

Orchids in the Bathurst area



FRIENDS OF
Bathurst Nature

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Acknowledgements

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Orchids of South Africa by Steve Johnson and Benny Bytebier

Eastern Cape South African Wild flower guide 11 by John Manning

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How do you know that a plant is an orchid?

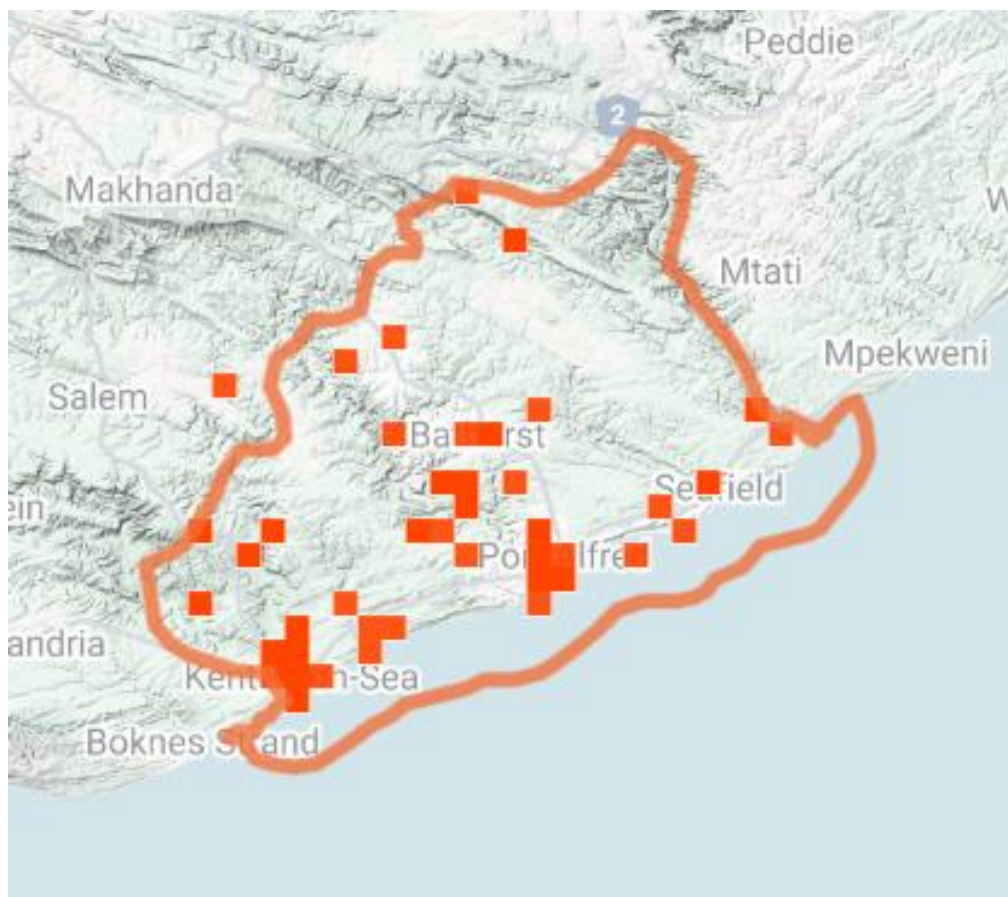
Orchids mostly have simple unbranched roots.

- The flowers of orchids typically have one petal that forms a lip and acts as a landing site for pollinators. Orchid flowers are bilaterally symmetrical.
- An easy way to confirm that a plant is an orchid is to check whether the orchid pollen packages stick to your finger when you swipe your finger over the flower.

Epiphytic species grow on trees. Their roots creep over the bark and absorb nutrients and water through a spongy layer on their roots. Epiphytic orchids often **have several shoots** next to each other.

Terrestrial orchids grow on the ground and are often associated with fungi which provides the plant with nutrients. Most terrestrial orchids **have one shoot** which stops growing when mature. It is replaced by a young root that emerges from the base.

