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## Dominant dipterous pests for greenhouse plants (Belarus)

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The specific composition of dipterous pests of the order Diptera, identified in the greenhouses of Belarus is represented by five species from three families – sciarids (Sciaridae), moth flies (Psychodidae) and shore flies (Ephydriidae).

Studies of dipterous phytophages structure complex have shown that the dominant are sciarids (64%), but shore flies are 17.3% and moth flies – 18.7%. Dipterous pests distribution in crop plantings of different botanical families have shown that they are polyphages. Cucumbers, peppers, tomatoes, green crops are attractive for members of all three fly families (sciarids, moth flies and shore flies), ornamental crops – for sciarids and shore flies, fruit crops – for sciarids. In cucumber, tomato and green crops there is a high dipterous phytophages number (27 larvae per bait), in *Gerbera* a low dipterous pests number (3.4 larvae per bait) is observed.

The faunistic analysis of biological material collected in cucumber, tomato, pepper, eggplant, green and ornamental crops has shown that the phytophages of the order Diptera are represented by: *Bradysia fungicola* (Winnertz, 1867), *Bradysia difformis* Frey, 1948 (Sciaridae), *Scatella stagnalis* (Fallen, 1813) (Ephydriidae), *Psychoda cinerea* Banks, 1894 and *Psychoda gemina* (Eaton, 1904) (Psychodidae). The morphological features of sciarids, shore flies and moth flies also are specified.

In greenhouses of Belarus, the entomophage *Coenosia attenuata* Stein, 1903 (Diptera: Muscidae), which is a predator that feeds sciarid and shore fly adults and larvae is discovered for the first time. And also midge larvae parasites of the *Atheta* spp. (Coleoptera Staphylinidae) are found.

**Key words:** protected ground, greenhouse pests, Diptera, Ephydriidae, Psychodidae, Sciaridae, food specialization

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