

Humulus lupulus var. lupulus

COMMON NAMES

hops

FAMILY

Cannabaceae

AUTHORITY

Humulus lupulus L. var. *lupulus*

FLORA CATEGORY

Vascular – Exotic

STRUCTURAL CLASS

Lianes & Related Trailing Plants - Dicotyledons

CONSERVATION STATUS

Not applicable

HABITAT

Terrestrial.

DETAILED DESCRIPTION

Dioecious or monoecious climber with extensive roots. Stems striate, up to 10m long and clothed in rough deflexed hairs. Leaves broadly ovate, not lobed or deeply 3~5-lobed; lobes acute to acuminate, serrate, generally glabrous to sparsely hairy above, generally glabrous to moderately hairy with yellow glandular hairs below. Petiole usually equal to leaf blade. Stipules 2 per node and 2-fid or 4 per node and entire. Bracts of female flowers triangular, hairy, green, elongating and becoming yellowish at fruiting to form a cylindric-ovoid infructescence (the hop) with yellow glandular hairs esp. at base of bracts. Calyx of male flowers ovate-triangular, green, hairy. Achene ovate-ellipsoid, covered by glandular calyx. (- Webb et. al., 1988)

SIMILAR TAXA

Climber with extensive roots; stems up to 10m long; dioecious (male and female flowers on different plants) or monoecious (same plant); bracts of female flowers triangular, hairy, green and becoming yellowish at fruiting to form cylindric-ovoid fruiting structure (the hop) (Webb et al., 1988).

FLOWERING

January, February

FLOWER COLOURS

Green

FRUITING

February - March

LIFE CYCLE

Perennial

YEAR NATURALISED

1872

ORIGIN

Europe, C&W Asia



Male flowers, England. Photographer: Colin C. Ogle, Date taken: 08/08/2013, Licence: CC BY-NC.



Gordon Park Scenic Reserve, Whanganui; vine on forest margin. Photographer: Colin C. Ogle, Date taken: 27/03/2016, Licence: CC BY-NC.

REASON FOR INTRODUCTION

Agricultural

ENVIRONMENTAL WEED (2024)

This plant is named in a list of 386 environmental weeds in New Zealand 2024 prepared by DOC. 759 candidate species were considered for inclusion on this new comprehensive list of environmental weeds in New Zealand. The species considered were drawn from published lists of weed species, lists of plants that must be reported or managed by law if observed, existing national and regional programmes and agreements for pest management, and species already managed by the Department of Conservation (DOC). Candidate species were then assessed to see if they were fully naturalised and whether they have more than minor impacts in natural ecosystems. Read the full report [here](#).

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/humulus-lupulus-var-lupulus/>

PDF DATE

17 September 2024