

## 49. Family SCIADOCERIDAE

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**S**ciadocerid flies are known from only 2 extant species (1 from eastern Australia and New Zealand, 1 from the Neotropical Region) and 4 fossil species, described from Fushun (China) and Baltic amber (see Hong 1981). Two species described from Canadian amber (McAlpine & Martin, 1966) have been transferred to the Phoridae (Hennig 1973). Sciadocerids are relatively small flies with a wing venation that is intermediate

between that of Ironomyiidae and Phoridae. The biology and immature stages of *Sciadocera rufomaculata* have been studied by Fuller (1934a), Tonnoir (1926b), Hennig (1964), and McAlpine & Martin (1966) gave good accounts of the distribution, phylogeny, and zoogeography of the family.

*Refs.:* Fuller (1934a, biol.), Papavero (1966, cat. Neotrop. spp.), Ferrar (1987, immat.), Disney (1988, phylog.).

### Genus SCIADOCERA White

**SCIADOCERA** White, 1916b: 218. Type species: *Sciadocera rufomaculata* White, 1916, mon.  
**rufomaculata** White, 1916b: 218. Australia (Tas); SE Australia, NZ (NZ).  
*maculata*, error for *rufomaculata*.