

# Medicinal Plant Images

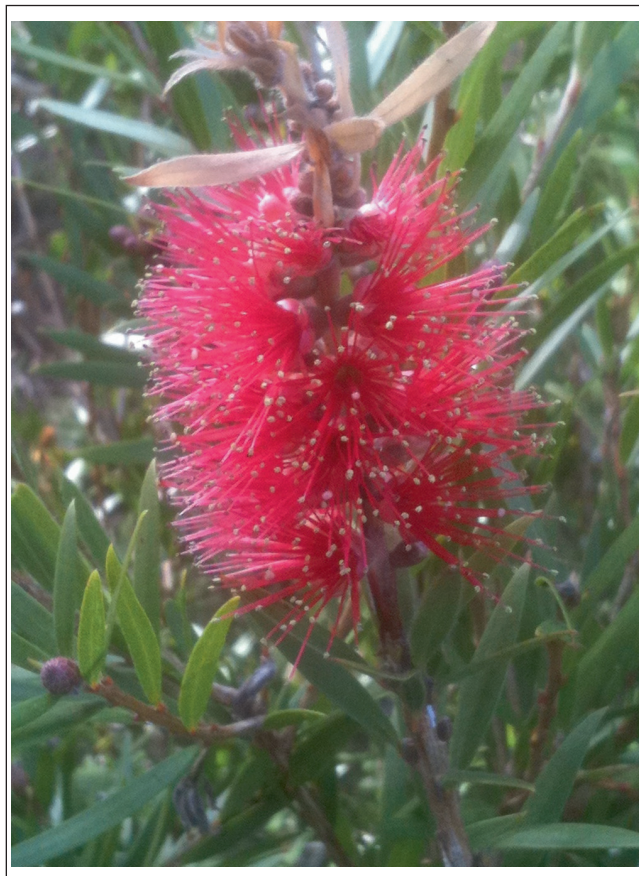
## *Aloe ferox* and *Callistemon rigidus*

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**Figure 1:** *Aloe ferox*: Aloe is a genus of approximately 400 succulent plants, many of which are native to Africa. Several Aloe species have well known medicinal properties which include accelerated wound healing, as well as antimicrobial, anti-inflammatory, immunomodulatory and antioxidant bioactivities (as previously reviewed).<sup>[1,2]</sup> The species pictured (*Aloe ferox*, also known as Cape Aloe) is native to South Africa. *Aloe ferox* is reputed to be one of the most promising species of Aloe, with wide ranging therapeutic properties. This photograph was taken in Kirstenbosch Botanic Gardens, Cape Town, South Africa by Dr Ian Cock in December 2010.

1. Mpala L, Chikowe G, Cock IE, No evidence of antiseptic properties and low toxicity of selected Aloe species. J Pharm Negative Results 2010; 1, 1:10-16.
2. Cock IE, Antimicrobial activity of Aloe barbadensis Miller leaf gel components. Internet J Microbiol 2008; 4, 2.



**Figure 2:** *Callistemon rigidus*: The genus Callistemon (family Myrtaceae) is a small genus of 34 trees and shrubs, all of which are endemic to Australia. Callistemon leaves had multiple medicinal uses by indigenous Australians, including being use to cure respiratory tract infections, coughing and bronchitis, as well as uses as a general antiseptic.<sup>[3]</sup> This photograph was taken in Brisbane, Australia by Dr Ian Cock in July 2011.

3. Cock IE, Medicinal and aromatic plants – Australia. In Ethnopharmacology, Encyclopedia of Life Support Systems (EOLSS), Developed under the auspices of UNESCO, EOLSS Publishers, Oxford, UK [http://www.eolss.net].