

Mitcham Common

Report on a ground invertebrate survey, 15 November 2006 – 15 November 2007.

Edward Milner B Sc, MIEEM

1. Introduction

Mitcham Common is a large public open space in the London Borough of Merton. It includes some undisturbed areas of acid grassland, part of which is a golf course, as well as a good deal of secondary woodland and recreational grassland of mixed history and management. Capped landfill covers substantial areas, but as with other nutrient-rich created habitats these sectors have so far developed into rank stands of tall herbs of little conservation interest. The golf course and some other areas include areas of heather and dwarf gorse. There are also some ponds and damp areas including areas of *Molinia* tussocks, some of which become regularly waterlogged in winter.

The purpose of this survey was to make an assessment of the conservation value of selected parts of the Common, including some of the acid grassland areas, by concentrating on ground-active invertebrates (spiders, beetles, pseudoscorpions), looking out for species of particular interest. In the light of this preliminary survey some recommendations for future management for these and other grassland areas were to be made. It was also the intention to bring the spider list for the Common up to date and to make it more comprehensive. Two previous reports on invertebrates on the Common were prepared in 1984 and 1991, but spider records only made up a small part of each.

The earlier report (Morris, 1984) includes a number of records which I have rejected, in consultation with Peter Harvey (National Recording Scheme Organiser) as needing confirmation of their identification. The author of the spider section of the 1984 report, Mr A.D.Sclater indicates that a number of specimens were identified by Mr P Hillyard (Natural History Museum) and Dr P Merrett (ITE). However several of the more difficult species (that could have been confused with other, commoner species), and the rarer, more unlikely species were not, apparently, forwarded to either for confirmation.

In the later report (Morris, 1991) a number of species not found in the present survey were recorded. However as these are all both relatively easy to identify and likely to have been found on the Common, these records (including the Notable A *Bianor aurocinctus*, recorded from several acid grassland sites in the west London area) are accepted.

2. Materials and Methods

The survey concentrated on four discrete sectors of the Common (see Table 1). A total of 11 trap-sites were sampled, all in grassland sites except site 06 (Golf Course 2) which was in dense heather (*Calluna vulgaris*). All the sites were unmown except 07 (Seven Islands 1).

Table 1: Habitat Compartments and trap-sites

Sector	Habitat	No.of Trap-sites	Trap-sites
Gun-site (west)	Acid grassland with anthills	3	01,02,011
Gun-site (centre)	Acid grassland with anthills	2	03,04
Golf Course	Acid grass and heather (<i>Calluna vulgaris</i>)	2	05,06
Seven Islands	Damp tussock (<i>Molinia caerulea</i>) grassland (partly mown)	3	07,08
Mill House	Acid grassland with dwarf gorse, and anthills	2	09,10

Pitfall traps were set in standard trios with a small quantity of ethylene glycol (holding agent) and commercial detergent (wetting agent). These compounds may act as an attractant for some species and discourage others but this standard form has been used throughout London in previous surveys and presumably the same bias (if any) occurs each time. All the traps were emptied on a monthly basis for a whole year (December 2006 to November 2007) so that the catch represented exactly a 12-month period. At two sites (01 and 11) this was not possible and more limited periods were sampled.

Spiders were identified by the author, beetles by Mr N Heal, and the pseudoscorpions by Dr G Legg.

3. Results

The total numbers of spiders and number of species in 3 groups trapped (spiders, beetles and pseudoscorpions) were as follows:

Spiders (Table 2A) : 3829 individuals, representing 86 spp. including one Nationally Notable A species (*Argiope bruennichi*) and one Nationally Notable B (*Centromerus incilium*). However several other species are rare in the regional context of greater London (see below).

As a result of the trapping the number of spiders recorded for the Common is now 123 plus six regarded as unconfirmed (*Tetragnatha obtusa*, *Pardosa amentata*, *Pirata piraticus*, *Tegenaria agrestis*, *Clubiona pallidula*, *Clubiona brevipes*), together with one species *Pholcus phalangioides* found exclusively inside the buildings, giving a grand total of 130 species (see **Table 5**). Following discussion with the warden, Martin Boyle, a number of other species claimed to have been found on the Common (such as *Nigma puella*, *Xerolycosa nemoralis* and *Sitticus caricis*) are provisionally rejected as their identifications remain unconfirmed.

Beetles (Table 3) 151 spp. trapped including 3 Notable A spp. (*Platynaspis luteorubra*: Coccinellidae; *Longitarsus luridus*: Chrysomelidae; *Ceutorhynchus atomus*: Curculionidae), and 8 Notable B spp. (*Panagaeus bipustulatus*, *Platyderus ruficollis*: Carabidae; *Acidota cruentat*, *Liogluta pagana*: Staphylinidae; *Cassida prasina*, *Longitarsus dorsalis*: Chrysomelidae; *Cneorhinus plumbeus*, *Otiiorhynchus raucus*: Curculionidae.)

Pseudoscorpions: 1 sp. *Chthonius ischnosceles*. A common and widespread species in the London area.

4. Interpretation of the results

Of the groups involved, spiders have proved to be sensitive indicators of both minor variations in the habitat and of management practice. This is probably because in general most species apart from specific 'pioneers' tend to remain in an area that suits them – for example several species are associated with ants and are usually found within a metre or two of the nearest anthill. Beetles are much more mobile, especially carnivorous species although obviously many phytophagous species tend to be found on or near their preferred food plants. The pseudoscorpion *Chthonius ischnosceles* occurs more frequently in woodland but it is also found in grassland as well as disturbed habitats so that its presence has little ecological significance.

Beetles

Most of the beetles species found in this survey are widespread in London and commonly found in London grasslands. Many beetles are also extremely mobile so that their occurrence in pitfall traps is less easy to interpret than spider results. Among the phytophagous species recorded several are associated with the characteristic plants of the Common.

Examples are: yarrow – *Achillea millefolium* (beetle: *Cassida prasina*); Sheep's Sorrel – *Rumex acetosella* (beetles: *Apion rubens*, *Perapion marchicum*, *Rhinoncus castor*), and gorse – *Ulex* spp. (beetles: *Exapion ulicis*, *Sitona regensteinensis*). One of the weevils (*Cneorhinus plumbeus*) is associated with the scarce herb saw-wort (*Serratula tinctoria*), which occurs in the Gun Site area.

Spiders

Table 2A gives the summary of results of the spider trapping. Total numbers were somewhat lower than at other similar sites elsewhere in London, varying (for the seven grassland sites excluding Seven Islands (07 and 08) and site 06) from 241 to 649. The two Seven Islands sites were particularly disappointing only producing 121 and 175 spiders respectively.

In terms of species richness (No. of species) however, the grassland sites on the Common were very promising with a mean for the seven sites being almost 40. Selected other sites in the London area (Table 2B) show how unusual this is; only very rarely are scores of over 40 achieved for a 12-month trapping period, yet here this figure was reached at sites 03, 04, 05 and 09) as well as at the site under heather 06.

For grassland spiders a system of weighting giving different values to species of high conservation value and negative values for pioneer species characteristic of disturbed and damaged sites has been devised (Milner, 2005). It is based on national and regional local occurrence as well as degree of habitat specialisation. Applying this scoring system, a series of weighted scores (S1 and S2) are calculated. For the Common these scores were also higher than at most other London sites. What this means is that the conservation value of the species found is high, suggesting that the grassland surveyed is in good health.

From the last column in Table 2A it can be seen that the wolf spider *Pardosa pullata* is consistently the most abundant species from all the trap-sites, with the tiny Hahniid *Hahnia nava* being the second most abundant at four out of seven grassland sites. This alone suggests that the areas sampled are not badly disturbed by mowing, overgrazing or trampling. Grassland in public open spaces in London, even the more 'natural' ones often have an abundance of pioneer and disturbed ground species (which have negative scores) depressing

their S1 and S2 scores. Common pioneers (such as *Oedothorax fuscus*, *Erigone dentipalpis* and *Milleriana inerrans*) that thrive in disturbed grassland, are virtually absent on the surveyed parts of Mitcham Common. While this means that the total number of species (S in Tables 2A and 2B) may be one or two lower than would otherwise be the case, the weighted scores are higher.

As Tables 2A and 2B show, the weighted scores (S1 and S2) and Grassland Conservation Value (GCV) of several sites at Mitcham Common are among the highest so far recorded in London grasslands (although Table 2B does not show Hounslow Heath, or a number of other high quality sites trapped more recently). This is in spite of the fact that while the scarce *Centromerus incilium* is almost ubiquitous on the Common, particularly rare species with high scores such as *Tapinocyboides pygmaeus* or *Zelotes petrensis* have not been found.

Table 4 gives the data from each trap-site in detail. Some interesting differences between different parts of the Common are revealed. Among the grassland specialists the Notable *Centromerus incilium* was trapped at all sites except 08, and the relatively scarce *Agroeca inopina* at all sites except 07 and 08, and the scarce *Agroeca brunnea* was trapped at four sites: 03 and 04 at the Gun site, and both sites (09 and 10) at Mill house. *Argenna subnigra* was trapped in large numbers at Mill house (56 individuals!) and sparingly at the Gun-site and at site 06 under heather. This spider is very scarce in London and only found on relic acid grassland sites that have remained relatively undisturbed. The scarce grassland money spider *Ceratinopsis stativa* was trapped at Seven Islands and also at Mill house (09) but not elsewhere. The ant-associated species *Zelotes latreillei* was trapped at all 11 sites, and the second ant-associated species *Drassyllus pusillus* at all except the Seven Islands sites (too damp) and site 10. The gun-site area (sites 01-04 and 11) also had both the small ant-mimics *Micaria pulicaria* and *Phrurolithus festivus* as did site 09 (Mill House), whereas the rarer ant-associated *Steatoda phalerata* was trapped at two places on the Gun-site and both trap-sites on the golf course.

No important spiders were found exclusively at the Gun-site but some scarcer species absent from the Gun Site were found elsewhere. Two wolf spiders, *Pardosa nigriceps* and *Pardosa saltans* both occurred at the two golf-course sites and while two specimens of *P. nigriceps* were trapped at site 10 (Mill House), neither species was seen elsewhere. *Hahnina nava* was common everywhere, but at site 3 (Golf Course) and site 10 (Millhouse, a second, scarcer species *H. montana* was trapped. The uncommon wolf spider *Alopecosa cuneata* was trapped in the centre of the Gun-site (03 and 04) and a single specimen was taken at Seven Islands but it was not seen elsewhere. Two small crab-spiders *Ozyptila sanctuaria* and *O. simplex* were both trapped at most sites except Seven Islands (probably too damp). The rare (in London) *Haplodrassus signifer*, a relic grassland species *par excellence*, was trapped at three of the Gun-site trap sites and a single specimen was also taken at Mill House (site10).

4. Conclusions and implications for management and further study.

The main sites from Gun-site (trap-sites 01,02,03,04 and 11), the golf-course rough (site 05), and the two Mill-House sites are all good examples of old acid grassland assemblages with common ant-associated species (*Zelotes latreillei*, *Drassyllus pusillus*, and *Micaria pulicaria*), and a number of other species restricted (in the London area) to this habitat. Among these are several species that are uncommon or even rare in London: *Centromerus incilium*, *Steatoda phalerata*, *Haplodrassus signifer*, *Drassodes cupreus* and *Argenna subnigra* are all known only from a handful of such sites in the London area.

It is worth noting however that several of the rarer grassland specialists found at some old grassland sites in London have not been found at Mitcham Common. These include *Atypus affinis* (the Tube-Web Spider), other *Zelotes* spp., *Bianor aurocinctus* and *Tapinocyboides paygmaeus* etc)

Of the sites trapped, the Gun-site area is rich in grassland spiders, although few rarities are present. There is a good number of anthills and the grazing by rabbits maintains a diverse sward which is not (or only very slowly) reverting to woodland. The golf-course rough is potentially more interesting, partly because of the diverse vegetation, with patches of gorse as well as the areas of heather. The Mill house area scored highly (Table 2A) again due to the diversity of vegetation and lack of disturbance.

The most disappointing area was clearly Seven Islands. In November part of the area had been machine-mown, even though this is a damp area of well-developed *Deschampsia cespitosa* tussocks, which becomes waterlogged later in the winter. The spider fauna should be rich but was found to be considerably poorer than the other areas trapped. This is almost certainly due to periodic disturbance such as that caused by machine mowing.

The implications for management for all the areas investigated (except for Seven Islands) are that as far as possible the present conditions should be maintained. In general rabbits can be encouraged as they keep the sward diverse and in good condition for spiders and (to some extent) hold back bramble and discourage the establishment of tree seedlings. More specific recommendations are given below.

Gun-site

Some slow colonisation by oak is taking place in open areas in spite of the rabbits and this should be controlled by removing these young trees instead of coppicing them. Tree seedlings, which become established in thickets and among tall herbs should also be removed. Bramble invasion may also need to be discouraged. There is constant eutrophication of habitats in the London area generally and this is made worse by the excreta of dogs. This again may be a slow process but a damaging one still, so perhaps notices and dog waste bins could be placed at the entrance points, with the notices pointing out the damage that extra nitrogen and phosphorus will do.

During the survey period it was found that large orb-web spiders were very scarce or absent (although recorded by Morris, 1984 from unspecified parts of the Common). The possibility of reintroduction of *Larinioides cornutus* and *Araneus quadratus* should be considered.

Golf-course roughs

The sampling did not cover the main unmown parts of the golf-course but potentially these areas are very interesting, with patches of genuine dry heathland and further undisturbed acid grassland, as well as the gorse and heather. Maintaining a good age structure of both is important, and this should always include some over-mature areas which can act as reservoirs for numerous species of both insects and spiders. Further study of the golf course roughs is suggested, especially under gorse and in the larger dry areas of grass and any damp zones.

Seven Islands

This area was disappointing, due probably to the current mowing regime. The tussock areas should not be mown at all, although it may take a long time for the fauna to recover. Since the area becomes waterlogged in the winter many species will use the dead stems and seed stalks as places to overwinter or lay eggs. Dead fruiting stems may also become the preferred habitat of a number of spiders. Machine-mowing also causes ground disturbance and compaction, and effectively damages the entire ecosystem.

