

INVERTEBRATE SITE REGISTER

Report number 70 Part II
In confidence

September 1986

Review of the Invertebrate sites in England
Tyne and Wear

Stuart G. Ball



LOAN COPY



NATURE
CONSERVANCY
COUNCIL

Chief Scientist Directorate
Northminster House, Peterborough PE1 1UA

CONTRACT REPORTS.

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Contractor Stuart G Ball

Comments

Restrictions In Confidence

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Sandy Collinge - for the file

Site name	Grid	Grade	Site	Page
AXWELL PARK	NZ1961	D	24	93
BARLOW BURN	NZ1561	C	10	51
BARMSTON POND	NZ3257	?	27	99
BEDA HILLS	NZ15	C	13	63
BETLEY PLANTATION	NZ1558	?	36	119
BEWES HILLS	NZ1663	?	41	129
BIG WATERS	NZ2273	C	11	55
BLAYDON BURN	NZ1662	?	28	101
BLAYDON POND	NZ1962	B	7	29
BOG WOOD	NZ1561	C	10	51
BOLDON FLATS	NZ3761	C	12	57
BRADLEY HALL POND	NZ1263	C	20	81
BURNHILLS	NZ1561	C	10	51
CHOPWELL WOODS	NZ15	C	13	63
CLARA VALE	NZ1365	?	29	103
CLEADON HILL	NZ3963	C	14	67
CLOCKBURN LANE	NZ1860	?	30	107
DAMHEAD WOOD	NZ1860	?	30	107
DERWENT CRAGS	NZ15	C	13	63
DUNSTON POND	NZ222625	?	31	109
FULWELL QUARRY	NZ3859	?	32	111
GIBSIDE	NZ1859	B	1	1
GOSFORTH PARK	NZ2570	B	2	11
HADRIAN PARK POND	NZ312696	C	15	69
HALLOW HILL	NZ1565	C	18	77
HASTINGS HILL	NZ3554	?	33	113
HERRINGTON HILL	NZ3452	?	34	115
HETTON BOG	NZ3448	B	3	15
HETTON WOODS	NZ3448	B	3	15
HIGH HAINING HILL	NZ3550	?	35	117
HOUGHTON SCARP	NZ3550	?	35	117
JESMOND DENE	NZ2665	D	25	95
JOE'S POND	NZ3248	C	16	73
LINTZFORD WOOD	NZ15	C	13	63
LOW SPEN WOODS	NZ1558	?	36	119
MARSDEN COAST	NZ4064	D	26	97
MILKWELLBURN WOOD	NZ1057	?	37	121
MILLBANK WOOD	NZ1860	?	30	107
MOUNT PLEASANT MARSH	NZ3460	C	17	75
NEWBURN MARSH	NZ1565	C	18	77
OLD HOLLINSIDE	NZ1860	?	30	107

Site name	Grid	Grade	Site	Page
PADDOCK HILL WOOD	NZ1760	B . . .	4	17
POCKERLEY FARM POND	NZ2255	? . . .	38	123
PRESTWICK CARR	NZ1974	B . . .	16	21
RAVENSWORTH ESTATE	NZ2259	? . . .	39	125
REIGH BURN	NZ1565	C . . .	18	77
RYTON WILLOWS	NZ1564	B . . .	6	25
SAINT MARY'S ISLAND	NZ3575	C . . .	19	79
SHIBDON POND	NZ1962	B . . .	7	29
SLED LANE POND	NZ1263	C . . .	20	81
SNIPES DENE	NZ1859	B . . .	1	1
STANLEY BURN	NZ1163	? . . .	130	127
STARGATE QUARRY	NZ1663	? . . .	41	129
STROTHER HILLS	NZ1557	C . . .	21	85
SWALLOW PONDS, WALLSEND	NZ3069	C . . .	22	89
THORNLEY WOOD	NZ1760	B . . .	8	43
THROCKLEY POND	NZ1565	C . . .	18	77
TIMBER BEACH	NZ3658	B . . .	9	49
TUNSTALL HILLS	NZ3954	C . . .	23	91
VIADUCT WOOD	NZ1859	B . . .	1	1
WARDEN LAW QUARRY	NZ3750	? . . .	42	133
WASHINGTON WILDFOWL PARK	NZ3356	? . . .	43	137
WHITBURN BEACH	NZ414628	? . . .	44	139
WINDY NOOK	NZ2760	? . . .	45	141
WOOLSINGTON HALL POND	NZ2070	? . . .	46	145

