

FRAGMENTA FAUNISTICA

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***Atylostoma tricolor* (MIK, 1883), a species new to the fauna of tachinid flies (Diptera: Tachinidae) of Poland**

Abstract: First record of *Atylostoma tricolor* (MIK) from Poland was described. Previous information records of this species from Europe were summarised.

Key words: *Tachinidae*, *Atylostoma*, first record, Poland

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Tachinidae is a parasitic family of flies, developing within different arthropods, mainly within insects. Till now 470 tachinid species have been recorded in Poland (DRABER-MOŃKO 1991).

Atylostoma tricolor is a member of *Leskiini* tribe, that is represented in the Polish fauna by 11 species belonging to 5 genera (DRABER-MOŃKO 1991). *Atylostoma* is the 6-th of the genera recorded in Poland. In Palaeartic, one more species from *Atylostoma* genus is known i.e. *A. towandensis* (MATSUMURA, 1916) from East Siberia, Far East and Oriental Region (HERTING, DELY-DRASKOVITS 1993).

Atylostoma tricolor is a very rare eurosiberian species (TSCHORSNIG, HERTING 1994) whose single specimens have been found in many parts of Eurasia.

In Europe, *Atylostoma tricolor* occurs in Austria, Belgium, Byelorussia, France, Germany, Hungary, Slovakia, Slovenia, Switzerland and Western Russia (Luga near St. Petersburg). Available records of *A. tricolor* are presented in Table I and Fig. 1. In Asia, this species has been recorded in Caucasus (HERTING 1984), Baikal: Vitimsk province (RICHTER 1975), Far East: Sakhalin (HERTING 1984), Ussuria (KOLOMYETZ 1975, SHIMA 1992), Kuril Islands: Kunashir (HERTING 1984) and Japan: Hokkaido (HERTING 1984).

Table 1. Locality of *Atylostoma tricolor* (MIK) in Europe (? -lack of information)

No.	Country	Author	Described as	Locality	Number of specimens
1	France	PANDELLE 1894: 103	<i>Myobia tentaculata</i> PANDELLE, 1894	?	1
2	Belgium	HERTING 1984: 129	<i>A. tricolor</i> (MIK, 1883)	Chimy	?
3	Germany	TSCHORSNIG 1996: 470	<i>A. tricolor</i> (MIK, 1883)	Köln	1
4	Switzerland	HERTING 1960:124	<i>A. tricolor</i> (MIK, 1883)	Mendrisio (Tessin)	1
5	Slovenia	HERTING 1984:129	<i>A. tricolor</i> (MIK, 1883)	Celje	?
6	Austria	MIK 1883:257 HERTING 1984: 129	<i>Leskia tricolor</i> MIK, 1883 <i>A. tricolor</i> (MIK, 1883)	Hainburg Graz	1 ?
7	Hungary	MIHÁLYI 1986: 271	<i>A. tricolor</i> (MIK, 1883)	Bakonybel Szigliget Tarany (Somogy)	1 1 1
8	Slovakia	ČEPELÁK 1986: 293	<i>A. tricolor</i> (MIK, 1883)	Sulin Lubochnianska Dolynka Remetske Hamre Slovacki Raj (Kocurova) Cigelka	? ? ? ? ?
9	Poland	leg. BYSTROWSKI	<i>A. tricolor</i> (MIK, 1883)	Biała Podlaska	1
10	Byelarussia	DRABER -MOŇKO 1995: 167	<i>A. tricolor</i> (MIK, 1883)	Berezinsky Biosfere Reserve	1
11	Soviet Union	STECKELBERG 1962: 355	<i>Atylostoma micronychia</i> (MESNIL, 1963)	Luga near St. Petersburg	1

