

Supplementary material for:

Hammond, M. and Graham, J. (2022). Water beetles of drainage ditches in the Cambridgeshire Fens. *Nature in Cambridgeshire* 64: 58-63

Appendix: Recorded aquatic coleoptera

SPECIES	English name	Number of ditches (N=269)
GYRINIDAE	whirligig beetles	
<i>Gyrinus marinus</i> Gyllenhal, 1808		7
<i>Gyrinus substriatus</i> Stephens, 1828	Common Whirligig	90
HALIPLIDAE	algivorous water beetles	
<i>Haliplus confinis</i> Stephens, 1828		1
<i>Haliplus obliquus</i> (Fabricius, 1787)		6
<i>Haliplus fluviatilis</i> Aubé, 1836		18
<i>Haliplus heydeni</i> Wehncke, 1875		7
<i>Haliplus immaculatus</i> Gerhardt, 1877		35
<i>Haliplus laminatus</i> (Schaller, 1783)		3
<i>Haliplus lineolatus</i> Mannerheim, 1844		10
<i>Haliplus ruficollis</i> (De Geer, 1774)		32
<i>Haliplus sibiricus</i> Motschulsky, 1860		3
<i>Haliplus flavicollis</i> Sturm, 1834		21
<i>Haliplus mucronatus</i> Stephens, 1828		1
<i>Haliplus lineatocollis</i> (Marsham, 1802)		105
<i>Pelodytes caesus</i> (Duftschmid, 1805)		2
NOTERIDAE	burrowing water beetles	
<i>Noterus clavicornis</i> (De Geer, 1774)		47
<i>Noterus crassicornis</i> (O.F. Müller, 1776)		15
HYGROBIIDAE	screech beetles	
<i>Hygrobia hermanni</i> (Fabricius, 1775)	Screech Beetle	9
DYTISCIDAE	diving beetles	
<i>Agabus bipustulatus</i> (Linnaeus, 1767)		57
<i>Agabus conspersus</i> (Marsham, 1802)		8
<i>Agabus didymus</i> (Olivier, 1795)		10
<i>Agabus nebulosus</i> (Forster, 1771)		16
<i>Agabus paludosus</i> (Fabricius, 1801)		8
<i>Agabus sturmii</i> (Gyllenhal, 1808)		34
<i>Agabus undulatus</i> (Schrank, 1776)		9
<i>Ilybius ater</i> (De Geer, 1774)		8
<i>Ilybius chalconatus</i> (Panzer, 1796)		3
<i>Ilybius fenestratus</i> (Fabricius, 1781)		2
<i>Ilybius fuliginosus</i> (Fabricius, 1792)		6
<i>Ilybius quadriguttatus</i> (Lacordaire, 1835)		31
<i>Platambus maculatus</i> (Linnaeus, 1758)		2
<i>Colymbetes fuscus</i> (Linnaeus, 1758)		31
<i>Nartus grapii</i> (Gyllenhal, 1808)		17
<i>Rhantus exsoletus</i> (Forster, 1771)		1
<i>Rhantus frontalis</i> (Marsham, 1802)		1
<i>Rhantus suturalis</i> (Macleay, 1825)		32
<i>Liopterus haemorrhoidalis</i> (Fabricius, 1787)		23
<i>Dytiscus circumflexus</i> Fabricius, 1801		5
<i>Dytiscus dimidiatus</i> Bergsträsser, 1778		3
<i>Dytiscus marginalis</i> Linnaeus, 1758	Great Diving Beetle	13
<i>Dytiscus</i> sp. larva		69
<i>Hydaticus transversalis</i> (Pontoppidan, 1763)		6
<i>Hydroglyphus geminus</i> (Fabricius, 1792)		2
<i>Graptodytes granularis</i> (Linnaeus, 1767)		1
<i>Graptodytes pictus</i> (Fabricius, 1787)		82
<i>Hydroporus angustatus</i> Sturm, 1835		25
<i>Hydroporus discretus</i> Fairmaire & Brisout de Barneville, 1859		4
<i>Hydroporus incognitus</i> Sharp, 1869		9
<i>Hydroporus memnonius</i> Nicolai, 1822		6
<i>Hydroporus nigrita</i> (Fabricius, 1792)		2
<i>Hydroporus palustris</i> (Linnaeus, 1761)		101
<i>Hydroporus planus</i> (Fabricius, 1782)		91
<i>Hydroporus pubescens</i> (Gyllenhal, 1808)		1