A NOTE ON SITE BOUNDARIES

Firm boundaries have only been drawn around sites which I know personally, or have taken from maps supplied by others. The boundaries of exsisting SSSIs have been used where appropriate, within the limitations of scale. Any deliberate changes are specifically annotated and commented upon.

In the case of sites which are unknown to me, I have drawn a line enclosing the probable area of interest using any boundary on the map (such as the edges of a wood) which seems convenient.

INVERTEBRATE SITE REGISTER
MASTER FORM

Site number

70/1

Name(s)

GIBSIDE
SNIPES DENE
VIADUCT WOOD

County(s)

Tyne and Wear

Grid. Ref.

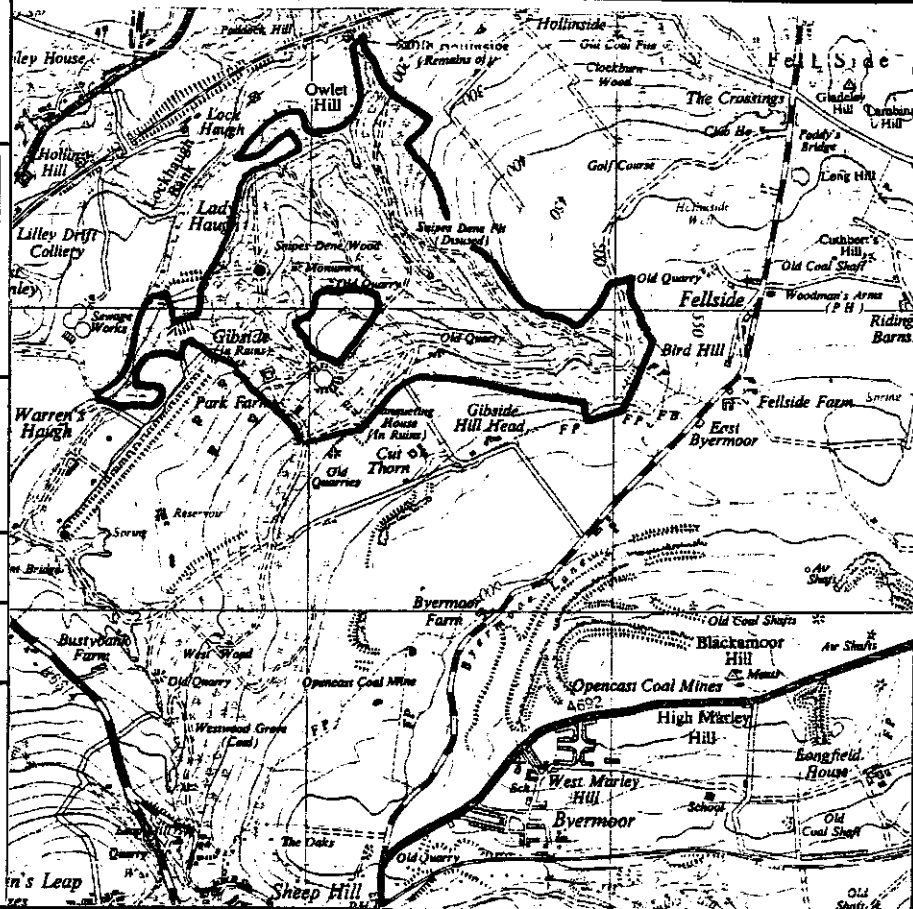
NZ1859

Grade

B

Status

Forestry Commission
Private owner
pSSSI



Site description - Habitat

Wooded part of a landscaped estate which formed the largest block of Sessile Oak woodland in the Derwent valley until it was felled during the second world war. Regeneration was well underway when the FC acquired the site and in 1953 it was planted with conifers. Sessile Oak remnants persist in the steep sided valley of Snipes Dene and extend along the banks of the River Derwent to Lockhaugh Viaduct. The plantations retain wide sandy rides with heathy vegetation in parts and there are two ornamental ponds of considerable interest.

