

## NEW LITHUANIAN RECORDS

The first paper notes *Agabus clypealis* (Thomson), based on a specimen from Bezdonys in 1966. Eight beetle taxa are noted from springs in the second paper but only *Helophorus aquaticus* (L.) is named to species.

IVINSKIS P, RIMŠAITĖ J & MERŽUEVSKIJ A 2013. Data on beetle (Coleoptera) species new for Lithuanian fauna. *New and Rare for Lithuania Insect Species* **25** 18-23.

VISINSKIENĖ G & BERNOTIENĖ R 2013. Macroinvertebrates in the south-eastern Lithuanian springs with the note on the blackfly (Diptera: Simuliidae) species new for Lithuanian fauna. *New and Rare for Lithuania Insect Species* **25** 73-78.

## IBERIAN STICTONECTES

It should come as no surprise that this the most difficult genus of dytiscids to identify in the Iberian Peninsula has until now hid a completely new species which has the most sharply differentiated DNA of the lot. The new species can be differentiated by the long, finger-like projections of the parameres and by the distinct continuous rim to the clypeus, stronger in females than males. This brings the Iberian list to eight species, three of them being endemic. Using a huge array of climatic variables the authors map the potential distribution of the endemics.

MILLAN A, PICAZO F, FERY H, MORENO J L & SANCHEZ-FERNÁNDEZ D 2013. *Stictonectes abellani* sp. n. (Coleoptera: Dytiscidae: Hydroporinae) from the Iberian Peninsula, with notes on the phylogeny, ecology and distribution of the Iberian species of the genus. *Zootaxa* **3745** 533-550.

## ADDITIONS TO THE BELARUSIAN FAUNA OF WATER BEETLES

S K Ryndevich, G N Foster, D T Bilton, R Aquilina, C R Turner, H Shaverdo, & A A Prokin  
Until now the water beetles fauna of Belarus has comprised 298 species (Haliplidae – 18, Noteridae – 2, Dytiscidae – 122, Gyrinidae – 11, Helophoridae – 18, Georissidae – 1, Hydrochidae – 6, Spercheidae – 1, Hydrophilidae – 55, Hydraenidae – 16, Elmidae – 11, Dryopidae – 5, Limnichidae – 3, Chrysomelidae (Donacinae) – 29) (Ryndevich & Moroz 2000; Ryndevich 2004, 2005; Moroz 2013; Lopatin & Nesterova 2005) Recent researches including research at a meeting of the Balfour-Browne Club (June 2013) have added to the list of water beetles of Belarus, Pripyatskiy National Park and the Berezinskiy Reserve

### Family Dytiscidae

***Agabus affinis* (Paykull)** - Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve, near v Domzheritsy, transitional swamp Savskiy Mokh, 22.vi.2013, leg. H Shaverdo, 3 specimens same data, old riverbed of river Sergoch /Buzyanka/, N 54° 45' 46.3", E 28° 18' 55.42", 21.vi.2013, leg. R Aquilina, 2 specimens. This rare species was recorded for Vitebsk and Grodno regions. Second record for the Berezinskiy Reserve.

***Dytiscus latissimus* L** - Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve, near v Domzheritsy, r Sergoch /Buzyanka/, 22.vi.2013, leg. C R Turner, 3 specimens The species is included in the Red Book of Belarus.

***Graphoderus bilineatus* (DeGeer)** - Gomel reg., Zhitkovichi distr., Pripyatskiy National Park, near v Vyshelov, N 52° 6' 21.85", E 28° 9' 18.50", old riverbed of r Pripyat, 19.vi.2013, leg. R Aquilina, 1 specimen. The species is in the Red Book of Belarus.

***Hydroporus elongatulus* Sturm** - Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve, near v Domzheritsy, transitional swamp Savskiy Mokh, N 54° 44', E 28° 15.24', 22.vi.2013, leg. G N Foster, 1 specimen. The species is local and is represented by individual specimens.

***Hydroporus glabriusculus* Aubé** - Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve, near v Domzheritsy, transitional swamp Savskiy Mokh, N 54° 44', E 28° 15.24', 22.vi.2013, leg. D T Bilton, 1 specimen. This very rare species was earlier recorded for the Vitebsk and Brest regions.

***Hydroporus neglectus* Schaum** - Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve, near v Domzheritsy, N 54° 45' 46.3", 28° 18' 55.42" E, old riverbed of r Sergoch /Buzyanka/, 21.vi.2013, leg. R Aquilina, 2 specimens. New to the Berezinskiy Reserve.

***Hygrotus confluens* (Fab)** - Gomel reg., Zhitkovichi distr., Pripyatskiy National Park, near v Lyaskovichi, N 52° 51' 8.72", E 27°29' 43.19", old riverbed, 20.vi.2013, leg. R Aquilina, 5 specimens. New to Pripyatskiy National Park. This rare species was recorded in the Mogilev region only.

***Ilybius chalconatus* (Panzer)** - Gomel reg., Zhitkovichi distr., Pripyatskiy National Park, near v Lyaskovichi, old riverbed, 19.vi.2013, leg S Ryndevich, 1 specimen. New to Pripyatskiy National Park. This rare species was recorded to Vitebsk and Gomel regions.

