

# Plants of South Eastern New South Wales

## Common name

A guinea flower

## Family

Dilleniaceae

## Where found

subsp. *extensa*: Heath on rock shelves or upland swamps. Upper headwaters of Georges river and Wangandery Tableland.

subsp. *glabrescens*: Remnant **shrubland** and **grassland** along a creek at Bankston airport, Sydney.

subsp. *puberula*: **Woodland**, low **heath**, sometimes in rocky places. Wollemi National Park south to Morton National Park and east to near Nowra.

## Notes

**Shrub** to 0.25 m high or sprawling. Stems **wiry** to stiff, the leaf bases continuing down the stems, more or less flanged, hairy, with **simple** hairs, sometimes becoming hairless. Leaves **alternating** up the stems, 0.12-0.8 cm long, 0.5-1.8 mm wide, margins rolled down, the recessed to bulging broader central **vein** obscuring the undersurface, surfaces sparsely hairy. Tufts of hairs at the bases of the leaves. Flowers with 5 yellow **petals** each 5.5–10.6 mm long. **Stamens** 4–18, on one side of the **carpels**. Carpels 2, hairy. Flowers single at the ends of the stems, rarely in clusters of up to 3 flowers at the bases of the leaves, stalks 0-3 mm long. Flowering: October – January.

Endangered NSW. Provisions of the NSW Biodiversity Conservation Act 2016 No 63 relating to the protection of protected plants generally also apply to plants that are a threatened species.

NSW Threatened Species profile: <http://www.environment.nsw.gov.au/threatenedSpeciesApp/profile.aspx?id=10402> (accessed 6 January, 2021)

**subsp. *extensa***: Side branches usually **spreading**, at up to about right angles to the main axis. Stamens 4-7. **Anthers** 0.8-1.2 mm long. Outer **calyx** lobes 3.1-3.8 mm wide, margins more or less strongly curved down, with a distinctly raised ridge towards the tip, hairy or covered with **appressed** rigid bristly hairs.

**subsp. *glabrescens***: Irregularly and commonly untidily branched. Stamens 9-18. Anthers 0.9-1.3 mm long. Outer calyx lobes 1.6-2.1 mm wide, margins scarcely curved down, scarcely ridged towards the tips, hairy with short hairs to hairless.

Critically Endangered Australia. Critically Endangered NSW (as *Hibbertia* sp. **Bankstown** (R.T. Miller & C.P. Gibson s.n. 18/10/2006)). Provisions of the NSW Biodiversity Conservation Act 2016 No 63 relating to the protection of protected plants generally also apply to plants that are a threatened species.

NSW Threatened Species profile (as *Hibbertia* sp. **Bankstown**): <http://www.environment.nsw.gov.au/threatenedSpeciesApp/profile.aspx?id=20140> (accessed 6 January, 2021)

**subsp. *puberula***: Irregularly and commonly untidily branched. Stamens 9-18. Anthers 1.3-2.1 mm long, Outer calyx lobes 2.5-3.8 mm wide, margins strongly curved down, distinctly raised ridge towards the tips, covered with appressed rigid bristly hairs, or hairy, rarely becoming hairless.

PlantNET description of species with photos and key to subspecies: <http://plantnet.rbgsyd.nsw.gov.au/cgi-bin/NSWfl.pl?page=nswfl&lvl=sp&name=Hibbertia~puberula> (accessed 6 January, 2021)

Descriptions partly based on: Toelken, H.R. & Miller, R.T. (2012), Notes on *Hibbertia* (Dilleniaceae) 8. Seven new species, a new combination and four new subspecies from subgen. Hemistemma, mainly from the central coast of New South Wales. *Journal of the Adelaide Botanic Gardens* 25: 81-84, Fig 2Y-EE

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