

Staphylinidae (Coleoptera)  
new to the Belgian fauna

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**Abstract**

12 Staphylinids are added to the Belgian fauna: *Achrolocha amabilis* (Heer, 1841), *Atheta puberula* Sharp, 1869, *Calodera protensa* Mannerheim 1802, *Lesteva nivicola* Fauvel 1876, *Metopisia gallica* Koch 1938, *Mycetoporus longulus* Mannerheim, 1830, *Ocypus winkleri* Bernhauer, 1906, *Phloeonomus lapponicus* Zetterstedt, 1828, *Philonthus alpinus* Eppelsheim, 1875, *Quedius simplicifrons* Fairmaire, 1861, *Stenus europaeus* Puthz, 1966, *Stenus guynemeri* Duval, 1850.

**Introduction**

In 1862 M. TENNSTEDT published a first catalog of the Belgian Staphylinids, a work that was soon revised by H. DONCKIER DE DONCEEL (1880), although with exclusion of the subfamily Aleocharinae. In the subsequent decennia faunistic data were mainly limited to many, but only short and often incomplete "addenda" and "communications", and to some inventories restricted to particular habitats or regions.

Preparing a new catalog of Belgian Staphylinids, a revision of the collection at the State University of Ghent \* revealed 12 species that can be added to the Belgian fauna.

Since the catalog mentioned is mainly based on literature data and will not provide detailed information on capture site, this information is given below, together with some ecological notes, remarks, and distributional data of surrounding countries.

All specimens were caught (unless mentioned) and checked by the author.

***Acrolocha amabilis* (HEER, 1841) Belg. n. sp.**

Location: Erpe-Mere, 22-IX-1982, 1 ♀. Collected by means of pitfall trapping in an extensively grazed meadow near by the "Molenbeek".

Distribution: "Im Mitteleuropa, Südeuropa, Mittelmeergebiet, bis nach Kleinasien und die Kaukasusländer weit verbreitet" (SCHEERPELTZ, 1937). "Im westlichem und südlichem Mitteleuropa ziemlich selten" (LOHSE, 1964). Not yet recorded in England and the Netherlands.

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Ecology: " besonders im Frühjahr in Pilzen und faulenden Pflanzenstoffen" (LOHSE, 1964).

Remark: Within the genus, this species is easily recognizable by its coloration.

**Atheta (Anopleta) puberula** SHARP, 1869 Belg. n. sp.

Location: Gistel, 3-V-1983, ♀. Hand-caught by means of flooding water over the bordering substrate of a recent sand-pit.

Distribution: England, Germany, Austria, Czechoslovakia (HORION, 1951; LOHSE, 1974; BENICK, 1979).

Ecology: "Lebt unterirdisch in Mausegänge, auch fliegend und an Gräsern" (Benick, 1979).

Remark: This rare species occurs in the "Rote liste für die Rheinprovinz" (Koch e.a., 1977).

**Calodera protensa** MANNERHEIM, 1872 Belg. n. sp.

Location: Smeerebbe-Vloerzegem, 5-V-1982, ♂. Collected by pitfall trapping in a meadow with a well-developed *Juncus*-vegetation.

Distribution: "im östlichem Mitteleuropa ziemlich selten, nach Westen hin noch seltener (LOHSE, 1974). The Netherlands (BRAKMAN, 1966). England (rare, P. HAMMOND, pers. comm.).

Remark: Occuring in the Rote Liste für die Rheinprovinz" (Koch e.a., 1977).

**Lesteva nivicola** FAUVEL, 1876 Belg. n. sp.

Location: Saint-Sauveur, 30-III-1984, 1 ♀ (Leg. K. DESENDER). Trapped by a pitfall in a forest.

Distribution: "In montanen Gebieten des mittlerem und südlichem Mitteleuropa, sehr häufig. In Österreich die gemeinste Art der Gattung" (LOHSE, 1964).

Remark: The species was formerly considered as a subspecies of *Lesteva longoelytrata* (GOEZE, 1777) and can be distinguished by the proportions of the tarsal segments, the pronotum and the somewhat divergent outer margins of the elytra.

**Metopsia gallica** KOCH, 1938 Belg. n. sp.

Location: De Panne, 10-1979, 1 ♂. (Det. et leg. L. VANHERCKE). Houtsaegeerduinen.