***Ilybius wasastjernaе* (Sahlberg)** - Vitebsk reg., Lepel distr., Berezinskiy Reserve, near v Domzheritsy, 54° 44' 42" N 28° 17' 39" E, bog, tree root holes 22.vi.2013, leg. R Aquilina, C R Turner and S K Ryndevich, 5 specimens. This rare species was recorded to Vitebsk and Minsk regions.

***Laccophilus poecilus* Klug** - Gomel reg., Zhitkovichi distr., Pripyatskiy National Park, near v Vyshelov, N 52° 6' 21.77", E 28° 3' 27.0", in a riverine marsh, 19.vi.2013, leg. R Aquilina, 1 specimen. Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve, 54° 42' 45 N 54° 50" E 28° 18' 22.90", 23.vi.2013, leg. R Aquilina, 1 specimen. New for the Pripyatskiy National Park and the Berezinskiy Reserve.

***Laccornis oblongus* (Stephens)** - Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve, near v Domzheritsy, transitional swamp Savskiy Mokh, N 54° 44', E 28° 15' 24", 22.vi.2013, leg. G N Foster, 1 specimen. The species is rare and is represented by individual specimens. New to the Berezinskiy Reserve.



The transitional swamp in the Berezinskiy Biosphere Reserve, with *Hydroporus elongatulus*, *H. glabriusculus*, *Laccornis oblongus*, *Hydrochus ignicollis* and *Dryops anglicanus*

**Family Gyrinidae**

***Aulonogyrus concinnus* (Klug)** - Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve, lake Bereshcha, 24.vi.2013, leg. H Shaverdo, 1 specimen. New for the Berezinskiy Reserve.

**Family Helophoridae**

***Helophorus arvernicus* Mulsant** - Minsk reg., near Soligorsk, temporary pool, 21.vi.2013, leg. S Ryndevich, 1 specimen. Second record for Belarus.

***Helophorus nanus* Sturm** - Gomel reg., Zhitkovichi distr., Pripyatskiy National Park, near v Lyaskovichi, old riverbed, 19.vi.2013, leg. S Ryndevich, 1 specimen. New to Pripyatskiy National Park.

**Family Hydrochidae**

***Hydrochus ignicollis* Motschulsky** - Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve near v Domzheritsy, transitional swamp Savskiy Mokh, N 54° 44', E 28° 15.24', 21.vi.2013, leg. G N Foster, 1 specimen. This rare species was recorded to Vitebsk, Mogilev and Gomel regions.

**Family Hydrophilidae**

***Cercyon castaneipennis* Vorst** - Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve near v Domzheritsy, cow dung, 30.v.1994, leg. S Ryndevich, 4 specimens; same data, 5.vi.1994, 1 specimen, leg. S Ryndevich, same data, horse dung, 1.vii.1997, leg. S Ryndevich, 6 specimens; same data, 21.vi.2013, leg. G N Foster, 2 specimens; same data, Rozhnyanskoe swamp, cow dung, 28.vii.1998, leg. A O Lukashuk, 1 specimen; Grodno distr., 17.vi.1990, leg. O Alexandrovich, 1 specimen. New for Belarus and the Berezinskiy Reserve. This species was originally recorded in the reserve as *Cercyon obsoletus* Gyllenhal (Moroz & Ryndevich 2000), also known from Belarus.

***Laccobius gracilis gracilis* Motschulsky** - Brest reg., near Pinsk, r Pripyat 24.vii.2013, leg. D S Lundyshev, 1 specimen. New for Belarus.

***Limnoxenus niger* (Gmelin)** - Gomel reg., Zhitkovichi distr., Pripyatskiy National Park, near v Vyshelov, N 52° 6' 21.85", E 28° 9' 18.50", old riverbed of r Pripyat, 19.vi.2013, leg. R Aquilina, 1 specimen. Second records for Pripyatskiy National Park and Belarus.

**Family Hydraenidae**

***Limnebius aluta* Bedel** - Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve near v Barsuki, N 54° 44' 21", E 28° 19' 59.7", leg. G N Foster, 1 specimen; near v Domzheritsy, r Sergoch /Buzyanka/, 21.vi.2013, leg. H Shaverdo, 8 specimens. New to the Berezinskiy Reserve.

***Ochthebius alpinus* (Ienistea)** - Brest reg., Baranovichi distr., near v Lesnaya, stream in forest, 25.viii.2007, leg. S Ryndevich and M Lukashenya, 3 specimens Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve, near v Stvol'no, puddles on the road in a mixed forest, 24.vi.2013, leg. D T Bilton, 15 specimens. The species is newly recorded for Belarus and the Berezinskiy Reserve.

***Ochthebius flavipes* Dalla Torre** - Gomel reg., Zhitkovichi distr., Pripyatskiy National Park, near v Khvoensk, r Pripyat, 14-15.vi.2007, leg. S Ryndevich, 8 specimens. New for Belarus and the Pripyatskiy National Park.

