

**An Unrecorded Species of the Genus
Dichromothrips Priesner (Thysanoptera: Thripidae)
on Orchidaceae from Korea**

Gwan Seok Lee, Kun Suk Woo¹ and Ki Su Ahn²

Division of Entomology, National Institute of Agricultural Science and
Technology,

¹School of Agricultural Biotechnology, Seoul National University,

²Agricultural Environment Research Division, Chungbuk-ARES

Dichromothrips smithi (Zimmermann) (신칭: 난충채벌레) is recognized for the first time in Korea. Especially this species makes serious damage on two orchids, *Cymbidium hybridum* and *Phalaenopsis schilleriana*, which are newly recorded host plants. All members of the genus *Dichromothrips* containing 14 species in the world infests various species of orchidaceous plants. The origin of the genus is regarded as the Malaysian region, but some species have been already widespread by commercial transportation of orchids.

The genus *Dichromothrips* Priesner, new to Korea, is usually distinguished from other genus in Thripinae by metanotal spinula, non-split abdominal tergum X, and reticulate sculpture on metanotum, as well as tergal ctenidia and ocellar setae I. In this study, morphological characters for identification of *Dichromothrips smithi* are described and figured. In addition, damages to flowers of the orchids are presented.