

Juglans ailantifolia

COMMON NAME

Japanese walnut

FAMILY

Juglandaceae

AUTHORITY

Juglans ailantifolia Carrière

FLORA CATEGORY

Vascular – Exotic

STRUCTURAL CLASS

Trees & Shrubs - Dicotyledons

CONSERVATION STATUS

Not applicable

HABITAT

Terrestrial.

DETAILED DESCRIPTION

Widespreading tree to around 15m high. Shoots with glandular hairs; leaf scars not prominent. Buds brown-tomentulose. Leaves to approx. 60cm long; petiole and rachis to about 40cm long, densely clothed in glandular hairs. Leaflets 9~17, sessile or nearly so, becoming glabrous or nearly so above, densely hairy with simple and stellate hairs on the veins beneath and midrib glandular, serrulate with teeth often sparse; base obliquely truncate or subcordate; apex acute to acuminate; lowest pair of leaflets often smaller; terminal leaflet mostly of similar size to lateral leaflets. Lamina of terminal leaflet 6~18 x 3~8cm, oblong or oblong-ovate. Male catkins to around 15cm long, with glandular hairs. Female catkins 9~22-flowered, generally tomentose with purplish glandular hairs; stigmas 6~7mm long, prominent, pink. Fruit 2.5~4cm long, broad ovoid, beaked, viscid, tomentose, ferrugineous. Shell rugose, thick, usually subcordate at base; sutures thick and raised, dividing with difficulty; beak often sharply acute. Seed convoluted. (- Webb et. al., 1988)

FLOWERING

October, November

FLOWER COLOURS

Red/Pink, Violet/Purple

LIFE CYCLE

Perennial.

YEAR NATURALISED

1983

ORIGIN

Japan

REASON FOR INTRODUCTION

Ornamental



Juglans ailantifolia. Photographer: Graeme La Cock, Licence: CC BY-NC.



In cultivation, March. Photographer: John Smith-Dodsworth, Licence: CC BY-NC.

NATIONAL PEST PLANT ACCORD SPECIES

This plant is listed in the 2020 National Pest Plant Accord. The National Pest Plant Accord (NPPA) is an agreement to prevent the sale and/or distribution of specified pest plants where either formal or casual horticultural trade is the most significant way of spreading the plant in New Zealand. For up to date information and an electronic copy of the 2020 Pest Plant Accord manual (including plant information and images) visit the [MPI website](#).

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/juglans-ailantifolia/>