Area covered in this booklet



Acrolophia cochlearis



Terrestrial

Where you may find it

Widespread in sandy coastal fynbos and scrub.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Aerangis mystacidii



Epiphyte	
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Where you may find it

Fairly common in subtropical coastal and submontane forest.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Angraecum pusillum



Epiphyte

Where you may find it

Very small, grows in temperate forests

Flowering time depends on the timing of rainfall

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Bonatea cassidea



Terrestrial

Where you may find it

Fairly common in forest and thicket.



Flowering time

A	S		O	N	D	J	F	M	A	M	J	J
---	---	--	---	---	---	---	---	---	---	---	---	---

Bonatea speciosa



Terrestrial

Where you may find it

Common in sandy soils on coastal scrub and forest margins.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Cyrtorchis arcuata



Epiphyte

Where you may find it

Common in coastal and mountain forests

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Disa bracteata



Terrestrial

Where you may find it

Common in disturbed grassland and roadsides.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Dispersis disiformis



Terrestrial

Where you may find it

Occasional in shaded spots in dry and open woodland.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Eulophia hians



Terrestrial

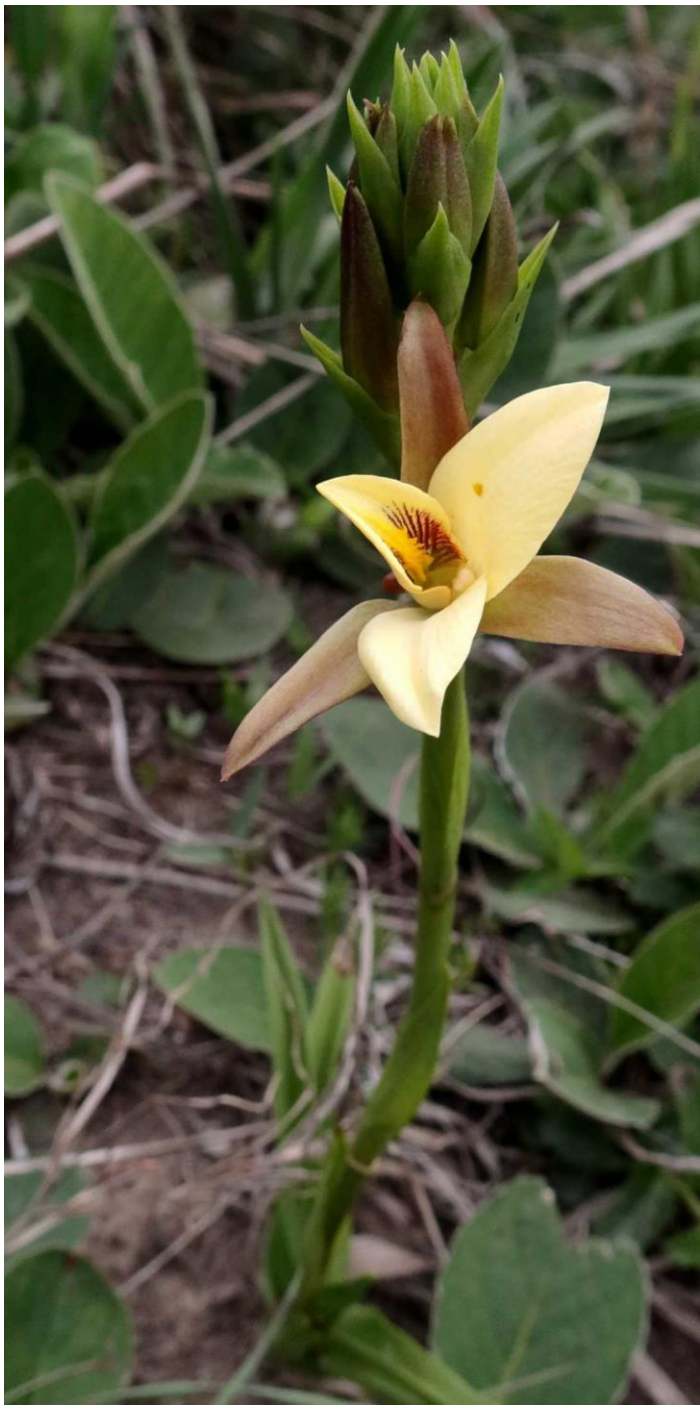
Where you may find it

Common in grassland.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Eulophia macowanii



	Terrestrial	
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Where you may find it

Rare or locally frequent in grassland

Flowering time

A			S	O	N	D	J	F	M	A	M	J	J
---	--	--	---	---	---	---	---	---	---	---	---	---	---

Eulophia speciosa



Terrestrial

Where you may find it

Open scrub in bushveld.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Eulophia streptopetala



Terrestrial

Where you may find it

Common under the shelter of other plants

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Habanaria arenaria



Terrestrial

Where you may find it

Common in shaded, seasonally dry habitats, scrub and forest.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Holothrix burchelli



	Terrestrial	
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Where you may find it

Grassland and dry rocky slopes.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Holothrix orthoceras



	Terrestrial	
--	-------------	--

Where you may find it

Common on the forest floor on mossy rocks.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Holothrix parviflora



Terrestrial

Where you may find it

Common in damp places on mossy rocks in sheltered position.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Mystacidium capense



Epiphyte

Where you may find it

Common in montane and lowland forests.
Found in many Bathurst gardens.



Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Mystacidium venosum



Epiphyte	
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Where you may find it

Occasional in montane
and coastal forests

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Polystachya pubescens



Epiphyte	
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Where you may find it

Fairly common in warm coastal forests, also on rocks in the full sun.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Polystachya ottoniana



Epiphyte	
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Where you may find it

Common in forested habitats often on tree trunks and rocks where it may form a mat.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Satyrium membranaceum



	Terrestrial	
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Where you may find it

Occasional on open grassy slopes.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Satyrium parviflorum