Distribution: Still incomplete: The Netherlands (BRAKMAN, 1966); England (TOTTENHAM, 1954); Germany (SCHMAUSS, 1966).

Additional record: Spanish Pyrenees, Bielsa, 8-1984, 8 ♂ 4 ♀. (Leg. R. BOSMANS). Trapped by pitfall in a forest.

Remark: The specimen is distinguishable from *M. clypeata* (MULLER, 1821) by use of the aedeagus (LOHSE, 1964). In KLOET & HINCKS (1977) both species are united as *M. retusa* (STEPHENS, 1834).

**Mycetoporus longulus** MANNERHEIM, 1830 Belg. n. sp.

Location: Oostduinkerke, 28-III-1981, 1 ♂. (Det. et leg. L. VANHERCKE).

Distribution: Holarctic (ZANETTI, 1978). (e.g.: The Netherlands, England, Germany, France, Italy, Spain, Portugal, Skandinavia).

Remark: Can be separated at once by the microsculpture of the head from *M. brunneus* (MARSHAM, 1802) (syn. *M. lepidus* GRAVENHORST, 1802), to which it was formerly assigned as a variety.

**Ocypus winkleri** BERNHAUER, 1906 Belg. n. sp.

Location: Koksijde (Doornpanne), 23-II-1974, 1 ♂. (Det. et leg. L. VANHERCKE).

Distribution: "Largement répandue dans toute l'Europe, y compris l'Angleterre, atteint le sud du Portugal. Vers l'est atteint l'Asie Mineur. Dispersion reste à préciser" (COIFFAIT, 1974).

**Phloeonomus lapponicus** ZETTERSTEDT, 1828 Belg. n. sp.

Location: Lippelo, 21-X-1984, 1 ♀. (Incompletely coloured teneral). Found between the lamellae of a *Pholiota* species (Fungi) in a pine forest.

Distribution: "Europe septentrionale et moyenne, Sibérie, Etats-Unis" (JARRIGE, 1950). (e.g.: The Netherlands, Great Britain, France, Germany.)

Ecology: Can be found under the bark of conifers (JARRIGE, 1950; LOHSE, 1964).

**Philonthus alpinus** EPPELSHEIM, 1875 Belg. n. sp.

Location: Melle, 16-V-1979, 2 ♂. (Det. et leg. L. VANHERCKE). In 20-days old cattle-droppings.

Distribution: "Iles Britanniques, montagnes d'Europe centrale et méridionale, Espagne. France: Jura, Alpes, Pyrénées. Zone subalpine, descend parfois dans les vallées" (COIFFAIT, 1974).

Remark: The related *P. albipes* GRAVENHORST, 1802 occurs also in the meadows at Melle and can be separated by use of the aedeagus.

**Quedius simplicifrons** FAIRMAIRE, 1861 Belg. n. sp.

Location: Oostende (Halve Maan), 6-VII-1983, 2 ♀. Var. *rufulus* BLÜMML, 1898. Caught by hand whilst running over brackish mud.

Distribution: "Europe occidentale, Corse, Madère" (COIFFAIT, 1978). "Nordseeküste" (LOHSE, 1964). Not yet recorded from The Netherlands.

Remark: Can be separated from the common *Q. molochinus* GRAVENHORST, 1806 by the pronotal puncturation.

**Stenus europaeus** PUTZ, 1966 Belg. n. sp.

Location: Denderbelle, 18-V-1982, 4♂ 2♀. Trapped by pitfall in a dense *Glyceria*-vegetation.

Distribution: PUTHZ (1966) gives no real indication of any Belgian material examined, although the area is covered on his map. He notes findings from Skandinavia, USSR, CSSR, Italy, Switzerland, France, Germany, Hungary, Austria and Great Britain.

**Stenus guynemeri** DUVAL, 1850 Belg. n. sp.

Location: Buzenol, 27-V-1985, 1♂. Caught by hand whilst running along a forest brooklet.

Distribution: A map is given by SAINTE-CLAIRE DEVILLE (1921). The species occurs in all other European countries, except for Skandinavia and the Netherlands.

Ecology: Obligatory torrenticole (ANDERSON, 1984).

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