Mill house

Two areas were sampled: the area almost completely enclosed by gorse bushes near the main road, and an area of rough and fairly natural grass with anthills and tussocks to the east of the large meadow. The first site has a good development of dwarf gorse, excellent for spiders and a plant that effectively discourages most dogs! Both areas are in good condition, are very little disturbed and in spite of apparent absence of rabbits (?) there has been only limited invasion by oak. Bramble, on the other hand may be increasing and probably needs some attention. Additional planting of gorse is suggested, and possibly the development of some hedges of native woody plants, something that is lacking from much of the Common.

JEDM 28/11/2007

References

- Milner, J.E. 2005. Spiders from pitfall-traps as indicators of grassland conservation value. *Lond. Nat.* **84**: 139-159.
- Morris, R.K.A (ed) 1984. The ecology of Mitcham Common. A report for the Board of the Conservators of Mitcham Common (unpubl. report).
- Morris, R.K.A. 1991. Mitcham Common Invertebrate Survey No1. A study of the Diptera and Hymenoptera with observations on other invertebrate orders recorded in 1990. A report for the Board of the Conservators of Mitcham Common (unpubl. report).

Table 2A: Summary of pitfall results (spiders) at Mitcham Common.

Total spp. trapped: 86

All sites trapped for 12 months except: * Site 01: 8 months ** Site 11 : 7 months

S1, S2 and GCV values for these two sites are therefore not strictly valid for comparison and so appear in brackets. *** : not a grassland site

x = site where over 50% of all trapped species were found

Trap-site	Total No of spiders	Spp. trapped (S)	Weighted score (S1)	Weighted score (S2)	GCV	Most abundant species
01*	332	33	(96)	(83)	(290)	<i>Pardosa pullata</i> , <i>Hahnia nava</i>
02	419	35	101	87	288	<i>Pardosa pullata</i> , <i>Lepthyphantes tenuis</i>
11**	320	36	(83)	(63)	(230)	<i>Pardosa pullata</i> , <i>Lepthyphantes tenuis</i>
03	649	44x	130	113	295	<i>Pardosa pullata</i> , <i>Alopecosa pulverulenta</i>
04	483	41	109	91	265	<i>Pardosa pullata</i> , <i>Hahnia nava</i>
05	267	46x	103	83	224	<i>Pardosa pullata</i> , <i>Hahnia nava</i>
06	220	40	***	***	***	(<i>Pardosa pullata</i> , <i>Lepthyphantes ericaeus</i>)
07	121	28	45	28	161	<i>Lepthyphantes tenuis</i> , <i>Pardosa pullata</i>
08	175	26	60	46	230	<i>Trochosa terricola</i> , <i>Pirata uliginosus</i>
09	602	41	110	90	268	<i>Pardosa pullata</i> , <i>Hahnia nava</i>
10	241	38	90	73	237	<i>Pardosa pullata</i> , <i>Alopecosa pulverulenta</i>

Table 2B: Comparison with other similar grassland sites in the London area

MS = Management Strategy. Either grazed (usually by rabbits) G, or mown M.

* = average scores over 6+ years trapping

G = selected grassland species (wolf spiders)

W = five pioneer spp. (*Erigone* spp., *Oedothorax* spp. and *Milleriana inerrans*)

Trap-site	MS	year	total	S	S1	S2	GCV	G	W
'BAA14' Camp4 meadow	G	03-04	940	35	86	66	246	481	1
'GP006' Blackheath	-	03-04	1206	30	67*	53	223	302	15
'Yew' Brompton Cemetery	-	95	464	31	66	45	213	243	1
Pryors Field, Hampstead Heath	-	*	816	28	59	39	210		
'Area 4' Harmondsworth Moor	-	03-04	407	31	62*	41	200	282	1
Atypus slope, Hampstead Heath	G	*	602	29	48	26	165		
'Open' Barnes Common	?G	90	475	42	66	44	157	201	4
'018' Primrose Hill	M	02	428	27	39	24	144	3	165
'GP003' Greenwich Park	G	02-03	953	33	34	14	103	30	553
Kite Hill, Hampstead Heath	M	*	859	32	30	10	96		
'RP013' Regents Park	M	02	535	31	14	-2	45	45	127
'02' Kensington Gardens	G	94-95	238	27	7	-6	26	24	23
'Birch' Hyde Park	M	94-95	776	16	-1	-7	-	33	472
'Desch' Hyde Park	M	94-95	1418	17	-1	-8	-	119	102 9
'lawn' Crouch End	M	86-87	941	18	-3	-12	-	1	890

Table 3 Beetles (recorded during present survey)

Date given is that of first record for the locality
 First column is National Conservation Status (if any)
 Last column is author's refernce No.

=====

Carabidae		Ground Beetles	
	Acupalpus dubius	14/05/07	013538
	Amara aenea	15/04/07	013501
	Amara communis	12/03/07	013446
	Amara convexior	15/04/07	013501
	Amara eurynota	17/09/07	015883
	Amara familiaris	14/05/07	013533
	Amara lunicollis	14/07/07	015840
	Badister bullatus (=bipustulatus)	14/07/07	015837
	Bradycellus harpalinus	12/12/06	013285
	Bradycellus ruficollis	12/01/07	013386
	Bradycellus sharpi	15/11/07	016090
	Bradycellus verbasci	12/12/06	013288
	Calathus fuscipes	17/09/07	015883
	Calathus melanocephalus s s	12/12/06	013281
	Clivina fossor	15/04/07	013501
	Dromius linearis	14/07/07	015839
	Dromius melanocephalus	14/05/07	013539
	Harpalus affinis	17/09/07	015883
	Harpalus latus	14/07/07	015845
	Harpalus rubripes	18/08/07	015825
	Leistus ferrugineus	04/10/07	016055
	Notiophilus palustris	17/09/07	015883
	Notiophilus substriatus	14/05/07	013542
	Ophonus ?rupicola	14/07/07	015842
	Ophonus rufibarbis	14/07/07	015837
Nb	Panagaeus bipustulatus	14/07/07	015839
Nb	Platyderus ruficollis	14/05/07	013537
	Pterostichus madidus	12/12/06	013279
	Pterostichus melanarius	12/01/07	013380
	Synuchus vivalis	18/08/07	015825
	Trechus obtusus	04/10/07	016055
	Trechus quadristriatus	12/02/07	013418
Hydrophilidae			
	Megasternum concinnum	12/12/06	013279
Staphylinidae		Rove Beetles	
Nb	Acidota cruentata	12/12/06	013279
	Anotylus sculpturatus	12/02/07	013418
	Anthobium atrocephalum	12/02/07	013418
	Anthobium unicolor	12/12/06	013285
	Atheta brunneipennis	17/08/07	015827
	Bolitobius castaneus (=nalis)	12/03/07	013446
	Callicerus obscurus	12/03/07	013446
	Drusilla canaliculata	12/12/06	013280
	Falagria thoracica	14/07/07	015839
	Lathrobium fulvipenne	15/04/07	013501
	Leptusa ruficollis	14/05/07	013542
Nb	Liogluta pagana	15/11/07	016090
	Metopsia clypeata (=retusa)	12/01/07	013380
	Micropeplus staphylinoides	12/12/06	013280
	Mocyta (Atheta) fungi	17/09/07	015883
	Ocalea badia	12/12/06	013280
	Ocypus aeneocephalus	12/12/06	013279
	Ocypus olens	12/12/06	013279
	Olophrum piceum	15/11/07	016090

	<i>Othius angustus (=melanocephalus)</i>	14/05/07	013533
	<i>Othius laeviusculus</i>	17/09/07	015883
	<i>Othius myrmecophilus</i>	12/03/07	013446
	<i>Othius punctulatus</i>	12/12/06	013280
	<i>Philonthus cognatus</i>	17/08/07	015826
	<i>Platydracus stercorarius</i>	14/07/07	015837
	<i>Quedius boops</i>	12/12/06	013279
	<i>Quedius curtipennis</i>	12/12/06	013285
	<i>Quedius persimilis</i>	17/09/07	015883
	<i>Quedius semiobscurus</i>	12/12/06	013279
	<i>Stenus aceris</i>	15/11/07	016090
	<i>Stenus brunnipes</i>	12/03/07	013446
	<i>Stenus clavicornis</i>	12/12/06	013280
	<i>Stenus ossium</i>	12/12/06	013279
	<i>Stenus picipes</i>	12/12/06	013279
	<i>Stenus subaeneus</i>	12/01/07	013380
	<i>Tachinus marginellus</i>	12/03/07	013446
	<i>Tachinus signatus</i>	14/07/07	015837
	<i>Tachyporus chrysomelinus</i>	12/03/07	013446
	<i>Tachyporus dispar</i>	12/12/06	013285
	<i>Tachyporus hypnorum</i>	12/12/06	013285
	<i>Tachyporus nitidulus</i>	14/07/07	015837
	<i>Tachyporus pusillus</i>	14/07/07	015840
	<i>Tasgius melanarius</i>	04/10/07	016055
	<i>Tinotus morion</i>	17/08/07	015830
	<i>Xantholinus elegans</i>	17/08/07	015827
	<i>Xantholinus linearis</i>	12/12/06	013279
	<i>Xantholinus longiventris</i>	12/12/06	013279
Coccinellidae Ladybirds			
Na	<i>Platynaspis luteorubra</i>	14/05/07	013540
	<i>Rhizobius litura</i>	14/05/07	013534
	<i>Scymnus frontalis</i>	14/05/07	013540
	<i>Subcoccinella 24-punctata</i>	15/04/07	013501
Nitidulidae			
	<i>Epuraea aestiva</i>	14/05/07	013534
Lathridiidae			
	<i>Corticaria impressa</i>	14/05/07	013542
	<i>Enicmus transversus</i>	15/04/07	013502
Cryptophagidae			
	<i>Cryptophagus lycoperdi</i>	15/11/07	016090
	<i>Cryptophagus setulosus</i>	14/05/07	013540
	<i>Cryptopleurum minutum</i>	17/09/07	015883
Byrrhidae Pill Beetles			
	<i>Byrrhus pilula</i>	12/03/07	013446
	<i>Simplocaria semistriata</i>	12/01/07	013386
Scarabaeidae Scarab Beetles			
	<i>Aphodius foetius</i>	17/09/07	015883
Elateridae Click Beetles			
	<i>Agriotes obscurus</i>	14/05/07	013542
	<i>Agriotes sputator</i>	12/03/07	013446
Chrysomelidae Flower Beetles			
	<i>Altica oleracea</i>	12/03/07	013446
	<i>Altica palustris</i>	04/10/07	016055
	<i>Aphthona euphorbiae</i>	14/05/07	013540
Nb	<i>Cassida prasina</i>	14/05/07	013533
	<i>Chaetocnema concinna</i>	17/09/07	015883

	Chaetocnema hortensis	15/04/07	013501
	Galeruca tanaceti	16/09/06	012919
Nb	Longitarsus dorsalis	12/12/06	013279
	Longitarsus flavicornis	16/09/06	012919
Na	Longitarsus luridus	12/12/06	013288
	Longitarsus melanocephalus	17/08/07	015830
	Longitarsus pratensis	12/12/06	013279
	Longitarsus rubiginosus	12/12/06	013279
	Neocrepidodera ferruginea	17/09/07	015883
	Sermylassa halensis	17/09/07	015883
	Sphaeroderma rubidum	04/10/07	016055
Leiodidae			
	Agathidium nigrinum	12/12/06	013285
	Catops fuliginosus	12/12/06	013279
	Catops morio	17/09/07	015883
	Catops nigricans	12/12/06	013288
	Choleva agilis	12/12/06	013279
	Nargus velox	12/12/06	013285
	Ptomaphagus subvillosus	15/04/07	013501
	Sciodrepoides watsoni	17/08/07	015826
Apionidae		Tiny Weevils	
	Apion haematodes	12/02/07	013418
	Apion rubens	14/05/07	013532
	Exapion ulicis	11/11/06	013194
	Oxystoma pomonae	11/11/06	013194
	Perapion marchicum	15/04/07	013501
Curculionidae		Weevils	
	Acalles misellus	12/01/07	013380
	Caenopsis waltoni	12/01/07	013386
Na	Ceutorhynchus atomus	14/05/07	013542
	Ceutorhynchus minutus	15/04/07	013502
Nb	Cneorhinus plumbeus	14/05/07	013535
	Dorytomus taeniatus	12/02/07	013418
	Hypera arator	14/05/07	013532
	Hypera postica	16/09/06	012919
	Nedyus quadrimaculatus	14/05/07	013534
	Neliocarus sus	12/01/07	013386
	Otiorhynchus ovatus	16/09/06	012919
Nb	Otiorhynchus raucus	15/04/07	013502
	Otiorhynchus sulcatus	14/05/07	013535
	Rhinoncus castor	14/05/07	013533
	Rhinoncus pericarpus	14/05/07	013534
	Sciaphilus asperatus	14/05/07	013535
	Sitona cambricus	15/04/07	013501
	Sitona hispidulus	12/12/06	013279
	Sitona lepidus	17/09/07	015883
	Sitona lineatus	12/03/07	013446
	Sitona regensteiniensis	16/09/06	012919
	Strophosoma melanogrammum	12/01/07	013386
	Trachyphloeus angustisetulus	12/12/06	013279
	Trachyphloeus bifoveolatus	16/09/06	012919
	Trachyphloeus scabriculus	15/04/07	013502
	Trichosirocalus troglodytes	14/05/07	013534

Table 4 : Spider catch by trap-site

First column is weighted score (Milner, 2005)

