

A check-list of the caddis Trichoptera of Worcestershire

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01. Larva of Hydropsychid *Cheumatopsyche lepida*. Ian Wallace.

Introduction

The UK Caddis Recording Scheme has about 312,000 unique records of which 3,100 are from VC 37 (Worcestershire). The records have enabled me to assemble the check-list.

There are 197 species recorded from Great Britain and 123 from Worcestershire; most of the missing species are northern or in the grossly under-recorded family of “micro” caddis – the Hydroptilidae.

The earliest work on the group in the county was by a general entomologist J.E. Fletcher who lived in Worcester and was active in

the second half of the 19th century. His first record seems to be of the common caddis *Anabolia nervosa* in October 1859 but it is for the discovery and subsequent work on Worcestershire’s most famous caddis, the land caddis *Enoicyla pusilla*, that he is best known in trichopterological circles. Almost a century elapsed before the county had another entomologist who focussed on the group – Norman E. Hickin – particularly associated with the Wyre Forest.

The Wyre Forest and River Severn are very good sites but by contrast, the lack of significant still waters means several species of such habitats are scarce or absent.

The largest single contributor of records is the Environment Agency, who principally monitor large river and stream sites so species of such habitats are well recorded

There are three nationally rare species (i.e. species occurring in fewer than 15 GB 10km squares) – *Leptocerus interruptus* and *Setodes punctatus* from the River Severn and *Tinodes pallidulus* from the Wyre Forest. There are very recent records for all three. Seventeen of GB’s forty four nationally scarce species (occurring in between 16 and 100 GB 10km squares) are found in Worcestershire. Of interest is that Intensive work on the Land Caddis has found it in 17 squares, thus raising it from a previous “Nationally Rare” status to being only “Nationally Scarce”, but it remains a restricted and precious local species.

Deciding upon a local grading system for common and scarce species is subjective and arbitrary, and varies from county to county depending on the overall number of records. I have decided to say, currently, those species with records from more than 15 squares be regarded as “Common” in Worcestershire, and those with only 1 record be regarded as “Scarce”.

The list follows the check-list in Barnard & Ross, 2012, “The adult Trichoptera of Britain and Ireland” *Handbooks for the identification of British Insects* Vol 1 part 17 *Royal Entomological Society, London*.

SPECIES	VC 37 10km map "dots" all dates	V 37 scarce (a single 10km square)	post 1980 UK status
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large font =
more than 15
VC 37
"dots"

Rhyacophilidae			
<i>Rhyacophila dorsalis</i> (Curtis)	14		
<i>Rhyacophila fasciata</i> Hagen	7		
<i>Rhyacophila munda</i> McLachlan	1	scarce	
<i>Rhyacophila obliterated</i> McLachlan	4		
Glossosomatidae			
<i>Agapetus delicatulus</i> McLachlan	1	scarce	
<i>Agapetus fuscipes</i> Curtis	23		
<i>Agapetus ochripes</i> Curtis	3		
<i>Glossosoma boltoni</i> Curtis	7		
<i>Glossosoma conformis</i> Neboiss	2		
Hydroptilidae			
<i>Agraylea multipunctata</i> Curtis	5		
<i>Agraylea sexmaculata</i> Curtis	1	scarce	scarce

