

# Highly oxygenated sesquiterpenes from *Polyachyrus sphaerocephalus* and further constituents from Chilean Mutisieae

Pritschow, P.

Jakupovic, J.

Bohlmann, F.

Bittner, M.

Niemeyer, H. M.

The aerial parts of *Polyachyrus sphaerocephalus* gave seven new eudesmane derivatives and a germacra-dien-diol while a reinvestigation of *P. fuscus* afforded a new caryophyllene, two nerolidolglycosides, a curcumene and two bisabolene derivatives. *Chaetanthera euphrasioides* gave a clerodane and *Ch. chilensis* two thiophene acetylenes while several other species only gave known compounds. The structures were elucidated by high field NMR techniques. Chemotaxonomic aspects are discussed briefly. © 1992.