Spider name, No of males, No of females, total, reference no, date

MC001 Gun Site west 1

3	Enoplognatha thoracica	5	1	6	015641/003	14/06/2007
3	Enoplognatha thoracica	2	0	2	013532/005	14/05/2007
				8		
1	Walckenaeria antica	0	1	1	015641/010	14/06/2007
1	Walckenaeria antica	0	2	2	015839/004	14/07/2007
				3		
3	Dicymbium brevisetosum	0	1	1	015641/014	14/06/2007
				1		
5	Cnephalocotes obscurus	1	0	1	013500/005	15/04/2007
				1		
6	Tapinocyba praecox	4	0	4	013287/003	12/12/2006
				4		
4	Panamomops sulcifrons	0	1	1	015641/016	14/06/2007
4	Panamomops sulcifrons	1	0	1	013532/010	14/05/2007
				2		
-3	Erigone dentipalpis	1	0	1	013287/006	12/12/2006
-3	Erigone dentipalpis	1	0	1	013378/003	12/01/2007
-3	Erigone dentipalpis	1	0	1	015839/002	14/07/2007
				3		
-3	Erigone atra	1	0	1	013378/004	12/01/2007
-3	Erigone atra	1	0	1	013418/003	12/02/2007
				2		
4	Meioneta beata	1	0	1	013448/006	12/03/2007
4	Meioneta beata	0	1	1	013500/007	15/04/2007
4	Meioneta beata	1	1	2	015641/015	14/06/2007
4	Meioneta beata	2	0	2	013532/012	14/05/2007
4	Meioneta beata	0	2	2	015839/008	14/07/2007
				8		
1	Centromerus dilutus	1	0	1	013287/004	12/12/2006
				1		
8	Centromerus incilium	6	1	7	013378/006	12/01/2007
8	Centromerus incilium	1	0	1	013418/001	12/02/2007
8	Centromerus incilium	1	0	1	013448/003	12/03/2007
8	Centromerus incilium	0	3	3	013500/006	15/04/2007
8	Centromerus incilium	0	1	1	013532/013	14/05/2007
				13		
1	Centromerita bicolor	2	1	3	013287/002	12/12/2006
				3		
3	Centromerita concinna	1	0	1	013287/008	12/12/2006
				1		
0	Bathyphantes gracilis	3	0	3	013287/005	12/12/2006
0	Bathyphantes gracilis	1	0	1	013378/005	12/01/2007
0	Bathyphantes gracilis	0	1	1	015641/013	14/06/2007
0	Bathyphantes gracilis	0	1	1	015839/007	14/07/2007
				6		
1	Bathyphantes parvulus	0	1	1	013448/005	12/03/2007
				1		
-1	Lepthyphantes tenuis	1	1	2	013287/007	12/12/2006
-1	Lepthyphantes tenuis	1	1	2	013418/002	12/02/2007
-1	Lepthyphantes tenuis	0	2	2	015641/011	14/06/2007
-1	Lepthyphantes tenuis	0	1	1	013532/011	14/05/2007

-1	<i>Lepthyphantes tenuis</i>	1	1	2	015839/006	14/07/2007
				9		
	<i>Lepthyphantes flavipes</i>	3	3	6	013378/001	12/01/2007
				6		
1	<i>Lepthyphantes ericaeus</i>	1	0	1	015839/009	14/07/2007
				1		
3	<i>Microlinyphia pusilla</i>	1	1	2	013500/008	15/04/2007
				2		
2	<i>Pardosa pullata</i>	33	12	45	013500/003	15/04/2007
2	<i>Pardosa pullata</i>	17	17	34	015641/002	14/06/2007
2	<i>Pardosa pullata</i>	24	15	39	013532/002	14/05/2007
2	<i>Pardosa pullata</i>	4	6	10	015839/001	14/07/2007
				128		
2	<i>Alopecosa pulverulenta</i>	0	1	1	013500/004	15/04/2007
2	<i>Alopecosa pulverulenta</i>	5	1	6	013532/001	14/05/2007
2	<i>Alopecosa pulverulenta</i>	0	1	1	015839/003	14/07/2007
				8		
2	<i>Trochosa terricola</i>	1	0	1	013448/001	12/03/2007
2	<i>Trochosa terricola</i>	8	2	10	013500/001	15/04/2007
2	<i>Trochosa terricola</i>	0	1	1	015641/004	14/06/2007
2	<i>Trochosa terricola</i>	4	0	4	013532/003	14/05/2007
				16		
5	<i>Pirata uliginosus</i>	6	0	6	015641/006	14/06/2007
5	<i>Pirata uliginosus</i>	1	0	1	013532/014	14/05/2007
				7		
3	<i>Hahnia nava</i>	0	1	1	013448/002	12/03/2007
3	<i>Hahnia nava</i>	28	0	28	015641/005	14/06/2007
3	<i>Hahnia nava</i>	24	2	26	013532/006	14/05/2007
				55		
5	<i>Argenna subnigra</i>	3	0	3	015641/009	14/06/2007
				3		
7	<i>Agroeca inopina</i>	0	5	5	013287/001	12/12/2006
7	<i>Agroeca inopina</i>	0	3	3	013378/002	12/01/2007
7	<i>Agroeca inopina</i>	0	1	1	013448/004	12/03/2007
				9		
5	<i>Clubiona diversa</i>	0	1	1	015641/012	14/06/2007
5	<i>Clubiona diversa</i>	1	0	1	013532/009	14/05/2007
				2		
6	<i>Drassodes cupreus</i>	1	0	1	015839/005	14/07/2007
				1		
5	<i>Zelotes latreillei</i>	2	0	2	013500/002	15/04/2007
5	<i>Zelotes latreillei</i>	1	1	2	013532/007	14/05/2007
				4		
6	<i>Drassyllus pusillus</i>	6	2	8	015641/001	14/06/2007
6	<i>Drassyllus pusillus</i>	11	1	12	013532/004	14/05/2007
				20		
3	<i>Zora spinimana</i>	1	0	1	015641/008	14/06/2007
				1		
6	<i>Ozyptila simplex</i>	2	0	2	015641/007	14/06/2007
				2		
2	<i>Euophrys frontalis</i>	0	1	1	013532/008	14/05/2007
				1		
	total			332		

MC002 Gun Site west 2

7	<i>Steatoda phalerata</i>	1	0	1	013533/015	14/05/2007
					1	
3	<i>Enoplognatha thoracica</i>	2	0	2	013533/007	14/05/2007
3	<i>Enoplognatha thoracica</i>	0	1	1	015829/006	17/08/2007
3	<i>Enoplognatha thoracica</i>	1	0	1	015844/008	14/07/2007
					4	
1	<i>Walckenaeria antica</i>	1	0	1	013533/013	14/05/2007
1	<i>Walckenaeria antica</i>	0	6	6	015829/005	17/08/2007
1	<i>Walckenaeria antica</i>	0	7	7	015844/010	14/07/2007
					14	
1	<i>Pocadicnemis juncea</i>	1	0	1	013533/011	14/05/2007
1	<i>Pocadicnemis juncea</i>	0	1	1	015829/014	17/08/2007
					2	
-3	<i>Oedothorax retusus</i>	1	0	1	015829/011	17/08/2007
					1	
6	<i>Tapinocyba praecox</i>	1	0	1	013286/005	12/12/2006
6	<i>Tapinocyba praecox</i>	2	0	2	013379/006	12/01/2007
6	<i>Tapinocyba praecox</i>	1	0	1	013419/003	12/02/2007
					4	
4	<i>Panamomops sulcifrons</i>	1	0	1	015844/012	14/07/2007
					1	
-3	<i>Erigone atra</i>	1	0	1	013379/005	12/01/2007
-3	<i>Erigone atra</i>	4	0	4	013419/001	12/02/2007
-3	<i>Erigone atra</i>	1	0	1	015829/007	17/08/2007
					6	
4	<i>Meioneta beata</i>	1	0	1	013503/006	15/04/2007
4	<i>Meioneta beata</i>	1	0	1	013533/014	14/05/2007
4	<i>Meioneta beata</i>	11	5	16	015829/012	17/08/2007
					18	
1	<i>Centromerus sylvaticus</i>	1	0	1	016083/004	15/11/2007
					1	
8	<i>Centromerus incilium</i>	4	1	5	013379/001	12/01/2007
8	<i>Centromerus incilium</i>	2	0	2	013419/004	12/02/2007
8	<i>Centromerus incilium</i>	1	0	1	013503/005	15/04/2007
8	<i>Centromerus incilium</i>	0	1	1	013533/010	14/05/2007
8	<i>Centromerus incilium</i>	0	1	1	016083/005	15/11/2007
					10	
1	<i>Centromerita bicolor</i>	2	0	2	013379/002	12/01/2007
1	<i>Centromerita bicolor</i>	0	2	2	013447/002	12/03/2007
					4	
3	<i>Centromerita concinna</i>	3	0	3	013286/004	12/12/2006
					3	
0	<i>Bathyphantes gracilis</i>	2	0	2	013286/002	12/12/2006
0	<i>Bathyphantes gracilis</i>	1	0	1	015829/009	17/08/2007
					3	
1	<i>Bathyphantes parvulus</i>	0	1	1	013379/004	12/01/2007
1	<i>Bathyphantes parvulus</i>	0	1	1	013447/003	12/03/2007
					2	
-1	<i>Lepthyphantes tenuis</i>	1	0	1	013286/003	12/12/2006
-1	<i>Lepthyphantes tenuis</i>	1	2	3	013379/003	12/01/2007
-1	<i>Lepthyphantes tenuis</i>	0	1	1	013447/001	12/03/2007
-1	<i>Lepthyphantes tenuis</i>	2	8	10	015829/004	17/08/2007
-1	<i>Lepthyphantes tenuis</i>	2	6	8	015844/011	14/07/2007
-1	<i>Lepthyphantes tenuis</i>	0	1	1	015986/005	17/09/2007
-1	<i>Lepthyphantes tenuis</i>	1	1	2	016052/003	04/10/2007

-1	<i>Lepthyphantes tenuis</i>	5	5	10	016083/003	15/11/2007
				36		
1	<i>Lepthyphantes ericaeus</i>	0	1	1	015829/013	17/08/2007
1	<i>Lepthyphantes ericaeus</i>	0	1	1	016052/004	04/10/2007
1	<i>Lepthyphantes ericaeus</i>	1	0	1	016083/001	15/11/2007
				3		
1	<i>Pachygnatha degeeri</i>	1	1	2	013419/002	12/02/2007
1	<i>Pachygnatha degeeri</i>	0	1	1	015829/003	17/08/2007
1	<i>Pachygnatha degeeri</i>	1	0	1	016052/002	04/10/2007
				4		
	<i>Argiope bruennichi</i>	1	0	1	015829/010	17/08/2007
				1		
2	<i>Pardosa pullata</i>	29	2	31	013503/002	15/04/2007
2	<i>Pardosa pullata</i>	39	30	69	013533/002	14/05/2007
2	<i>Pardosa pullata</i>	0	11	11	015829/001	17/08/2007
2	<i>Pardosa pullata</i>	16	34	50	015844/001	14/07/2007
2	<i>Pardosa pullata</i>	0	1	1	015986/001	17/09/2007
				162		
2	<i>Alopecosa pulverulenta</i>	0	6	6	013503/003	15/04/2007
2	<i>Alopecosa pulverulenta</i>	20	4	24	013533/003	14/05/2007
2	<i>Alopecosa pulverulenta</i>	3	0	3	015844/003	14/07/2007
				33		
2	<i>Trochosa terricola</i>	26	3	29	013503/001	15/04/2007
2	<i>Trochosa terricola</i>	3	0	3	013533/001	14/05/2007
2	<i>Trochosa terricola</i>	0	1	1	015844/006	14/07/2007
2	<i>Trochosa terricola</i>	0	1	1	015986/003	17/09/2007
2	<i>Trochosa terricola</i>	1	0	1	016052/001	04/10/2007
				35		
5	<i>Pirata uliginosus</i>	3	0	3	015844/007	14/07/2007
				3		
3	<i>Hahnia nava</i>	10	3	13	013533/009	14/05/2007
3	<i>Hahnia nava</i>	1	1	2	015829/008	17/08/2007
3	<i>Hahnia nava</i>	7	0	7	015844/009	14/07/2007
				22		
5	<i>Argenna subnigra</i>	3	2	5	013533/006	14/05/2007
				5		
5	<i>Agroeca proxima</i>	6	1	7	016083/002	15/11/2007
				7		
7	<i>Agroeca inopina</i>	0	2	2	013286/001	12/12/2006
				2		
6	<i>Drassodes cupreus</i>	0	1	1	013533/005	14/05/2007
6	<i>Drassodes cupreus</i>	0	1	1	015829/002	17/08/2007
				2		
6	<i>Haplodrassus signifer</i>	0	1	1	015844/002	14/07/2007
				1		
5	<i>Zelotes latreillei</i>	0	1	1	013503/004	15/04/2007
5	<i>Zelotes latreillei</i>	1	0	1	013533/008	14/05/2007
5	<i>Zelotes latreillei</i>	1	0	1	015986/002	17/09/2007
				3		
6	<i>Drassyllus pusillus</i>	7	0	7	013533/004	14/05/2007
6	<i>Drassyllus pusillus</i>	7	2	9	015844/005	14/07/2007
				16		
1	<i>Xysticus cristatus</i>	1	0	1	013533/012	14/05/2007
				1		
5	<i>Ozyptila sanctuaria</i>	1	0	1	015986/004	17/09/2007
				1		
6	<i>Ozyptila simplex</i>	7	1	8	015844/004	14/07/2007
				8		

total 419

MC003 Gun Site centre 1

7	<i>Steatoda phalerata</i>	1	0	1	013534/013	14/05/2007
					1	
3	<i>Enoplognatha thoracica</i>	2	0	2	015634/006	14/06/2007
					2	
1	<i>Walckenaeria antica</i>	1	0	1	015634/012	14/06/2007
1	<i>Walckenaeria antica</i>	0	1	1	015826/009	17/08/2007
1	<i>Walckenaeria antica</i>	0	1	1	015842/006	14/07/2007
					3	
4	<i>Dicymbium nigrum</i>	1	0	1	013511/015	15/04/2007
					1	
3	<i>Dicymbium brevisetosum</i>	1	0	1	013420/005	12/02/2007
					1	
4	<i>Pelecopsis parallela</i>	1	1	2	015634/017	14/06/2007
4	<i>Pelecopsis parallela</i>	6	1	7	015842/009	14/07/2007
					9	
5	<i>Cnephalocotes obscurus</i>	0	1	1	016084/005	15/11/2007
					1	
6	<i>Tapinocyba praecox</i>	0	2	2	015634/015	14/06/2007
					2	
1	<i>Micrargus subaequalis</i>	1	0	1	015842/010	14/07/2007
					1	
0	<i>Erigonella hiemalis</i>	1	0	1	013511/016	15/04/2007
					1	
4	<i>Panamomops sulcifrons</i>	2	1	3	013511/012	15/04/2007
4	<i>Panamomops sulcifrons</i>	2	0	2	015634/011	14/06/2007
4	<i>Panamomops sulcifrons</i>	5	1	6	013534/015	14/05/2007
					11	
-3	<i>Erigone dentipalpis</i>	1	0	1	013380/006	12/01/2007
-3	<i>Erigone dentipalpis</i>	0	1	1	015826/010	17/08/2007
					2	
-3	<i>Erigone atra</i>	2	0	2	013380/005	12/01/2007
					2	
4	<i>Meioneta beata</i>	2	0	2	013511/013	15/04/2007
4	<i>Meioneta beata</i>	1	1	2	013534/017	14/05/2007
4	<i>Meioneta beata</i>	1	0	1	015826/012	17/08/2007
					5	
	<i>Microneta viaria</i>	1	0	1	013511/008	15/04/2007
	<i>Microneta viaria</i>	1	0	1	015634/016	14/06/2007
					2	
1	<i>Centromerus sylvaticus</i>	0	1	1	016084/006	15/11/2007
					1	
8	<i>Centromerus incilium</i>	4	3	7	013380/002	12/01/2007
8	<i>Centromerus incilium</i>	4	1	5	013420/002	12/02/2007
8	<i>Centromerus incilium</i>	2	1	3	013443/003	12/03/2007
8	<i>Centromerus incilium</i>	3	4	7	013511/014	15/04/2007
8	<i>Centromerus incilium</i>	0	2	2	013534/016	14/05/2007
8	<i>Centromerus incilium</i>	0	1	1	016084/003	15/11/2007
					25	
1	<i>Centromerita bicolor</i>	1	1	2	013279/005	12/12/2006
1	<i>Centromerita bicolor</i>	7	5	12	013380/003	12/01/2007
1	<i>Centromerita bicolor</i>	2	0	2	013420/003	12/02/2007
					16	
0	<i>Bathyphantes gracilis</i>	1	0	1	013279/004	12/12/2006
					1	
-1	<i>Lepthyphantes tenuis</i>	0	1	1	013279/003	12/12/2006

