Corresppondence

Camirohylla (Acari: Astigmata: Canestriniidae), a new mite genus to fauna of Iran

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The family Canestriniidae contains about 95 genera and 305 species (Haitlinger 2012). In 1991, one male of the *Camirohylla feziana* was collected from Morocco and described by Haitlinger for the first time. Deutonymph and larva of this species were found from Spain (Balearic Islands) and described in 2001 (Haitlinger 2001). In Iran, fauna of canestriniid mites is unknown. Until now, only one species, *Coleopterophagus baali* Haitlinger, 1990, was reported and described from Iran.

A new genus of Canestriniidae mite, *Camirohylla* Haitlinger, 1991, was found in Iran. The sample was collected in Oak forest from the city Alashtar in Lorestan Province in 1992. At present, this specimen identified by only one deutonymph (Fig. 1) that was associated with *Dila* sp. (Insecta: Coleoptera: Tenebrionidae). For identification of its species, we need adults of this species due to the difference between deutonymph from Iran and two others collected from Morocco and Spain (Balearic Islands).



Figure 1. Habitus of *Camirohylla* sp. (deutonymph) collected from Iran.

The *Camirohylla* genus differs from the other genera of Canestriniidae by the following characters: presence of the wide lobes bearing short and enlarged setae, in *Diplopodocoptes* Fain lobes are relatively thin and without thick setae and two pairs of long dorsal setae only and very short tarsi I-IV. (Haitlinger 1991).

References

- Haitlinger, R. (1990) The genus *Coleopterophagus* Berlese, 1882 (Acari, Astigmata, Canestriniidae) with description of seven new species and key for species determination. *Annales Zoologici*, 43 (15): 327–341.
- Haitlinger, R. (1991) New canestriniid mites (Acari, Astigmata, Canestriniidae) associated with some Tenebrionidae and Carabidae (Insecta, Coleoptera). *Zeszyty Naukowe Akademii Rolniczej we Wrocławiu, Zootechnika*, 35 (206): 273–281.
- Haitlinger, R. (2001) Camirohylla feziana Haitlinger, 1991 and Canestrinia samsinaki Beron, 1975 (Acari: Astigmata: Canestriniidae) new mite species to fauna of Spain, found on Ibiza and Formentera (Balearic Islands). Bolletí de la Societatd'Història Natural de les Balears, 44: 23–26.
- Haitlinger, R. (2012) Canestriniidae (Acari, Astigmata) of Poland, with key to species of the genus *Photia* Oudemans, 1904. *Fragmenta Faunistica*, 55 (2):185–193.

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