

Quinolizidine Alkaloid Profiles of Two Taxa of *Teline maderensis*

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The alkaloid composition of the aerial parts of two taxa of *Teline maderensis* was studied by capillary GLC and GLC-MS. *N*-Methylcytisine was the major alkaloid found in both plants. Contents of cytisine and lupanine were higher in *T. maderensis* var. *paivae* while anagyrine content was more pronounced in *T. maderensis* var. *maderensis*. The alkaloids dehydrocytisine, *N*-acetylcytisine and epibaptifoline appeared only in *T. maderensis* var. *maderensis* and *N*-formylcytisine was identified as a minor constituent in *T. maderensis* var. *paivae*, and detected only in trace amounts in the other variety of the plant.

Key words: *Teline maderensis*, Quinolizidine Alkaloids, GLC-MS