-1	<i>Lepthyphantes tenuis</i>	0	2	2	013380/007	12/01/2007
-1	<i>Lepthyphantes tenuis</i>	0	1	1	013420/004	12/02/2007
-1	<i>Lepthyphantes tenuis</i>	2	2	4	013511/011	15/04/2007
-1	<i>Lepthyphantes tenuis</i>	1	2	3	015634/019	14/06/2007
-1	<i>Lepthyphantes tenuis</i>	3	8	11	015826/006	17/08/2007
-1	<i>Lepthyphantes tenuis</i>	1	3	4	015842/007	14/07/2007
-1	<i>Lepthyphantes tenuis</i>	1	2	3	015983/005	17/09/2007
-1	<i>Lepthyphantes tenuis</i>	9	5	14	016084/001	15/11/2007
				43		
1	<i>Lepthyphantes mengei</i>	3	0	3	016084/007	15/11/2007
				3		
1	<i>Lepthyphantes ericaeus</i>	0	1	1	016084/002	15/11/2007
				1		
3	<i>Microlinyphia pusilla</i>	0	1	1	015826/011	17/08/2007
				1		
1	<i>Pachygnatha degeeri</i>	1	2	3	013511/009	15/04/2007
1	<i>Pachygnatha degeeri</i>	1	2	3	015634/003	14/06/2007
1	<i>Pachygnatha degeeri</i>	1	4	5	013534/004	14/05/2007
				11		
1	<i>Pardosa palustris</i>	2	0	2	013534/011	14/05/2007
				2		
2	<i>Pardosa pullata</i>	10	2	12	013511/006	15/04/2007
2	<i>Pardosa pullata</i>	47	18	65	015634/001	14/06/2007
2	<i>Pardosa pullata</i>	47	13	60	013534/003	14/05/2007
2	<i>Pardosa pullata</i>	1	2	3	015826/001	17/08/2007
2	<i>Pardosa pullata</i>	11	19	30	015842/001	14/07/2007
2	<i>Pardosa pullata</i>	0	2	2	015983/004	17/09/2007
				172		
2	<i>Alopecosa pulverulenta</i>	7	2	9	013511/003	15/04/2007
2	<i>Alopecosa pulverulenta</i>	2	0	2	015634/002	14/06/2007
2	<i>Alopecosa pulverulenta</i>	58	10	68	013534/001	14/05/2007
2	<i>Alopecosa pulverulenta</i>	0	2	2	015842/002	14/07/2007
				81		
5	<i>Alopecosa cuneata</i>	7	1	8	013511/002	15/04/2007
5	<i>Alopecosa cuneata</i>	13	0	13	013534/006	14/05/2007
				21		
2	<i>Trochosa terricola</i>	1	0	1	013443/001	12/03/2007
2	<i>Trochosa terricola</i>	41	1	42	013511/001	15/04/2007
2	<i>Trochosa terricola</i>	10	1	11	013534/002	14/05/2007
2	<i>Trochosa terricola</i>	1	2	3	016050/001	04/10/2007
				57		
4	<i>Agelena labyrinthica</i>	1	1	2	015634/007	14/06/2007
				2		
3	<i>Hahnia nava</i>	0	6	6	013511/010	15/04/2007
3	<i>Hahnia nava</i>	30	3	33	015634/010	14/06/2007
3	<i>Hahnia nava</i>	22	4	26	013534/008	14/05/2007
3	<i>Hahnia nava</i>	0	2	2	015826/005	17/08/2007
3	<i>Hahnia nava</i>	5	0	5	015842/011	14/07/2007
				72		
6	<i>Agroeca brunnea</i>	0	1	1	013511/005	15/04/2007
				1		
5	<i>Agroeca proxima</i>	0	3	3	013279/001	12/12/2006
5	<i>Agroeca proxima</i>	0	1	1	013380/004	12/01/2007
5	<i>Agroeca proxima</i>	9	1	10	016084/004	15/11/2007
				14		
7	<i>Agroeca inopina</i>	0	3	3	013279/002	12/12/2006
7	<i>Agroeca inopina</i>	0	2	2	013380/001	12/01/2007
7	<i>Agroeca inopina</i>	7	0	7	013420/001	12/02/2007

7	Agroeca inopina	0	4	4	013443/002	12/03/2007
7	Agroeca inopina	0	2	2	013511/007	15/04/2007
7	Agroeca inopina	4	0	4	016050/002	04/10/2007
				22		
5	Clubiona diversa	0	1	1	015826/007	17/08/2007
				1		
6	Drassodes cupreus	1	0	1	015634/004	14/06/2007
6	Drassodes cupreus	0	1	1	013534/007	14/05/2007
6	Drassodes cupreus	0	1	1	015826/004	17/08/2007
6	Drassodes cupreus	0	1	1	015983/001	17/09/2007
				4		
6	Haplodrassus signifer	1	0	1	015634/005	14/06/2007
6	Haplodrassus signifer	1	0	1	013534/009	14/05/2007
6	Haplodrassus signifer	0	1	1	015842/005	14/07/2007
				3		
5	Zelotes latreillei	2	1	3	013511/004	15/04/2007
5	Zelotes latreillei	2	1	3	015634/008	14/06/2007
5	Zelotes latreillei	2	0	2	013534/010	14/05/2007
5	Zelotes latreillei	1	1	2	015826/002	17/08/2007
5	Zelotes latreillei	0	1	1	015842/003	14/07/2007
5	Zelotes latreillei	5	4	9	015983/002	17/09/2007
				20		
6	Drassyllus pusillus	8	0	8	015634/009	14/06/2007
6	Drassyllus pusillus	7	0	7	013534/005	14/05/2007
6	Drassyllus pusillus	0	1	1	015826/008	17/08/2007
6	Drassyllus pusillus	1	1	2	015842/004	14/07/2007
				18		
1	Micaria pulicaria	1	0	1	013534/014	14/05/2007
				1		
1	Xysticus cristatus	0	1	1	013534/012	14/05/2007
1	Xysticus cristatus	0	1	1	015826/003	17/08/2007
				2		
5	Ozyptila sanctuaria	0	1	1	015634/018	14/06/2007
5	Ozyptila sanctuaria	6	0	6	015983/003	17/09/2007
				7		
6	Ozyptila simplex	1	0	1	015634/013	14/06/2007
6	Ozyptila simplex	1	0	1	015842/008	14/07/2007
				2		
2	Heliophanus flavipes	1	0	1	015634/014	14/06/2007
				1		
	total			649		

MC004 Gun Site centre 2

3	Enoplognatha thoracica	6	1	7	015639/010	14/06/2007
3	Enoplognatha thoracica	2	0	2	013535/011	14/05/2007
				9		
1	Walckenaeria acuminata	1	0	1	013282/001	12/12/2006
1	Walckenaeria acuminata	0	2	2	013504/005	15/04/2007
				3		
1	Walckenaeria antica	1	0	1	013381/006	12/01/2007
1	Walckenaeria antica	2	0	2	013421/006	12/02/2007
1	Walckenaeria antica	0	1	1	013504/007	15/04/2007
1	Walckenaeria antica	0	2	2	015639/011	14/06/2007
1	Walckenaeria antica	0	3	3	013535/016	14/05/2007
1	Walckenaeria antica	0	3	3	015833/002	17/08/2007
1	Walckenaeria antica	1	0	1	016054/003	04/10/2007
				13		
3	Dicymbium brevisetosum	0	1	1	013504/010	15/04/2007
				1		
1	Pocadicnemis juncea	0	2	2	015639/014	14/06/2007
1	Pocadicnemis juncea	7	3	10	013535/013	14/05/2007
				12		
4	Pelecopsis parallela	1	1	2	015840/010	14/07/2007
4	Pelecopsis parallela	1	0	1	016054/006	04/10/2007
				3		
2	Gongylidiellum vivum	1	0	1	016054/004	04/10/2007
				1		
1	Micrargus herbigradus s s	0	1	1	016091/005	15/11/2007
				1		
4	Panamomops sulcifrons	3	0	3	013535/012	14/05/2007
				3		
-3	Erigone dentipalpis	1	0	1	013282/006	12/12/2006
				1		
-3	Erigone atra	0	1	1	013445/002	12/03/2007
				1		
	Meioneta mollis	0	1	1	015639/015	14/06/2007
				1		
	Microneta viaria	1	0	1	013535/009	14/05/2007
				1		
8	Centromerus incilium	1	3	4	013282/007	12/12/2006
8	Centromerus incilium	17	1	18	013381/004	12/01/2007
8	Centromerus incilium	4	1	5	013421/004	12/02/2007
8	Centromerus incilium	1	0	1	013445/001	12/03/2007
8	Centromerus incilium	0	2	2	013535/015	14/05/2007
				30		
1	Centromerita bicolor	4	2	6	013282/003	12/12/2006
1	Centromerita bicolor	2	2	4	013381/002	12/01/2007
1	Centromerita bicolor	0	2	2	013421/001	12/02/2007
				12		
3	Centromerita concinna	0	1	1	013535/018	14/05/2007
				1		
0	Bathyphantes gracilis	3	0	3	013282/005	12/12/2006
0	Bathyphantes gracilis	0	1	1	013421/005	12/02/2007
				4		
1	Bathyphantes parvulus	1	0	1	013381/005	12/01/2007
				1		
-1	Lepthyphantes tenuis	2	0	2	013282/008	12/12/2006
-1	Lepthyphantes tenuis	0	1	1	013504/008	15/04/2007
-1	Lepthyphantes tenuis	2	2	4	015639/013	14/06/2007

-1	<i>Lepthyphantes tenuis</i>	1	3	4	015833/006	17/08/2007
-1	<i>Lepthyphantes tenuis</i>	0	7	7	015840/006	14/07/2007
-1	<i>Lepthyphantes tenuis</i>	1	1	2	015987/006	17/09/2007
-1	<i>Lepthyphantes tenuis</i>	2	0	2	016054/002	04/10/2007
-1	<i>Lepthyphantes tenuis</i>	3	2	5	016091/001	15/11/2007
				27		
	<i>Lepthyphantes flavipes</i>	0	1	1	013381/003	12/01/2007
				1		
1	<i>Lepthyphantes ericaeus</i>	1	0	1	013282/004	12/12/2006
1	<i>Lepthyphantes ericaeus</i>	0	1	1	016091/002	15/11/2007
				2		
1	<i>Pachygnatha degeeri</i>	0	1	1	013504/006	15/04/2007
1	<i>Pachygnatha degeeri</i>	1	1	2	013535/008	14/05/2007
1	<i>Pachygnatha degeeri</i>	0	1	1	015987/005	17/09/2007
				4		
2	<i>Pardosa pullata</i>	18	7	25	013504/002	15/04/2007
2	<i>Pardosa pullata</i>	30	11	41	015639/003	14/06/2007
2	<i>Pardosa pullata</i>	25	21	46	013535/001	14/05/2007
2	<i>Pardosa pullata</i>	0	5	5	015833/005	17/08/2007
2	<i>Pardosa pullata</i>	3	14	17	015840/002	14/07/2007
2	<i>Pardosa pullata</i>	0	3	3	015987/004	17/09/2007
				137		
2	<i>Alopecosa pulverulenta</i>	1	1	2	013504/004	15/04/2007
2	<i>Alopecosa pulverulenta</i>	0	2	2	015639/008	14/06/2007
2	<i>Alopecosa pulverulenta</i>	8	5	13	013535/003	14/05/2007
				17		
5	<i>Alopecosa cuneata</i>	1	0	1	013535/004	14/05/2007
				1		
2	<i>Trochosa terricola</i>	1	0	1	013421/003	12/02/2007
2	<i>Trochosa terricola</i>	19	3	22	013504/001	15/04/2007
2	<i>Trochosa terricola</i>	9	3	12	013535/002	14/05/2007
2	<i>Trochosa terricola</i>	0	2	2	015833/003	17/08/2007
2	<i>Trochosa terricola</i>	0	1	1	015840/003	14/07/2007
2	<i>Trochosa terricola</i>	0	1	1	015987/003	17/09/2007
				39		
5	<i>Pirata uliginosus</i>	1	0	1	015639/012	14/06/2007
				1		
3	<i>Hahnia nava</i>	21	0	21	015639/001	14/06/2007
3	<i>Hahnia nava</i>	18	3	21	013535/010	14/05/2007
3	<i>Hahnia nava</i>	3	0	3	015840/004	14/07/2007
				45		
6	<i>Agroeca brunnea</i>	1	0	1	013445/003	12/03/2007
6	<i>Agroeca brunnea</i>	1	0	1	013504/009	15/04/2007
				2		
5	<i>Agroeca proxima</i>	8	1	9	016091/003	15/11/2007
				9		
7	<i>Agroeca inopina</i>	0	11	11	013282/002	12/12/2006
7	<i>Agroeca inopina</i>	0	10	10	013381/001	12/01/2007
7	<i>Agroeca inopina</i>	0	4	4	013421/002	12/02/2007
7	<i>Agroeca inopina</i>	3	1	4	016054/001	04/10/2007
7	<i>Agroeca inopina</i>	0	1	1	016091/004	15/11/2007
				30		
5	<i>Clubiona diversa</i>	0	1	1	015833/001	17/08/2007
				1		
6	<i>Drassodes cupreus</i>	0	1	1	015639/004	14/06/2007
6	<i>Drassodes cupreus</i>	1	0	1	013535/007	14/05/2007
6	<i>Drassodes cupreus</i>	0	1	1	015833/004	17/08/2007
6	<i>Drassodes cupreus</i>	0	1	1	015840/001	14/07/2007

