

# 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 *Caladenia porphyrea* D.L.Jones from the Schedules of the Act by omitting reference to this species from Part 1 of Schedule 1 (Endangered species). The omission of species from the Schedules is provided for by Part 2 of the Act.

The Scientific Committee has found that:

1. *Caladenia porphyrea* D.L.Jones (family Orchidaceae) was described by Jones (1999) who stated that this species was endemic to New South Wales and listed specimens collected from near Wyong at Wyrabalong National Park and Norah Head.
2. The species was listed under the *Threatened Species Conservation Act 1995* in 2006.
3. Examination of plant descriptions and herbarium specimens has indicated that *Caladenia porphyrea* is conspecific with *C. quadrifaria* (R.S.Rogers) D.L.Jones (M. Duretto *in litt.* August 2015; M. Clements *in litt.* February 2015), a widespread species not listed under the Act. The Commonwealth Threatened Species Scientific Committee has decided to delist *C. porphyrea* (see Threatened Species Scientific Committee 2015).
4. In view of the above, the Scientific Committee is of the opinion that *Caladenia porphyrea* D.L.Jones is no longer eligible to be listed as an Endangered species in Part 1 of Schedule 1 of the Act.

Dr Mark Eldridge  
Chairperson  
Scientific Committee

Exhibition period: 05/08/16 – 30/09/16

Proposed Gazettal date: 05/08/16

### References:

Jones DL (1999) Eight new species of *Caladenia* (Orchidaceae) from eastern Australia. *The Orchadian* **13**, 4–24.

Threatened Species Scientific Committee (2015) Listing Advice *Caladenia porphyrea*, magenta orchid. <http://www.environment.gov.au/biodiversity/threatened/species/pubs/55117-listing-advice.pdf> (accessed 21 September 2015)