

NSW SCIENTIFIC COMMITTEE

Determination to make a minor amendment to Schedule 1 of the Threatened Species Conservation Act

The Scientific Committee, established by the *Threatened Species Conservation Act 1995* (the Act), has made a determination to amend the list of ENDANGERED SPECIES by inserting *Cassia marksiana* (F.M.Bailey) Domin in Part 1 of Schedule 1 of the Act and, as a consequence, omitting reference to *Cassia brewsteri* var. *marksiana* Bailey. This amendment is the result of a change in the name of the species following taxonomic revision. This determination is made pursuant to Division 5 of Part 2 of the Act.

The Scientific Committee has found that:

1. *Cassia brewsteri* var. *marksiana* Bailey (family Fabaceae;) was originally listed as an Endangered species under the Act in 2000. The taxon is now recognised at the rank of species, viz. *C. marksiana* (F.M.Bailey) Domin (e.g. APC 2016; PlantNET 2016).
2. *Cassia marksiana* is described as “Tree to 20 m high, evergreen. Leaves usually 15–23 cm long; pinnae 5–8 pairs, lanceolate to oblong-ovate, 2–9 cm long, 1.5–4 cm wide, glabrous except for midrib on lower surface; petiolules 3–4 mm long. Racemes erect, 7–8 cm long, many-flowered; pedicels 15–20 mm long. Petals 8–11 mm long, yellow. Pod cylindrical, woody, 10–30 cm long, 10–15 mm diam.; seeds discoid, 20–50.” (PlantNET 2016).
3. *Cassia marksiana* is found in north-eastern New South Wales (NSW) and south-eastern Queensland. In NSW, the species is known from north of Brunswick Heads and around Murwillumbah.
4. The Scientific Committee is of the opinion that an amendment to the Schedule is necessary or desirable to reflect a change in the name of a species in Schedule 1 as a result of taxonomic revision.

Dr Mark Eldridge
Chairperson
Scientific Committee

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).

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