***Ochthebius hungaricus* Endrödy-Younga** - Gomel reg., Zhitkovichi distr., near Turov, old riverbed near r Pripyat, 16.vi.2007, leg. S Ryndevich, 2 specimens; Pripyatskiy National Park, near v Khvoensk, old riverbed, 14.vi.2013, leg. S Ryndevich, 1 specimen; same data, temporary pool, 1 specimen; Pripyatskiy National Park, near v Lyaskovichi, old riverbed, 19.vi.2013, leg. D T Bilton, 20 specimens; same data, leg. S Ryndevich, 1 specimen Pripyatskiy National Park, near v Vyshelov, N 52° 5' 20", E 28° 20' 16" in a riverine marsh, 19.vi.2013, leg. G N Foster, 1 specimen. New for the Pripyatskiy National Park.

**Family Dryopidae**

***Dryops anglicanus* Edwards** - Minsk reg., Nesvizh distr., near Gorodeya, temporary pool, 10.vi.2009, leg. S Ryndevich, 1 specimen Vitebsk reg., Lepel distr., Berezinskiy Biosphere Reserve, near v Domzheritsy, transitional swamp Savskiy Mokh, N 54° 44', E 28° 15.24', 21.vi.2013, leg. G N Foster, 1 specimen. New to Belarus and the Berezinskiy Reserve.

***Dryops similaris* Bollow** - Minsk reg., Vileyka distr., near v Sosenki, Vileyskoe, 19.v.2000, leg. V A Tsinkevich, 1 specimen. New for Belarus.



A partly shaded pool in the Pripyatskiy National Park, with *Rhantus bistriatus*, *Graphoderus blineatus* and *Ochthebius hungaricus*

At present the water beetle fauna of Belarus is known to comprise 303 species

**List of Haliplidae, Noteridae, Dytiscidae, Gyrinidae, Hydraenidae, Helophoridae, Georissidae, Hydrochidae, Spercheidae, Hydrophilidae, Elmidae, Dryopidae, Limnichidae & Chrysomelidae (Donacinae) of Belarussian fauna**

Vitebsk region (VT), Grodno region (GN), Minsk region (MN), Mogilev region (ML), Brest region (BT), and GomeI' region (GL).

**Family Haliplidae**

1. *Brychius elevatus* (Panzer, 1793) VT MN BT
2. *Haliplus (Haliplidius) confinis* Stephens, 1828 VT GN MN ML BT GL
3. *Haliplus (Haliplidius) obliquus* (Fab., 1787) VT MN BT
4. *Haliplus (Haliplidius) varius* Nicolai, 1822 VT
5. *Haliplus (Haliplus) fluviatilis* Aubé, 1836 VT GN MN BT GL
6. *Haliplus (Haliplus) fulvicollis* Erichson, 1837 VT MN BT GL
7. *Haliplus (Haliplus) furcatus* Seidlitz, 1887 VT BT
8. *Haliplus (Haliplus) heydeni* Wehncke, 1875 VT BT
9. *Haliplus (Haliplus) immaculatus* Gerhardt, 1877 VT GN MN ML BT GL
10. *Haliplus (Haliplus) lineolatus* Mannerheim, 1844 VT MN GL

11. *Halipilus (Halipilus) ruficollis* (DeGeer, 1774) VT GN MN ML BT GL
12. *Halipilus (Halipilus) sibiricus* Motschulsky, 1860 VT GN MN ML BT GL
13. *Halipilus (Liaphlus) flavicollis* Sturm, 1834 VT GN MN ML BT GL
14. *Halipilus (Liaphlus) fulvus* (Fab., 1801) VT MN BT GL
15. *Halipilus (Liaphlus) laminatus* (Schaller, 1783) GL
16. *Halipilus (Liaphlus) variegatus* Sturm, 1834 VT GN MN ML BT GL
17. *Halipilus (Neohalipilus) lineatocollis* (Marshall, 1802) VT GN MN BT
18. *Peltodytes caesus* (Duftschmid, 1805) VT GN MN ML BT GL

#### Family Noteridae

19. *Noterus clavicornis* (DeGeer, 1774) VT GN MN ML BT GL
20. *Noterus crassicornis* (Müller, 1776) VT GN MN ML BT GL

