

A Review Article on “Pharmacognostical and Pharmacological Review on *Bryophyllum pinnatum*”

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Abstract: *Bryophyllum pinnatum* is usually known as Panphuti which belong to family Crassulaceae growing widely in tropical Africa, tropical America, India, China, and Australia. It is a perennial herb grows 3–5 feet tall, fleshy dark green leaves that are distinctively scalloped and trimmed in red, and bell-like pendulous flowers. The plant contains various active compounds such as alkaloids, triterpenes, glycosides, flavonoids, steroids, bufadienolides, lipids, and organic acids. The pharmacological studies are reviewed and discussed, focusing on that different extracts from this plant have anti-inflammatory, antiallergic, antianaphylactic, antileishmanial, antitumorous, antiulcerous, antibacterial, gastroprotective, immunosuppressive, insecticidal, muscle relaxant, sedative, central nervous system depressant, and analgesic. Conventionally, it is used for the treatment of fever, constipation, nourishment of the hair and treating grey hair, intestinal disorder, and leucorrhoea. The current review is created with an intended to focus on the numerous ethnobotanical and traditional use as well as the phytochemical and pharmacological report on *B. pinnatum*.

Keywords: Bryophyllum pinnata, pharmacological study, antibacterial.

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