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JERZY A. LIS

NEW DATA ON THE POLISH FLAT BUGS (HETEROPTERA, ARADIDAE)

Abstract. New records and some synonymic notes on the Polish *Aradidae* are given.
Key words: *Heteroptera, Aradidae*, Poland, new records.

In a faunistic review of the Polish *Aradidae* (Lis, 1990a) I summarized records on 18 country species. Then the next species (*Aradus aterrimus* Fieber) was added to the list of the Polish flat bugs (Lis, 1990b).

In the present paper I give some new records and synonymic notes concerning Polish flat bugs.

I would like to express my thanks to Dr. hab. L. Borowiec for presenting me with the specimens and Dr. T. Vásárhelyi (Budapest) for the data from a revision of Palaearctic *Aradidae* (Vásárhelyi, in litt.)

NOTES ON SPECIES

1. *Aradus bimaculatus* Reuter, 1872

Aradus hahni Reuter, 1884

Dr. T. Vásárhelyi has studied the types of both mentioned species (Vásárhelyi, in litt.) and proved that *A. hahni* was a junior synonym of *A. bimaculatus*.

2. *Aradus signaticornis* Sahlberg, 1848

Material examined

Silesian and Cracovian Upland: Katowice-Tysiąclecie, 1♂ 7.V.1990, leg. J.A. Lis.

Remarks

Hitherto recorded only from Świerklaniec and Bytom (Cmoluchowa, 1977; Lis, 1987, 1990a) — fig.

3. *Aradus obtectus* Vásárhelyi, 1988

Aradus pictus auct

A. pictus Baerensprung, 1859 is a Mediterranean species and the rest



Fig. 1. Polish records of:
● — *Aradus signaticornis* Sahlberg
○ — *Mezira tremulae* (Buettner)

of the Palaearctic is inhabited by another closely allied species, described by Vásárhelyi (1988) as *A. obtectus*. All Polish records on *A. pictus* should be therefore related to *A. obtectus*.

4. *Aradus betulinus* Fallen, 1829

Aradus crassicornis Boheman, 1852

A. crassicornis Boh. was synonymized with *A. betulinus* Fall. by Hoberlandt (1955); some years later Gyllensvärd (1964) treated them as two independent species. The latest studies (Kormilev and Froeschner, 1987; Vásárhelyi, in litt.) confirm the synonymization proposed by Hoberlandt (op. cit.).

5. *Mezira tremulae* (Buettner in Germar, 1822)

Material examined

Eastern Małopolska Upland: Roztocze, Bukowa Góra reserve, 1♀ 2♂♂ 3 larvae, under a bark of *Abies alba* Mill., leg. L. Borowiec.

Remarks

Hitherto known only from Białowieża Forest (Schumacher, 1919; Strawiński, 1956), Lublin (Vásárhelyi, 1982) and an environ of Przemyśl (Kotula, 1890; Lis, 1990a) — fig.

At present the Polish fauna of flat bugs *(Aradidae)* comprises following species: *Aneurus avenius* (Dufour), *Aneurus laevis laevis* (Fabricius), *Aradus versicolor* Amyot et Serville, *A. cinnamomeus* Panzer, *A. bimaculatus* Reuter, *A. depressus depressus* (Fabricius), *A. trucatus* Fieber, *A. erosus* Fallen, *A. signaticornis* Sahlberg, *A. lugubris* Fallen, *A. betulae* (Linnaeus), *A. obtectus* Vásárhelyi, *A. brevicollis* Fallen, *A. conspicuus* Herrich-Schaeffer, *A. betulinus* Fallen, *A. corticalis* (Linnaeus), *A. aterrimus* Fieber and *Mezira tremulae* (Buettner).

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NOWE DANE O POLSKICH KOROWCOWATYCH (HETEROPTERA, ARADIDAE)

Streszczenie

W pracy podano nowe stanowiska dla dwóch rzadkich gatunków korowcowatych: *Aradus signaticornis* Sahlberg i *Mezira tremulae* (Buettner). Wyjaśniono także synonimikę kilku polskich gatunków w oparciu o najnowszą literaturę.

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Jerzy A. Lis
Department of Natural History
Upper Silesian Museum
Pl. Jana III Sobieskiego 2
41-902 Bytom, Poland

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