



Cruising Review

tamanu-oil

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Tamanu-Oil: Publications and Research from SwissMixt

Structured Data

This webpage QR code

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Tamanu oil is pressed from nuts of either the *Calophyllum inophyllum* (usually) or the *Calophyllum tacamahaca* (ati), tropical trees belonging to Calophyllaceae.

Calophyllum inophyllum L. (Calophyllaceae) is an evergreen tree ethno-medically used along the seashores and islands of the Indian and Pacific Oceans, especially in Polynesia. Oil extracted from the seeds is traditionally used topically to treat a wide range of skin injuries from burn, scar and infected wounds to skin diseases such as dermatosis, urticaria and eczema. Different parts of the tree *Calophyllum inophyllum* L. (nuts, leaves, roots, bark, fruits, nut oil and resin) are used as traditional medicines and cosmetics in most of the Pacific Islands. The oil efficiency as a natural cure and in traditional cosmetics has been largely described throughout the South Pacific, which led us to investigate *C. inophyllum*'s chemical and genetic diversity. A correlative study of the nut resin and leaf DNA from three distinct archipelagos in the South Pacific was carried out in order to identify diversity patterns in *C. inophyllum* across the South Pacific.

PDF Version of the webpage (first pages)

<https://crusingreview.com/smx/tamanu-oil.html>

Tamanu Oil Botanical Information

Tamanu oil is pressed from nuts of either the *Calophyllum inophyllum* (usually) or the *Calophyllum tacamahaca* (ati), tropical trees belonging to Calophyllaceae. *Calophyllum inophyllum* L. (Calophyllaceae) is an evergreen tree ethno-medically used along the seashores and islands of the Indian and Pacific Oceans, especially in Polynesia. Oil extracted from the seeds is traditionally used topically to treat a wide range of skin injuries from burn, scar and infected wounds to skin diseases such as dermatosis, urticaria and eczema. Different parts of the tree *Calophyllum inophyllum* L. (nuts, leaves, roots, bark, fruits, nut oil and resin) are used as traditional medicines and cosmetics in most of the Pacific Islands. The oil efficiency as a natural cure and in traditional cosmetics has been largely described throughout the South Pacific, which led us to investigate *C. inophyllum*'s chemical and genetic diversity. A correlative study of the nut resin and leaf DNA from three distinct archipelagos in the South Pacific was carried out in order to identify diversity patterns in *C. inophyllum* across the South Pacific.

Keywords: tamanu, tamanu (*Calophyllum inophyllum*) seed oil, emulsion, formulation, antibacterial activity, *Calophyllum inophyllum*, Chemodiversity, South Pacific, Neoflavonoids, Oil, Biodiversity, plant oil, barrier function, barrier repair, wound healing, inflammation, antioxidant activity, skin aging

Description and Research Abstract: Tamanu oil is pressed from nuts of either the *Calophyllum inophyllum* (usually) or the *Calophyllum tacamahaca* (ati), tropical trees belonging to Calophyllaceae. *Calophyllum inophyllum* L. (Calophyllaceae) is an evergreen tree ethno-medically used along the seashores and islands of the Indian and Pacific Oceans, especially in Polynesia. Oil extracted from the seeds is traditionally used topically to treat a wide range of skin injuries from burn, scar and infected wounds to skin diseases such as dermatosis, urticaria and eczema. Different parts of the tree *Calophyllum inophyllum* L. (nuts, leaves, roots, bark, fruits, nut oil and resin) are used as traditional medicines and cosmetics in most of the Pacific Islands. The oil efficiency as a natural cure and in traditional cosmetics has been largely described throughout the South Pacific, which led us to investigate *C. inophyllum*'s chemical and genetic diversity. A correlative study of the nut resin and leaf DNA from three distinct archipelagos in the South Pacific was carried out in order to identify diversity patterns in *C. inophyllum* across the South Pacific. Plant oils have been utilized for a variety of purposes throughout history, with their integration into foods, cosmetics, and pharmaceutical products. They are now being increasingly recognized for their effects on both skin diseases and the restoration of cutaneous homeostasis.