<i>Hydroporus striola</i> (Gyllenhal, 1826)		1
<i>Hydroporus tessellatus</i> (Drapiez, 1819)		22
<i>Nebrioporus assimilis</i> (Paykull, 1798)		1
<i>Nebrioporus elegans</i> (Panzer, 1794)		13
<i>Porhydrus lineatus</i> (Fabricius, 1775)		6
<i>Scarodytes halensis</i> (Fabricius, 1787)		2
<i>Hygrotus inaequalis</i> (Fabricius, 1777)		45
<i>Hygrotus versicolor</i> (Schaller, 1783)		35
<i>Hygrotus impressopunctatus</i> (Schaller, 1783)		38
<i>Hygrotus parallelogrammus</i> (Ahrens, 1812)		1
<i>Hyphydrus ovatus</i> (Linnaeus, 1761)		63
<i>Laccophilus hyalinus</i> (De Geer, 1774)		8
<i>Laccophilus minutus</i> (Linnaeus, 1758)		11
HELOPHORIDAE		
<i>Helophorus aequalis</i> Thomson, 1868		4
<i>Helophorus brevipalpis</i> Bedel		32
<i>Helophorus grandis</i> Illiger, 1798		9
<i>Helophorus griseus</i> Herbst, 1793		9
<i>Helophorus minutus</i> Fabricius, 1775		74
<i>Helophorus obscurus</i> Mulsant, 1844		1
HYDROCHIDAE		
<i>Hydrochus crenatus</i> (Fabricius, 1792)		9
HYDROPHILIDAE	scavenger water beetles	
<i>Anacaena bipustulata</i> (Marsham, 1802)		32
<i>Anacaena globulus</i> (Paykull, 1798)		78
<i>Anacaena limbata</i> (Fabricius, 1792)		124
<i>Anacaena lutescens</i> (Stephens, 1829)		3
<i>Berosus affinis</i> Brullé, 1835		11
<i>Berosus signaticollis</i> (Charpentier, 1825)		6
<i>Berosus luridus</i> (Linnaeus, 1761)		36
<i>Chaetarthria seminulum</i> (Herbst, 1797)		6
<i>Cymbiodyta marginellus</i> (Fabricius, 1792)		7
<i>Enochrus melanocephalus</i> (Olivier, 1792)		2
<i>Enochrus quadripunctatus</i> (Herbst, 1797)		7
<i>Enochrus testaceus</i> (Fabricius, 1801)		36
<i>Helochares lividus</i> (Forster, 1771)		10
<i>Hydrobius fuscipes</i> (Linnaeus, 1758)		61
<i>Laccobius bipunctatus</i> (Fabricius, 1775)		36
<i>Laccobius sinuatus</i> Motschulsky, 1849		7
<i>Laccobius striatulus</i> (Fabricius, 1801)		10
<i>Laccobius colon</i> (Stephens, 1829)		9
<i>Laccobius minutus</i> (Linnaeus, 1758)		4
<i>Coelostoma orbiculare</i> (Fabricius, 1775)		1
<i>Cercyon convexiusculus</i> Stephens, 1829		29
<i>Cercyon marinus</i> Thomson, C.G., 1853		9
<i>Cercyon sternalis</i> (Sharp, 1918)		1
<i>Cercyon tristis</i> (Illiger, 1801)		4
<i>Cercyon ustulatus</i> (Preyßler, 1790)		3
HYDRAENIDAE	moss beetles	
<i>Hydraena riparia</i> Kugelann, 1794		9
<i>Hydraena testacea</i> Curtis, 1830		12
<i>Limnebius nitidus</i> (Marsham, 1802)		4
<i>Ochthebius bicolon</i> Germar, 1824		1
<i>Ochthebius dilatatus</i> Stephens, 1829		8
<i>Ochthebius minimus</i> (Fabricius, 1792)		33
DRYOPIDAE	long-toed water beetles	
<i>Dryops luridus</i> (Erichson, 1847)		32
<i>Dryops similaris</i> Bollow, 1936		1
ELMIDAE	riffle beetles	
<i>Oulimnius major</i> (Rey, 1889)		4
<i>Oulimnius rivularis</i> (Rosenhauer, 1856)		5
<i>Oulimnius tuberculatus</i> (Müller, P.W.J., 1806)		1
<i>Oulimnius</i> sp.		13
SCIRTIDAE	marsh beetles	
<i>Contacyphon coarctatus</i> Paykull, 1799		2
<i>Contacyphon laevipennis</i> Tournier, 1868		2

<i>Contacyphon palustris</i> Thomson, C.G., 1855		1
<i>Scirtes hemisphaericus</i> (Linnaeus, 1758)		2
CHRYSOMELIDAE: DONACIINAE	reed beetles	
<i>Donacia clavipes</i> Fabricius, 1792		3
<i>Donacia dentata</i> Hoppe, 1795		1
<i>Donacia impressa</i> Paykull, 1799		1
<i>Donacia semicuprea</i> Panzer, 1796		9
<i>Donacia simplex</i> Fabricius, 1775		12
<i>Donacia versicolore</i> (Brahm, 1791)		1
<i>Donacia vulgaris</i> Zchach, 1788		5
<i>Plateumaris sericea</i> Linnaeus, 1758		1
ERIRHINIDAE	weevils	
<i>Thryogenes festucae</i> (Herbst, 1795)		1
<i>Thryogenes nereis</i> (Paykull, 1800)		1
<i>Stenopelmus rufinasus</i> Gyllenhal, 1836		1
<i>Tanysphyrus lemnae</i> (Paykull, 1792)		12
CURCULIONIDAE	weevils	
<i>Gymnetron villosulum</i> (Gyllenhal, 1838)		5
<i>Bagous alismatis</i> (Marsham, 1802)		2
<i>Drupenatus nasturtii</i> (Germar, 1823)		1
<i>Poophagus sisymbrii</i> (Fabricius, 1777)		7
<i>Eubrychius velutus</i> (Beck, 1817)		3