

A review of thrips (Insecta: Thysanoptera) fauna of ornamental plants in Iran

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Abstract: A faunistic study was carried out to collect and identify thrips of ornamental plants in Tehran, Markazi and Mazandaran provinces which are located in the north and central parts of Iran during 2002 to 2005. The thrips species were collected from more than 100 species of ornamental plants in greenhouses or in open fields. In this study we report 18 species belonging to the families Thripidae, Aeolothripidae and Phlaeothripidae. We also include the 5 previously recorded species. A total of 23 species, genus *Thrips* with 7 species had the most diversity and *Thrips tabaci* was collected in all greenhouses. The collected (18 species) and reported (5 species) are listed as follows:

A: suborder: Tubulifera, Family: Phlaeothripidae: *Hoplandrothrips bidens* (Bagnall), *Haplothrips reuteri* (Karney), *Haplothrips tritici* (Kurdjumov), *Haplothrips subtilissimus* (Haliday).

B: suborder: Terebrantia, Family: Aeolothripidae: *Aeolothrips intermedius* Bagnall, *Aeolothrips fasciatus* (Linnaeus), Family: Thripidae: *Scolothrips longicornis* Priesner, *S. latipennis* Priesner, *Microcephalothrips abdominalis* (Crawford), *Thrips physapus* Linnaeus, *T. atratus* Haliday, *T. meridionalis* Priesner, *T. major* Uzel, *T. tabaci* Lindeman, *T. simplex* (Morison), *T. vulgatissimus* Haliday, *Frankliniella occidentalis* Pergande, *F. schultzei* (Trybom), *F. intonsa* (Trybom), *F. tenuicornis* (Uzel), *F. pallida* (Uzel), *Tenothrips discolor* (Karny), *T. frici* (Uzel).