#### Family Dytiscidae

21. *Acilius canaliculatus* (Nicolai, 1822) VT MN ML GL
22. *Acilius sulcatus* (L., 1758) VT GN MN ML BT GL
23. *Agabus (Acatodes) clypealis* (Thomson, 1867) VT BT GL
24. *Agabus (Acatodes) congener* (Thunberg, 1794) VT GN MN ML BT GL
25. *Agabus (Acatodes) fuscipennis* (Paykull, 1798) VT GN MN ML BT GL
26. *Agabus (Acatodes) pseudoclypealis* Scholtz, 1933 VT
27. *Agabus (Acatodes) sturmii* (Gyllenhal, 1808) VT MN ML BT GL
28. *Agabus (Agabus) bifarius* (Kirby, 1837) BT GL
29. *Agabus (Agabus) labiatus* (Brahm, 1791) MN ML GL
30. *Agabus (Agabus) uliginosus* (L., 1761) VT MN ML BT GL
31. *Agabus (Agabus) undulatus* (Schränk, 1776) VT GN MN ML BT GL
32. *Agabus (Gaurodytes) affinis* (Paykull, 1798) VT GL
33. *Agabus (Gaurodytes) biguttatus* (Olivier, 1795) BT
34. *Agabus (Gaurodytes) biguttulus* (Thomson, 1867) VT MN BT GL
35. *Agabus (Gaurodytes) bipustulatus* (L., 1767) VT GN MN ML BT GL
36. *Agabus (Gaurodytes) didymus* (Olivier, 1795) GN MN
37. *Agabus (Gaurodytes) guttatus* (Paykull, 1798) VT MN ML
38. *Agabus (Gaurodytes) melanarius* Aubé, 1837 MN
39. *Agabus (Gaurodytes) paludosus* (Fab., 1801) GN MN
40. *Agabus (Gaurodytes) striolatus* (Gyllenhal, 1808) VT GN GL
41. *Agabus (Gaurodytes) unguicularis* (Thomson, 1867) VT MN BT
42. *Bidessus grossepunctatus* Vorbringer, 1907 VT BT
43. *Bidessus unistriatus* (Goeze, 1777) VT MN BT
44. *Colymbetes fuscus* (L., 1758) VT GN MN ML BT GL
45. *Colymbetes paykullii* Erichson, 1837 VT GN MN ML BT GL
46. *Colymbetes striatus* (L., 1758) VT GN MN ML BT GL
47. *Liopterus haemorrhoidalis* (Fab., 1787) VT GN MN ML BT GL
48. *Cybister lateralmarginalis* (DeGeer, 1774) VT GN MN ML BT GL
49. *Deronectes latus* (Stephens, 1829) VT MN BT
50. *Dytiscus circumcinctus* Ahrens, 1811 VT GN MN ML BT GL
51. *Dytiscus circumflexus* Fab., 1801 VT MN ML BT GL
52. *Dytiscus dimidiatus* Bergsträsser, 1778 VT GN MN ML BT GL
53. *Dytiscus lapponicus* Gyllenhal, 1808 VT GL
54. *Dytiscus latissimus* L., 1758 VT MN ML BT
55. *Dytiscus marginalis* L., 1758 VT GN MN ML BT GL
56. *Graphoderus austriacus* (Sturm, 1834) VT GN MN ML BT GL
57. *Graphoderus bilineatus* (DeGeer, 1774) VT MN ML BT GL
58. *Graphoderus cinereus* (L., 1758) VT GN MN ML BT GL

59. *Graphoderus zonatus zonatus* (Hoppe, 1795) VT GN MN ML BT GL
60. *Graptodytes bilineatus* (Sturm, 1835) MN ML BT GL
61. *Graptodytes granularis* (L., 1767) VT MN BT GL
62. *Graptodytes pictus* (Fab., 1787) VT ML BT GL
63. *Hydaticus aruspex* Clark, 1864 BT GL
64. *Hydaticus continentalis* Balfour-Browne, 1944 VT GN MN ML BT GL
65. *Hydaticus seminiger* (DeGeer, 1774) VT GN MN ML BT GL
66. *Hydaticus transversalis* (Pontoppidan, 1763) VT GN MN ML BT GL
67. *Hydroglyphus geminus* (Fab., 1792) VT GN MN ML BT GL
68. *Hydroglyphus hamulatus* (Gyllenhal, 1813) GN
69. *Hydroporus angustatus* Sturm, 1835 VT GN MN ML BT GL
70. *Hydroporus brevis* Sahlberg, 1834 VT MN
71. *Hydroporus discretus* Fairmaire, 1859 VT MN
72. *Hydroporus elongatulus* Sturm, 1835 VT GN MN BT
73. *Hydroporus erythrocephalus* (L., 1758) VT GN MN ML BT GL
74. *Hydroporus fuscipennis* Schaum, 1868 VT GN MN ML BT GL
75. *Hydroporus glabriusculus* Aubé 1838 VT BT
76. *Hydroporus gyllenhalii* Schiödte, 1841 MN
77. *Hydroporus incognitus* Sharp, 1869 VT GN MN ML BT GL
78. *Hydroporus longicornis* Sharp, 1871 VT
79. *Hydroporus melanarius* Sturm, 1835 VT BT
80. *Hydroporus memnonius* Nicolai, 1822 VT MN
81. *Hydroporus morio* Aubé, 1838 VT MN
82. *Hydroporus negiectus* Schaum, 1845 VT MN BT GL
83. *Hydroporus nigellus* Mannerheim, 1853 VT MN
84. *Hydroporus nigrita* (Fab., 1792) VT MN
85. *Hydroporus notatus* Sturm, 1835 VT ML BT
86. *Hydroporus obscurus* Sturm, 1835 VT MN BT GL
87. *Hydroporus palustris* (L., 1761) VT GN MN ML BT GL
88. *Hydroporus planus* (Fab., 1781) VT MN ML BT GL
89. *Hydroporus ruffifrons* (Müller, 1776) VT MN BT GL
90. *Hydroporus scalesianus* Stephens, 1828 VT GN BT GL
91. *Hydroporus striola* (Gyllenhal, 1826) VT GN MN ML BT GL
92. *Hydroporus tristis* (Paykull, 1798) VT GN MN ML BT GL
93. *Hydroporus umbrosus* (Gyllenhal, 1808) VT GN MN ML BT GL
94. *Hydrovatus cuspidatus* (Kunze, 1818) MN BT
95. *Hygrotus (Coelambus) confluens* (Fab., 1787) ML GL
96. *Hygrotus (Coelambus) impressopunctatus* (Schaller, 1783) VT BT GL
97. *Hygrotus (Coelambus) marklini* (Gyllenhal, 1813) VT MN
98. *Hygrotus (Coelambus) nigrolineatus* (Steven, 1808) VT MN
99. *Hygrotus (Coelambus) parallelogrammus* (Ahrens, 1812) GL
100. *Hygrotus (Coelambus) polonicus* (Aubé, 1842) VT GN MN ML BT GL
101. *Hygrotus (Hygrotus) decoratus* (Gyllenhal, 1810) VT GN MN ML BT GL
102. *Hygrotus (Hygrotus) inaequalis* (Fab., 1777) VT GN MN ML BT GL
103. *Hygrotus (Hygrotus) quinquelineatus* (Zetterstedt, 1828) VT GN GL
104. *Hygrotus (Hygrotus) versicolor* (Schaller, 1783) VT GN MN ML BT GL
105. *Hyphidrus ovatus* (L., 1761) VT GN MN ML BT GL
106. *Ilybius aenescens* Thomson, 1870 VT MN BT GL
107. *Ilybius angustior* (Gyllenhal, 1808) VT MN GL
108. *Ilybius ater* (DeGeer, 1774) VT GN MN ML BT GL

