

Table 19: The insect remains.

	Ecology												Rarity	Phytophage host plants
Sample		95–104	90–95	80–90	70–80	63–70	55–63	50–55	45–50	40–45	31–40	25–31		
Processed Weight (kg)		6	4.5	7	6	6	6	3.5	6	5.5	5	3.5		
Processed Volume (l)		4	3.5	5	5.5	4.5	7	2	4.5	4	3	2		
COLEOPTERA														
Carabidae														
<i>Nebria gyllenhalii</i> (Schönh.)	ws	-	-	-	-	-	-	-	-	2	-	-		
<i>Clivnia fossor</i> (L.)		-	-	-	-	1	-	1	-	1	-	-		
<i>Dyschirius globosus</i> Herbst.		-	-	1	-	-	-	-	-	-	-	-		
<i>Trechus secalis</i> (Payk.)	ws	-	-	-	-	-	1	-	-	1	-	-		
<i>Trechus quadristriatus</i> (Schrk)/ <i>obtusus</i> Er.		-	1	-	-	-	-	1	-	-	-	-		
<i>Bembidion guttula</i> (F.)		-	-	-	-	1	1	-	-	-	-	-		
<i>Bembidion</i> spp.		-	-	1	-	-	-	1	-	1	-	-		
<i>Patrobus</i> spp.		-	-	-	-	1	1	-	-	-	-	1		
<i>Harpalus</i> spp.		-	-	-	-	-	1	-	-	-	-	-		
<i>Pterostichus nigrita</i> (Payk.)	ws	-	-	-	-	1	-	-	-	-	-	-		
<i>Pterostichus diligens</i> (Sturm.)	ws	-	-	-	-	1	1	-	-	1	-	-		
<i>Calathus</i> spp.		-	-	-	-	-	-	-	-	-	1	-		
<i>Agonum fuliginosum</i> (Panz.)	ws	-	-	-	-	1	-	-	-	-	-	-		
<i>Amara</i> spp.		-	1	-	-	-	-	-	-	-	-	-		
<i>Oodes gracilis</i> Villa	ws	-	-	-	-	-	1	-	-	-	-	-	ex	
Dytiscidae														
<i>Hydroporus</i> spp.	a	-	-	1	-	-	-	-	-	1	-	-		
<i>Potamonectes depressus</i> (F.)	aff	-	1	1	-	-	-	-	-	1	-	-		
<i>Agabus</i> spp.	a	-	-	-	-	-	1	-	-	-	-	-		
<i>Illybius</i> spp.	a	-	-	-	-	-	-	-	1	-	-	-		
Gyrinidae														
<i>Gyrinus</i> spp.	a	-	-	-	-	-	1	-	-	-	-	-		
Hydraenidae														
<i>Hydraena testacea</i> Curt.	a	-	-	-	-	1	2	-	-	-	-	1		
<i>Hydraena minutissima</i> Steph.	a	-	-	-	-	2	1	-	2	-	-	-	nb	
<i>Hydraena</i> spp.	a	-	2	-	-	-	2	-	-	-	-	-		
<i>Octhebius bicolon</i> Germ., 1824	a	-	-	-	-	-	-	-	8	-	-	-	nb	
<i>Octhebius minimus</i> (F.)	a	-	-	-	-	-	-	-	3	1	1	-		
<i>Octhebius</i> spp.	a	-	2	-	-	1	5	11	-	1	1	-		
<i>Limnebius</i> spp.	a	-	1	-	1	1	1	-	3	1	1	-		
<i>Helophorus</i> spp.	a	-	-	2	-	-	3	-	5	-	-	-		
Hydrophilidae														
<i>Coelostoma orbiculare</i> F.	a	-	1	1	-	-	-	-	-	-	-	-		
<i>Cercyon ustulatus</i> (Preysl.)	a	-	-	-	-	1	-	-	-	-	-	-		
<i>Cercyon impressus</i> (Sturm)	df	-	-	1	-	-	-	-	-	-	-	-		
<i>Cercyon analis</i> (Payk.)	df	-	-	-	-	-	-	-	-	1	-	-		
<i>Megasternum boletophagum</i> (Marsh.)	df	-	1	-	-	1	2	1	1	-	3	-		
<i>Laccobius</i> spp.	a	-	-	-	-	-	1	-	-	-	-	-		
<i>Hydrobius fuscipes</i> Leach	ws	-	-	-	-	1	-	-	-	-	-	-		
Silphidae														
<i>Silphidae</i> spp.		-	-	-	-	1	-	-	1	1	1	-		
Scydmaenidae														
<i>Scydmaenidae</i> Gen. and spp. Indet.		-	-	-	-	-	-	-	1	-	-	-		
Orthoperidae														
<i>Orthoperus</i> spp.	ws	-	-	1	-	-	-	-	-	-	-	-		
Staphylinidae														
<i>Micropeplus staphylinoides</i> (Marsh.)		-	-	-	-	-	-	-	-	-	1	-		
<i>Megarathrus</i> spp.		-	-	-	-	-	1	-	-	-	-	-		
<i>Proteinus</i> spp.		-	-	-	-	-	-	-	-	-	-	1		
<i>Phyllodrepa floralis</i> (Payk.)		-	-	-	-	-	1	-	-	-	-	-		
<i>Omalius</i> spp.		-	-	-	-	1	-	-	-	-	-	-		
<i>Lathrimaeum unicolor</i> (Marsh.)	ws	-	-	-	-	-	-	1	-	-	-	-		
<i>Lesteva</i> spp.	ws	-	-	-	-	-	-	-	-	1	1	1		
<i>Trogophloeus bilineatus</i> (Steph.)	ws	-	-	-	-	-	-	-	-	-	1	-		