				4		
6	Haplodrassus signifer	2	0	2	015639/005	14/06/2007
6	Haplodrassus signifer	1	0	1	013535/017	14/05/2007
6	Haplodrassus signifer	0	1	1	015840/007	14/07/2007
				4		
5	Zelotes latreillei	0	2	2	013504/003	15/04/2007
5	Zelotes latreillei	1	0	1	013535/005	14/05/2007
5	Zelotes latreillei	3	5	8	015987/001	17/09/2007
				11		
6	Drassyllus pusillus	11	1	12	015639/006	14/06/2007
6	Drassyllus pusillus	12	0	12	013535/006	14/05/2007
6	Drassyllus pusillus	1	5	6	015840/005	14/07/2007
				30		
1	Micaria pulicaria	1	0	1	013535/014	14/05/2007
				1		
3	Zora spinimana	0	1	1	015840/011	14/07/2007
				1		
1	Xysticus cristatus	0	1	1	015639/007	14/06/2007
				1		
5	Ozyptila sanctuaria	0	2	2	015639/009	14/06/2007
5	Ozyptila sanctuaria	1	1	2	015833/007	17/08/2007
5	Ozyptila sanctuaria	0	2	2	015840/009	14/07/2007
5	Ozyptila sanctuaria	2	1	3	015987/002	17/09/2007
5	Ozyptila sanctuaria	0	1	1	016054/005	04/10/2007
				10		
6	Ozyptila simplex	6	0	6	015639/002	14/06/2007
6	Ozyptila simplex	1	0	1	015840/008	14/07/2007
				7		
	total			483		

MC005 Golf Course 1

	Ero furcata	1	0	1	015988/006	17/09/2007
					1	
7	Steatoda phalerata	2	0	2	015635/005	14/06/2007
7	Steatoda phalerata	1	0	1	013536/005	14/05/2007
					3	
-2	Neottiura bimaculatum	2	1	3	015635/011	14/06/2007
-2	Neottiura bimaculatum	0	1	1	015832/003	17/08/2007
-2	Neottiura bimaculatum	0	2	2	015837/002	14/07/2007
					6	
3	Enoplognatha thoracica	3	0	3	015635/007	14/06/2007
					3	
1	Robertus lividus	1	1	2	015635/015	14/06/2007
1	Robertus lividus	1	0	1	013536/016	14/05/2007
					3	
1	Walckenaeria acuminata	1	0	1	013382/001	12/01/2007
1	Walckenaeria acuminata	0	1	1	013446/001	12/03/2007
1	Walckenaeria acuminata	0	1	1	013498/007	15/04/2007
1	Walckenaeria acuminata	0	1	1	015832/008	17/08/2007
1	Walckenaeria acuminata	0	1	1	016056/002	04/10/2007
					5	
1	Walckenaeria antica	0	1	1	015635/014	14/06/2007
1	Walckenaeria antica	0	1	1	013536/020	14/05/2007
					2	
1	Pocadicnemis juncea	13	4	17	015635/001	14/06/2007
1	Pocadicnemis juncea	3	0	3	013536/010	14/05/2007
1	Pocadicnemis juncea	0	4	4	015832/007	17/08/2007
1	Pocadicnemis juncea	0	1	1	015837/010	14/07/2007
1	Pocadicnemis juncea	0	1	1	016056/004	04/10/2007
					26	
5	Cnephalocotes obscurus	1	0	1	013498/001	15/04/2007
5	Cnephalocotes obscurus	1	0	1	015635/009	14/06/2007
5	Cnephalocotes obscurus	1	0	1	015832/009	17/08/2007
5	Cnephalocotes obscurus	1	0	1	015837/003	14/07/2007
5	Cnephalocotes obscurus	1	0	1	016090/003	15/11/2007
					5	
	Monocephalus fuscipes	1	0	1	013536/021	14/05/2007
					1	
0	Erigonella hiemalis	0	1	1	015635/013	14/06/2007
0	Erigonella hiemalis	2	0	2	013536/023	14/05/2007
					3	
	Diplocephalus picinus	3	0	3	013536/022	14/05/2007
					3	
4	Panamomops sulcifrons	1	0	1	013498/005	15/04/2007
					1	
4	Meioneta beata	0	1	1	015837/004	14/07/2007
					1	
	Microneta viaria	4	0	4	013536/012	14/05/2007
					4	
1	Centromerus sylvaticus	1	2	3	013382/004	12/01/2007
					3	
8	Centromerus incilium	3	0	3	013382/005	12/01/2007
8	Centromerus incilium	2	0	2	013422/001	12/02/2007
8	Centromerus incilium	1	1	2	013446/003	12/03/2007
8	Centromerus incilium	1	1	2	013498/006	15/04/2007
8	Centromerus incilium	0	1	1	015635/017	14/06/2007
8	Centromerus incilium	0	1	1	013536/019	14/05/2007

8	<i>Centromerus incilium</i>	0	1	1	016090/004	15/11/2007
					12	
0	<i>Bathypantes gracilis</i>	0	1	1	013382/006	12/01/2007
					1	
-2	<i>Diplostyla concolor</i>	0	1	1	015837/009	14/07/2007
-2	<i>Diplostyla concolor</i>	0	1	1	015988/005	17/09/2007
-2	<i>Diplostyla concolor</i>	2	0	2	016090/002	15/11/2007
					4	
1	<i>Stemonyphantes lineatus</i>	0	1	1	013382/002	12/01/2007
					1	
-1	<i>Lepthyphantes tenuis</i>	1	1	2	013382/003	12/01/2007
-1	<i>Lepthyphantes tenuis</i>	0	1	1	013446/002	12/03/2007
-1	<i>Lepthyphantes tenuis</i>	0	1	1	015832/004	17/08/2007
-1	<i>Lepthyphantes tenuis</i>	0	1	1	015988/003	17/09/2007
-1	<i>Lepthyphantes tenuis</i>	1	0	1	016056/007	04/10/2007
-1	<i>Lepthyphantes tenuis</i>	1	4	5	016090/005	15/11/2007
					11	
1	<i>Lepthyphantes ericaeus</i>	1	0	1	015832/005	17/08/2007
1	<i>Lepthyphantes ericaeus</i>	1	0	1	015837/011	14/07/2007
					2	
3	<i>Microlinyphia pusilla</i>	0	1	1	016056/006	04/10/2007
					1	
	<i>Mangora acalypha</i>	0	1	1	013536/008	14/05/2007
					1	
2	<i>Pardosa pullata</i>	3	0	3	013498/003	15/04/2007
2	<i>Pardosa pullata</i>	17	6	23	015635/002	14/06/2007
2	<i>Pardosa pullata</i>	19	2	21	013536/003	14/05/2007
2	<i>Pardosa pullata</i>	0	2	2	015832/001	17/08/2007
2	<i>Pardosa pullata</i>	0	3	3	015837/001	14/07/2007
2	<i>Pardosa pullata</i>	0	2	2	015988/001	17/09/2007
					54	
2	<i>Pardosa prativaga</i>	0	1	1	013536/007	14/05/2007
					1	
3	<i>Pardosa nigriceps</i>	0	1	1	013536/017	14/05/2007
					1	
	<i>Pardosa saltans</i>	0	5	5	015635/004	14/06/2007
	<i>Pardosa saltans</i>	4	3	7	013536/006	14/05/2007
					12	
2	<i>Alopecosa pulverulenta</i>	1	1	2	013498/004	15/04/2007
2	<i>Alopecosa pulverulenta</i>	4	0	4	013536/002	14/05/2007
					6	
2	<i>Trochosa terricola</i>	1	0	1	013498/002	15/04/2007
					1	
5	<i>Pirata uliginosus</i>	8	0	8	015635/008	14/06/2007
					8	
	<i>Hahnia montana</i>	0	1	1	015837/007	14/07/2007
	<i>Hahnia montana</i>	1	0	1	015988/007	17/09/2007
	<i>Hahnia montana</i>	1	0	1	016056/005	04/10/2007
					3	
3	<i>Hahnia nava</i>	17	2	19	015635/012	14/06/2007
3	<i>Hahnia nava</i>	9	0	9	013536/013	14/05/2007
3	<i>Hahnia nava</i>	0	1	1	015837/008	14/07/2007
					29	
	<i>Dictyna uncinata</i>	0	1	1	015832/010	17/08/2007
					1	
5	<i>Agroeca proxima</i>	0	1	1	013422/002	12/02/2007
					1	
7	<i>Agroeca inopina</i>	3	0	3	016056/001	04/10/2007

				3		
	Clubiona comta	1	0	1	013536/014	14/05/2007
				1		
6	Drassodes cupreus	1	0	1	013536/009	14/05/2007
				1		
5	Zelotes latreillei	0	1	1	015635/003	14/06/2007
5	Zelotes latreillei	0	1	1	015988/004	17/09/2007
				2		
6	Drassyllus pusillus	2	1	3	013536/004	14/05/2007
				3		
3	Zora spinimana	0	1	1	015635/010	14/06/2007
3	Zora spinimana	1	0	1	013536/011	14/05/2007
3	Zora spinimana	0	1	1	015832/006	17/08/2007
3	Zora spinimana	0	2	2	015988/002	17/09/2007
3	Zora spinimana	0	1	1	016090/001	15/11/2007
				6		
1	Xysticus cristatus	4	1	5	013536/015	14/05/2007
1	Xysticus cristatus	0	1	1	015832/002	17/08/2007
				6		
5	Ozyptila sanctuaria	1	0	1	016056/003	04/10/2007
				1		
6	Ozyptila simplex	9	1	10	015635/006	14/06/2007
6	Ozyptila simplex	8	1	9	013536/018	14/05/2007
6	Ozyptila simplex	0	1	1	015837/005	14/07/2007
				20		
2	Heliophanus flavipes	1	0	1	015635/016	14/06/2007
2	Heliophanus flavipes	1	0	1	015837/006	14/07/2007
				2		
2	Euophrys frontalis	2	0	2	013536/001	14/05/2007
				2		
	total			267		

MC006 Golf Course 2

7	Steatoda phalerata	2	0	2	015640/001	14/06/2007
				2		
1	Robertus lividus	1	0	1	013537/010	14/05/2007
				1		
1	Walckenaeria acuminata	0	1	1	013288/001	12/12/2006
1	Walckenaeria acuminata	0	1	1	013383/002	12/01/2007
1	Walckenaeria acuminata	0	1	1	013444/001	12/03/2007
1	Walckenaeria acuminata	0	1	1	015640/013	14/06/2007
1	Walckenaeria acuminata	0	1	1	016051/002	04/10/2007
				5		
4	Walckenaeria atrotibialis	1	0	1	015640/007	14/06/2007
				1		
	Walckenaeria nudipalpis	0	1	1	013288/004	12/12/2006
				1		
1	Maso sundevalli	2	0	2	015640/016	14/06/2007
				2		
1	Pocadicnemis juncea	3	1	4	015640/010	14/06/2007
1	Pocadicnemis juncea	1	0	1	013537/011	14/05/2007
				5		
1	Tiso vagans	1	0	1	015640/012	14/06/2007
				1		
6	Tapinocyba praecox	0	1	1	013505/009	15/04/2007
				1		
	Monocephalus fuscipes	2	0	2	013505/008	15/04/2007
				2		
1	Micrargus herbigradus s s	1	0	1	015640/015	14/06/2007
				1		
0	Erigonella hiemalis	1	0	1	013505/010	15/04/2007
				1		
4	Meioneta beata	0	1	1	015640/017	14/06/2007
				1		
	Microneta viaria	0	1	1	013537/012	14/05/2007
				1		
1	Centromerus dilutus	1	0	1	013423/001	12/02/2007
				1		
8	Centromerus incilium	0	1	1	013537/013	14/05/2007
				1		
3	Centromerita concinna	1	0	1	013288/005	12/12/2006
3	Centromerita concinna	1	2	3	013383/001	12/01/2007
				4		
-2	Diplostyla concolor	0	1	1	015831/005	17/08/2007
				1		
-1	Lepthyphantes tenuis	0	1	1	013288/006	12/12/2006
				1		
	Lepthyphantes flavipes	1	0	1	013288/003	12/12/2006
				1		
1	Lepthyphantes ericaeus	1	4	5	013288/002	12/12/2006
1	Lepthyphantes ericaeus	1	2	3	013444/002	12/03/2007
1	Lepthyphantes ericaeus	2	0	2	013505/007	15/04/2007
1	Lepthyphantes ericaeus	11	6	17	015831/004	17/08/2007
1	Lepthyphantes ericaeus	2	1	3	015838/001	14/07/2007
1	Lepthyphantes ericaeus	0	1	1	015991/001	17/09/2007
1	Lepthyphantes ericaeus	0	1	1	016085/003	15/11/2007
				32		
1	Pachygnatha degeeri	1	0	1	016085/002	15/11/2007
				1		

