

NSW SCIENTIFIC COMMITTEE

Final Determination

The Scientific Committee, established by the *Threatened Species Conservation Act 1995* (the Act), has made a Final Determination to remove *Callitriche cyclocarpa* Hegelm. from the Schedules of the Act by omitting reference to this species from Part 1 of Schedule 2 (Vulnerable species). The omission of species from the Schedules is provided for by Part 2 of the Act.

The Scientific Committee has found that:

1. *Callitriche cyclocarpa* Hegelm. (Western Water-star) (family Callitrichaceae) was considered to be restricted to New South Wales (NSW) and Victoria (Jeanes 1999).
2. *Callitriche cyclocarpa* is listed under the Act as Vulnerable and is not listed under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).
3. Bean (2007) assessed the taxonomic status of *Callitriche cyclocarpa* when revising the genus for Australia and determined that it was a synonym of *C. umbonata* Hegelm., a taxon not listed under the Act nor under the EPBC Act. Bean (2007) has been followed in PlanNET (2016) and the Australian Plant Census (APC 2016).
4. In view of the above, the Scientific Committee is of the opinion that *Callitriche cyclocarpa* Hegelm. is no longer eligible to be listed as a Vulnerable species in Part 1 of Schedule 2 of the Act.

Dr Mark Eldridge
Chairperson
Scientific Committee

Exhibition period: 16/12/16 – 10/02/17

Proposed Gazettal date: 16/12/16

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 7 March 2016)

Bean AR (2007) A taxonomic revision of *Callitriche* L. (Callitrichaceae) in Australia. *Austrobaileya* **7**, 545–554.

Jeanes JA (1999) Callitrichaceae. *Flora of Victoria* **4**, 459–463.

PlantNET (The NSW Plant Information Network System) Royal Botanic Gardens and Domain Trust, Sydney. <http://plantnet.rbgsyd.nsw.gov.au> (accessed 7 March 2016)