<i>Agelastica alni</i> (L.)	1	-	-	-	-	-	1	-	-	-	-	-	RDBK	10
<i>Phyllotreta</i> spp.		-	-	-	1	-	2	-	1	1	1	2		
<i>Podagrica</i> spp.		-	-	-	-	-	1	-	-	-	-	-		
<i>Chaetocnema concinna</i> (Marsh.)		-	-	-	-	-	1	-	-	-	-	-		
<i>Chaetocnema</i> spp.		-	-	1	1	-	1	-	1	-	-	-		
Scolytidae														
<i>Dryocoetes villosus</i> (F.)	1	-	-	1	-	-	-	-	-	-	-	-		11
<i>Ernoporus caucasicus</i> Lindem.	1	-	-	-	-	-	-	-	-	1	-	-	RDB1	12
Curculionidae														
<i>Apion</i> spp.	g	-	1	-	-	-	1	-	1	1	3	-		
<i>Polydrusus</i> spp.	g	-	-	-	-	-	1	-	-	-	-	-		
<i>Barypeithes</i> spp.		-	-	-	-	-	1	-	-	-	-	-		
<i>Strophosoma</i> spp.	g	-	-	-	-	-	1	-	-	-	-	-		
<i>Cneorhinus exaratus</i> (Marsh.)	g	-	-	-	-	-	1	-	-	-	-	-		
<i>Barynotus obscurus</i> (F.)	g	-	-	-	-	-	2	1	-	-	-	-		
<i>Barynotus</i> spp.	g	-	-	-	-	1	-	-	-	1	-	1		
<i>Sitona flavescens</i> (Marsh)	g	-	-	-	-	-	3	-	-	-	-	-		13
<i>Sitona</i> spp.	g	-	1	-	-	-	-	1	1	1	-	-		
<i>Bagous</i> spp.	ws	-	2	2	-	2	7	1	-	-	1	1		
<i>Notaris acridulus</i> (L.)	ws	-	-	-	-	2	2	-	-	1	1	1		14
<i>Notaris</i> spp.	ws	-	-	-	-	-	-	-	1	-	-	-		
<i>Curclio</i> spp.	1	-	-	-	-	-	-	-	-	1	-	-		
<i>Hypera</i> spp.	g	-	1	-	-	1	-	-	-	-	-	-		15
<i>Rhinoncus</i> spp.	g	-	-	-	1	-	-	-	-	-	-	-		16
<i>Ceutorhynchus contractus</i> (Marsh.)	g	-	1	-	-	-	-	-	-	-	-	-		17
<i>Ceutorhynchus erysimi</i> (F.)	g	-	-	-	-	-	1	-	-	-	-	-		18
<i>Ceutorhynchus</i> spp.		-	-	1	-	-	-	1	-	1	-	-		
<i>Cidnorhinus quadrimaculatus</i> (L.)	g	-	-	-	-	1	3	-	-	-	-	-		19
<i>Gymnetron</i> spp.	g	-	1	-	-	-	1	-	-	-	-	-		20
<i>Rhynchaenus</i> spp.	1	-	-	-	-	-	-	1	-	-	-	-		21
TRICHOPTERA														
Trichoptera Gen. and spp. indent.		+		++	+	+++	++++	++++	++++	++	++	++		

Ecological groupings:

- a aquatic species
- aff aquatic species normally associated with fast flowing water
- ws waterside species either from muddy banksides or from waterside vegetation
- m species normally associated with moorland
- df species associated with dung and foul matter
- g species associated with grassland and pasture
- 1 species either associated with trees or with woodland in general

Rarity:

- Ex. now not found in the British Isles
- RDB1 endangered
- RDG2 vulnerable
- RDB3 rare
- RDBK insufficiently known (but often rare)
- Na rather uncommon
- Nb uncommon

Phytophage host plants (mainly from Koch 1992):

- 1 Often on *Potamogeton* (pond weed) or *Myriophyllum* (water milfoil)
- 2 Normally on *Phragmites australis* (Cav.) Trin. ex Steud.
- 3 *Nymphaea alba* L. and *Nuphar lutea* (L.) (white and yellow water lily)
- 4 *Schoenoplectus lacustris* (L.) Palla (common club rush)
- 5 *Sparganium* spp. (burr reeds)
- 6 Range of waterside vegetation
- 7 Usually on *Rumex* spp. (docks)
- 8 On *Ranunculus* (buttercup) species often on *Caltha palustris* L. (marsh marigold)
- 9 Leaves from a range of trees
- 10 On *Alnus* (alder)
- 11 Under bark of a range of hard wood trees
- 12 On *Tillia* (lime)
- 13 *Trifolium* species (clover)
- 14 Mainly on *Glyceria maxima* (Hartm.) Holmb. (reed sweet-grass)

- 15 Usually on *Trifolium* (clover)
- 16 Usually on *Polygonum* (knotweed)
- 17 Wide range of Brassicaceae (cabbage family) including Resedaceae (weld and mignonettes) and Papaveraceae (poppies)
- 18 On *Capsella bursa-pastoris* (L.) Medik. (shepherd's purse)
- 19 *Urtica dioica* L. (stinging nettle)
- 20 *Plantago lanceolata* L. (plantain)
- 21 Leaves of various trees