<i>Allotrichia pallicornis</i> (Eaton)	2		
<i>Hydroptila forcipata</i> (Eaton)	2		
<i>Hydroptila sparsa</i> Curtis	4		
<i>Hydroptila vectis</i> Curtis	2		
<i>Oxyethira flavicornis</i> (Pictet)	2		
Philopotamidae			
<i>Wormaldia occipitalis</i> (Pictet)	3		
Ecnomidae			
<i>Ecnomus tenellus</i> (Rambur)	3		
Polycentropodidae			
<i>Cyrnus flavidus</i> McLachlan	2		
<i>Cyrnus trimaculatus</i> (Curtis)	16		
<i>Holocentropus dubius</i> (Rambur)	4		
<i>Holocentropus picicornis</i> (Stephens)	5		
<i>Holocentropus stagnalis</i> (Albarda)	5		scarce
<i>Neureclipsis bimaculata</i> (L.)	2		
<i>Plectrocnemia conspersa</i> (Curtis)	15		
<i>Plectrocnemia geniculata</i> McLachlan	2		
Polycentropus flavomaculatus (Pictet)	20		
<i>Polycentropus irroratus</i> (Curtis)	1	scarce	
<i>Polycentropus kingi</i> McLachlan	1	scarce	
Psychomyiidae			
<i>Lype phaeopa</i> (Stephens)	9		
<i>Lype reducta</i> (Hagen)	9		
<i>Psychomyia fragilis</i> (Pictet)	3		
<i>Psychomyia pusilla</i> (Fabricius)	8		
<i>Tinodes maclachlani</i> Kimmins	1	scarce	
<i>Tinodes pallidulus</i> McLachlan	1	scarce	rare
<i>Tinodes unicolor</i> (Pictet)	1	scarce	
<i>Tinodes waeneri</i> (L.)	19		
Hydropsychidae			
<i>Cheumatopsyche lepida</i> (Pictet)	8		
<i>Diplectrona felix</i> McLachlan	3		
<i>Hydropsyche angustipennis</i> (Curtis)	20		
<i>Hydropsyche contubernalis</i> McLachlan	17		
<i>Hydropsyche fulvipes</i> (Curtis)	3		
<i>Hydropsyche instabilis</i> (Curtis)	16		
<i>Hydropsyche pellucidula</i> (Curtis)	26		
<i>Hydropsyche saxonica</i> McLachlan	3		scarce
<i>Hydropsyche siltalai</i> Dohler	25		

Phryganeidae			
<i>Agrypnia pagetana</i> Curtis	2		
<i>Agrypnia varia</i> (Fabricius)	1	scarce	
<i>Oligotricha striata</i> (L.)	2		scarce
<i>Phryganea bipunctata</i> Retzius	12		
<i>Phryganea grandis</i> L.	13		
Brachycentridae			
<i>Brachycentrus subnubilus</i> Curtis	15		
Goeridae			
<i>Goera pilosa</i> (Fabricius)	13		
<i>Silo nigricornis</i> (Pictet)	4		
<i>Silo pallipes</i> (Fabricius)	15		
Lepidostomatidae			
<i>Crunoecia irrorata</i> (Curtis)	7		
<i>Lepidostoma basale</i> (Kolenati)	5		
<i>Lepidostoma hirtum</i> (Fabricius)	13		
Apataniidae			
<i>Apatania muliebris</i> McLachlan	2		
Limnephilidae			
<i>Drusus annulatus</i> (Stephens)	9		
<i>Ecclisopteryx dalecarlica</i> Kolenati	3		
<i>Chaetopteryx villosa</i> (Fabricius)	18		
<i>Anabolia nervosa</i> (Curtis)	12		
<i>Glyphotaelius pellucidus</i> (Retzius)	10		
<i>Limnephilus affinis</i> Curtis	7		
<i>Limnephilus auricula</i> Curtis	7		
<i>Limnephilus bipunctatus</i> Curtis	1	scarce	scarce
<i>Limnephilus centralis</i> Curtis	4		
<i>Limnephilus decipiens</i> (Kolenati)	2		
<i>Limnephilus extricatus</i> McLachlan	5		
<i>Limnephilus flavicornis</i> (Fabricius)	13		
<i>Limnephilus fuscicornis</i> (Rambur)	2		scarce
<i>Limnephilus hirsutus</i> (Pictet)	1	scarce	scarce
<i>Limnephilus ignavus</i> McLachlan	1	scarce	scarce
<i>Limnephilus lunatus</i> Curtis	23		
<i>Limnephilus marmoratus</i> Curtis	11		
<i>Limnephilus politus</i> McLachlan	1	scarce	scarce
<i>Limnephilus rhombicus</i> (L.)	12		
<i>Limnephilus sparsus</i> Curtis	8		
<i>Limnephilus stigma</i> Curtis	1	scarce	
<i>Limnephilus vittatus</i> (Fabricius)	9		
<i>Enoicyla pusilla</i> (Burmeister)	11		scarce
<i>Halesus digitatus</i> (Schrank)	12		
<i>Halesus radiatus</i> (Curtis)	19		
<i>Hydatophylax infumatus</i> (McLachlan)	2		scarce

