

Fabaceae

Jacksonia scoparia

dogwood, winged broom-pea

Ann Moran
Field Botanist



ETYMOLOGY

(jack-SO-nee-a) after George Jackson (1780-1811) Scottish botanist; The latin species scoparia (sco-PAH-ree-ah) thin twigs; form of broom;

LIFEFORM

Shrub 1-4 m x 1.5 m spread

STATUS

Endemic to Australia; Widespread in Central Qld (North limit Shoalwater Bay) Qld to OxleyWild Rivers N P in Northern Tablelands NSW

OCCURS

Shoalwater Bay to Ipswich, Qld to Bega NSW

QLD DISTRICTS

Burnett, Darling Downs, Leichhardt, Maranoa, Moreton, Port Curtis, Wide Bay

HABITAT

Inland dry woodlands, hillsides ridges

LEAVES

Alternate, reduced to minute scales, angular, grey-green stems;

FLOWERS

Pea-shaped, 6-8 mm, scented, dark gold-yellow with brown sepals in racemes towards the ends of stems; **Flowering times** June, July, Aug, Sept, Oct After rain

FRUIT

Pods, 6-12 x 3 mm, oblong, swollen covered in white silky hairs; Releasing seed at maturity, hard coated seed 3 mm green with brown spots, soil-stored seedbank

Fruiting times

Oct, Nov, Dec

BARK

Furrowed, rough dark grey bark orange brown underneath; Some root suckering

STEM

Erect shrub with strong angled to winged stems and grey angled smooth branchlets.

ETHNOBOTANY

Ornamental potential usage in landscaping, screen plant; Useful fodder that is relished by cattle; Scented flowers visited by European honey bees *Apis mellifera* gather pollen and nectar (Clemson 1985); Burnt wood smells of wet dog; Hence the common name;

TOLERANCE

Full sun, drought

WILDLIFE

Sweet scented flowers attract many insects butterflies and moths;

NATIVE BEES

Hylaeus sanguinipictus, *Megachile mystaceana* (fire-tailed resin bee) *Leioproctus zephyr*

INSECTS

Anthela guenei, *Antimima cryptica*, *Astraeus flavopictus*, *Calcarifera ordinata*, *Lichenaula undulatella*, *Maroga melanostigma* fruit tree borer, *Melobasis jacquelineae*, Seed predator anthribid beetle (Auld 1991) Wood Borers,

BIRD

Sulphur-crested Cockatoo (seeds); Yellow-tailed Black Cockatoo (feed on borers)

BUTTERFLY

Candalides heathi Rayed Blue, fiery jewel, *Canadalides cyprotus*, *Hypochrysops halyaetus*, *Hypochrysops ignitus*, *Neolucia agricola* fringed heath blue

INDIGENOUS USES

Aboriginal people gathered pollen from flowers

ID FEATURE

Root nodules nitrogen-fixing. Leafless branches, angular, needle-like ribbed covered on very short hairs or densely scaled; Flowers yellow pea-shaped; Outer surface of calyx beige or grey-green hairs; keel yellow; Fruit with stipe 3-5 mm, style 3-8 mm;