Invertebrate Interest - Coverage

Considerable historic interest - this was one of the most visited and finest sites in the region. A number of interesting species appear to have survived in the relict areas. Recent records include rare Hymenoptera found by D A Sheppard. The ponds support a good aquatic fauna including the flightless waterbeetle Agabus unguicularis.

Comments - Conservation

Owned by Strathmore Estates and the Forestry Commission. The remaining deciduous areas need protecting and the sandy rides need management of the plantations flanking them to prevent overshadowing. Management of the octagonal pond has been rather drastic in recent years, in future it should be cleared in sections rather than wholesale. The shooting tenants have apparently suggested stocking the ponds - this should not be encouraged.

Red Data Book and Notable species recorded for GIBSIDE

pRDB1

Nigma flavescens (Walckenaer) ARA:Dictynidae 1909 Locket & Millidge(1953)

RDB3

Aganthidium badium COL:Leiodidae 1908 Eyre & Sheppard(1982)
Bagnall (1908)
Coccinella quinquepunctata COL:Coccinellidae -1852 Hardy & Bold(1852)
'at the side of the Derwent below Gibside'
Cyanostolus aeneus COL:Rhizophagidae 1905 Eyre & Sheppard(1982)
Bagnall (1905)
Dryocoetinus alni COL:Scolytidae 1905 Eyre & Sheppard(1982)
Fortune & Wallace (1905)
Euplectus brunneus COL:Pselaphidae 1910 Eyre & Sheppard(1982)
Bagnall (1910)
Tomoxia biguttata COL:Mordellidae 1852 Eyre & Sheppard(1982)
Hardy & Bold (1852)
Habitat indicator of Deciduous & mixed wood (1)
Triplax scutellaris COL:Erotylidae 1906 Eyre & Sheppard(1982)
Bagnall (1906)
Habitat indicator of Deciduous & mixed wood (3)
Helina quadrinotata DIP:Muscidae 1896 Wingate(1906)
Andrena proxima HYM:Andrenidae -1870 Bold T J(1870)
Halictus confusus HYM:Halictidae 1976 Sheppard, Dr D A

Na

Apion affine COL:Apionidae 1852 Eyre & Sheppard(1982)
Hardy & Bold (1852)
Apion laevigatum COL:Apionidae 1852 Eyre & Sheppard(1982)
Hardy & Bold (1852)
Atheta autumnalis COL:Staphylinidae 1852 Eyre & Sheppard(1982)
Hardy & Bold (1852)
Cantharis fusca COL:Cantharidae 1852 Eyre & Sheppard(1982)
Hardy & Bold (1852)
Cerylon fagi COL:Cerylonidae 1908 Eyre & Sheppard(1982)
Bagnall (1908)
Habitat indicator of Deciduous & mixed wood (3)
Colon latum COL:Leiodidae 1908 Eyre & Sheppard(1982)
Bagnall (1908)
Epuraea angustula COL:Nitidulidae 1908 Eyre & Sheppard(1982)
Bagnall (1908)
Habitat indicator of Deciduous & mixed wood (3)
Ilyobates nigricollis COL:Staphylinidae 1872 Eyre & Sheppard(1982)
Bold (1872)
Longitarsus anchusae COL:Chrysomelidae 1905 Eyre & Sheppard(1982)
Bagnall (1905)
Nuraphes talparum COL:Scydmaenidae 1911 Eyre & Sheppard(1982)
Bagnall (1911)
Nossidium pilosellum COL:Ptiliidae 1906 Eyre & Sheppard(1982)
Bagnall (1906)
Quedius humeralis COL:Staphylinidae 1905 Eyre & Sheppard(1982)
Bagnall (1905)

GIBSIDE (Continued)

Rhynchaenus foliorum COL:Curculionidae 1907 Eyre & Sheppard(1982)
Bagnall (1907)

Notable/Nb

Limax tenellus MOL:Limacidae 1986 Jackson, Noel
Habitat indicator of Deciduous & mixed wood (2)

