

Addition to the list of species of the genus *Anaphothrips* (Thysanoptera: Thripidae) from Russia

Дополнение к списку видов рода *Anaphothrips* (Thysanoptera: Thripidae) фауны России

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КЛЮЧЕВЫЕ СЛОВА: трипсы, Россия, *Anaphothrips*, ключ.

ABSTRACT. The data on the finds of *Anaphothrips atroapterus* Priesner, 1921 in Yakutia and the improved identification key of *Anaphothrips* of the fauna of Russia are presented.

РЕЗЮМЕ. Приведены данные о находках *Anaphothrips atroapterus* Priesner, 1921 в Якутии и дополненный определительный ключ видов *Anaphothrips* фауны России.

In a recent publication it has been recorded that six species of *Anaphothrips* are known to Russia [Evdokarova, Vierbergen, 2023]. To this small list we add *A. atroapterus* Priesner, 1921, which was recorded for Russia by a find in 1959 of one female from Bashkortostan (loc. Bainazarovo) by Dyadechko [1964]. Additionally to this find we report two finds of *A. atroapterus* in Siberia. The revised identification key of Evdokarova and Vierbergen [2023] below is mainly based on character states of *A. atroapterus* given by zur Strassen [2003].

This species was formerly known from France in the West to Georgia and Bashkortostan in the East [zur Strassen, 2003], but a recent find in North-East China [Cui, Wang, 2019] implicated it has a much wider distribution. Additionally to this, records from Yakutia given below indicate *A. atroapterus* has a distribution range in Siberia far to the north.

Anaphothrips atroapterus Priesner, 1921

MATERIAL. Russia: Eastern Siberia: *Central Yakutia*, Yakutsk, Botanical Garden IBPC SB RAS, 62°01'21"N, 129°36'53"E 15.06.2018, 6.07.2018, 4♀♀ leg. Evdokarova T.G.; *North-East Yaku-*

tia, 1.5 km from the Khara–Khaya hill, Old Khandyga – Magadan road (63°11'57"N 144°01'03"E), 18.07.2011, 1♀ leg. Evdokarova T.G.

DISTRIBUTION. Europe, China (Heilongjiang), Russia (Bashkortostan, Yakutia).

KEY TO RUSSIAN SPECIES OF *ANAPHOTHRIPS*

- 1 Antennae 8-segmented 2
- Antennae 9-segmented, segment VI with transverse or oblique transverse suture 4
- 2 Abdominal tergite VIII posteromarginal comb complete, without craspedia; female macropterous or micropterous, male micropterous; both sexes completely yellow, but macropterous female usually yellow with a brown spot pattern *A. gracillimus* Priesner, 1923
- Abdominal tergite VIII posteromarginal comb absent, weakly developed laterally or with a row of short microtrichia on teeth like craspedia 3
- 3 Both sexes macropterous, with body predominantly dark brown; abdominal tergite VIII posteromarginal comb laterally weakly developed or absent; tergite IX S1 usually longer than length of tergite
..... *A. euphorbiae* Uzel, 1895
- Both sexes usually micropterous, rarely female macropterous; body brown, often with head partly or completely yellow; abdominal tergite VIII with a complete row of short microtrichia on teeth like craspedia or having these craspedia with microtrichia only marginally, tergite IX S1 equal or shorter than length of tergite
..... *A. atroapterus* Priesner, 1921
- 4 Female body yellow or predominantly yellow; antennal segment VI with or without transverse suture; abdominal tergite VIII posteromarginally without dentate craspedium 5
- Female body brown; antennal segment VI with a transverse suture; abdominal tergite VIII posteromarginally

- with comb of long microtrichia or with dentate craspedium 6
- 5 Body completely yellow or with brown markings on pronotum, laterally on meso- and metanotum and medially on tergite II–VII; antennal segment VI with an oblique suture; metascutum with a pair of campaniform sensillae; abdominal tergite VIII posteromarginally with comb of long microtrichia; micropterous and macropterous
..... *A. obscurus* (Müller, 1776)
- Body completely yellow without brown spots; antennal segment VI with a transverse suture; metascutum without campaniform sensillae; abdominal tergites II–VII with lateral serrations at posterior margin; male on sternite III–VII with small round to oval pores
..... *A. ponokikirmui* Kudo, 1989
- 6 Both sexes macropterous with metascutum and -scutellum well separated; body brown; abdominal tergite VIII posterior margin with comb of long microtrichia, male sternites III–VII with small circular pore plates
..... *A. badius* (Williams, 1913)
- Both sexes micropterous, tending to be apterous by completely or partially fused metascutum and -scutellum; female body brown and male body yellow; abdominal tergite VIII posterior margin with dentate craspedium;

male sternites III–VII with C-shaped pore plates
..... *A. dentatus* Cui, Xi et Wang, 2017

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