

FreshBase update

Ben Price

Currently: <http://freshbase.myspecies.info>

Soon to move to: <http://freshbase.info>

At least one voucher of every UK freshwater species, expertly identified, with associated DNA data and shared openly for all.

EA Bioblitz – 27 March

- 25 freshwater specialists from the Environment Agency and Natural Resources Wales attended a bioblitz hosted at the NHM
- >750 vouchers (205 species)



Current voucher collection

- 1856 vouchers
 - 1659 identified to species
 - 393 species [out of 4248 – help needed!]
- Stored in >90% ethanol at -20 with freezer backup
- Investigating different DNA sequencing goals and technologies to enable sustainable growth

species and # species with vouchers

Phylum	# species	# vouchers
Nemertea	2	
Nematomorpha	4	
Porifera	5	
Cnidaria	6	1
Bryozoa	11	
Tardigrada	42	
Platyhelminthes	59	4
Nematoda	71	
Mollusca	114	33
Annelida	144	9
Rotifera	472	2
Arthropoda	3318	344
Grand Total	4248	393

Insects:

Insect Order	# species	# vouchers
Megaloptera	3	2
Neuroptera	4	1
Lepidoptera	9	
Plecoptera	35	25
Hymenoptera	42	1
Ephemeroptera	51	36
Odonata	58	16
Hemiptera	73	31
Trichoptera	199	62
Coleoptera	436	113
Diptera	1662	23
Grand Total	2572	310

Website – species overview [under construction]

FreshBase

SEARCH
All Taxonomy

HOME LITERATURE MACROINVERTEBRATES MEDIA GALLERY

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MACROINVERTEBRATES

- Animalia (13)
 - Annelida (5)
 - Arthropoda (4)
 - Chelicerata (1)
 - Crustacea (4)
 - Hexapoda (2)
 - Entognatha (2)
 - Insecta (14)
 - Coleoptera (21)
 - Diptera (25)
 - Ephemeroptera (10)
 - Ameletidae (1)
 - Arthropleidae (1)
 - Baetidae (4)
 - Baetis (9)
 - Baetis atrebatinus*
 - Baetis buceratus*
 - Baetis digitatus*
 - Baetis fuscatus*
 - Baetis muticus*
 - Baetis niger*
 - Baetis rhodani***
 - Baetis scambus*
 - Baetis vernus*
 - Centroptilum (1)
 - Cloeon (2)





Baetis rhodani Pictet, 1845

Overview Descriptions Media Literature Maps Specimens Statistics

NOMENCLATURE

Family: [Baetidae](#)
Genus: [Baetis](#)
Species: *Baetis rhodani* Pictet, 1845
UKSI Taxon Version Key:
NHMSYS0000066962
UKSI Organism Key:
NBNORG0000047984
UKSI Parent Key:
NBNORG0000047962

MEDIA



G202509952_Baetis rhodani.jpg

Your help is needed!

- Still about 3800 species to go!
 - Multiple representatives from around the UK also welcome
- For more info contact b.price@nhm.ac.uk
- Happy to send tubes with ethanol