2	<i>Pardosa pullata</i>	29	5	34	013505/002	15/04/2007
2	<i>Pardosa pullata</i>	9	5	14	015640/002	14/06/2007
2	<i>Pardosa pullata</i>	19	18	37	013537/003	14/05/2007
2	<i>Pardosa pullata</i>	0	1	1	015831/002	17/08/2007
				86		
2	<i>Pardosa prativaga</i>	1	1	2	015640/004	14/06/2007
				2		
3	<i>Pardosa nigriceps</i>	3	1	4	013505/004	15/04/2007
3	<i>Pardosa nigriceps</i>	5	0	5	013537/004	14/05/2007
				9		
	<i>Pardosa saltans</i>	1	0	1	013537/005	14/05/2007
				1		
2	<i>Alopecosa pulverulenta</i>	2	1	3	013505/003	15/04/2007
2	<i>Alopecosa pulverulenta</i>	5	0	5	013537/001	14/05/2007
				8		
2	<i>Trochosa ruricola</i>	0	1	1	015991/002	17/09/2007
				1		
2	<i>Trochosa terricola</i>	2	1	3	013505/001	15/04/2007
2	<i>Trochosa terricola</i>	1	1	2	013537/006	14/05/2007
2	<i>Trochosa terricola</i>	0	1	1	016051/001	04/10/2007
				6		
5	<i>Pirata uliginosus</i>	2	0	2	015640/006	14/06/2007
				2		
	<i>Pisaura mirabilis</i>	0	2	2	013537/002	14/05/2007
				2		
3	<i>Hahnia nava</i>	7	1	8	015640/008	14/06/2007
3	<i>Hahnia nava</i>	7	0	7	013537/009	14/05/2007
				15		
5	<i>Argenna subnigra</i>	2	0	2	015640/009	14/06/2007
				2		
	<i>Clubiona comta</i>	1	0	1	013505/005	15/04/2007
				1		
5	<i>Zelotes latreillei</i>	1	0	1	015831/003	17/08/2007
5	<i>Zelotes latreillei</i>	1	0	1	015838/003	14/07/2007
				2		
6	<i>Drassyllus pusillus</i>	1	0	1	015640/005	14/06/2007
6	<i>Drassyllus pusillus</i>	2	0	2	013537/008	14/05/2007
6	<i>Drassyllus pusillus</i>	0	1	1	015838/002	14/07/2007
				4		
3	<i>Zora spinimana</i>	1	1	2	013505/006	15/04/2007
3	<i>Zora spinimana</i>	2	0	2	015640/014	14/06/2007
3	<i>Zora spinimana</i>	0	3	3	013537/007	14/05/2007
3	<i>Zora spinimana</i>	1	0	1	016085/001	15/11/2007
				8		
1	<i>Xysticus cristatus</i>	0	1	1	015831/001	17/08/2007
				1		
	<i>Ozyptila praticola</i>	1	0	1	015640/003	14/06/2007
	<i>Ozyptila praticola</i>	1	0	1	015991/003	17/09/2007
				2		
6	<i>Ozyptila simplex</i>	1	0	1	015640/011	14/06/2007
				1		
	total			220		

MC007 Seven Islands 1

	Ero furcata	0	1	1	016053/011	04/10/2007
					1	
-2	Neottiura bimaculatum	0	1	1	013538/007	14/05/2007
-2	Neottiura bimaculatum	0	1	1	015989/002	17/09/2007
					2	
1	Walckenaeria acuminata	0	1	1	013538/006	14/05/2007
					1	
1	Pocadicnemis juncea	0	2	2	015632/004	14/06/2007
1	Pocadicnemis juncea	0	5	5	016053/012	04/10/2007
					7	
5	Cnephalocotes obscurus	1	0	1	013497/004	15/04/2007
					1	
6	Ceratinopsis stativa	1	0	1	015632/005	14/06/2007
6	Ceratinopsis stativa	0	1	1	013538/011	14/05/2007
					2	
2	Gongylidiellum vivum	2	0	2	013283/003	12/12/2006
					2	
-3	Erigone atra	1	0	1	016086/004	15/11/2007
					1	
	Microneta viaria	1	0	1	013538/009	14/05/2007
					1	
1	Centromerus sylvaticus	1	0	1	013283/006	12/12/2006
1	Centromerus sylvaticus	1	0	1	013384/001	12/01/2007
1	Centromerus sylvaticus	1	0	1	016086/003	15/11/2007
					3	
8	Centromerus incilium	1	0	1	013384/002	12/01/2007
					1	
1	Centromerita bicolor	1	1	2	013283/004	12/12/2006
					2	
0	Bathyphantes gracilis	0	1	1	015827/004	17/08/2007
0	Bathyphantes gracilis	0	1	1	015989/003	17/09/2007
0	Bathyphantes gracilis	0	1	1	016053/010	04/10/2007
0	Bathyphantes gracilis	0	1	1	016086/002	15/11/2007
					4	
-1	Lepthyphantes tenuis	1	0	1	013283/005	12/12/2006
-1	Lepthyphantes tenuis	0	2	2	013442/001	12/03/2007
-1	Lepthyphantes tenuis	0	4	4	015827/001	17/08/2007
-1	Lepthyphantes tenuis	1	2	3	015836/002	14/07/2007
-1	Lepthyphantes tenuis	2	3	5	015989/004	17/09/2007
-1	Lepthyphantes tenuis	0	1	1	016053/009	04/10/2007
-1	Lepthyphantes tenuis	1	0	1	016086/001	15/11/2007
					17	
	Lepthyphantes zimmermanni	1	0	1	016053/013	04/10/2007
					1	
1	Lepthyphantes mengei	6	2	8	016086/005	15/11/2007
					8	
1	Lepthyphantes ericaeus	3	0	3	013283/002	12/12/2006
1	Lepthyphantes ericaeus	0	1	1	016053/008	04/10/2007
					4	
3	Microlinyphia pusilla	0	1	1	013442/002	12/03/2007
					1	
2	Pardosa pullata	0	5	5	015632/001	14/06/2007
2	Pardosa pullata	4	2	6	013538/003	14/05/2007
2	Pardosa pullata	0	1	1	015827/002	17/08/2007
2	Pardosa pullata	0	3	3	015836/001	14/07/2007
2	Pardosa pullata	1	0	1	016053/004	04/10/2007

				16		
2	<i>Alopecosa pulverulenta</i>	0	3	3	013497/002	15/04/2007
2	<i>Alopecosa pulverulenta</i>	7	0	7	013538/001	14/05/2007
				10		
2	<i>Trochosa terricola</i>	4	0	4	013497/001	15/04/2007
2	<i>Trochosa terricola</i>	2	0	2	013538/002	14/05/2007
2	<i>Trochosa terricola</i>	1	0	1	016053/002	04/10/2007
				7		
5	<i>Pirata uliginosus</i>	1	0	1	015632/003	14/06/2007
5	<i>Pirata uliginosus</i>	6	0	6	013538/012	14/05/2007
5	<i>Pirata uliginosus</i>	0	1	1	015827/003	17/08/2007
5	<i>Pirata uliginosus</i>	0	1	1	015989/001	17/09/2007
5	<i>Pirata uliginosus</i>	3	0	3	016053/007	04/10/2007
				12		
	<i>Pisaura mirabilis</i>	0	2	2	013538/005	14/05/2007
				2		
-1	<i>Drassodes lapidosus</i>	0	1	1	016053/006	04/10/2007
				1		
5	<i>Zelotes latreillei</i>	2	4	6	013497/003	15/04/2007
5	<i>Zelotes latreillei</i>	0	1	1	015632/002	14/06/2007
5	<i>Zelotes latreillei</i>	0	1	1	013538/004	14/05/2007
5	<i>Zelotes latreillei</i>	1	0	1	016053/005	04/10/2007
				9		
3	<i>Zora spinimana</i>	1	0	1	013283/001	12/12/2006
3	<i>Zora spinimana</i>	1	0	1	016053/003	04/10/2007
				2		
1	<i>Xysticus cristatus</i>	1	0	1	013538/010	14/05/2007
				1		
2	<i>Euophrys frontalis</i>	1	0	1	013538/013	14/05/2007
2	<i>Euophrys frontalis</i>	0	1	1	016053/001	04/10/2007
				2		
	total			121		

MC008 Seven Islands 2

3	<i>Enoplognatha thoracica</i>	3	0	3	013539/003	14/05/2007
				3		
1	<i>Robertus lividus</i>	0	1	1	013499/008	15/04/2007
1	<i>Robertus lividus</i>	0	1	1	013539/014	14/05/2007
				2		
1	<i>Walckenaeria acuminata</i>	0	1	1	015841/002	14/07/2007
1	<i>Walckenaeria acuminata</i>	0	1	1	016047/002	04/10/2007
				2		
1	<i>Pocadicnemis juncea</i>	5	5	10	015636/002	14/06/2007
1	<i>Pocadicnemis juncea</i>	1	1	2	015841/003	14/07/2007
1	<i>Pocadicnemis juncea</i>	0	2	2	015990/004	17/09/2007
				14		
4	<i>Pelecopsis parallela</i>	0	1	1	013499/010	15/04/2007
				1		
5	<i>Cnephalocotes obscurus</i>	0	1	1	013539/013	14/05/2007
				1		
6	<i>Ceratinopsis stativa</i>	1	0	1	013539/011	14/05/2007
				1		
2	<i>Gongylidiellum vivum</i>	1	0	1	013499/009	15/04/2007
2	<i>Gongylidiellum vivum</i>	1	0	1	013539/009	14/05/2007
				2		
4	<i>Panamomops sulcifrons</i>	1	0	1	013539/010	14/05/2007
				1		
	<i>Microneta viaria</i>	1	0	1	013499/007	15/04/2007
				1		
1	<i>Centromerus sylvaticus</i>	2	0	2	013280/001	12/12/2006
1	<i>Centromerus sylvaticus</i>	1	0	1	013385/001	12/01/2007
				3		
	<i>Macrargus rufus</i>	1	0	1	013425/002	12/02/2007
				1		
-1	<i>Lepthyphantes tenuis</i>	0	1	1	013539/012	14/05/2007
-1	<i>Lepthyphantes tenuis</i>	1	2	3	015828/003	17/08/2007
-1	<i>Lepthyphantes tenuis</i>	1	2	3	015990/002	17/09/2007
-1	<i>Lepthyphantes tenuis</i>	4	4	8	016088/001	15/11/2007
				15		
	<i>Lepthyphantes zimmermanni</i>	2	0	2	016088/003	15/11/2007
				2		
1	<i>Lepthyphantes mengei</i>	7	5	12	016088/002	15/11/2007
				12		
	<i>Lepthyphantes flavipes</i>	0	2	2	015841/004	14/07/2007
				2		
1	<i>Lepthyphantes ericaeus</i>	1	0	1	015990/003	17/09/2007
1	<i>Lepthyphantes ericaeus</i>	1	0	1	016088/004	15/11/2007
				2		
2	<i>Pardosa pullata</i>	7	3	10	013499/004	15/04/2007
2	<i>Pardosa pullata</i>	0	1	1	015636/003	14/06/2007
2	<i>Pardosa pullata</i>	10	2	12	013539/002	14/05/2007
				23		
2	<i>Alopecosa pulverulenta</i>	3	1	4	013499/002	15/04/2007
2	<i>Alopecosa pulverulenta</i>	11	1	12	013539/001	14/05/2007
				16		
5	<i>Alopecosa cuneata</i>	1	0	1	013499/003	15/04/2007
				1		
2	<i>Trochosa terricola</i>	25	1	26	013499/001	15/04/2007
2	<i>Trochosa terricola</i>	1	0	1	013539/005	14/05/2007
2	<i>Trochosa terricola</i>	1	0	1	016047/001	04/10/2007

				28		
5	Pirata uliginosus	5	3	8	015636/001	14/06/2007
5	Pirata uliginosus	12	0	12	013539/006	14/05/2007
5	Pirata uliginosus	0	1	1	015828/001	17/08/2007
5	Pirata uliginosus	1	2	3	015841/001	14/07/2007
				24		
7	Agroeca inopina	0	1	1	013440/001	12/03/2007
				1		
5	Zelotes latreillei	2	0	2	013499/006	15/04/2007
5	Zelotes latreillei	2	1	3	013539/004	14/05/2007
				5		
3	Zora spinimana	0	2	2	013425/001	12/02/2007
3	Zora spinimana	2	1	3	013499/005	15/04/2007
3	Zora spinimana	1	0	1	015636/004	14/06/2007
3	Zora spinimana	2	1	3	013539/007	14/05/2007
3	Zora spinimana	0	1	1	015828/002	17/08/2007
				10		
	Tibellus oblongus	0	1	1	013539/008	14/05/2007
	Tibellus oblongus	0	1	1	015990/001	17/09/2007
				2		
	total			175		

MC009 Mill House 1

	Ero furcata	1	0	1	013285/008	12/12/2006
					1	
3	Enoplognatha thoracica	1	0	1	013540/011	14/05/2007
					1	
1	Robertus lividus	0	1	1	015638/011	14/06/2007
					1	
1	Walckenaeria acuminata	1	0	1	013285/002	12/12/2006
1	Walckenaeria acuminata	1	0	1	013386/003	12/01/2007
					2	
1	Walckenaeria antica	0	1	1	013496/009	15/04/2007
1	Walckenaeria antica	0	8	8	015638/010	14/06/2007
1	Walckenaeria antica	0	1	1	013540/009	14/05/2007
1	Walckenaeria antica	0	4	4	015834/004	17/08/2007
1	Walckenaeria antica	0	4	4	015845/005	14/07/2007
1	Walckenaeria antica	0	1	1	015992/006	17/09/2007
					19	
4	Pelecopsis parallela	1	0	1	013386/001	12/01/2007
4	Pelecopsis parallela	1	1	2	013439/004	12/03/2007
					3	
5	Cnephalocotes obscurus	0	1	1	013426/005	12/02/2007
					1	
6	Ceratinopsis stativa	2	0	2	013540/013	14/05/2007
					2	
6	Tapinocyba praecox	1	0	1	013285/007	12/12/2006
6	Tapinocyba praecox	2	0	2	013386/007	12/01/2007
6	Tapinocyba praecox	1	0	1	013426/004	12/02/2007
6	Tapinocyba praecox	1	0	1	013439/001	12/03/2007
6	Tapinocyba praecox	1	0	1	016092/004	15/11/2007
					6	
	Monocephalus fuscipes	1	0	1	013439/002	12/03/2007
	Monocephalus fuscipes	2	0	2	013496/008	15/04/2007
					3	
1	Micrargus subaequalis	1	0	1	015845/010	14/07/2007
					1	
-3	Erigone dentipalpis	1	0	1	013284/003	12/12/2006
-3	Erigone dentipalpis	1	0	1	013386/004	12/01/2007
					2	
4	Meioneta beata	0	2	2	013540/014	14/05/2007
4	Meioneta beata	0	2	2	015834/010	17/08/2007
4	Meioneta beata	1	0	1	015845/009	14/07/2007
					5	
1	Centromerus sylvaticus	2	0	2	013285/003	12/12/2006
					2	
8	Centromerus incilium	1	2	3	013285/005	12/12/2006
8	Centromerus incilium	1	0	1	013386/009	12/01/2007
8	Centromerus incilium	0	2	2	013426/003	12/02/2007
					6	
1	Centromerita bicolor	1	0	1	013284/001	12/12/2006
1	Centromerita bicolor	1	1	2	013386/002	12/01/2007
					3	
3	Centromerita concinna	4	0	4	013284/004	12/12/2006
					4	
0	Bathyphantes gracilis	1	0	1	013284/005	12/12/2006
0	Bathyphantes gracilis	0	2	2	015834/003	17/08/2007
					3	
1	Bathyphantes parvulus	2	0	2	013386/006	12/01/2007

