**Medicinal Plant Images**

I.E. Cock¹,²*

¹Environmental Futures Research Institute, Nathan Campus, Griffith University, 170 Kessels Rd, Nathan, Brisbane, Queensland 4111, AUSTRALIA.
²School of Natural Sciences, Nathan Campus, Griffith University, 170 Kessels Rd, Nathan, Brisbane, Queensland 4111, AUSTRALIA.

Correspondence: Dr Ian Ean Cock, Tel.: +61 7 37357637; Fax: +61 7 37355282. E-mail address: I.Cock@griffith.edu.au (I. E. Cock).

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**Figure 1**: *Tasmannia lanceolata* (commonly known as Tasmanian pepper or mountain pepper) is a medium to large shrub (2-5 m in height) which is endemic to the woodlands and cool temperate rainforests of Tasmania and the south-eastern region of the Australian mainland. Individual plants are unisexual, having either male or female flowers. The berries, leaves and bark of this species have historical uses as a food and as a medicinal plant. When the berry is air dried it forms a small, hard peppercorn which is suitable for milling or crushing. The berry has a pleasant spicy flavour and sharp aroma. *T. lanceolata* was used as a flavouring agent by Australian Aborigines and more recently by European settlers. Historically, the leaves have been used as a herb and the berries have been used as a spice. Australian Aborigines also used *T. lanceolata* as a therapeutic agent to treat stomach disorders and as an emetic, as well as general usage as a tonic. Reports also exist of the use of *T. lanceolata* by Australian Aborigines for the treatment and cure of skin disorders, venereal diseases, colic, stomach ache and as a quinine substitute. Later, European colonists also recognized the therapeutic potential of *T. lanceolata* and the bark was used as a common substitute for other herbal remedies (including those derived from the related South American Winteraceae species, *Drimys wintera* (winter bark)) to treat scurvy due to its high antioxidant content. Recent studies have reported *T. lanceolata* extracts to be potent inhibitors of the growth of an extensive panel of bacteria, and of a bacterial trigger of rheumatoid arthritis. *T. lanceolata* extracts have also been reported to inhibit the proliferation of the gastrointestinal protozoal parasite *Giardia duodenalis*. This photograph was taken in Tasmania, Australia in 2014 by Dr David Ruebhart and is printed here with the photographer’s permission.
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3. LeStrange R. A history of herbal plants. 1977; Angus and Robertson.

Figure 2: Gomphocarpus fruticosus is a small Southern African shrub growing up to 2 m in height, with narrow opposite leaves on thin upright stems. G. Fruticosus produces light green flowers that become large air filled seed pods which are covered with wiry hair like protrusions. All parts of the plant produce white milky latex which exudes when the plant is broken. The dried leaves and roots are used in various Southern African traditional healing systems. Finely ground dried leaves were inhaled to ease headache and to treat tuberculous. An infusion prepared from the dried roots is used to relieve stomach pain, and as a general analgesic. The roots also have diuretic and purgative uses. This photograph was taken in 2012 at Walter Sisulu Botanical Gardens, Johannesburg, South Africa by Dr Ian Cock.