109. *Ilybius chalconatus* (Panzer, 1796) VT GN  
 110. *Ilybius erichsoni* (Gemminger & Harold, 1868) VT GN MN ML BT  
 111. *Ilybius fenestratus* (Fab., 1781) VT GN MN ML BT GL  
 112. *Ilybius fuliginosus* (Fab., 1792) VT GN MN ML BT GL  
 113. *Ilybius guttiger* (Gyllenhal, 1808) VT GN MN ML BT GL  
 114. *Ilybius neglectus* (Erichson, 1837) VT ML BT GL  
 115. *Ilybius quadriguttatus* (Lacordaire, 1835) VT GN MN BT GL  
 116. *Ilybius similis* Thomson, 1856 VT GN MN BT GL  
 117. *Ilybius subaeneus* Erichson, 1837 VT GN MN ML BT GL  
 118. *Ilybius subtilis* (Erichson, 1837) VT GN MN ML BT GL  
 119. *Ilybius wasastjernae* (Sahlberg, 1824) VT MN  
 120. *Laccophilus hyalinus* (DeGeer, 1774) VT GN MN ML BT GL  
 121. *Laccophilus minutus* (L., 1758) VT MN  
 122. *Laccophilus poecilus* Klug, 1834 VT BT GL  
 123. *Laccornis oblongus* (Stephens, 1835) VT GN MN ML BT GL  
 124. *Nebrioporus assimilis* (Paykull, 1798) VT GN MN  
 125. *Nebrioporus depressus* (Fab., 1775) VT MN ML BT GL  
 126. *Oreodytes sanmarkii* (Sahlberg, 1826) MN  
 127. *Platambus maculatus* (L., 1758) VT GN MN ML BT GL  
 128. *Porhydrus lineatus* (Fab., 1775) VT GN MN ML BT GL  
 129. *Porhydrus obliquesignatus* (Bielz, 1852) MN  
 130. *Rhantus (Nartus) grapii* (Gyllenhal, 1808) VT MN BT GL  
 131. *Rhantus (Rhantus) bistratus* (Bergsträsser, 1778) VT GN MN ML BT GL  
 132. *Rhantus (Rhantus) exsoletus* (Forster, 1771) VT GN MN ML BT GL  
 133. *Rhantus (Rhantus) fennicus* Huldén, 1982 ML  
 134. *Rhantus (Rhantus) frontalis* (Marsham, 1802) VT GN MN ML BT GL  
 135. *Rhantus (Rhantus) incognitus* Scholz, 1927 GN BT  
 136. *Rhantus (Rhantus) latitans* Sharp, 1882 VT GN MN ML BT GL  
 137. *Rhantus (Rhantus) notaticollis* (Aubé, 1837) VT GN MN BT GL  
 138. *Rhantus (Rhantus) suturalis* (MacLeay, 1825) VT GN MN ML BT GL  
 139. *Rhantus (Rhantus) suturellus* (Harris, 1828) VT MN BT GL  
 140. *Scarodytes halensis* (Fab., 1787) VT GN MN BT GL  
 141. *Suphrodytes dorsalis* (Fab., 1787) VT GN MN ML BT GL  
 142. *Suphrodytes figuratus* (Gyllenhal, 1826) GN MN GL

