

NSW SCIENTIFIC COMMITTEE

Preliminary Determination

The Scientific Committee, established by the *Threatened Species Conservation Act 1995* (the Act), has made a Preliminary Determination to support a proposal to remove the herb *Aphanes pentamera* Rothm. from the Schedules of the Act by omitting reference to this species from Part 4 of Schedule 1 (Species presumed extinct). The omission of species from the Schedules is provided for by Part 2 of the Act.

The Scientific Committee has found that:

1. *Aphanes pentamera* Rothm. (family Rosaceae) was considered to be restricted to Victoria (Willis 1972) and is listed as a species presumed extinct in New South Wales under the Act.
2. *Aphanes pentamera* has been removed from the list of threatened species in the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).
3. *Aphanes pentamera* is considered to be a synonym of the widespread *A. australiana* (Rothm.) Rothm. (Jeanes and Jobson 1996; APC 2016, PlantNET 2016, VicFlora 2016).
4. In view of the above, the Scientific Committee is of the opinion that *Aphanes pentamera* Rothm. is no longer eligible to be listed as an Extinct species in Part 4 of Schedule 1 of the Act.

Dr Mark Eldridge
Chairperson
Scientific Committee

Exhibition period: 10/03/2017 – 05/05/2017

Proposed Gazettal date: 10/03/2017

References:

APC (Australian Plant Census) National Species List APNI/APC. Council of Heads of Australasian Herbaria (CHAH). <https://biodiversity.org.au/nsl/services/apc> (accessed 11 November 2016).

Jeanes JJ, Jobson PC (1996) Rosaceae. *Flora of Victoria* **3**, 556–585.

PlantNET (The NSW Plant Information Network System) Royal Botanic Gardens and Domain Trust, Sydney. <http://plantnet.rbgsyd.nsw.gov.au> (accessed 11 November 2016).

VicFlora (2016) 'Flora of Victoria.' Royal Botanic Gardens Victoria. <https://vicflora.rbg.vic.gov.au/> (accessed 11 November 2016).

Willis JA (1972) 'A handbook to plants in Victoria.' Vol. 2. (Melbourne University Press: Melbourne)