



Pimelea oreophila subsp. *ephaistica*

Common Name(s):

Pimelea

Current Threat Status (2012):

Data Deficient

Distribution:

Endemic. New Zealand: North Island (Pureora, Hauhangaroa Range, Central Volcanic Plateau, western Kaimanawa and northern Ruahine Ranges)

Habitat:

Montane to alpine, on developed and recent (skeletal) soils derived from tephra amongst tall and short tussock grasslands, in open shrublands, low scrub and in *Schoenus pauciflorus* sedgeland.

Features*:

Procumbent, trailing shrub, with few to many, slender (2.0–2.5 mm), brown, flexible young stems, these invested with a moderate cover of short, appressed hairs, internodes 2–4mm long, node buttresses lunate to elongate, not prominent on leafless stems. Older stems slender (to 3.5 mm), dark brown, up to 500 mm long, occasionally with adventitious roots, sometimes climbing in upright shrubs. Reduced in stature on exposed sites with rocky substrates, sometimes forming short-stemmed, appressed rosettes. Branching mainly sympodial. Young stems brown, moderately densely covered in short or moderately long, white, grey or sometimes yellowish appressed hair cover; older stems darker brown, glabrate. Internodes of young stems 1–5mm long. Node buttresses lunate to elongate, or sometimes extending the full length of internodes, with bands of hair between; usually not very prominent on leafless stems. Leaves decussate, on short (0.5–1.0 mm), often red petioles, ascending at first, usually becoming patent, often with a distichous appearance on prostrate stems. Lamina 4–8 × 2–4 mm, glaucous or medium to dark green, usually ovate, narrow, flat, often with a red margin flat, mid-vein evident; tip acute but usually blunt-pointed, sometimes obtuse; base cuneate; abaxial hairs short, white, usually sparse on margins, midrib and tip, often becoming glabrous as leaves age; stomata on both adaxial and abaxial surfaces. Inflorescences terminal, 5–15-flowered, receptacle densely covered in short hairs. Involucral bracts 4, the same size as ordinary leaves, or larger (6 × 4 mm). Plants gynodioecious. Flowers white, fragrant, on short pedicels (0.3 mm) densely covered with short hairs outside; inside hairless. Female tube 2.5–4.0 mm long, ovary portion 3 mm, calyx lobes 1–2 × 1 mm; hermaphrodite tube 4–6 mm long, ovary portion 2 mm, calyx lobes 2.0–3.0 × 1.5–2.0 mm. Anther dehiscence introrse. Ovary with dense clump of short or long hairs at summit. Fruits ovoid, fleshy, red, 4 × 3 mm. Seeds ovoid 2.7 × 2.3 mm.

Flowering:

September - February

Fruiting:

Unknown

Threats:

Probably not threatened. However as *Pimelea oreophila* subsp. *lepta* was not assessed by Burrows (2011) using the New Zealand Threat Classification Manual (Townsend et al. 2008) it has no valid threat assessment. So at this stage it seems best to recommend a interim threat assessment of "Data Deficient".

*Attribution:

Fact sheet prepared for NZPCN by P.J. de Lange (28 April 2011). Description adapted from Burrows (2011).

References and further reading:

Burrows, C.J. 2011: Genus *Pimelea* (Thymelaeaceae) in New Zealand 4. The taxonomic treatment of ten endemic abaxially hairy-leaved species. *New Zealand Journal of Botany* 49: 41–106.

Townsend, A.J.; de Lange, P.J.; Norton, D.A.; Molloy, J.; Miskelly, C.; Duffy, C. 2008: The New Zealand Threat Classification System manual. Wellington, Department of Conservation.

For more information, visit:

http://nzpcn.org.nz/flora_details.asp?ID=6673