

## SPECIES MANAGEMENT PROFILE

*Thelymitra lucida* glistening sun-orchid

**Group:** Magnoliophyta (flowering plants), Liliopsida (monocots), Orchidales, Orchidaceae

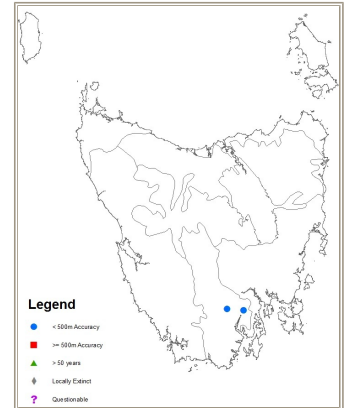
**Status:** *Threatened Species Protection Act 1995:* **endangered**  
*Environment Protection and Biodiversity Conservation Act 1999:* Not listed

**Endemic:** Found in Tasmania and elsewhere

**Status:**



**SUMMARY:** *Thelymitra lucida* (glistening sun-orchid) is a deciduous terrestrial orchid known in Tasmania from two locations in the south of the State, with only two records, despite numerous surveys in known and potential habitat. The species is typically rare and seldom collected and it is likely that the species occupies less than 1 ha and consists of fewer than 250 individuals in total in Tasmania, putting the species at a high risk of local extinctions due to the small size of sites. The species grows in swampy areas in open forest and woodland. Likely threats to the known sites include losses through vegetation clearance or land management changes, competition from weeds, inappropriate fire or disturbance regimes and climate change.



### Key Points

- Important:** Is this species in your area? Do you need a permit? Ensure you've covered all the issues by checking the Planning Ahead page.
- Important:** Different threatened species may have different requirements. For any activity you are considering, read the Activity Advice pages for background information and important advice about managing around the needs of multiple threatened species.

### Surveying

Key	Survey reliability more info
M	Best time to survey
M	Potential time to survey
M	Poor time to survey
M	Non-survey period

To ensure you follow the law - check whether your survey requires a permit. Always report any new records to the Natural Values Atlas, or send the information direct to the Threatened Species Section. Refer to the Activity Advice: Surveying page for background information.

<i>Thelymitra lucida</i>	Spring				Summer				Autumn				Winter											
glistening sun-orchid	S	S	O	O	N	N	D	D	J	J	F	F	M	M	A	A	M	M	J	J	J	J	A	A

- Flowers are required for the identification and to aid detection of this ground orchid which dies back to subterranean tubers after flowering. Surveys for *Thelymitra lucida* should be undertaken during its peak flowering period, November and December, ideally in hot weather when its flowers are most likely to be open. The species may not flower or emerge every year.
- Thelymitra lucida* grows in or near sedgy swamps on moist sandy or peaty soils, sometimes in standing water when in flower.

### Further information

Check also for listing statement or notesheet pdf above (below the species image).

**Cite as:** Threatened Species Section (2022). *Thelymitra lucida* (glistening sun-orchid): *Species Management Profile for Tasmania's Threatened Species Link*. <https://www.threatenedspecieslink.tas.gov.au/Pages/Thelymitra-lucida.aspx>. Department of Primary Industries, Parks, Water and Environment, Tasmania. Accessed on 7/7/2022.

**Contact details:** Threatened Species Section, Department of Primary Industries, Parks, Water and Environment, GPO Box 44,

Hobart, Tasmania, Australia, 7001. Phone (1300 368 550).

**Permit:** A permit is required under the Tasmanian *Threatened Species Protection Act 1995* to 'take' (which includes kill, injure, catch, damage, destroy and collect), keep, trade in or process any specimen or products of a listed species. Additional permits may also be required under other Acts or regulations to take, disturb or interfere with any form of wildlife or its products, (e.g. dens, nests, bones). This may also depend on the tenure of the land and other agreements relating to its management.