<i>Micropterna lateralis</i> (Stephens)	11		
<i>Micropterna sequax</i> McLachlan	16		
<i>Potamophylax cingulatus</i> (Stephens)	11		
<i>Potamophylax latipennis</i> (Curtis)	14		
<i>Potamophylax rotundipennis</i> (Brauer)	7		
<i>Stenophylax permistus</i> McLachlan	14		
<i>Stenophylax vibex</i> (Curtis)	3		
Sericostomatidae			
<i>Notidobia ciliaris</i> (L.)	1	scarce	scarce
<i>Sericostoma personatum</i> (Spence)	25		
Beraeidae			
<i>Beraea maurus</i> (Curtis)	6		
<i>Beraea pullata</i> (Curtis)	3		
<i>Beraeodes minutus</i> (L.)	3		
<i>Ernodes articularis</i> (Pictet)	1	scarce	
Odontoceridae			
<i>Odontocerum albicorne</i> (Scopoli)	50		
Molannidae			
<i>Molanna angustata</i> Curtis	12		
Leptoceridae			
<i>Adicella reducta</i> (McLachlan)	5		
<i>Athripsodes albifrons</i> (L.)	8		
<i>Athripsodes aterrimus</i> (Stephens)	11		
<i>Athripsodes bilineatus</i> (L.)	16		
<i>Athripsodes cinereus</i> (Curtis)	16		
<i>Ceraclea albimacula</i> (Rambur)	2		scarce
<i>Ceraclea annulicornis</i> (Stephens)	3		
<i>Ceraclea dissimilis</i> (Stephens)	8		
<i>Ceraclea fulva</i> (Rambur)	1	scarce	
<i>Ceraclea nigronevosa</i> (Retzius)	1	scarce	
<i>Ceraclea senilis</i> (Burmeister)	2		
<i>Leptocerus interruptus</i> (Fabricius)	3		rare
<i>Leptocerus tineiformis</i> Curtis	5		
<i>Mystacides azurea</i> (L.)	17		
<i>Mystacides longicornis</i> (L.)	19		
<i>Mystacides nigra</i> (L.)	10		
<i>Oecetis lacustris</i> (Pictet)	5		scarce
<i>Oecetis notata</i> (Rambur)	6		
<i>Oecetis ochracea</i> (Curtis)	2		
<i>Oecetis testacea</i> (Curtis)	3		
<i>Setodes punctatus</i> (Fabricius)	3		rare
<i>Triaenodes bicolor</i> (Curtis)	5		
<i>Ylodes conspersus</i> (Rambur)	1	scarce	scarce

Recording Caddis

For much of the county, Caddis are comparatively poorly recorded. Identifying caddis from light-traps is one way the coverage can be increased. If you are confident with your identifications, the data can be sent to the Worcestershire Biological Records Centre (WBRC), who exchange data with me. If you are not, then I am happy to help. A photograph of the wings from the side will vouch for many species and I suggest they are submitted to iRECORD for whom I verify and from whom data is abstracted by WBRC. If you are prepared to kill and keep specimens as vouchers, then I can look at them by prior arrangement.

Records of larval stages are also welcomed. They too can be submitted to iRECORD; vouchers may be required to be kept if you are new to this group as it is difficult to photograph the identification features.

I look forward to hearing from you directly, or via your submitted records.

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Image

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