Brachytron pratense ODO:Aeshnidae 1919 Heslop-Harrison(1919)
Hairy Dragonfly

Drepanopteryx phalanoides (L) HEU:Hemerobiidae 1890 Eyre(1983C)
Henderson (1890)
Habitat indicator of Deciduous & mixed wood (3)

Symphorobius elegans (Stephens) NEU:Hemerobiidae 1978 Eyre, M D
Habitat indicator of Deciduous & mixed wood (3)

Abdera flexuosa COL:Melandryidae 1905 Eyre & Sheppard(1982)
Fortune & Wallace (1905)

Acalles ptinoides COL:Curculionidae 1918 Eyre & Sheppard(1982)
Beck (1923)

Aegialia sabuleti COL:Scarabaeidae 1978 Eyre, M D
Habitat indicator of Stream or river including margins (2)

Agabus unguicularis COL:Dytiscidae 1981-1982 Eyre, M D

Alophus triguttatus COL:Curculionidae 1917 Eyre & Sheppard(1982)
Bagnall & Harrison (1917)

Anthonomus brunnipennis COL:Curculionidae 1983 Reid, C

Anthonomus ulmi COL:Curculionidae 1852 Eyre & Sheppard(1982)
Hardy & Bold (1852)

Aphodius distinctus COL:Scarabaeidae 1852 Eyre & Sheppard(1982)
Hardy & Bold (1852)

Apion cerdo COL:Apionidae 1872 Eyre & Sheppard(1982)
Bold (1872)

Apion cruentatum COL:Apionidae 1852 Eyre & Sheppard(1982)
Hardy & Bold (1852)

Atomaria fimetarii COL:Cryptophagidae 1872 Eyre & Sheppard(1982)
Bold (1872)

Atomaria nigriventris COL:Cryptophagidae 1852 Eyre & Sheppard(1982)
Hardy & Bold (1852)

Attelabus nitens COL:Attelabidae 1982 Walker, Mark (deceased)

Bembidion geniculatum COL:Carabidae 1984 Eyre, M D

Bolitobius inclinans COL:Staphylinidae 1905 Eyre & Sheppard(1982)
Bagnall (1905)

Bolitochara pulchra COL:Staphylinidae 1852 Eyre & Sheppard(1982)
Hardy & Bold (1852)

Bryaxis curtisi COL:Pselaphidae 1852 Eyre & Sheppard(1982)
Hardy & Bold (1852)

Ctenicera pectinicornis COL:Elateridae 1852 Eyre & Sheppard(1982)
Hardy & Bold (1852)

Dendroxena quadrimaculata COL:Silphidae 1872 Eyre & Sheppard(1982)
Bold (1872)
Habitat indicator of Deciduous & mixed wood (3)

Dropephylla gracilicornis COL:Staphylinidae 1925 Eyre & Sheppard(1982)
Walsh (1925)

Dryocoetes autographus COL:Scolytidae 1905 Eyre & Sheppard(1982)
Fortune & Wallace (1905)

Enicmus testaceus COL:Lathridiidae 1906 Eyre & Sheppard(1982)
Bagnall (1906)

GIBSIDE (Continued)