Terrestrial

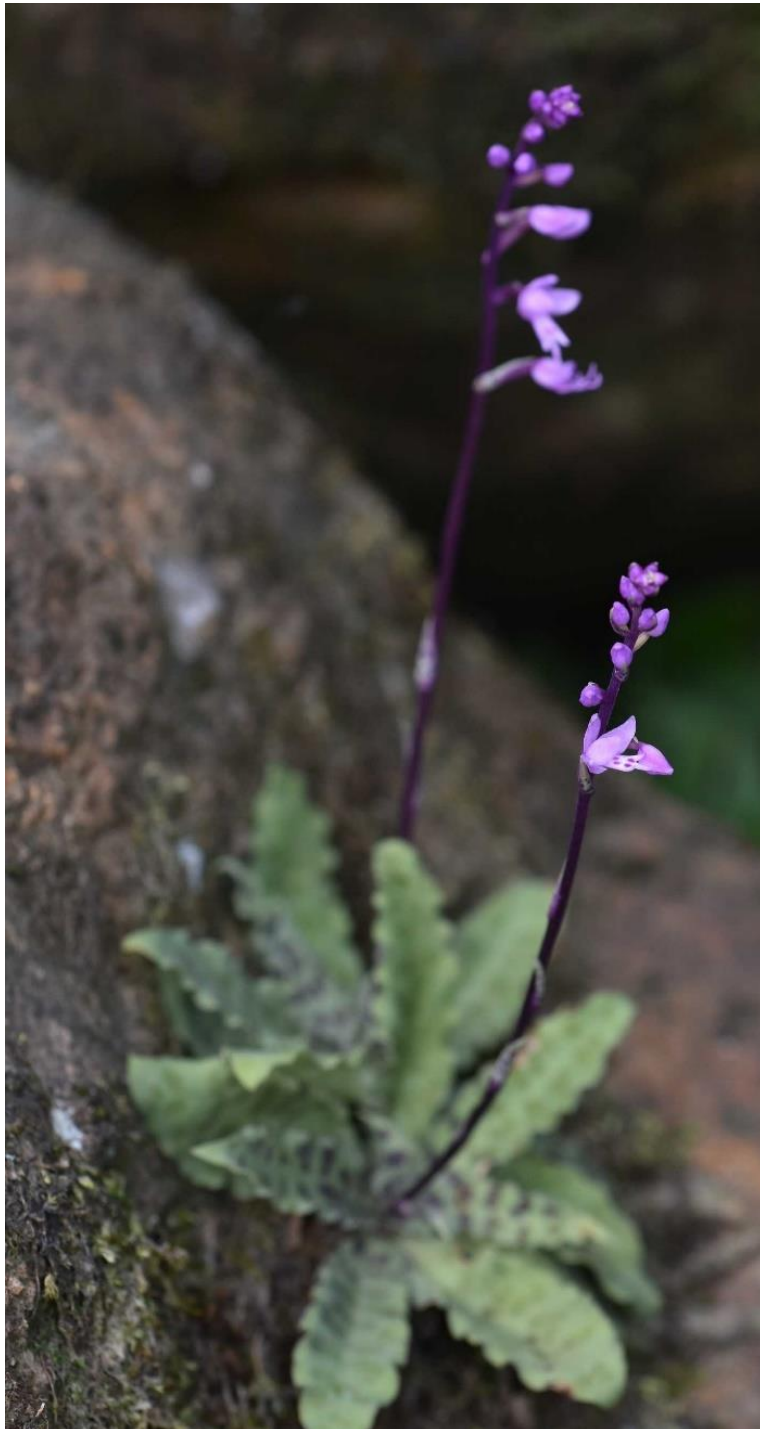
Where you may find it

Not common, but can be found in grassland, bush and forest margins.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Stenoglottis fimbriata



