

Australian Tropical Rainforest Plants - Online edition

Family Profile

Solanaceae

Family Description

A family of about 90 genera and 2600 species, pantropic but extending into temperate regions, well developed in Central and South America; 12 genera occur naturally in Australia.

Genera

Capsicum - A genus of about ten species in tropical America; two species have become naturalised in Australia. Purdie et al. (1982); Symon (1981a).

Cestrum - A genus of about 250 species in central and south America; four species have become naturalised in Australia. Purdie et al. (1982).

Duboisia - A genus of four species in Australia and New Caledonia; four species occur naturally in Australia. Craven et al. (1995); Purdie et al. (1982).

Lycianthes - A genus of about 200 species, the majority of which occur in tropical America, with a few species in Asia to Australia. One species occurs naturally in mainland Australia, and one species on Christmas Island. Barker & Telford (1993).

Nicandra - A monotypic genus from Peru now naturalised in Australia. Purdie et al. (1982).

Nicotiana - A genus of 60-70 species mainly in South America but also found in North America, South Africa, Australia and islands in the South Pacific; 16 or 17 species occur naturally in Australia and two species have become naturalised. Purdie et al. (1982).

Physalis - A genus of about 100 species mainly in North and South America but with a few species also in Africa, Asia and Malesia, one species may occur naturally in Australia, while seven species have become naturalised. Purdie et al (1982); Symon (1981a).

Solanum - A genus of about 1500 species, cosmopolitan, mainly tropical and subtropical, particularly in Central and South America; 94 species occur naturally in Australia and a large number of species have become naturalised. Barboza et al. (2016); Bean (2004); Manoko et al (2007); Purdie et al. (1982); Symon (1981b); Symon & Clarkson (1985).

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