2					
-1	Lepthyphantes tenuis	0	1	1	013386/005 12/01/2007
-1	Lepthyphantes tenuis	0	2	2	013426/001 12/02/2007
-1	Lepthyphantes tenuis	0	1	1	013496/010 15/04/2007
-1	Lepthyphantes tenuis	1	2	3	015638/012 14/06/2007
-1	Lepthyphantes tenuis	0	1	1	013540/015 14/05/2007
-1	Lepthyphantes tenuis	0	3	3	015834/002 17/08/2007
-1	Lepthyphantes tenuis	1	2	3	015845/008 14/07/2007
-1	Lepthyphantes tenuis	0	2	2	015992/005 17/09/2007
-1	Lepthyphantes tenuis	6	5	11	016092/002 15/11/2007
27					
1	Lepthyphantes mengei	3	1	4	016092/003 15/11/2007
4					
1	Pachygnatha degeeri	1	0	1	013285/001 12/12/2006
1	Pachygnatha degeeri	1	1	2	013439/003 12/03/2007
1	Pachygnatha degeeri	0	1	1	013496/006 15/04/2007
1	Pachygnatha degeeri	0	3	3	015638/005 14/06/2007
1	Pachygnatha degeeri	4	7	11	013540/007 14/05/2007
1	Pachygnatha degeeri	1	1	2	015834/006 17/08/2007
1	Pachygnatha degeeri	1	1	2	015992/002 17/09/2007
1	Pachygnatha degeeri	1	0	1	016048/003 04/10/2007
23					
	Mangora acalypha	0	1	1	015638/013 14/06/2007
1					
2	Pardosa pullata	11	0	11	013496/004 15/04/2007
2	Pardosa pullata	60	32	92	015638/002 14/06/2007
2	Pardosa pullata	35	10	45	013540/001 14/05/2007
2	Pardosa pullata	1	11	12	015834/001 17/08/2007
2	Pardosa pullata	7	22	29	015845/001 14/07/2007
2	Pardosa pullata	0	2	2	015992/001 17/09/2007
2	Pardosa pullata	0	1	1	016048/002 04/10/2007
192					
2	Alopecosa pulverulenta	2	3	5	013496/005 15/04/2007
2	Alopecosa pulverulenta	0	1	1	015638/003 14/06/2007
2	Alopecosa pulverulenta	25	4	29	013540/003 14/05/2007
2	Alopecosa pulverulenta	0	1	1	015834/007 17/08/2007
36					
2	Trochosa terricola	6	0	6	013496/001 15/04/2007
2	Trochosa terricola	22	7	29	013540/002 14/05/2007
2	Trochosa terricola	1	2	3	015992/003 17/09/2007
38					
4	Agelena labyrinthica	0	1	1	013540/005 14/05/2007
1					
3	Hahnia nava	40	4	44	015638/006 14/06/2007
3	Hahnia nava	36	8	44	013540/010 14/05/2007
3	Hahnia nava	1	1	2	015845/004 14/07/2007
90					
5	Argenna subnigra	15	2	17	015638/007 14/06/2007
5	Argenna subnigra	33	4	37	013540/012 14/05/2007
5	Argenna subnigra	0	1	1	015834/009 17/08/2007
5	Argenna subnigra	0	1	1	015992/007 17/09/2007
56					
1	Phrurolithus festivus	1	2	3	015638/008 14/06/2007
1	Phrurolithus festivus	0	3	3	015845/007 14/07/2007
6					
6	Agroeca brunnea	3	1	4	013496/002 15/04/2007
4					
5	Agroeca proxima	0	2	2	013285/004 12/12/2006

MC010 Mill House 2

-2	Neottiura bimaculatum	0	1	1	015633/010	14/06/2007
					1	
3	Enoplognatha thoracica	0	1	1	015633/008	14/06/2007
3	Enoplognatha thoracica	0	1	1	015830/007	17/08/2007
					2	
1	Robertus lividus	1	0	1	015984/004	17/09/2007
					1	
1	Walckenaeria acuminata	1	0	1	013387/001	12/01/2007
					1	
1	Walckenaeria antica	0	1	1	015830/004	17/08/2007
1	Walckenaeria antica	0	1	1	015835/005	14/07/2007
					2	
1	Pocadicnemis juncea	2	0	2	015633/005	14/06/2007
1	Pocadicnemis juncea	0	1	1	015830/006	17/08/2007
					3	
4	Pelecopsis parallela	1	0	1	013501/009	15/04/2007
					1	
5	Cnephalocotes obscurus	0	1	1	013427/002	12/02/2007
					1	
6	Tapinocyba praecox	0	1	1	013501/010	15/04/2007
					1	
1	Micrargus herbigradus s s	1	0	1	016055/003	04/10/2007
					1	
4	Meioneta beata	0	2	2	013501/012	15/04/2007
4	Meioneta beata	1	0	1	015835/006	14/07/2007
					3	
	Microneta viaria	1	0	1	013281/003	12/12/2006
					1	
1	Centromerus sylvaticus	0	1	1	013387/005	12/01/2007
1	Centromerus sylvaticus	1	0	1	016087/004	15/11/2007
					2	
8	Centromerus incilium	1	0	1	013387/004	12/01/2007
8	Centromerus incilium	0	1	1	013501/011	15/04/2007
8	Centromerus incilium	0	1	1	015830/005	17/08/2007
					3	
	Macrargus rufus	1	0	1	013387/002	12/01/2007
	Macrargus rufus	1	0	1	013427/003	12/02/2007
					2	
0	Bathyphantes gracilis	1	0	1	013281/001	12/12/2006
0	Bathyphantes gracilis	1	0	1	015830/008	17/08/2007
0	Bathyphantes gracilis	0	1	1	015984/003	17/09/2007
					3	
-1	Lepthyphantes tenuis	0	1	1	013387/003	12/01/2007
-1	Lepthyphantes tenuis	0	2	2	013441/001	12/03/2007
-1	Lepthyphantes tenuis	1	0	1	013501/013	15/04/2007
-1	Lepthyphantes tenuis	0	2	2	015633/007	14/06/2007
-1	Lepthyphantes tenuis	0	11	11	015830/003	17/08/2007
-1	Lepthyphantes tenuis	1	6	7	015835/004	14/07/2007
-1	Lepthyphantes tenuis	2	3	5	015984/001	17/09/2007
-1	Lepthyphantes tenuis	2	0	2	016087/001	15/11/2007
					31	
	Lepthyphantes zimmermanni	0	1	1	015633/011	14/06/2007
					1	
1	Lepthyphantes mengei	1	0	1	016087/006	15/11/2007
					1	
	Lepthyphantes flavipes	1	0	1	013427/001	12/02/2007

	<i>Lepthyphantes flavipes</i>	1	0	1	016087/005	15/11/2007
					2	
1	<i>Lepthyphantes ericaeus</i>	0	1	1	013541/010	14/05/2007
1	<i>Lepthyphantes ericaeus</i>	2	0	2	016087/002	15/11/2007
					3	
1	<i>Pachygnatha degeeri</i>	7	3	10	013501/004	15/04/2007
1	<i>Pachygnatha degeeri</i>	0	2	2	013541/008	14/05/2007
					12	
2	<i>Pardosa pullata</i>	21	5	26	013501/003	15/04/2007
2	<i>Pardosa pullata</i>	8	6	14	015633/002	14/06/2007
2	<i>Pardosa pullata</i>	12	3	15	013541/001	14/05/2007
2	<i>Pardosa pullata</i>	0	1	1	015830/002	17/08/2007
2	<i>Pardosa pullata</i>	2	3	5	015835/002	14/07/2007
					61	
3	<i>Pardosa nigriceps</i>	1	0	1	013501/005	15/04/2007
3	<i>Pardosa nigriceps</i>	1	0	1	013541/002	14/05/2007
					2	
2	<i>Alopecosa pulverulenta</i>	6	1	7	013501/002	15/04/2007
2	<i>Alopecosa pulverulenta</i>	3	4	7	015633/001	14/06/2007
2	<i>Alopecosa pulverulenta</i>	15	6	21	013541/004	14/05/2007
2	<i>Alopecosa pulverulenta</i>	0	2	2	015835/003	14/07/2007
					37	
2	<i>Trochosa terricola</i>	14	1	15	013501/001	15/04/2007
2	<i>Trochosa terricola</i>	0	2	2	015835/001	14/07/2007
2	<i>Trochosa terricola</i>	1	1	2	015984/002	17/09/2007
2	<i>Trochosa terricola</i>	0	1	1	016055/002	04/10/2007
					20	
5	<i>Pirata uliginosus</i>	2	1	3	015633/006	14/06/2007
					3	
	<i>Hahnia montana</i>	1	0	1	016055/005	04/10/2007
					1	
3	<i>Hahnia nava</i>	1	3	4	013501/008	15/04/2007
3	<i>Hahnia nava</i>	1	1	2	015633/012	14/06/2007
3	<i>Hahnia nava</i>	2	1	3	013541/007	14/05/2007
3	<i>Hahnia nava</i>	0	1	1	015830/009	17/08/2007
3	<i>Hahnia nava</i>	2	0	2	016087/007	15/11/2007
					12	
6	<i>Agroeca brunnea</i>	1	0	1	013441/002	12/03/2007
6	<i>Agroeca brunnea</i>	0	1	1	015633/003	14/06/2007
6	<i>Agroeca brunnea</i>	0	3	3	013541/003	14/05/2007
6	<i>Agroeca brunnea</i>	0	1	1	015830/001	17/08/2007
					6	
5	<i>Agroeca proxima</i>	0	1	1	013387/006	12/01/2007
5	<i>Agroeca proxima</i>	1	1	2	016087/003	15/11/2007
					3	
7	<i>Agroeca inopina</i>	0	4	4	013281/002	12/12/2006
7	<i>Agroeca inopina</i>	0	3	3	013541/005	14/05/2007
7	<i>Agroeca inopina</i>	3	0	3	016055/001	04/10/2007
					10	
6	<i>Haplodrassus signifer</i>	1	0	1	015633/004	14/06/2007
					1	
5	<i>Zelotes latreillei</i>	1	1	2	013541/006	14/05/2007
5	<i>Zelotes latreillei</i>	1	0	1	016055/004	04/10/2007
					3	
1	<i>Micaria pulicaria</i>	1	0	1	013501/007	15/04/2007
					1	
1	<i>Xysticus cristatus</i>	1	0	1	013501/006	15/04/2007
1	<i>Xysticus cristatus</i>	1	0	1	013541/009	14/05/2007

6	Ozyptila simplex	1	0	1	2	015633/009	14/06/2007
					1		
	total		241				

MC011 Gun Site north

-2	<i>Neottiura bimaculatum</i>	0	2	2	015637/011	14/06/2007
-2	<i>Neottiura bimaculatum</i>	0	1	1	015843/008	14/07/2007
				3		
3	<i>Enoplognatha thoracica</i>	2	0	2	015637/006	14/06/2007
3	<i>Enoplognatha thoracica</i>	0	1	1	013542/013	14/05/2007
				3		
1	<i>Walckenaeria acuminata</i>	0	1	1	013502/007	15/04/2007
1	<i>Walckenaeria acuminata</i>	2	0	2	016089/005	15/11/2007
				3		
1	<i>Walckenaeria antica</i>	1	0	1	013502/012	15/04/2007
1	<i>Walckenaeria antica</i>	2	2	4	013542/011	14/05/2007
1	<i>Walckenaeria antica</i>	0	1	1	015825/006	18/08/2007
				6		
4	<i>Walckenaeria atrotibialis</i>	1	0	1	015843/009	14/07/2007
				1		
1	<i>Pocadicnemis juncea</i>	3	4	7	015637/008	14/06/2007
1	<i>Pocadicnemis juncea</i>	2	0	2	013542/012	14/05/2007
1	<i>Pocadicnemis juncea</i>	0	3	3	015825/007	18/08/2007
				12		
4	<i>Pelecopsis parallela</i>	1	0	1	015637/013	14/06/2007
				1		
1	<i>Tiso vagans</i>	1	0	1	013542/017	14/05/2007
				1		
6	<i>Tapinocyba praecox</i>	0	1	1	013542/018	14/05/2007
				1		
	<i>Monocephalus fuscipes</i>	1	0	1	013502/013	15/04/2007
				1		
0	<i>Erigonella hiemalis</i>	3	0	3	013502/014	15/04/2007
				3		
4	<i>Panamomops sulcifrons</i>	9	1	10	013502/010	15/04/2007
4	<i>Panamomops sulcifrons</i>	1	0	1	015637/014	14/06/2007
4	<i>Panamomops sulcifrons</i>	6	0	6	013542/010	14/05/2007
				17		
-3	<i>Erigone dentipalpis</i>	1	0	1	015825/003	18/08/2007
				1		
1	<i>Centromerus sylvaticus</i>	0	1	1	016089/006	15/11/2007
				1		
8	<i>Centromerus incilium</i>	0	2	2	013502/004	15/04/2007
8	<i>Centromerus incilium</i>	0	1	1	013542/016	14/05/2007
				3		
-1	<i>Lepthyphantes tenuis</i>	3	2	5	013502/011	15/04/2007
-1	<i>Lepthyphantes tenuis</i>	0	4	4	015637/007	14/06/2007
-1	<i>Lepthyphantes tenuis</i>	0	1	1	013542/014	14/05/2007
-1	<i>Lepthyphantes tenuis</i>	7	5	12	015825/005	18/08/2007
-1	<i>Lepthyphantes tenuis</i>	2	9	11	015843/007	14/07/2007
-1	<i>Lepthyphantes tenuis</i>	2	5	7	015985/002	17/09/2007
-1	<i>Lepthyphantes tenuis</i>	1	0	1	016049/005	04/10/2007
-1	<i>Lepthyphantes tenuis</i>	2	3	5	016089/002	15/11/2007
				46		
	<i>Lepthyphantes flavipes</i>	1	0	1	016089/007	15/11/2007
				1		
1	<i>Lepthyphantes ericaeus</i>	1	0	1	016089/004	15/11/2007
				1		
1	<i>Pachygnatha degeeri</i>	4	4	8	013502/005	15/04/2007
1	<i>Pachygnatha degeeri</i>	0	1	1	015637/010	14/06/2007
1	<i>Pachygnatha degeeri</i>	2	4	6	013542/001	14/05/2007

