

# Pyrrolizidine Alkaloid Profiles of the *Senecio cineraria* Group (Asteraceae)

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Alkaloid profiles of five *Senecio* species (Asteraceae), including *S. ambiguus* subsp. *ambiguus*, *S. ambiguus* subsp. *nebrodensis*, *S. gibbosus* subsp. *bicolor*, *S. gibbosus* subsp. *gibbosus*, and *S. gibbosus* subsp. *cineraria*, were studied. Eleven pyrrolizidine alkaloids were identified and their content was evaluated by GLC-MS and GLC analysis. Otosenine and florosenine were found to be the major alkaloids in all studied species. It is interesting that only *S. ambiguus* subsp. *nebrodensis* was characterized by a high content of the alkaloids jacobine, jaconine, and jacozone.

**Key words:** *Senecio cineraria* Group, Pyrrolizidine Alkaloids, GLC-MS