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## Revision of *Sciasmomyia* Hendel (Diptera: Lauxaniidae), with eight new species

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### Abstract

The genus *Sciasmomyia* Hendel is revised. Eight new species are proposed, including *Sciasmomyia decussata* **sp. nov.** (China), *S. leishanensis* **sp. nov.** (China), *S. longicurvata* **sp. nov.** (China), *S. longissima* **sp. nov.** (China), *S. lui* **sp. nov.** (China), *S. quadricuspis* **sp. nov.** (China), *S. thaii* **sp. nov.** (Vietnam), and *S. tubata* **sp. nov.** (China). The two previously known species, *Sciasmomyia meijerei* Hendel and *S. supraorientalis* (Papp), are recorded for the first time as occurring in China, with the latter species also newly recorded for India, Nepal and Thailand. A key to separate the 10 species of this genus is presented, and a lectotype is designated for *Sciasmomyia meijerei*.

**Key words:** Diptera, Lauxaniidae, *Sciasmomyia*, new species, lectotype

### Introduction

The genus *Sciasmomyia* Hendel, 1907 (Lauxaniidae: Lauxaniinae) was originally described for two then-new species, *Sciasmomyia meijerei* Hendel, 1907 from Vietnam, and *Sciasmomyia dicaetophora* Hendel, 1907 from the Amur region of the Russian Far East. Hendel (1907) did not designate a type species, but the following year, he (Hendel 1908) designated *Sciasmomyia meijerei* as such. More than 50 years later, Shewell (1971) designated *Sciasmomyia dicaetophora* as the type species of his new genus *Sciasminettia* Shewell, 1971, and indicated his opinion that his new genus was closely related to *Sciasmomyia*, along with *Drepanophora* Loew and *Afrolauxania*