#### Family Gyrinidae

143. *Aulonogyrus concinnus* (Klug, 1834) VT BT GL  
 144. *Gyrinus (Gyrinulus) minutus* Fab., 1798 VT GN MN ML BT GL  
 145. *Gyrinus (Gyrinus) aeratus* Stephens, 1835 VT GN MN ML BT GL  
 146. *Gyrinus (Gyrinus) colymbus* Erichson, 1837 ML  
 147. *Gyrinus (Gyrinus) marinus* Gyllenhal, 1808 VT GN MN ML BT GL  
 148. *Gyrinus (Gyrinus) natator* (L., 1758) VT GN MN ML BT GL  
 149. *Gyrinus (Gyrinus) paykullii* Ochs, 1927 VT MN BT GL  
 150. *Gyrinus (Gyrinus) pullatus* Zaytsev, 1908 VT  
 151. *Gyrinus (Gyrinus) substriatus* Stephens, 1828 VT GN MN ML BT GL  
 152. *Gyrinus (Gyrinus) suffriani* Scriba, 1855 VT ML GM  
 153. *Orectochilus villosus* Müller, 1776 VT MN ML BT GL

#### Family Helophoridae

154. *Helophorus (Empleurus) nubilus* Fab., 1777 VT MN BT  
 155. *Helophorus (Helophorus) aquaticus* (L., 1758) VT GN MN ML BT GL  
 156. *Helophorus (Helophorus) grandis* Illiger, 1798 VT MN ML GL

157. *Helophorus (Kyphohelophorus) tuberculatus* Gyllenhal, 1808 VT BT  
 158. *Helophorus (Rhopalhelophorus) arvernicus* Mulsant, 1846 MN  
 159. *Helophorus (Rhopalhelophorus) brevipalpis* Bedel, 1881 VT MN BT GL  
 160. *Helophorus (Rhopalhelophorus) croaticus* Kuwert, 1886 MN  
 161. *Helophorus (Rhopalhelophorus) discrepans* Rey, 1885 VT MN BT GL  
 162. *Helophorus (Rhopalhelophorus) flavipes* Fab., 1792 VT GN MN ML BT GL  
 163. *Helophorus (Rhopalhelophorus) granularis* (L., 1761) VT GN MN ML BT GL  
 164. *Helophorus (Rhopalhelophorus) griseus* Herbst, 1793 VT GN MN ML BT GL  
 165. *Helophorus (Rhopalhelophorus) lapponicus* Thomson, 1853 VT MN BT GL  
 166. *Helophorus (Rhopalhelophorus) laticollis* Thomson, 1853 VT BT  
 167. *Helophorus (Rhopalhelophorus) minutus* Fab., 1775 VT MN BT GL  
 168. *Helophorus (Rhopalhelophorus) nanus* Sturm, 1836 VT GN MN ML BT GL  
 169. *Helophorus (Rhopalhelophorus) paraminutus* Angus, 1986 VT MN GL  
 170. *Helophorus (Rhopalhelophorus) redtenbacheri* Kuwert, 1885 MN  
 171. *Helophorus (Rhopalhelophorus) strigifrons* Thomson, 1868 VT GN MN GL

**Family Georissidae**

172. *Georissus crenulatus* (Rossi, 1794) VT MN GL

**Family Hydrochidae**

173. *Hydrochus brevis* (Herbst, 1793) VT GN MN ML BT GL  
 174. *Hydrochus crenatus* (Fab., 1792) VT GN MN ML BT GL  
 175. *Hydrochus elongatus* (Schaller, 1783) VT MN ML BT GL  
 176. *Hydrochus ignicollis* Motschulsky, 1860 VT ML GL  
 177. *Hydrochus kirgisicus* Motschulsky, 1860 VT MN BT  
 178. *Hydrochus megaphallus* van Berge Henegouwen, 1988 VT

**Family Spercheidae**

179. *Spercheus emarginatus* (Schaller, 1783) VT MN BT GL

**Family Hydrophilidae**

180. *Anacaena limbata* (Fab., 1792) VT MN BT  
 181. *Anacaena lutescens* (Stephens, 1829) VT GN MN ML BT GL  
 182. *Berosus (Berosus) luridus* (L., 1761) VT GN MN ML BT GL  
 183. *Berosus (Berosus) signaticollis* (Charpentier, 1825) VT MN ML BT GL  
 184. *Berosus (Enoplurus) bispina* Reiche & Saulcy, 1856 MN  
 185. *Berosus (Enoplurus) spinosus* (Steven, 1808) MN  
 186. *Cercyon (Cercyon) bifenestratus* Küster, 1851 VT GN MN ML BT GL  
 187. *Cercyon (Cercyon) castaneipennis* Vorst, 2009 VT GN  
 188. *Cercyon (Cercyon) convexiusculus* Stephens, 1829 VT GN MN ML BT GL  
 189. *Cercyon (Cercyon) granarius* Erichson, 1837 VT BT  
 190. *Cercyon (Cercyon) haemorrhoidalis* (Fab., 1775) VT GN MN ML BT GL  
 191. *Cercyon (Cercyon) impressus* (Sturm, 1807) VT GN MN BT GL  
 192. *Cercyon (Cercyon) lateralis* (Marsham, 1802) VT GN MN ML BT GL  
 193. *Cercyon (Cercyon) marinus* Thomson, 1853 VT GN MN ML BT GL  
 194. *Cercyon (Cercyon) melanocephalus* (L., 1758) VT MN ML BT GL  
 195. *Cercyon (Cercyon) nigriceps* (Marsham, 1802) BT GL  
 196. *Cercyon (Cercyon) obsoletus* (Gyllenhal, 1808) MN  
 197. *Cercyon (Cercyon) pygmaeus* (Illiger, 1801) VT GN MN ML BT GL  
 198. *Cercyon (Cercyon) quisquilius* (L., 1761) VT GN MN ML BT GL  
 199. *Cercyon (Cercyon) sternalis* (Sharp, 1918) VT GL  
 200. *Cercyon (Cercyon) subsulcatus* Rey, 1885 VT  
 201. *Cercyon (Cercyon) terminatus* (Marsham, 1802) VT GL  
 202. *Cercyon (Cercyon) tristis* (Illiger, 1801) VT MN BT GL

