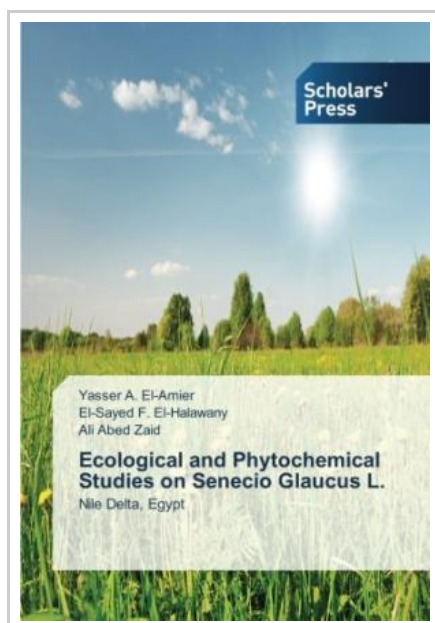




Ecological and Phytochemical Studies on Senecio Glaucus L.

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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