



## SHORT COMMUNICATION

### **Materials to the knowledge of Polish sawflies. The genus *Dolerus* Panzer, 1801 (Hymenoptera, Symphyta, Tenthredinidae, Selandriinae). Part VII - *Dolerus aericeps* Thomson, 1871<sup>1</sup>**

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#### **ABSTRACT**

The paper presents historical and new faunistic data concerning the occurrence of *Dolerus aericeps* Thomson, 1871 in Poland, supplemented with elements of bionomy – in particular phenology of the appearance of imagines – and general geographical distribution.

**Keywords:** Hymenoptera, Symphyta, Tenthredinidae, Selandriinae, *Dolerus aericeps*, sawflies, Poland, faunistic data, bionomy

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In the presented series of elaborations, focusing on faunistics and bionomy of Polish representatives of *Dolerus* Panz., the authors wish to report the results of collecting on more than thirty Polish localities in 2012-2017. The list (with short description) of localities on which *Dolerus aericeps* Thoms. has been found is presented in Table 1, and general distribution of the species in Poland on Map 1. Most of the specimens were collected by the authors of this paper. Two specimens were caught by M. Bidas and B. Wiśniowski (see paragraph “New localities”). All specimens have been deposited in the Department of Forest Protection and Ecology SGGW, in Rogów.

**Table 1.** List of localities of *Dolerus aericeps* Thoms. in 2012-2017.

Locality number	Locality name	GPS coordinates UTM grid	Short description
1	Rogów – railroad embankment	N 51°49'59" E 19°54'27" UTM: DC24	Slopes of embankment of the Łódź Fabryczna – Skierniewice railroad, in the immediate vicinity of forest; xerophytic vegetation with numerous species of grasses, umbelliferes, horsetails and few sedges.
2	Leszczyny Colony – wet meadow	N 51°47'15" E 19°54'44" UTM: DC23	Wet hay-growing meadow near Leszczyny Colony, with numerous species of sedges, grasses, rushes and horsetails, surrounded by ditches draining water exudatives.
3	Serpelice	N 52°16'52" E 23°03'23" UTM: FC39	Natural meadows immediately on the Bug river in Serpelice.
4	Wojnicz	N 49°57'16" E 20°52'05" UTM: DA83	Ruderal vegetation near the borders of Wojnicz.
5	Kampinos National Park, Korfowe	N 52°16'31" E 20°31'31" UTM: DC69	Herbaceous vegetation growing on the edge of the forest near Korfowe.

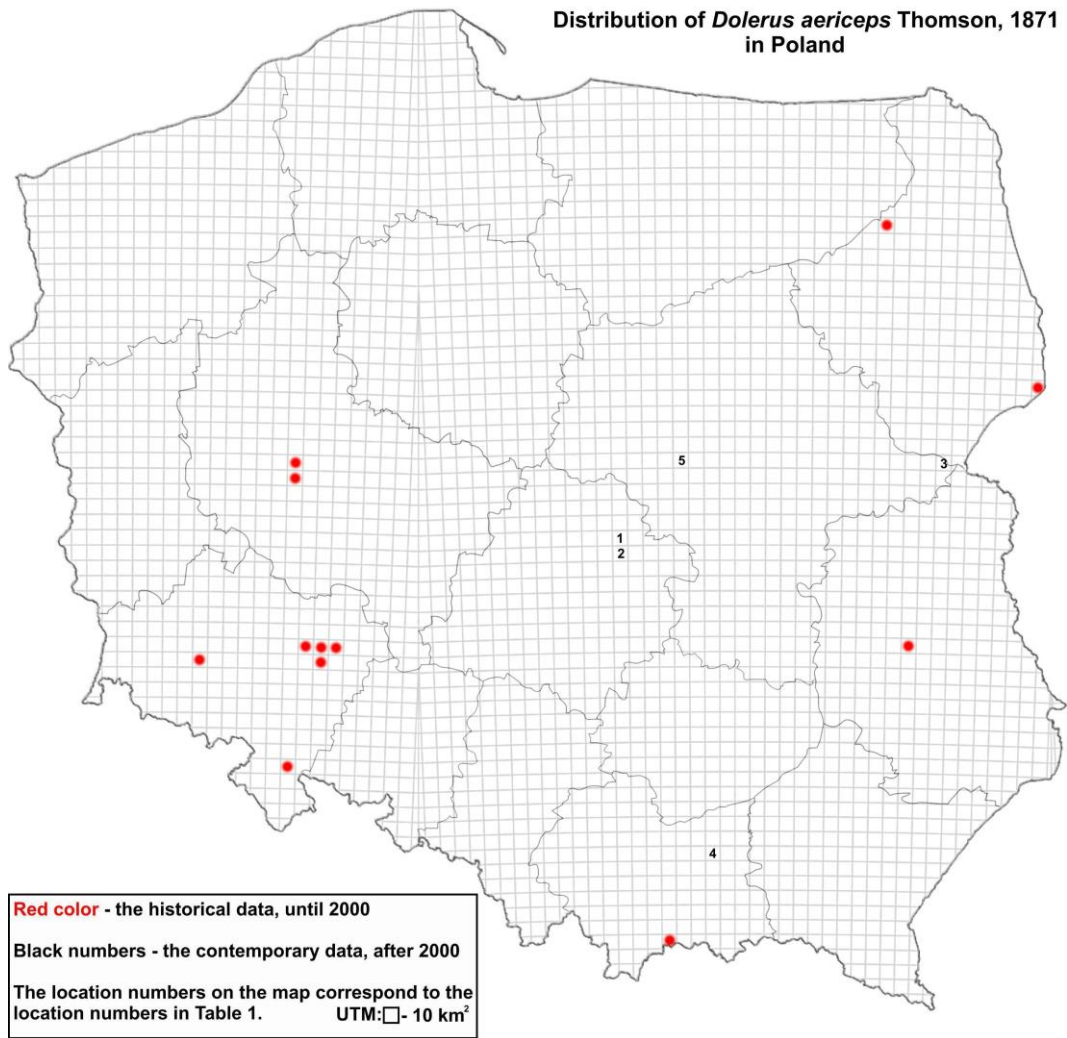
***Dolerus (Dolerus) aericeps* Thomson, 1871 (Fig. 1)**

