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New faunistic records of flies of the families Drosophilidae and Scatopsidae (Diptera) from Azerbaijan

Nové faunistické záznamy dvojkrídlovcov čeladí Drosophilidae a Scatopsidae (Diptera) z Azerbajdžánu

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Abstract. The first records of two Diptera species, *Scaptomyza pallida* (Zetterstedt, 1847) (Drosophilidae) and *Swammerdamella brevicornis* (Meigen, 1830) (Scatopsidae), from Azerbaijan are presented. The family Scatopsidae is reported for the first time from Azerbaijan.

INTRODUCTION

According to Oboňa et al. (2016, 2017), for the fly families under discussion, Transcaucasia (Georgia, Armenia, Azerbaijan) is insufficiently investigated compared to many European countries. Only three species of the family Scatopsidae were published for the whole of Transcaucasia by Oboňa et al. (2017). 16 species of the family Drosophilidae were listed by Gornostaev (1996) from Azerbaijan (certainly less than half the estimated real number).

MATERIAL AND METHODS

Samples were collected by sweep netting from vegetation around streams and lakes from 26.v. to 4.vi.2017 by Ľ. Hrivniak. The material was preserved in 96% ethanol in the field. In the laboratory, all specimens listed here were dried, pinned, glued onto points or preserved in alcohol, identified and deposited in the collections of the authors.

Material was rough sorted by J. Oboňa. Drosophilidae samples were identified by J. Máca using Bächli et al. (2004). The material is deposited in the private collection of J. Máca. Scatopsidae samples were identified by J. P. Haenni using Cook (1972) and the material was deposited in the Muséum d′histoire naturelle, Neuchâtel, Switzerland.

RESULTS

Family: Drosophilidae

***Scaptomyza pallida* (Zetterstedt, 1847)**
Material examined. 1 ♂, Azerbaijan: Quba district, Xinaliq village, mountain stream, 41°11′00.3″N 48°07′42.9″E, 2170 m a.s.l., 27.v.2017; 1 ♂, 2 ♀♀, Lerik district, south of Lerik, river next to road and forest, 38°45′21.4″N 48°35′53.8″E, 328 m a.s.l., 4.vi.2017.
Distribution and remarks. Subcosmopolitan species, in Transcaucasia known from Armenia and Georgia (Gornostaev 1996). The boundaries of the areal of *S. pallida* relative to that of *S. himalayana* Takada, 1970 in Asia remain to be delimited. The first record for Azerbaijan.

Family: Scatopsidae

***Swammerdamella brevicornis* (Meigen, 1830)**
Material examined: 1 ♂, 1 ♀, Azerbaijan, Shamakhi district, north-west of Shamakhi, tributary of Aghsu river, 40°41′09.1″N 48°30′21.7″E, 527 m a.s.l., 29.v.2017.
Distribution and remarks. First record for Azerbaijan, and also the first record of the family Scatopsidae from this country. A West Palaearctic species known from the whole of Europe, North Africa, the Middle East, and Central Asia. In Transcaucasia known from Armenia (Oboňa et al. 2017). One of the commonest West Palaearctic scatopsids, present in a wide variety of habitats. Immature stages still unknown (Heanni 2009).

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SÚHRN

Príspevok prináša prvé informácie o zázname dvoch nových druhov dvojkrídlovcov pre faunu Azerbajdžánu: *Scaptomyza pallida* (Zetterstedt, 1847) z čeľade Drosophilidae a *Swammerdamella brevicornis* (Meigen, 1830) z čeľade Scatopsidae. Údaje o čeľadi Scatopsidae doposiaľ neboli z tohto územia publikované.