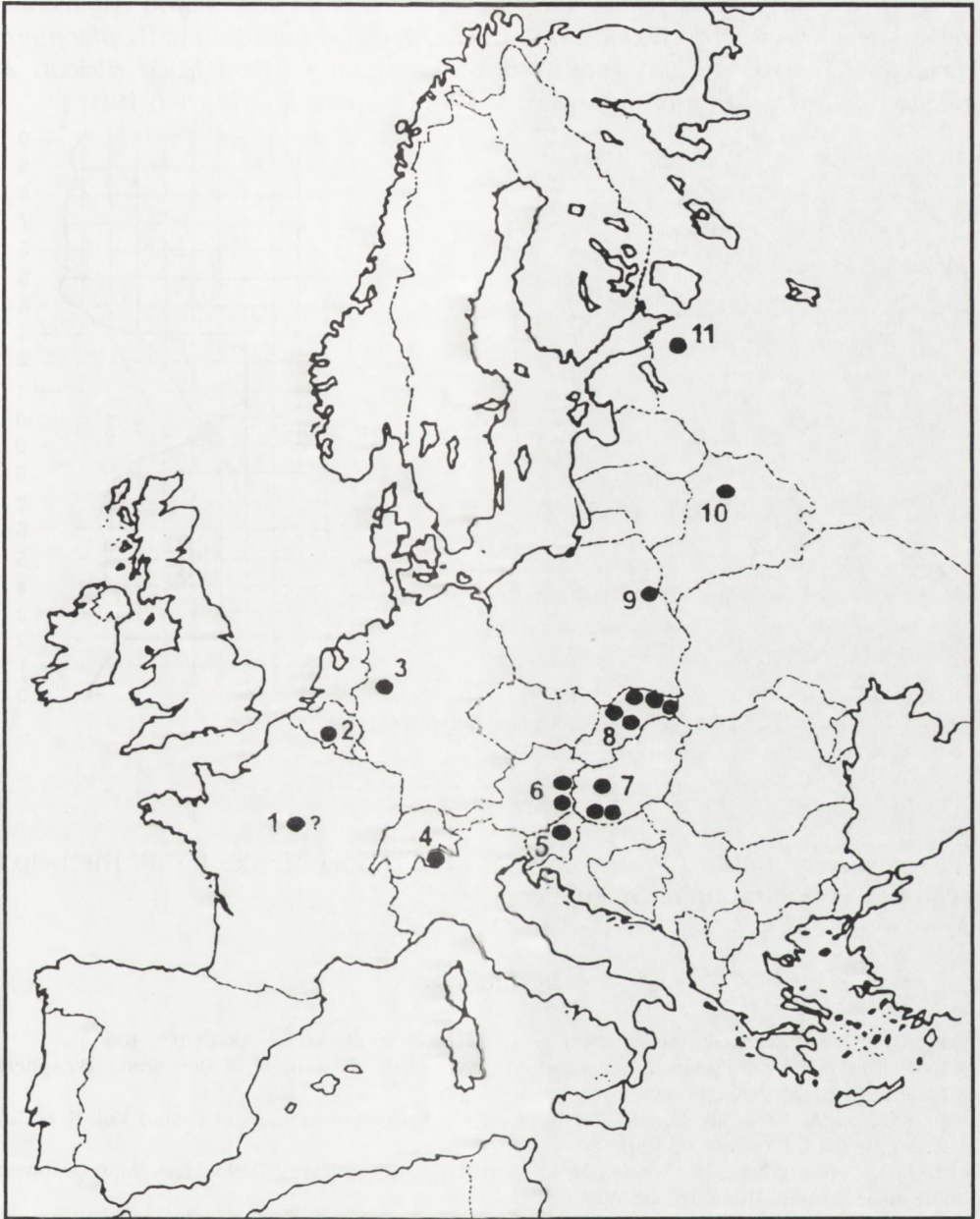


Fig. 1. Distribution of *Atylostoma tricolor* (Mik) in Europe

Only one female of *A. tricolor* was recorded in Poland on 5.07. 1996 in Biała Podlaska Forest District: Konstantynów Forest compartment no. 23, UTM - FC 49 (Fig. 2). This specimen was caught on a herbaceous plant in a 70-year-old fresh pine stand.

The knowledge about the biology of this species is very scant. *Atylostoma tricolor* develops within the caterpillars of *Eurypara hortulata* L. (Lepidoptera: Pyralide) (HERTING 1960) that feed on common nettle (*Urtica dioica*). *A. tricolor* has one generation in a year: VI–VIII (TSCHORSNIG, HERTING 1994).

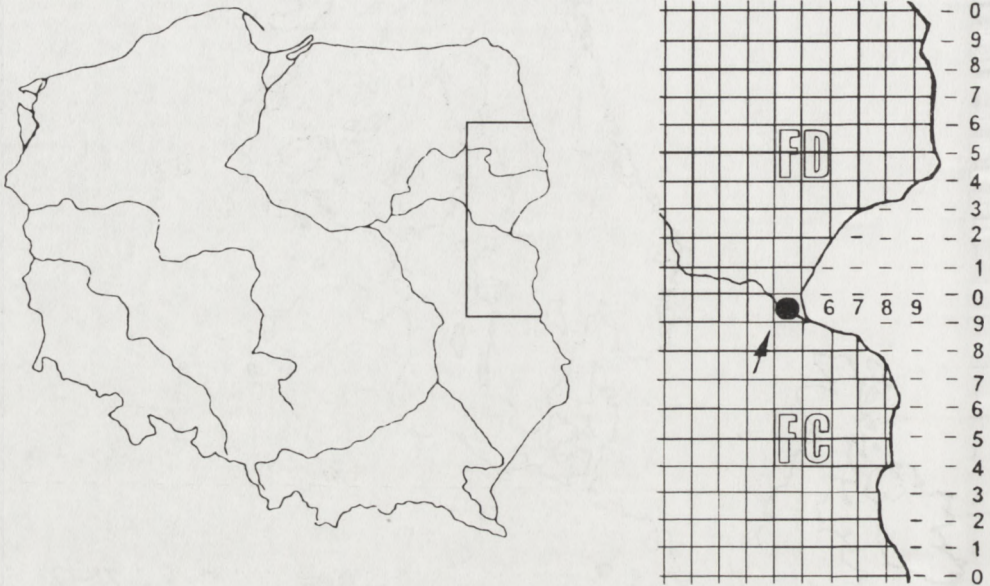


Fig. 2. Location of *Atylostoma tricolor* (MIK) in Poland

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STRESZCZENIE

[Tytuł: *Atylostoma tricolor* (MIK, 1883), nowy dla Polski przedstawiciel rączycowatych (*Diptera: Tachinidae*)

Jedna samicę *Atylostoma tricolor* (MIK, 1883), bardzo rzadkiego, eurosyberyjskiego gatunku z rodziny rączycowatych odłowiono w Nadleśnictwie Biała Podlaska (leśnictwo Konstantynów, oddz. 23, UTM – FC 49). Jest to pierwsze stwierdzenie tego gatunku w Polsce. Muchówka ta została złowiona na roślinności zielnej w 70-letnim drzewostanie sosnowym. W Europie gatunek ten był stwierdzany w Austrii, Belgii, na Białorusi, we Francji, w Niemczech, Słowacji, Słowenii, Szwajcarii i na Węgrzech oraz w okolicach St. Petersburga. Publikacja jest podsumowaniem wiadomości dotyczących rozmieszczenia i biologii gatunku.