

Pultenaea maidenii Maiden's Bush-pea

Description

Pultenaea maidenii Reader

Erect shrub to 1 m high; stems slightly ridged, with sparse, pale, spreading hairs on young growth. Leaves alternate, obovate, 6–10 mm long, 2–3 mm wide, concave to conduplicate; apex obtuse to cuneate, with small mucronate tip; upper surface glabrous, paler than lower; lower surface slightly hairy with prominent raised midrib; margin flat; stipules lanceolate, c. 1.5 mm long. Inflorescence a terminal head-like cluster of 4–6 flowers; bracts broadly ovate to almost orbicular, 1–3 mm long and wide, with a central patch of hairs and scarious margin; calyx 5–6 mm long, covered with golden hairs; bracteoles attached between base and centre of calyx tube, linear-lanceolate, c. 2 mm long, hairy; standard 7–8 mm wide; ovary and lower third of style covered with golden hairs. Pod not seen. Flowers Nov. (VicFlora 2021)

Current conservation status

Listed as Extinct in Australia under the *Environment Protection and Biodiversity Conservation Act 1999*.

Proposed conservation status

Extinct (EX) in Australia.

Criteria for Extinct status

As per Schedule 1 of the Flora and Fauna Guarantee Regulations 2020, the primary criterion for the category of threat 'extinct' is met if–

- (a) exhaustive surveys throughout the taxon's historic range fail to record an individual member of the taxon; and
- (b) those surveys were conducted over a time frame appropriate to the taxon's life cycle and life form, in known or expected habitat and at appropriate times (diurnal, seasonal, annual).

Historical records of the species were retrieved from the Victorian Biodiversity Atlas. A 50km buffer was placed around each location, and all surveys of appropriate surveying method to date were retrieved. In total, 2,015 appropriate surveys have taken place within the historic range with no records of *P. maidenii* since 1980.

Victorian Biodiversity Atlas search results	
Number of known historical locations	3
Last known record	1980
Total recorded surveys to date within 50km of all historical locations	2,015
Survey methods searched	External data, Monitoring, Quadrat

***External data:** Additional observation records collected by third parties. **Monitoring:** Observations recorded from surveys of bushfire hazard mapping surveys, pre-harvest surveys, indicator- or all-species assessments, etc. **Quadrat:** Square vegetation quadrats to measure vegetation attributes of an area (plant density, frequency, biomass, etc.)



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Historical distribution

The taxon is known only from a few collections made between 1903 and 1906 from the south-west side of the Victoria Range in the Grampians (VicFlora 2021) and was believed to be endemic to Victoria.

References

VicFlora (2021). Flora of Victoria. Flora of Victoria, Royal Botanic Gardens Victoria: *Pultenaea maidenii*. Retrieved from: <https://vicflora.rbg.vic.gov.au/flora/taxon/485f69b2-8de4-4294-9dca-3c35692929f3>