Habitat indicator of Deciduous & mixed wood (3)			
<i>Epuraea longula</i>	COL:Nitidulidae	1905	Eyre & Sheppard(1982)
Bagnall (1905)			
<i>Grypus equiseti</i>	COL:Curculionidae	1852	Eyre & Sheppard(1982)
Hardy & Bold (1852)			
<i>Gymnetron labile</i>	COL:Curculionidae	1852	Eyre & Sheppard(1982)
Hardy & Bold (1852)			
<i>Ilybius subaeneus</i> Erichson	COL:Dytiscidae	1981-1982	Eyre, M D
<i>Judolia cerambyciformis</i>	COL:Cerambycidae	1852	Eyre & Sheppard(1982)
Hardy & bold (1852)			
Habitat indicator of Deciduous & mixed wood (2)			
<i>Magdalis carbonaria</i>	COL:Curculionidae	1852	Eyre & Sheppard(1982)
Hardy & Bold (1852)			
Habitat indicator of Deciduous & mixed wood (3)			
<i>Malthodes mysticus</i>	COL:Cantharidae	1866	Eyre & Sheppard(1982)
Bold (1866)			
<i>Mantura rustica</i>	COL:Chrysomelidae	1905	Eyre & Sheppard(1982)
Bagnall (1905)			
<i>Helandrya caraboides</i>	COL:Helandryidae	1852	Eyre & Sheppard(1982)
Hardy & Bold (1852)			
Habitat indicator of Deciduous & mixed wood (3)			
<i>Microscydmus nanus</i>	COL:Scydmaenidae	1919	Eyre & Sheppard(1982)
Walsh (1919)			
<i>Philonthus addendus</i>	COL:Staphylinidae	1982	Eyre, M D
<i>Philonthus rotundicollis</i>	COL:Staphylinidae	1982	Eyre, M D
<i>Phymatodes alni</i>	COL:Cerambycidae	1852	Eyre & Sheppard(1982)
Hardy & bold (1852)			
<i>Platydracus pubescens</i>	COL:Staphylinidae	1852	Eyre & Sheppard(1982)
Hardy & Bold (1852)			
<i>Polydrusus flavipes</i>	COL:Curculionidae	1939	Eyre & Sheppard(1982)
Bagnall (1939)			
<i>Polydrusus mollis</i>	COL:Curculionidae	1939	Eyre & Sheppard(1982)
Bagnall (1939)			
<i>Pterostichus cristatus</i>	COL:Carabidae	1982	Eyre, M D
<i>Quedius microps</i>	COL:Staphylinidae	1852	Eyre & Sheppard(1982)
Hardy & Bold (1852)			
Habitat indicator of Deciduous & mixed wood (3)			
<i>Quedius longicornis</i>	COL:Staphylinidae	1905	Eyre & Sheppard(1982)
Fortune & Wallace (1905)			
<i>Quedius plagiatus</i>	COL:Staphylinidae	1906	Eyre & Sheppard(1982)
Bagnall (1906)			
<i>Quedius ventralis</i>	COL:Staphylinidae	1919	Eyre & Sheppard(1982)
Walsh (1919)			
Habitat indicator of Deciduous & mixed wood (3)			
<i>Rhagium inquisitor</i>	COL:Cerambycidae	1831	Eyre & Sheppard(1982)
Stephens (1831)			
<i>Rhizophagus nitidulus</i>	COL:Rhizophagidae	1852	Eyre & Sheppard(1982)
Hardy & Bold (1852)			
Habitat indicator of Deciduous & mixed wood (2)			
<i>Scaphidema metallicum</i>	COL:Tenebrionidae	1918	Eyre & Sheppard(1982)
Beck (1923)			
<i>Silpha tyrolensis</i>	COL:Silphidae	1932	Eyre & Sheppard(1982)
Bagnall (1932)			
<i>Soronia punctatissima</i>	COL:Nitidulidae	1852	Eyre & Sheppard(1982)
Hardy & Bold (1852)			

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GIBSIDE (Continued)

