

Crassulaceae (chemistry and pharmacology) - A review

*Mariam Abd Elhameid ,Omneya Eid a, *, Shahira ezzat , Mouchira choucry*

Abstract

Family Crassulaceae comprises approximately 1410 species which are commonly used for ornamental purposes. And nowadays showed many medicinal values. Recently, it has had been reported that several species of the family possess certain biological and pharmacological activities as: anti-oxidant, antihyperglycemic, antimicrobial, antiulcerogenic, cytotoxic/anti-cancer, anti-inflammatory, anti-nociceptive activity, hepatoprotective, analgesic, anti-arthritic, anti-malarial, antimutagenic, insecticidal, antithrombolytic, antihypertensive and myometrial activities. Earlier studies on different Crassulaceae plants have reported the isolation of flavonoids, sterols, ascorbic acid, trace elements, organic acids, hydrocarbons, triterpenoids, phenolic components and bufadienolides. This review contains an overview on the chemistry and pharmacological activities of Family Crassulaceae.

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