Epiphyte	
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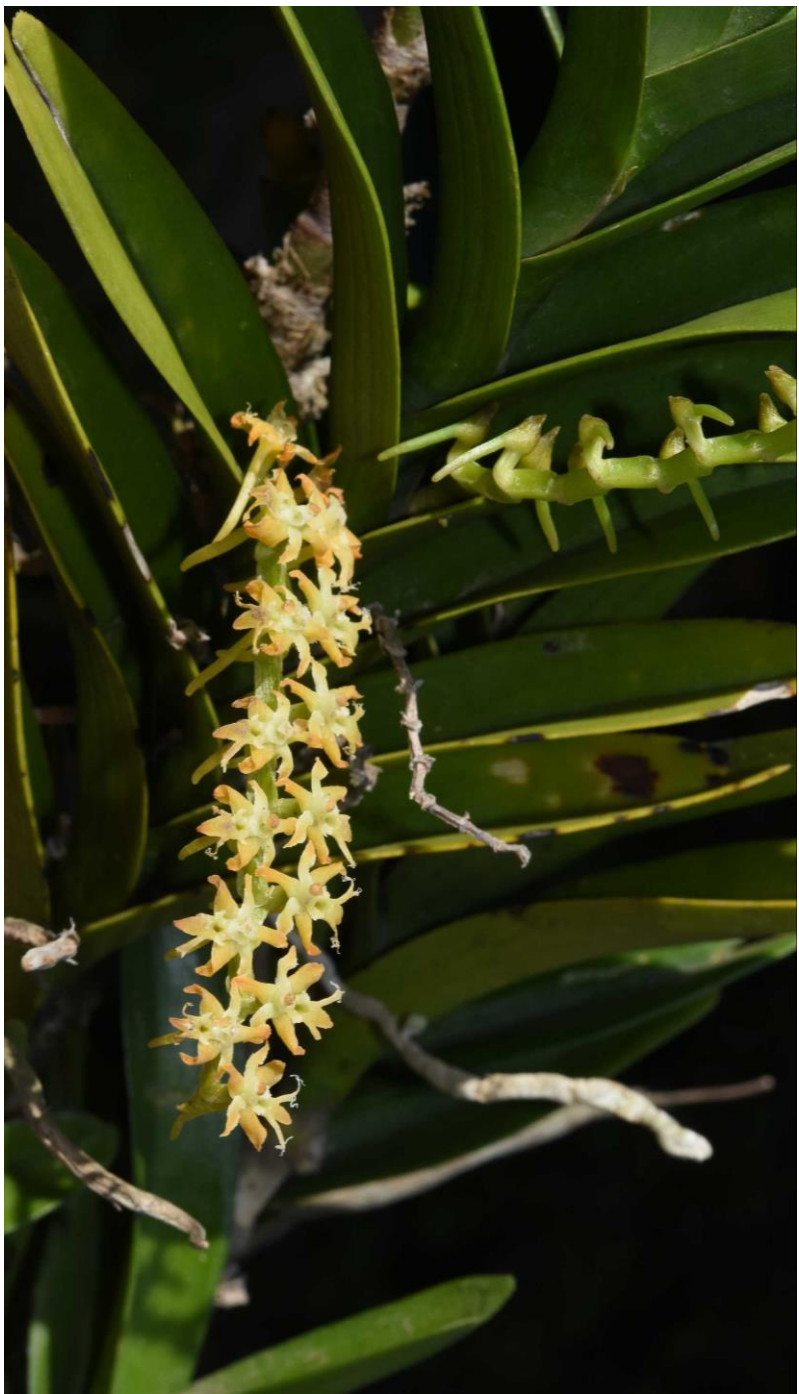
Where you may find it

This can also be a geophyte and even terrestrial. It can be found on forest floors and on mossy rocks.

Flowering time

A	S	O	N	D	J	F	M	A	M	J	J
---	---	---	---	---	---	---	---	---	---	---	---

Tridactyle bicaudata



Epiphyte	
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Where you may find it

This orchid can also grow on rocks.
Common in dry forests.

Flowering time

A	S	O	N	D	J	F		M	A	M	J	J
---	---	---	---	---	---	---	--	---	---	---	---	---

Summary of flowering months

Name	P	Flowering months												Photo provided by	
		A	S	O	N	D	J	F	M	A	M	J	J	JR	TD
<i>Acrolophiya cochlearis</i>	5													y	
<i>Aerangis mystacidii</i>	6													y	
<i>Angraecum pusillum</i>	7	Depends on rain												y	Y
<i>Bonatea cassidea</i>	8													y	Y
<i>Bonatea speciosa</i>	9														Y
<i>Cytorchis arcuata</i>	10													y	Y
<i>Disa bracteata</i>	11														Y
<i>Dispersis disiformis</i>	12														Y
<i>Eulophia hians</i>	13														Y
<i>Eulophia streptopetala</i>	16													Y	
<i>Habanaria arenaria</i>	17													y	Y
<i>Holothrix burchelli</i>	18													y	
<i>Holothrix orthoceras</i>	19													Y	
<i>Holothrix parviflora</i>	20													Y	
<i>Mystacidium capense</i>	21													y	Y
<i>Mystacidium venosum</i>	22													Y	
<i>Polystachya pubescens</i>	23													Y	Y
<i>Polystachya ottoniana</i>	24													Y	Y
<i>Satyrium membranaceum</i>	25													Y	Y
<i>Satyrium parviflorum</i>	26													Y	Y
<i>Stenoglottis fimbriata</i>	27														Y
<i>Tridactyle bicaudata</i>	28													y	

Yellow cells indicate flowering months. TD: Tony Dold, JR: John Richter



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