The hoverflies of Azerbaijan: new records and insights into the fauna

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Azerbaijan


Krasnodar
Краснодар
Stavropol
Ставрополь
Novorossiysk
Новороссийск
Pyatigorsk
Пятигорск
Kislovodsk
Кисловодск
Sochi
Сочи
Nalchik
Нальчик
Vladikavkaz
Владикавказ
Makhachkala
Махачкала
Aktau
Ақтау
Georgia
Tbilisi
თბილისი
Batumi
ბათუმი
Derbent
Дербент
Caspian Sea
Sinop
Samsun
Ordu
Trabzon
Rize
Quba
Gebele
Amasya
Kars
Tokat
Armenia
Azerbaijan
Baku
Erzurum
Iğdır
Sivas
Erzincan
Türkiye
Muş
Tatvan
Van
Malatya
Tabriz
تبریز
Diyarbakır
Batman
Kahramanmaraş
Maragheh

Why Azeraijan?

- After several trips to Caucasus of Georgia and Armenia
- Talysh Mountains different from Caucasus:
  - SE Azerbaijan and NW Iran
  - High precipitation, humid subtropical climate
  - Temperate deciduous broadleaved forest
  - Endemic region
- May 2025



The hoverflies of Azerbaijan







The hoverflies of Azerbaijan

- Previous work
  - Hauser (1998): Zur Schwebfliegenfauna (Diptera, Syrphidae) Aserbaidschans, mit der Beschreibung von zwei neuen Arten
- 77 species plus 13 from other literature: ca. 90 species known from Azerbaijan





Results

- 154 species
  - Ca. 107 new to Azerbaijan
  - Many seldomly reported species
  - Ca. 9 new to science
    - Cheilosia (3)
    - Criorhina
    - Eumerus (3)
    - Myolepta
    - Riponnensia



Pocota hyrcanica Gilasian & Hauser, 2017



Brachypalpoides dolini Kassebeer, 2000



Mallota cimbiciformis (Fallén, 1817)



Brachypalpus zugmayeriae Mik, 1887



Caliprobola aurea (Sack, 1910)



Criorhina sp. nov.



Matsumyia talyshensis (Stackelberg, 1960)



Matsumyia talyshensis (Stackelberg, 1960)



Platycheirus cejensis Kuznetzov, 1987



Xylota talyshensis Hauser, 1998





Xanthogramma maculipenne (Mik, 1887)



Riponnensia sp. nov.





3 new *Cheilosia*

- One *Montanocheila* near *contrasta*
- Two *Convocheila*
  - *aff. cumanica*
  - *aff. laticornis* (also Turkey)
- Maybe more, *C. ruffipes* and *C. urbana* look funny



3 new *Eumerus*

- One from *minotaurus* group
- One from *bactrianus* group
- One *aff. amoenus*



Thanks for your attention

