

POSTER PRESENTATIONS

ESSENTIAL OIL COMPOSITION OF *Tripleurospermum corymbosum* (ASTERACEAE), AN ENDANGERED STENOENDEMIC SPECIES FROM TÜRKİYE

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Tripleurospermum Sch.Bip. (Asteraceae) is represented by 33 taxa in Türkiye, of which 17 are endemic.

In this study, essential oil composition of *Tripleurospermum corymbosum* E.Hossain, stenoendemic species in Türkiye, was studied for the first time in detail from its type locality, Ağrı province of Türkiye. For this purpose, the plant samples were collected from its natural population.

Then, microdistilled essential oils of the dried capitula were analyzed by GC-FID and GC-MS. The present findings showed that the oil of *T. corymbosum* was characterized by the occurrence of (2Z, 8Z)-matricaria ester (59.3%), (2E, 8Z)-matricaria ester (2.2%), (2Z, 8E)-matricaria ester (1.0%), 8Z-2,3-dihydromatricaria ester (0.7%) and (2E, 8E)-matricaria ester (0.2%) as main constituents.