<i>Stenostola dubia</i> Bagnall (1904) Habitat indicator of Deciduous & mixed wood (3)	COL:Cerambycidae	1904	Eyre & Sheppard(1982)
<i>Stenus guynemeri</i> Bagnall (1906)	COL:Staphylinidae	1906	Eyre & Sheppard(1982)
<i>Strangalia quadrifasciata</i> Hardy & bold (1852) Habitat indicator of Deciduous & mixed wood (3)	COL:Cerambycidae	1852	Eyre & Sheppard(1982)
<i>Trachyphloeus asperatus</i> Bagnall and Harrison (1917)	COL:Curculionidae	1917	Eyre & Sheppard(1982)
<i>Boloria euphrosyne</i> 1601, Pearl Bordered Fritillary Wailes (1857)	LEP:Nymphalidae	1857	Eyre & Sheppard(1983B)
<i>Crambus pratella</i>	LEP:Pyralidae	1977	Sheppard, Dr D A
<i>Neoleria ruficeps</i>	DIP:Heleomyzidae	1983	Ball, Dr S G
<i>Parasyrphus vittiger</i>	DIP:Syrphidae	1896	Wingate(1906)
<i>Pipiza bimaculata</i>	DIP:Syrphidae	1928	Fordham(1930)
<i>Rhamphomyia umbripennis</i>	DIP:Empididae	1984	Ball, Dr S G
<i>Scoliocentra caesia</i>	DIP:Heleomyzidae	1982	Ball, Dr S G
<i>Thrypticus bellus</i>	DIP:Dolichopodidae	1983	Ball, Dr S G
<i>Diplocephalus protruberans</i>	ARA:Linyphiidae	-1951	Locket & Millidge(1953)
Nr			
<i>Limax cinereoniger</i> Habitat indicator of Deciduous & mixed wood (2)	MOL:Limacidae	1986	Jackson, Noel
<i>Alosterna tabacicolor</i> Habitat indicator of Deciduous & mixed wood (3)	COL:Cerambycidae	1983	Reid, C
<i>Bembidion genei</i> Kuster	COL:Carabidae	1982	Eyre, M D
<i>Clytus arietis</i> (L) Wasp Beetle Bagnall (1940)	COL:Cerambycidae	1940	Eyre & Sheppard(1982)
<i>Deporaus mannerheimi</i>	COL:Attelabidae	1982	Walker, Mark (deceased)
<i>Leiopus nebulosus</i> Bagnall (1904) Habitat indicator of Deciduous & mixed wood (3)	COL:Cerambycidae	1904	Eyre & Sheppard(1982)
<i>Orchesia undulata</i> Fortune & Wallace (1905) Habitat indicator of Deciduous & mixed wood (3)	COL:Melandryidae	1905	Eyre & Sheppard(1982)
<i>Rhagium bifasciatum</i> F Bagnall (1940)	COL:Cerambycidae	1940	Eyre & Sheppard(1982)
<i>Sinodendron cylindricum</i> Rhinoceros beetle Bagnall (1908) Habitat indicator of Deciduous & mixed wood (3)	COL:Lucanidae	1908	Eyre & Sheppard(1982)
<i>Strangalia maculata</i> (Poda)	COL:Cerambycidae	1982	Eyre, M D
<i>Strangalia melanura</i> Hardy & bold (1852) Habitat indicator of Deciduous & mixed wood (3)	COL:Cerambycidae	1852	Eyre & Sheppard(1982)
<i>Tetrops praeusta</i> Hardy & Bold (1852)	COL:Cerambycidae	1852	Eyre & Sheppard(1982)
<i>Acasis viretata</i> 1883, Yellow-barred Brindle	LEP:Geometridae	1927	Campbell(1928)
<i>Aplocera plagiata</i> 1867, Treble Bar	LEP:Geometridae	1976	Sheppard, Dr D A

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GIRSIDE (Continued)

<i>Apocheima hispidaria</i> 1925, Small Brindled Beauty Heslop-Harrison (1918)	LEP:Geometridae	1918	Eyre & Sheppard(1983B)
<i>Argynnis aglaja</i> 1607, Dark Green Fritillary Wailles (1857)	LEP:Nymphalidae	1857	Eyre & Sheppard(1983B)
<i>Boloria selene</i> 1600, Small Pearl-bordered Fritillary Wailles (1857)	LEP:Nymphalidae	1857	Eyre & Sheppard(1983B)
<i>Celastrina argiolus</i> 1580, Holly Blue Wailles (1857)	LEP:Lycaenidae	1857	Eyre & Sheppard(1983B)
<i>Jodis lactearia</i> 1674, Little Emerald Beck (1923)	LEP:Geometridae	1923	Eyre & Sheppard(1983B)
<i>Polyploca ridens</i> 1660, Frosted Green Hedworth(1877)	LEP:Thyatiridae	1877	Eyre(1983C)
<i>Quercusia quercus</i> 1557, Purple Hairstreak	LEP:Lycaenidae	1933	Garrett(1933)
<i>Brachyopa scutellaris</i> Anon. Trans Tyne Nat Field Club (1850) as <i>B. bicolor</i> Habitat indicator of Deciduous & mixed wood (3)	DIP:Syrphidae	1850	Eyre & Sheppard(1982)

