

# WATTLE

## *Acacias of Australia*

### *Acacia mackenziei* Maslin & R.L.Barrett



Acacia mackenziei occurrence map.  
Occurrence map generated via Atlas of Living  
Australia (<https://www.ala.org.au>).

#### Common Name

Norm's Whorled Wattle

#### Family

Fabaceae

#### Distribution

Occurs in the E Kimberley region, SE of Kununurra, in northern W.A.

#### Description

Spindly, single-stemmed, sparingly branched, **erect shrub** 1–2 m tall. **Branchlets** densely **pubescent** with short, **patent** or slightly **retorse** hairs. **Stipules** setaceous to **linear-triangular**, mostly 1.5–2.5 mm long. Phyllodes 14–20 per whorl, 4–10 mm long, 0.4–0.7 mm wide, apices terminated by a **setose** point 1–1.5 mm long, **ascending** to **erect** to **patent**, mostly flat, **straight** to shallowly **recurved**, **pubescent** by fine, very short hairs to c. 0.1 mm long; **longitudinal** nerves 1 or 3 on lower surface. Peduncles 10–17 mm long, **pubescent** with hairs similar **branchlets** except less **dense**. Heads 35–45-flowered; bracteoles narrowly **lanceolate**, 2.5–3.5 mm long, slightly **exserted** in buds, **glabrous**, long-**acuminate** to **caudate**. Flowers 5-**merous**; **calyx** 1/3–2/5 length of **corolla**, shortly dissected into 5–10, **linear** to narrowly **triangular** lobes; petals 5, **striate** but sometimes obscurely so, **glabrous** or sparsely short-hairy at apices. Pods **sub-sessile**, **narrowly oblong**, 25–50 mm long, 6–7 mm wide, flat but raised over seeds along midline; marginal **nerve** thickened. Seeds **longitudinal**, irregularly **obloid** to cubic or widely **ellipsoid**, 4–4.5 mm long, black, slightly shiny.

#### Phenology

Paucity of collections prevents a comprehensive assessment of phenology but seemingly flowers from late 'wet season' at the end of Jan., continuing to at least early Apr.; mature pods often occur with flowers.

#### Habitat

Known from only a single sandstone range.

#### Notes

Closely related to *A. anasilla* which is distinguished by its denser and more conspicuous branchlet indumentum, generally longer peduncles and shorter calyx, and phyllodes with longer apical setae and a more conspicuous indumentum of longer hairs. Also related to *A. perryi* and *A. prolata* which have ±nerveless phyllodes; *A. perryi* is further distinguished by its non-setose phyllode mucro, and *A. prolata* by its normally free sepals that are c. 1/2 the length of the petals. See B.R.Maslin, *Nuytsia* 24: 190–191 (2014) for further discussion.

#### Conservation

*Acacia mackenziei* is listed as Priority One under Department of Parks and Wildlife Conservation Codes for Western Australian Flora.

#### FOA Reference

Flora of Australia Project

#### Author

B.R. Maslin

This identification key and fact sheets are available as a mobile application:



Australian Government  
Department of the Environment and Energy



Department of  
Biodiversity, Conservation  
and Attractions  
Western Australian Herbarium



URL: <https://keys.lucidcentral.org/keys/v3/wattle>  
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