

# Seasonal Variation of the Chemical Constituents from *Croton* Species §

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Z. Naturforsch. **56c**, 357–362 (2001); received October 9, 2000/February 20, 2001

*Croton*, Chemical Constituents, Seasonal Variation

The terpenes, sterols, alkaloid (glaucine) and  $\alpha$ -tocopherol show seasonal variation for *Croton hemiargyreus hemiargyreus* and *Croton echinocarpus*. The amounts of triterpenes are higher during the tropical summer and in most samples the major sesquiterpene was characterized as caryophyllene. The seasonal variation of glaucine showed a maximum between June and October for *C. hemiargyreus*, and was present only in January and June in *C. echinocarpus*.