Local

<i>Cordulegaster boltoni</i> Golden-ringed Dragonfly	ODD:Cordulegasteri	1984	Durkin, John
<i>Dicyphus constrictus</i>	HEM:Miridae	1983	Eyre, M D
<i>Empicoris vagabundus</i>	HEM:Reduviidae	1982	Eyre, M D
<i>Gerris argentatus</i>	HEM:Gerridae	1982	Eyre, M D
<i>Javasella forcipata</i> (Boheman)	HEM:Delphacidae	1983	Eyre, M D
<i>Nepa cinerea</i> Water Scorpion	HEM:Nepidae	1981-1982	Eyre, M D
<i>Hemerobius atrifrons</i> McLachlan	NEU:Hemerobiidae	1982	Eyre, M D
<i>Nothochrysa capitata</i> (F)	NEU:Chrysopidae	1982	Eyre, M D
<i>Agathidium nigrinum</i> Hardy & Bold (1850) Habitat indicator of Deciduous & mixed wood (3)	COL:Leiodidae	1850	Eyre & Sheppard(1982)
<i>Anisotoma humeralis</i> Hardy & Bold (1850) Habitat indicator of Deciduous & mixed wood (3)	COL:Leiodidae	1850	Eyre & Sheppard(1982)
<i>Barynotus moerens</i> (F)	COL:Curculionidae	1982	Walker, Mark (deceased)
<i>Bradycellus sharpi</i>	COL:Carabidae	1983	Eyre, M D
<i>Cicandela campestris</i> L Green Tiger Beetle	COL:Carabidae	1982	Eyre, M D
<i>Coelambus confluens</i> (F)	COL:Dytiscidae	1981-1982	Eyre, M D
<i>Elaphrus cupreus</i> Duft.	COL:Carabidae	1983	Reid, C
<i>Halipus obliquus</i> (F)	COL:Haliplidae	1981-1982	Eyre, M D
<i>Laccophilus minutus</i> (L)	COL:Dytiscidae	1981-1982	Eyre, M D
<i>Olisthopus rotundatus</i> (Paykull)	COL:Carabidae	1983	Reid, C
<i>Ptinella aptera</i> Bagnall (1906) Habitat indicator of Deciduous & mixed wood (3)	COL:Ptiliidae	1906	Eyre & Sheppard(1982)

GIBSIDE (Continued)

<i>Rhagium mordax</i> (L)	COL:Cerambycidae			1(1982)
Bagnall (1940)				
<i>Scaphidium quadrimaculatum</i>	COL:Scaphidiidae	1872	Ey...	d(1982)
Bold (1872)				
Habitat indicator of Deciduous & mixed wood (3)				
<i>Scaphisoma agaricinum</i>	COL:Scaphidiidae	1850		Eyre & Sheppard(1982)
Hardy & Bold (1850)				
Habitat indicator of Deciduous & mixed wood (3)				
<i>Stenichnus bicolor</i>	COL:Scydmaenidae	1906		Eyre & Sheppard(1982)
Bagnall (1906)				
Habitat indicator of Deciduous & mixed wood (3)				
<i>Stenus cicindeloides</i> (Schaller)	COL:Staphylinidae	1983		Eyre, M D
<i>Stenus picipennis</i> Erichson	COL:Staphylinidae	1983		Eyre, M D
<i>Xyloterus domesticus</i>	COL:Scolytidae	1978		Eyre, M D
Ambrosia Beetle				
Habitat indicator of Deciduous & mixed wood (3)				
<i>Boreus hyemalis</i>	MEC:Boreidae	1982		Eyre, M D
The snow flea				
<i>Chrysotoxum arcuatum</i> (L)	DIP:Syrphidae	1985		Simpson, Gordon
<i>Dasysyrphus albostriatus</i> (Fallen)	DIP:Syrphidae	1983		Ball, Dr S G
<i>Pipiza luteitarsis</i>	DIP:Syrphidae	1976		Ball, Dr S G
Habitat indicator of Deciduous & mixed wood (2)				

141 species listed

Invertebrate Index = 860