203. *Cercyon (Cercyon) unipunctatus* (L., 1758) VT GN MN ML BT GL  
 204. *Cercyon (Dicyrtocercyon) ustulatus* (Preysslser, 1790) VT MN ML BT GL  
 205. *Cercyon (Paracercyon) analis* (Paykull, 1798) VT GN MN ML BT GL  
 206. *Cercyon (Paracycreon) laminatus* Sharp, 1873 VT MN BT GL  
 207. *Chaetarthria seminulum* (Herbst, 1797) VT MN ML BT GL  
 208. *Coelostoma orbiculare* (Fab., 1775) VT GN MN ML BT GL  
 209. *Cryptopleurum crenatum* (Kugelann, 1794) VT GN MN ML BT GL  
 210. *Cryptopleurum minutum* (Fab., 1775) VT GN MN ML BT GL  
 211. *Cryptopleurum subtile* Sharp, 1844 MN BT GL  
 212. *Cymbiodyta marginellus* (Fab., 1792) VT MN ML BT GL  
 213. *Enochrus (Enochrus) melanocephalus* (Olivier, 1792) VT MN ML GL  
 214. *Enochrus (Lumetus) bicolor* (Fab., 1792) MN  
 215. *Enochrus (Lumetus) ochropterus* (Marshall, 1802) VT MN BT GL  
 216. *Enochrus (Lumetus) quadripunctatus* (Herbst, 1797) VT GN MN ML BT GL  
 217. *Enochrus (Lumetus) testaceus* (Fab., 1801) VT MN ML BT GL  
 218. *Enochrus (Methydus) affinis* (Thunberg, 1794) VT GN MN ML BT GL  
 219. *Enochrus (Methydus) coarctatus* (Gredler, 1863) VT GN MN ML BT GL  
 220. *Helochares obscurus* (Müller, 1776) VT GN MN ML BT GL  
 221. *Helochares punctatus* Sharp, 1869 GN MN BT GL  
 222. *Hydrobius fuscipes* (L., 1758) VT GN MN ML BT GL  
 223. *Hydrochara caraboides* (L., 1758) VT GN MN ML BT GL  
 224. *Hydrophilus aterrimus* Eschscholtz, 1822 VT GN MN ML BT GL  
 225. *Laccobius (Dimorpholaccobius) bipunctatus* (Fab., 1775) VT GN MN BT GL  
 226. *Laccobius (Dimorpholaccobius) sinuatus* Motschulsky, 1849 VT MN BT  
 227. *Laccobius (Dimorpholaccobius) striatulus* (Fab., 1801) VT MN ML BT GL  
 228. *Laccobius (Laccobius) colon* (Stephens, 1829) VT MN ML BT GL  
 229. *Laccobius (Laccobius) minutus* (L., 1758) VT GN MN BT GL  
 230. *Laccobius (Microlaccobius) gracilis gracilis* Motschulsky, 1855 BT  
 231. *Limnoxenus niger* (Gmelin, 1790) GL  
 232. *Megasternum concinnum* s. lat. VT GN MN ML BT GL  
 233. *Sphaeridium bipustulatum* Fab., 1781 VT GN MN ML BT GL  
 234. *Sphaeridium lunatum* Fab., 1792 VT GN MN ML BT GL  
 235. *Sphaeridium marginatum* Fab., 1787 VT MN BT  
 236. *Sphaeridium scarabaeoides* (L., 1758) VT GN MN ML BT GL
- Family Hydraenidae**
237. *Hydraena belgica* d'Orchymont, 1930 VT MN  
 238. *Hydraena britteni* Joy, 1907 VT  
 239. *Hydraena gracilis* Germar, 1824 VT MN  
 240. *Hydraena palustris* Erichson, 1837 VT MN BT  
 241. *Hydraena puichella* Germar, 1824 VT  
 242. *Hydraena reyi* Kuwert, 1888 VT MN  
 243. *Hydraena riparia* Kugelann, 1794 VT GN MN ML BT GL  
 244. *Limnebius aluta* Bedel, 1881 VT GL  
 245. *Limnebius atomus* (Duftschmid, 1805) BT GL  
 246. *Limnebius crinifer* Rey, 1885 VT MN BT  
 247. *Limnebius nitidus* (Marshall, 1802) VT BT  
 248. *Limnebius papposus* Mulsant, 1844 BT  
 249. *Limnebius parvulus* (Herbst, 1797) VT GN MN ML BT GL  
 250. *Limnebius truncatellus* (Thunberg, 1794) VT GN MN ML BT GL  
 251. *Ochthebius (Asiobates) alpinus* (Ienișteanu, 1979) VT BT

