

NSW SCIENTIFIC COMMITTEE

Final Determination

The Scientific Committee, established by the Threatened Species Conservation Act, has made a Final Determination to remove *Kardomia granitica* (A.R. Bean) Peter G. Wilson 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. *Kardomia granitica* (A.R. Bean) Peter G. Wilson is described by Bean (1997), under the name *Babingtonia granitica*, as: “Shrub to 2 m high. Bark grey, longitudinally fissured. Stem flanges white to grey, flat, not winged, not warty, entire. Leaves oblanceolate, 2.5–3.3 mm long, 0.7–1.4 mm wide, straight, plano-convex, acute, not keeled, entire or minutely denticulate; oil glands conspicuous on lower surface; no veins visible; petiole 0.5–0.7 mm long. Inflorescence axillary, 1-flowered; peduncle 0.5–1.1 mm long; pedicels 0.6–1.5 mm long; bracteoles 2, narrowly-conical, cymbiform, c. 1.6 x 0.5 mm, persistent, apex acute. Hypanthium obconical, 1.5–1.9 mm long, papillose, fused to the ovary except at top. Sepals compound; inner lobe obtuse, 0.4–0.5 x 0.8–0.9 mm, thin, margins fimbriate; outer lobe triangular, 1.0–1.5 mm long, thick, apex acuminate. Corolla white, up to 6 mm across; petals orbicular, 1.8–2.2 mm across, margins fimbriate; oil glands present. Stamens 5–9, often 7, some opposite sepals and others placed between sepals and petals, stamens opposite sepals shorter than remainder; filaments terete, 0.3–0.5 mm long, geniculate, with a brown connective gland fused to the upper part of filament at bend; anthers adnate, c. 0.2 mm long, dehiscent by elliptical pores; anther loculi fused. Style c. 0.6 mm long, set into a pit; stigma broadly capitate. Ovary 3-locular; floral disc concave; ovules 8–9 per loculus, arranged in two longitudinal rows on placenta. Fruits and seeds not seen.”
2. Bean (1997) stated that this species was “endemic to the ‘Granite Belt’ in the extreme south of Queensland near Stanthorpe” where it was recorded from three small populations.
3. The species has not been included in the Flora of New South Wales and its listing under the *Threatened Species Conservation Act 1995* was based on its inclusion in Briggs & Leigh (1995) as ‘*Baেকেa* sp. 4 (Pyramids; W.J.McDonald 357)’ with a presumed Queensland and NSW distribution because of its preference for granite substrates.
4. No records are known for the species from NSW and no herbarium specimens exist for NSW. *Kardomia granitica* is not eligible for consideration under the *Threatened Species Conservation Act 1995* it is not known to occur naturally in NSW.
5. In view of the above the Scientific Committee is of the opinion that *Kardomia granitica* (A.R. Bean) Peter G. Wilson is no longer eligible to be listed as a Vulnerable species in Part 1 of Schedule 2 of the Act.

Dr Andrea Wilson
Deputy Chairperson
Scientific Committee

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References:

Bean AR (1997) Reinstatement of the genus *Babingtonia* Lindl. (Myrtaceae, Leptospermoideae). *Austrobaileya* 4, 627–645.

Briggs JD, Leigh JH (1995) Rare or Threatened Australian Plants. Revised edn. (CSIRO Publishing, Collingwood).

Harden G (1991) Flora of New South Wales. Volume 2. (UNSW Press Sydney).

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