**Known localities:** Mirków, Wrocław, Wrocław-Biskupice Widawskie, Wrocław-Rędzin, Jerzmanice Zdrój, Bardo (Dittrich 1905); Białowieża, Masurian Lakeland: Łękowo (Bischoff 1925); National Park of Wielkopolska: Ludwikowo, Kociołek Lake, Góreckie Lake (Szulczewski 1939); Lublin-Felin (Miczulski 1964); Pieniny Mts. (Huflejt 1978).

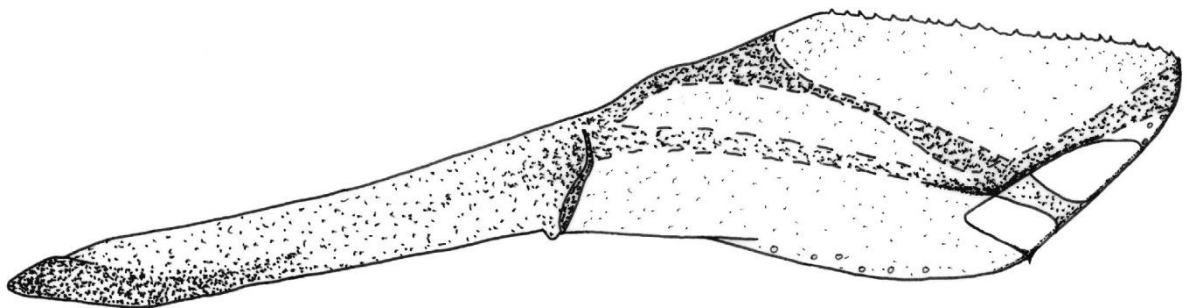
**New localities:** {1}, Rogów: Doliska/Zimna Woda Range (UTM: DC24), 16.VIII.2017, 6♀♀, 1♂; 18.VIII.2012, 1♀; 24.VIII.2013, 5♂♂, 3♀♀; {2}, Leszczyny Colony (UTM: DC23), 20.VII.2016, 15♂♂, 11♀♀; {3}, Serpelice (UTM: FC39), 15.VII.2014, 1♂, leg. M. Bidas; {4}, Wojnicz (UTM: DA83), 16.VIII.2014, 1♀, on *Heracleum* sp., leg. B. Wiśniowski; {5}, Kampinos National Park (UTM: DC69), 22.VIII.2017, 1♀, on *Equisetum arvense* L.

**Host plant:** *Equisetum* spp.

**Geographical distribution:** Known almost from all European countries, also in Turkey.

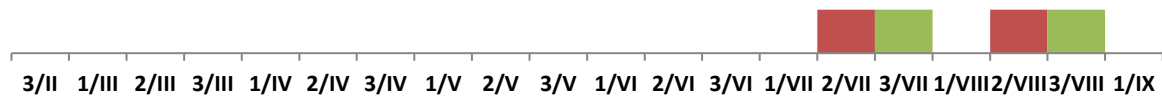


**Map 1.** Distribution of *Dolerus aericeps* Thoms. in Poland.



**Fig. 1.** *Dolerus aericeps* Thoms. – a right penis valve of male aedeagus (outer view).

Summer species – flies in July and August, as the last of all *Dolerus* species occurring in Poland; August swarming may represent second generation (Fig. 2). Males and females appear simultaneously. Imagines (mainly females) have been observed on flowers of *Pastinaca sativa* L. and *Heracleum* sp.



**Fig. 2.** Period of appearance of *Dolerus aericeps* Thoms. imagines in Central Poland (maximum intensity of swarming marked with red); II – IX – months from February to September; 1, 2, 3 – decades of particular months.

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