

Lysimachia vulgaris

COMMON NAMES

Yellow loosestrife

BIOSTATUS

Exotic

CONSERVATION STATUS

Not applicable

CATEGORY

Vascular

STRUCTURAL CLASS

Herbs - Dicotyledons other than Composites

SIMPLIFIED DESCRIPTION

Tall (up to 1 m) plant with paired (or 3 or 4's) willow-like leaves up the more-or-less upright stems, groups of 10 or more yellow flowers, 1.5 cm across.

FLOWER COLOURS

Yellow

DETAILED DESCRIPTION

Summergreen herb; stems erect, \pm minutely glandular-hairy, to c. 1 m tall, arising from underground rhizomes. Lvs opposite, shortly petiolate to subsessile. Lamina 4-11 \times 1.5-4 cm, lanceolate to ovate or elliptic, glabrous above, minutely glandular-hairy beneath and dotted with black glands, entire; base cuneate to rounded; apex acute. Panicle terminal, many-flowered, glandular-puberulent, with leaflike bracts subtending lower branches; upper bracts subulate to lanceolate. Pedicels often $>$ fls. Calyx 4-5 mm long; lobes lanceolate, acuminate, rounded at base, glandular-ciliate and dark-margined. Corolla limb c. 2 cm diam., yellow, often with pinkish flush towards base, dotted with minute glands; lobes 7-10 mm long, \pm elliptic-oblong. Stamens 3-5 mm long; filaments united to c. $\frac{1}{3}$ length, densely glandular-scaly. Style $>$ stamens, glabrous. Capsule 3-4.5 mm diam., \pm globose. Seed broad-ellipsoid, flattened with thick rounded margin.

SIMILAR TAXA

Non-flowering plants are similar to purple loosestrife (*Lythrum salicaria*) but in yellow loosestrife the upper surface and edges of the leaves are dotted with black or orange glands.

DISTRIBUTION

Scattered distribution, two sites in the Waikato and scattered sites in southern Westland.

HABITAT

Wet grassland and the margins of water bodies.

GENUS

Lysimachia

FAMILY

Primulaceae

AUTHORITY

Lysimachia vulgaris L.



Lysimachia vulgaris. Photographer: John Smith-Dodsworth, Licence: CC BY-NC.



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ENDEMIC FAMILY

No

FLOWERING

December to April

FRUITING

Autumn

YEAR NATURALISED

1940

ORIGIN

Europe, temperate Asia

REASON FOR INTRODUCTION

Ornamental plant

CONTROL TECHNIQUES

Not controlled in New Zealand.

LIFE CYCLE AND DISPERSAL

Seed spread by water movement, deliberate planting or garden discards

REFERENCES AND FURTHER READING

Webb, C.J.; Sykes, W.R.; Garnock-Jones, P.J. (1988). Flora of New Zealand Volume 4: Naturalised pteridophytes, gymnosperms, dicotyledons. Botany Division, DSIR, Christchurch.

Clapham, A.R.; Tutin, T.G.; Warburg, E.F. (1962). Flora of the British Isles. Cambridge University Press, Second Edition. 1269pp.

ATTRIBUTION

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MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/lysimachia-vulgaris/>

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