252. *Ochthebius (Asiobates) hungaricus* Endrödy-Younga, 1967 MN  
 253. *Ochthebius (Asiobates) flavipes* Dalla Torre, 1877 GL  
 254. *Ochthebius (Asiobates) minimus* (Fab., 1792) VT GN MN ML BT GL

**Family Elmidae**

255. *Elmis aenea* (Müller, 1806) GN  
 256. *Elmis maugetii* Latreille, 1802 VT  
 257. *Elmis obscura* (Müller, 1806) MN  
 258. *Limnius muelleri* (Erichson, 1847) VT  
 259. *Limnius volckmari* (Panzer, 1793) VT  
 260. *Macronychus quadrituberculatus* (Müller, 1806) VT GN MN  
 261. *Normandia nitens* (Müller, 1817) VT  
 262. *Oulimnius troglodytes* (Gyllenhal, 1827) VT  
 263. *Oulimnius tuberculatus* (Müller, 1806) VT MN GL  
 264. *Potamophilus acuminatus* (Fab., 1792) VT BT  
 265. *Riolus cupreus* (Müller, 1806) VT

**Family Dryopidae**

266. *Dryops anglicanus* Edwards, 1909 VT MN  
 267. *Dryops auriculatus* (Geoffroy, 1785) VT GN MN ML BT GL  
 268. *Dryops ernesti* des Gozis, 1886 VT  
 269. *Dryops griseus* (Erichson, 1847) VT GN MN ML BT GL  
 270. *Dryops luridus* (Erichson, 1847) VT GN MN ML BT GL  
 271. *Dryops nitidulus* (Heer, 1841) ML  
 272. *Dryops similaris* Bollow, 1936 MN

**Family Limnichidae**

273. *Limnichus incanus* Kiesenwetter, 1821 VT MN ML  
 274. *Limnichus sericeus* (Duftschmid, 1825) VT GN MN ML BT GL  
 275. *Pelochares versicolor* (Waltl, 1838) VT MN ML

**Family Chrysomelidae**

276. *Donacia (Donacia) crassipes* Fab., 1775 VT GN MN ML BT GL  
 277. *Donacia (Donaciella) cinerea* Herbst, 1784 VT GN MN  
 278. *Donacia (Donaciella) clavipes clavipes* Fab., 1775 VT MN BT  
 279. *Donacia (Donaciella) tomentosa* Ahrens, 1810 VT GN MN  
 280. *Donacia (Donaciomima) antiqua* Kunze, 1818 VT MN ML BT GL  
 281. *Donacia (Donaciomima) aquatica* (L., 1758) VT MN BT GL  
 282. *Donacia (Donaciomima) bicolora* Zschach, 1788 VT GN MN BT GL  
 283. *Donacia (Donaciomima) brevicornis* Ahrens, 1810 VT GL  
 284. *Donacia (Donaciomima) brevitarsis* Thomson, 1884 VT MN  
 285. *Donacia (Donaciomima) dentata* Hoppe, 179 VT GN MN ML BT GL  
 286. *Donacia (Donaciomima) fennica* Paykull, 1800 VT MN  
 287. *Donacia (Donaciomima) impressa* Paykull, 1799 VT GN MN BT GL  
 288. *Donacia (Donaciomima) malinovskiyi* Ahrens, 1810 VT GN MN BT GL  
 289. *Donacia (Donaciomima) marginata marginata* Hoppe, 1795 VT GN MN BT GL  
 290. *Donacia (Donaciomima) obscura* Gyllenhal, 1813 VT MN BT  
 291. *Donacia (Donaciomima) semicuprea* Panzer, 1796 VT GN MN ML BT GL  
 292. *Donacia (Donaciomima) simplex* Fab., 1775 VT GN MN BT  
 293. *Donacia (Donaciomima) sparganii* Ahrens, 1810 VT GN MN  
 294. *Donacia (Donaciomima) thalassina* Germar, 1811 VT GN MN ML BT GL  
 295. *Donacia (Donaciomima)* (Brahm, 1790) VT GN MN ML  
 296. *Donacia (Donaciomima) vulgaris vulgaris* Zschach 1788 VT GN MN BT GL  
 297. *Macrolepa appendiculata* (Panzer, 1794) MN

298. *Macrolea mutica* (Fab., 1792) VT  
299. *Plateumaris affinis* (Kunze, 1818) VT GN MN ML BT GL  
300. *Plateumaris braccata* (Scopoli, 1772) ML  
301. *Plateumaris consimilis consimilis* (Schrank, 1781) VT  
302. *Plateumaris discolor* (Panzer, 1795) VT GN MN BT GL  
303. *Plateumaris rustica* (Kunze, 1818) VT GN MN BT  
304. *Plateumaris sericea sericea* (L., 1758) VT GN MN ML BT GL

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