1	<i>Pachygnatha degeeri</i>	2	0	2	015825/002	18/08/2007
1	<i>Pachygnatha degeeri</i>	1	1	2	015985/005	17/09/2007
1	<i>Pachygnatha degeeri</i>	3	2	5	016049/003	04/10/2007
1	<i>Pachygnatha degeeri</i>	3	0	3	016089/003	15/11/2007
				27		
1	<i>Pardosa palustris</i>	0	1	1	015843/005	14/07/2007
				1		
2	<i>Pardosa pullata</i>	7	2	9	013502/003	15/04/2007
2	<i>Pardosa pullata</i>	7	3	10	015637/004	14/06/2007
2	<i>Pardosa pullata</i>	24	15	39	013542/004	14/05/2007
2	<i>Pardosa pullata</i>	1	2	3	015825/001	18/08/2007
2	<i>Pardosa pullata</i>	0	6	6	015843/001	14/07/2007
2	<i>Pardosa pullata</i>	0	1	1	015985/007	17/09/2007
2	<i>Pardosa pullata</i>	0	1	1	016049/002	04/10/2007
				69		
2	<i>Pardosa prativaga</i>	2	0	2	013502/006	15/04/2007
2	<i>Pardosa prativaga</i>	3	0	3	013542/005	14/05/2007
				5		
2	<i>Alopecosa pulverulenta</i>	3	1	4	013502/002	15/04/2007
2	<i>Alopecosa pulverulenta</i>	9	2	11	013542/003	14/05/2007
				15		
2	<i>Trochosa terricola</i>	16	1	17	013502/001	15/04/2007
2	<i>Trochosa terricola</i>	10	3	13	013542/002	14/05/2007
2	<i>Trochosa terricola</i>	0	1	1	015843/003	14/07/2007
2	<i>Trochosa terricola</i>	2	1	3	015985/004	17/09/2007
2	<i>Trochosa terricola</i>	0	1	1	016049/001	04/10/2007
				35		
5	<i>Pirata uliginosus</i>	8	0	8	015637/002	14/06/2007
5	<i>Pirata uliginosus</i>	1	0	1	015843/006	14/07/2007
				9		
3	<i>Hahnia nava</i>	8	3	11	015637/009	14/06/2007
3	<i>Hahnia nava</i>	9	0	9	013542/009	14/05/2007
				20		
1	<i>Phrurolithus festivus</i>	1	0	1	013542/015	14/05/2007
				1		
5	<i>Agroeca proxima</i>	2	0	2	016089/001	15/11/2007
				2		
7	<i>Agroeca inopina</i>	2	2	4	016049/004	04/10/2007
				4		
5	<i>Zelotes latreillei</i>	1	0	1	015637/005	14/06/2007
5	<i>Zelotes latreillei</i>	2	1	3	013542/007	14/05/2007
5	<i>Zelotes latreillei</i>	0	1	1	015843/004	14/07/2007
5	<i>Zelotes latreillei</i>	0	1	1	015985/003	17/09/2007
				6		
6	<i>Drassyllus pusillus</i>	4	2	6	015637/003	14/06/2007
6	<i>Drassyllus pusillus</i>	1	0	1	013542/008	14/05/2007
6	<i>Drassyllus pusillus</i>	0	1	1	015843/002	14/07/2007
6	<i>Drassyllus pusillus</i>	0	1	1	015985/001	17/09/2007
				9		
1	<i>Micaria pulicaria</i>	0	1	1	015637/012	14/06/2007
				1		
3	<i>Zora spinimana</i>	1	0	1	013502/008	15/04/2007
				1		
1	<i>Xysticus cristatus</i>	1	0	1	013502/009	15/04/2007
1	<i>Xysticus cristatus</i>	1	0	1	013542/006	14/05/2007
				2		
6	<i>Ozyptila simplex</i>	4	0	4	015637/001	14/06/2007
				4		

2	Euophrys frontalis	0	1	1	015825/004	18/08/2007
2	Euophrys frontalis	0	3	3	015985/006	17/09/2007
				4		
	total		320			

Table 5: A complete list of spiders recorded from Mitcham Common

Date given is that of the first record (if known)
 First column is National Conservation Status
 Fourth column is reference No from present survey
 Last column is origin of record:
 em = E Milner (present survey etc.)
 M1 = Morris (1984)
 M2 = Morris (1991)

PHOLCIDAE (Daddy-Long-Legs Spiders)				
S/an	Pholcus phalangioides	/ /	000171/005	M1
DYSDERIDAE				
Comm	Harpactea hombergi		1984	M2
MIMETIDAE				
Comm	Ero furcata		12/12/2006 013285/008	em
THERIDIIDAE (Tangle Web Spiders)				
Loc	Steatoda phalerata		14/05/2007 013533/015	em
Comm	Steatoda bipunctata	/ /	000171/038	M1
Comm	Anelosimus vittatus	/ /	000171/039	M1
Comm	Neottiura bimaculatum		14/05/2007 013538/007	em
Comm	Paidiscura pallens	/ /	000171/040	M1
Comm	Enoplognatha ovata s s	/ /	000171/042	M1
Loc	Enoplognatha latimana		16/09/2006 012919/019	em
Loc	Enoplognatha thoracica		14/05/2007 013532/005	em
Comm	Robertus lividus		15/04/2007 013499/008	em
LINYPHIIDAE (Money spiders)				
Comm	Walckenaeria acuminata		12/12/2006 013282/001	em
Comm	Walckenaeria antica	/ /	000171/055	M1
Loc	Walckenaeria atrotibialis		14/06/2007 015640/007	em
Comm	Walckenaeria nudipalpis		12/12/2006 013288/004	em
Loc	Dicymbium nigrum		15/04/2007 013511/015	em
Loc	Dicymbium brevisetosum		12/02/2007 013420/005	em
Comm	Maso sundevalli		14/06/2007 015640/016	em
Comm	Pocadicnemis juncea		14/05/2007 013533/011	em
Comm	Oedothorax fuscus	/ /	000171/057	M1
Comm	Oedothorax retusus		17/08/2007 015829/011	em
Loc	Pelecopsis parallela		12/01/2007 013386/001	em
Loc	Cnephalocotes obscurus		12/02/2007 013426/005	em
Loc	Ceratinopsis stativa		14/05/2007 013538/011	em
Comm	Tiso vagans		14/05/2007 013542/017	em
Loc	Tapinocyba praecox		12/12/2006 013285/007	em
Comm	Monocephalus fuscipes		11/11/2006 013194/005	em
Comm	Gongyliidiellum vivum		12/12/2006 013283/003	em
Comm	Micrargus herbigradus s s		14/06/2007 015640/015	em
Loc	Micrargus subaequalis		14/07/2007 015842/010	em
Comm	Erigonella hiemalis		15/04/2007 013502/014	em
Comm	Diplocephalus picinus		14/05/2007 013536/022	em
Loc	Panamomops sulcifrons		15/04/2007 013498/005	em
Comm	Erigone dentipalpis	/ /	000171/058	M1
Comm	Erigone atra		12/01/2007 013378/004	em
Loc	Meioneta mollis		14/06/2007 015639/015	em
Loc	Meioneta beata		12/03/2007 013448/006	em
Comm	Microneta viaria	/ /	000171/062	M1
Comm	Centromerus sylvaticus		12/12/2006 013280/001	em
Comm	Centromerus dilutus		12/12/2006 013287/004	em
Nb	Centromerus incilium		12/12/2006 013282/007	em
Comm	Centromerita bicolor		12/12/2006 013279/005	em
Comm	Centromerita concinna		12/12/2006 013284/004	em

Comm	Macrargus rufus	16/09/2006	012919/031	em
Comm	Bathyphantes gracilis	12/12/2006	013279/004	em
Comm	Bathyphantes parvulus	12/01/2007	013379/004	em
Comm	Diplostyla concolor	/ /	000171/059	M1
Comm	Stemonyphantes lineatus	/ /	000171/061	M1
Comm	Lepthyphantes tenuis	12/12/2006	013279/003	em
Comm	Lepthyphantes zimmermanni	14/06/2007	015633/011	em
Comm	Lepthyphantes mengei	15/11/2007	016084/007	em
Comm	Lepthyphantes flavipes	12/12/2006	013288/003	em
Comm	Lepthyphantes ericaeus	12/12/2006	013282/004	em
Comm	Linyphia triangularis	/ /	000171/063	M1
Comm	Neriene montana	/ /	000171/064	M1
Comm	Neriene clathrata	/ /	000171/065	M1
Comm	Neriene peltata	/ /	000171/066	M1
Comm	Microlinyphia pusilla	12/03/2007	013442/002	em
TETRAGNATHIDAE (Orb Web spiders)				
Loc	Tetragnatha montana	/ /	000171/043	M1
?Loc	Tetragnatha obtusa	/ /	000171/044	M1
Comm	Pachygnatha clercki	/ /	000171/045	M1
Comm	Pachygnatha degeeri	/ /	000171/046	M1
Comm	Metellina segmentata	/ /	000171/047	M1
Comm	Metellina mengei	16/09/2006	012919/022	em
Loc	Metellina merianae	/ /	000171/048	M1
ARANEIDAE (Orb Web spiders)				
Comm	Zygiella atrica	16/09/2006	012919/033	em
Comm	Gibbaranea gibbosa	/ /	000171/049	M1
Comm	Araneus diadematus	/ /	000171/050	M1
Comm	Araneus quadratus	/ /	000171/051	M1
Comm	Larinioides cornutus	16/09/2006	012919/005	em
Comm	Nuctenea umbratica	/ /	000171/052	M1
Loc	Agalenatea redii(?imm)	16/09/2006	012919/027	em
Comm	Araniella cucurbitina s s	/ /	000171/053	M1
Loc	Hypsosinga pygmaea	/ /	000171/054	M1
Comm	Mangora acalypha	11/11/2006	013194/006	em
Loc	Cyclosa conica	16/09/2006	012919/012	em
Na	Argiope bruennichi	16/09/2006	012919/007	em
LYCOSIDAE (Wolf Spiders)				
Comm	Pardosa palustris	14/05/2007	013534/011	em
Comm	Pardosa pullata	/ /	000171/023	M1
Comm	Pardosa prativaga	15/04/2007	013502/006	em
?Comm	Pardosa amentata	/ /	000171/024	M1
Comm	Pardosa nigriceps	15/04/2007	013501/005	em
Loc	Pardosa proxima	1984		M2
Comm	Pardosa saltans	14/05/2007	013536/006	em
Comm	Alopecosa pulverulenta	/ /	000171/026	M1
Loc	Alopecosa cuneata	15/04/2007	013499/003	em
Comm	Trochosa ruricola	/ /	000171/028	M1
Comm	Trochosa terricola	/ /	000171/029	M1
?Loc	Pirata piraticus	/ /	000171/030	M1
Loc	Pirata uliginosus	14/05/2007	013532/014	em
PISAURIDAE (Nursery Web Spiders)				
Comm	Pisaura mirabilis	/ /	000171/032	M1
AGELENIDAE (House Spiders & allies)				
Comm	Agelena labyrinthica	/ /	000171/034	M1
?Loc	Tegenaria agrestis	/ /	000171/035	M1
CYBAEIDAE (Water Spiders)				
Loc	Argyroneta aquatica	/ /	000171/033	M1

HAHNIIDAE			
Comm	Hahnna montana	14/07/2007	015837/007 em
Loc	Hahnna nava	11/11/2006	013194/009 em
DICTYNIDAE (Small Blue Web Spiders)			
Comm	Dictyna arundinacea	/ /	000171/003 M1
Comm	Dictyna uncinata	/ /	000171/003 M1
Na	Nigma walckenaeri	16/09/2006	012919/008 em
Loc	Lathys humilis	15/04/2007	013481/003 em
Loc	Argenna subnigra	14/05/2007	013533/006 em
AMAUROBIIDAE (Blue Web Spiders)			
Comm	Amaurobius similis	/ /	000171/002 M1
LIOCERANIDAE			
Comm	Phrurolithus festivus	14/05/2007	013542/015 em
Loc	Agroeca brunnea	12/03/2007	013441/002 em
Comm	Agroeca proxima	12/12/2006	013279/001 em
Loc	Agroeca inopina	12/12/2006	013279/002 em
CLUBIONIDAE (Mouse Spiders)			
Comm	Clubiona reclusa		1984 M2
Comm	Clubiona corticalis	/ /	000171/008 M1
Comm	Clubiona lutescens		1984 M2
?Comm	Clubiona pallidula	/ /	000171/009 M1
Comm	Clubiona terrestris	16/09/2006	012919/011 em
Comm	Clubiona comta	/ /	000171/011 M1
?Comm	Clubiona brevipes	/ /	000171/012 M1
Loc	Clubiona diversa	16/09/2006	012919/030 em
Comm	Cheiracanthium erraticum	/ /	000171/013 M1
GNAPHOSIDAE (Hunter Spiders)			
Comm	Drassodes lapidosus	/ /	000171/006 M1
Loc	Drassodes cupreus	14/05/2007	013533/005 em
Loc	Haplodrassus signifer	14/05/2007	013534/009 em
Loc	Zelotes latreillei	15/04/2007	013496/007 em
Loc	Drassyllus pusillus	14/05/2007	013532/004 em
Comm	Micaria pulicaria	/ /	000171/007 M1
ZORIDAE			
Comm	Zora spinimana	16/09/2006	012919/013 em
PHILODROMIDAE (Elongate Crab Spiders)			
Comm	Philodromus dispar	/ /	000171/017 M1
Comm	Philodromus aureolus	/ /	000171/018 M1
Comm	Tibellus oblongus	/ /	000171/020 M1
THOMISIDAE (Crab Spiders)			
Comm	Misumena vatia	16/09/2006	012919/025 em
Comm	Xysticus cristatus	/ /	000171/014 M1
Loc	Ozyptila sanctuaria	14/06/2007	015634/018 em
Comm	Ozyptila praticola	16/09/2006	012919/009 em
Loc	Ozyptila simplex	12/12/2006	013285/006 em
SALTICIDAE (Jumping Spiders)			
Comm	Salticus scenicus	/ /	000171/021 M1
Comm	Heliophanus flavipes	16/09/2006	012919/021 em
Comm	Euophrys frontalis	16/09/2006	012919/029 em
Na	Bianor aurocinctus		1984 M2