

# **Fumigant Antifungal Activity of Essential Oil Components from *Acorus gramineus* against Three Phytopathogenic Fungi**

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Z. Naturforsch. **63c**, 503–506 (2008); received January 14/February 28, 2008

Analysis by gas chromatography-mass spectrometry led to the identification of 26 compounds in *Acorus gramineus* essential oil. The antifungal activity of the identified compounds was tested singularly by using standard compounds. Allyl isothiocyanate and *cis*-asarone showed inhibition rates of 100% against *P. cactorum* at 28 mg/l air. In a test with *C. parasitica* and *F. circinatum*, allyl isothiocyanate and *cis*-asarone showed moderate activity at 28 mg/l air.

*Key words:* Medicinal Plant Essential Oils, Antifungal Activity, *Acorus gramineus*