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## Ecological and Phytochemical Studies on Senecio Glaucus L.

By Yasser A. El-Amier

SPS Mrz 2016, 2016. Taschenbuch. Book Condition: Neu. 220x150x9 mm. This item is printed on demand - Print on Demand Neuware - Plants are the backbone of all life on Earth and an essential resource for human well-being. Just think about how your everyday life depends on plants. The present work deals with the study of the ecology and economic potentialities of Senecio glaucus growing naturally in the Nile Delta region of Egypt (area comprises four habitats: salt marshes, sand formations, reed swamps and fertile non-cultivated lands habitat). The phytochemical analysis was carried out to evaluate their economic potentialities and uses in various purposes as a raw natural resources. On the other hand, the elementary analysis were also carried out. Silver nanoparticles (AgNp) were synthesized using Senecio glaucus extract as reducing and stabilizing agent are reported and evaluated for antibacterial activity against drug resistance for bacterial isolates. The allelopathic bioassay of Senecio glaucus was investigated by studying the phytotoxic effects of their roots and stems methanolic extracts on germination and seedling development (shoot and root) of the Lactuca sativa and Echinochloa crus-galli. 148 pp. Englisch.



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