

Genus	Vol. 19(1): 61-63	Wrocław, 20 IV 2008
-------	-------------------	---------------------

The synonymy and distribution of *Aegomorphus obscurior* (PIC, 1904),  
new status and occurrence of *A. francottei* SAMA, 1994 in Poland  
(Coleoptera: Cerambycidae)

JACEK HILSZCZAŃSKI

Department of Forest Protection, Forest Research Institute, Sękocin Stary ul. Braci Leśnej nr 3,  
05-090 Raszyn, hilszczj@ibles.waw.pl

ABSTRACT. *Aegomorphus wojtylai* HILSZCZAŃSKI et BYSTROWSKI 2005 is synonymised with *A. obscurior* (PIC, 1904) stat. nov. The species is recorded from a new locality in Russia, and as new for Mongolia. *A. francottei* SAMA, 1994 is recorded as new for Poland.

Key words: *Coleoptera*, *Cerambycidae*, *Aegomorphus obscurior*, *A. wojtylai*, *A. francottei*, new records, new synonym, Poland, Mongolia, Russia

***Aegomorphus obscurior* (PIC, 1904), new status**

*Acanthoderes clavipes* var. *obscurior* PIC, 1904: 17

*Aegomorphus wojtylai* HILSZCZAŃSKI et BYSTROWSKI 2005: 202, **new synonymy**.

During research on the recently reorganized collection of beetles at the Museum and Institute of Zoology, Polish Academy of Sciences, in Łomna, several interesting specimens of the genus *Aegomorphus* HALDEMAN have been found. I have determined four specimens collected by B. BURAKOWSKI and H. SZEŁĘGIEWICZ during expeditions to Mongolia in 1963 and one specimen collected by W. STRASZEWICZ in Siberia in 1942 as conspecific with *A. wojtylai* HILSZCZAŃSKI et BYSTROWSKI 2005:

MONGOLIA, 30 km North of Batsumber, larva 8.VIII.1963, pupa 25.III.1964, imago 16.IV.1964. 2 males, 1 female, leg. B. Burakowski; the same data, 8.VIII.1963, 1 dead imago from birch branch, leg. B. Burakowski et H. Szelegiewicz;

RUSSIA, Siberia, Alajskij Kraj, Barnaul Env. Kulichenskoie V-VI.1942, 1 male, leg. W. Straszewicz.

The specimens collected in Mongolia had been determined before by HEYROVSKY as *Acanthoderes clavipes* ab. *obscurior* PIC (HEYROVSKY 1973). After studying PIC's paper (1904) with its enigmatic description of a new variety "*obscurior*" of *A. clavipes* (described from a single specimen collected in Siberia in the Amour river area), the status of that variety and *A. wojtylai* was questionable. Thanks to the study of the male type of *A. clavipes* var. *obscurior* (Fig. 1) by Mikhail DANILEVSKY (Moscow)(pers. comm.) at the Museum of Natural History in Paris it is clear now that *A. wojtylai* is a junior synonym of *A. clavipes* var. *obscurior* and the variety described by PIC has to be raised to species level as *A. obscurior* (PIC, 1904).

The species is broadly widespread in the Palaearctic and, following the description of *A. wojtylai* (HILSZCZAŃSKI et BYSTROWSKI, 2005), it has been recorded from many localities in Russia from Moscow to the Far East, Kazakhstan (DANILEVSKY et SHAPOVALOV 2007) and from Latvia (TELNOV 2007). Based on the specimens collected by BURAKOWSKI and SZEŁĘGIWICZ (see above) the species is new for Mongolia.

#### *Aegomorphus francottei* SAMA, 1994

Another two specimens preserved at Łomna determined as *A. clavipes* from the collection of O. SCHREIBER were collected in the vicinity of Nowa Sól (Neusalz)



1. *Aegomorphus obscurior* (PIC, 1904): holotype from Natural History Museum Paris (photo G. TAVAKILIAN);  
2. *A. francottei* SAMA, 1994, male: (Nowa Sól) from Museum of Institute of Zoology Łomna. (photo W. JANISZEWSKI)

(Nizina Wielkopolsko-Kujawska lowland, south-western Poland) at the beginning of twentieth century:

Neusalz [Nowa Sól], Oderwald, VI. [19]04, Eiche (oak), 1 male; the same locality, 25.VI.[19]04, Von Eschen-Knüppelzaun [from ash fence stick] 1 female, ex. coll. O. Schreiber.

After studying the specimens, both are here redetermined as *Aegomorphus francottei* SAMA, 1994 (Fig. 2), based on morphological characters, especially the distinct shape of the male genitalia (cf. HILSZCZAŃSKI et BYSTROWSKI 2005). This new species for the Polish fauna is associated mostly with oak in xerothermic localities, and it is known so far from south-western France and the Balkans (Montenegro, Macedonia, Bulgaria, Romania) (ALLEMAND et al. 2002). *A. francottei* has been collected on *Quercus suber* and *Q. pubescens* and probably accidentally on beer traps in France (H. BRUSTEL pers. comm.). The finding from Nowa Sól considerably extends the known range of the species to the north.

#### ACKNOWLEDGEMENTS

I would like to thank Mikhail DANILEVSKY (Moscow) for kindly giving me access to his study on *A. obscurior*; Hervé BRUSTEL (Toulouse) for information about *A. francottei*; Martin SCHWARZ and Fritz GUSENLAITNER (Linz) for help with transcription of old German labels; Mark SHAW (Edinburgh) for correction of language; Wojciech JANISZEWSKI and Gerard TAVAKILIAN (Paris) for pictures of *Aegomorphus*; and to Wioletta TOMASZEWSKA and Tomasz HUFLEJT for their cooperation in the loan of specimens from the collection of Museum and Institute of Zoology, Polish Academy of Sciences, Warsaw.

#### REFERENCES

- ALLEMAND, R., BRUSTEL, H., CLARY, J., 2002. Une espèce de Cerambycidae nouvelle pour la faune de France, *Aegomorphus francottei* SAMA (Coleoptera). Bull. mens. Soc. Linn. Lyon, **71**(3): 105-114.
- DANILEVSKY, M., SHAPOVALOV, A.M., 2007. The occurrence of *Aegomorphus wojtylai* HILSZCZAŃSKI et BYSTROWSKI, 2005 (Coleoptera, Cerambycidae) in Russia. Eversmannia, **9**: 8-10.
- HEYROVSKY, L., 1973. Cerambycidae (Coleoptera) aus der Mongolei. Fragm. Faunistica, **19**, 6: 115-119.
- HILSZCZAŃSKI, J., BYSTROWSKI, C., 2005. *Aegomorphus wojtylai*, a new species from Poland, with the key to European species of *Aegomorphus* Haldeman (Coleoptera: Cerambycidae). Genus, Wrocław, **16**(2):201-207.
- PIC, M., 1904. List de Longicornes recueillis sur les bords du fleuve Amour. Matériaux pu servir a l'études des Longicornes. **5**(1): 12-18.
- SAMA, G., 1994. Note sulla nomenclatura dei Cerambycidae della regione mediterranea. II. Revisione di alcuni tipi di KRAATZ, v. HEYDEN e STIERLIN (Coleoptera, Cerambycidae). Lambillionea, **XCIV**, 3: 321-334.
- TELNOV, D., 2007. Species recorded for Latvia after the publication of the "Check-list of Latvian beetles (Insecta: Coleoptera)" in: <http://leb.daba.lv/addenda.pdf>.