

# Flavonoids as Chemotaxonomic Markers for *Erythroxylum ulei*

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Z. Naturforsch. **54c**, 881–888 (1999); received April 12/May 18, 1999

*Erythroxylum ulei* (*E. ulei*), Baptigenin, Genistein, Orobol, Isoflavone

Leaf extracts of *Erythroxylum ulei* O. E. Schulz, produced six *O*-conjugated flavonoids. Three of the flavonoid aglycones were isoflavones, two were isoflavanones and the remainder a flavonol (quercetin). The major glycosides of these flavonols included mono- and dirhamnosides, mono-glucosides and galactosides with either 3', 4', or 7 linkage or a combination thereof. The two isoflavanones, in addition to being glycosylated, possessed a methyl group at position 2 of the **C**-ring. These flavonoids may be used as chemotaxonomic markers for the taxon.