

SPECIES MANAGEMENT PROFILE

Plesiothele fentoni Lake Fenton Trapdoor Spider

Group: Arthropoda, Arachnida (spiders, mites, ticks, scorpions), Araneae (Spiders), Hexathelidae (Trapdoor Spider)

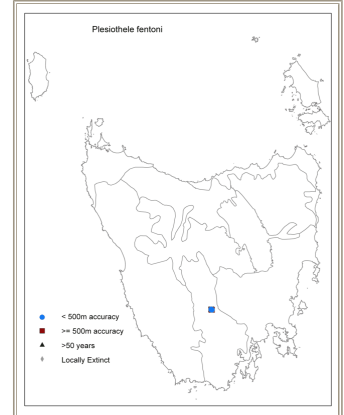
Status: *Threatened Species Protection Act 1995*: **endangered**
Environment Protection and Biodiversity Conservation Act 1999: Not listed

Endemic: Found only in Tasmania

Status:



The Lake Fenton Trapdoor Spider is a ground-dwelling spider growing to 1.5 cm in length, with a yellow-brown and strongly patterned abdomen. The species is only known from a few sites in southern Tasmania including Lake Fenton in the Mount Field National Park, where it occurs in subalpine woodland, and tentatively from the Tarraleah area, where it occurs in tall wet forest. Like other trapdoor spiders, the Lake Fenton Trapdoor Spider lives in burrows lined with silk. The burrows do not have a lid, are about 5 cm deep and entrances are about 1 cm in diameter. The key threats to the species are habitat loss through potential new tourist developments and maintenance of existing infrastructure, and from trampling or damage to the soft moss where the species makes its burrows. If the species is confirmed as more widespread (e.g. near Tarraleah), forestry activities may be a threat because the known sites may be within wood production forests.



A complete species management profile is not currently available for this species. Check for further information on this page and any relevant Activity Advice

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.

Further information

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

Cite as: Threatened Species Section (2024). *Lake Fenton Trapdoor Spider (Plesiothele fentoni): Species Management Profile for Tasmania's Threatened Species Link*. <https://www.threatenedspecieslink.tas.gov.au/Pages/Lake-Fenton-Trapdoor-Spider.aspx> Department of Natural Resources and Environment Tasmania. Accessed on 3/3/2024.

Contact details: Threatened Species Section, Department of Natural Resources and Environment Tasmania, 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.