

# **Epicuticular Waxes and Flavonol Aglycones of the European Mistletoe, *Viscum album* L.**

Eckhard Wollenweber<sup>a,\*</sup>, Anja Wieland<sup>b</sup> and Klaus Haas<sup>b</sup>

<sup>a</sup> Institut für Botanik der Technischen Universität, Schnittspahnstrasse 3,  
D-64287 Darmstadt, Germany. Fax: 06151/166878.

E-mail: Wollenweber@bio.tu-darmstadt.de

<sup>b</sup> Universität Hohenheim, Institut für Botanik 210, D-70593 Stuttgart, Germany

\* Author for correspondance and reprint requests

Z. Naturforsch. **55c**, 314–317 (2000); received March 1, 2000

*Viscum album*, Cuticular Waxes, Flavonol Aglycones

Cuticular waxes of *Viscum album* ssp. *album* contain oleanolic acid as main constituent, accompanied by aliphatic compounds like alkanes, esters and primary alcohols. A number of flavonol aglycones (methyl ethers of quercetin and kaempferol) have also been identified. Seasonal changes in amount and composition of cuticular waxes and the presence of flavonol aglycones are described and the ecophysiological significance of flavonoids on the surface of the mistletoe is briefly discussed.