

The genus *Lycianthes* (Dunal) Hassl. (Solanaceae) has in the past been treated as a section of the large genus *Solanum* L., but is more closely related to *Capsicum* L. The eighteen species of *Lycianthes* occurring Australia, New Guinea and the Indonesian provinces of Papua Barat and Papua, plus the surrounding islands connected during the last glacial maximum) and the Pacific Islands are here treated in full, with complete descriptions, including synonymy, typifications and synonyms, distribution maps and illustrations. The history of taxonomic treatment of the genus in the region is also discussed. These taxa occupy a diverse range of forested habitats, and are in diverse in habit, from small shrubs to large canopy lianas to epiphytic shrubs. They are for the most part rarely collected, and many are endemic (14 of the 18 species treated here). Preliminary conservation assessments are presented for all species except the cultivated *L. rantonnetii*.

A REVISION OF *LYCIANTHES* (SOLANACEAE) IN AUSTRALIA, NEW GUINEA, AND THE PACIFIC

BY
SANDRA KNAPP



Lycianthes cladotrichota (Bitter) Bitter

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