasp
	Feb - Jun	<i>Dipodium</i>	<i>obtusum</i>	Blunt Tongue
	Mar - Apr	<i>Acianthus</i>	<i>exsertus</i>	Dark Mosquito
	Mar - Aug	<i>Acianthus</i>	<i>pusillus</i>	Mosquito Orchid
	Mar - May	<i>Pterostylis</i>	<i>acuminata</i>	Sharp Greenhood
	Apr - Jun	<i>Petalochilus</i>	<i>pictus</i>	Painted Fingers
	Apr - Jul	<i>Corysanthes</i>	<i>pruinosa</i>	Toothed Helmet
	Apr - Jul	<i>Corybas</i>	<i>aconitiflorus</i>	Spurred Helmet
	Apr - Jul	<i>Corysanthes</i>	<i>fimbriata</i>	Fringed Helmet
	Apr - Aug	<i>Pterostylis</i>	<i>nutans</i>	Nodding Greenhood
W I N T E R	Apr - Nov	<i>Bunochilus</i>	<i>longifolus</i>	Tall Greenhood
	May - Aug	<i>Acianthus</i>	<i>fornicatus</i>	Pixie Cap
	May - Sep	<i>Taurantha</i>	<i>concinna</i>	Trim Greenhood
	Jun - Aug	<i>Cyanicula</i>	<i>caerulea</i>	Blue Caladenia
	Jun - Sep	<i>Pterostylis</i>	<i>curta</i>	Blunt Greenhood
	Jul - Nov	<i>Pterostylis</i>	<i>pedunculata</i>	Maroonhood
	Jul - Oct	<i>Tropilis</i>	<i>aemula</i>	Ironbark Orchid
	Aug - Sep	<i>Myrmechila</i>	<i>formicifera</i>	Ant Orchid
	Aug - Sep	<i>Glossodia</i>	<i>major</i>	Waxlip Orchid
	Aug - Sep	<i>Lyperanthus</i>	<i>suaveolens</i>	Brown Beaks
S P R I N G	Aug - Oct	<i>Petalochilus</i>	<i>carneus</i>	Pink Fingers
	Aug - Oct	<i>Petalochilus</i>	<i>catenatus</i>	White Fingers
	Aug - Oct	<i>Myrmechila</i>	<i>trapeziformis</i>	Broad-lip Bird
	Aug - Oct	<i>Pterostylis</i>	<i>baptistii</i>	King Greenhood
	Sep - Oct	<i>Calochilus</i>	<i>robertsonii</i>	Purplish Beard
	Sep - Oct	<i>Dockrillia</i>	<i>linguiformis</i>	Tongue Orchid
	Sep - Nov	<i>Calochilus</i>	<i>paludosus</i>	Red Beard Orchid
	Sep - Nov	<i>Stegostyla</i>	<i>testacea</i>	Honey Caps
	Sep - Nov	<i>Thelymitra</i>	<i>brevifolia</i>	Pepper Top Sun
	Sep - Dec	<i>Erythrorchis</i>	<i>cassythoides</i>	Climbing Orchid
S U M M E R	Sep - Dec	<i>Microtis</i>	<i>parviflora</i>	Slender Onion
	Sep - Dec	<i>Thelymitra</i>	<i>pauciflora</i>	Slender Sun
	Sep - Jan	<i>Calochilus</i>	<i>campestris</i>	Copper Beard
	Oct - Dec	<i>Cymbidium</i>	<i>suave</i>	Snake Orchid
	Oct - Jan	<i>Dipodium</i>	<i>variegatum</i>	Blotched Hyacinth
	Oct - Mar	<i>Cryptostylis</i>	<i>subulata</i>	Large Tongue
	Oct - Dec	<i>Diuris</i>	<i>sulphurea</i>	Tiger Orchid
	Nov - Jan	<i>Dipodium</i>	<i>punctatum</i>	Hyacinth Orchid

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This project is supported by Lake Macquarie City Council through its Environmental Sustainability Grants Program.


If you wish to know more about this and other Landcare projects in Lake Macquarie please contact the Landcare Resource Centre.



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