

The status and distribution of the money spider *Centromerus levitarsis* in Northwest England



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Contents

Summary	9
Introduction.....	10
Materials & Methods	11
Oakmere Moss	15
Black Lake, Delamere Forest.....	17
Wybunbury Moss.....	19
Brackenhurst Bog.....	21
Little Budworth Common.....	23
Abbots Moss	26
Bowness Common	28
Glasson Moss	31
Wedholme Flow.....	34
Results and Discussion	37
<i>Centromerus levitarsis</i> (Simon, 1884).....	37
Threats to <i>Centromerus levitarsis</i>	39
Other recorded species.....	39
Nationally Rare spiders.....	39
<i>Carorita limnaea</i> (Crosby & Bishop, 1927).....	39
<i>Glypesis cottonae</i> (La Touche, 1945)	40
<i>Gnaphosa nigerrima</i> L. Koch, 1877	40
<i>Minicia marginella</i> (Wider, 1834).....	40
Nationally Scarce spiders.....	44
<i>Allomengea vidua</i> (L. Koch, 1879).....	44
<i>Araeoncus crassiceps</i> (Westring, 1861)	44
<i>Bathyphantes setiger</i> F. O. P.-Cambridge, 1894	44
<i>Erigonella ignobilis</i> (O. P.-Cambridge, 1871).....	44
<i>Euryopis flavomaculata</i> (C. L. Koch, 1836).....	45
<i>Gongylidiellum latebricola</i> (O. P.-Cambridge, 1871)	45
<i>Hahnia pusilla</i> C. L. Koch, 1841	45
<i>Hypselistes jacksoni</i> (O. P.-Cambridge, 1902)	45
<i>Hypsosinga albovittata</i> (Westring, 1851)	46
<i>Notioscopus sarcinatus</i> (O. P.-Cambridge, 1872)	47
<i>Satilatlas britteni</i> (Jackson, 1913)	47
<i>Scotina gracilipes</i> (Blackwall, 1859).....	47

<i>Sintula corniger</i> (Blackwall, 1856).....	48
<i>Taranucnus setosus</i> (O. P.-Cambridge, 1863).....	48
<i>Theridiosoma gemmosum</i> (L. Koch, 1877).....	48
<i>Trochosa spinipalpis</i> (F. O. P.-Cambridge, 1895).....	48
<i>Walckenaeria nodosa</i> O. P.-Cambridge, 1873.....	49
Acknowledgments.....	49
References.....	50
Appendix.....	52

Table of Figures

Figure 1. Vacuum sampling at Bowness Common.....	12
Figure 2. Sieving vacuum sample at Glasson Moss.	12
Figure 3. Sieved vacuum sample at Glasson Moss.....	13
Figure 4. Survey sample location overview map (1 km grid).....	14
Figure 5. Oakmere Moss sample point locations. 1 km grid.	15
Figure 6. Oakmere Moss.....	16
Figure 7. Black Lake sample point locations.....	17
Figure 8. Black Lake sample point BL2, at bags.....	18
Figure 9. Wybunbury Moss sample point locations.	19
Figure 10. Wybunbury Moss sample point WM4.	20
Figure 11. Oakmere Moss sample point locations.....	21
Figure 12. Brackenhurst Bog sample point BB2.	22
Figure 13. Little Budworth Common sample point locations.....	23
Figure 14. Whitehall Moss, Little Budworth Common sample point LB2.	24
Figure 15. East Moss, Little Budworth Common sample point LB3.	24
Figure 16. Central Moss, Little Budworth Common sample point LB4.	25
Figure 17. North Moss, Little Budworth Common sample point LB5.....	25
Figure 18. Abbots Moss sample point locations. 1 km grid.	26
Figure 19. Shemmy Moss, Abbots Moss sample point AM1.....	27
Figure 20. South Moss, Abbots Moss sample point AM3.....	27
Figure 21. Bowness Common sample point locations. 1 km grid.	28
Figure 22. Bowness Common sample point BC3.....	29
Figure 23. Bowness Common sample point BC4. <i>Centromerus levitarsis</i> habitat.	29
Figure 24. Bowness Common sample point BC4. <i>Centromerus levitarsis</i> habitat.	30
Figure 25. Bowness Common sample point BC6. <i>Centromerus levitarsis</i> habitat.	30
Figure 26. Glasson Moss sample point locations. 1 km grid.	31
Figure 27. Glasson Moss sample point GM1.....	32
Figure 28. Glasson Moss sample point GM2. <i>Centromerus levitarsis</i> habitat.	32
Figure 29. Glasson Moss sample point GM3.....	33
Figure 30. Glasson Moss sample point GM4.....	33
Figure 31. Wedholme Flow sample point locations. 1 km grid.	34
Figure 32. Wedholme Flow sample point WF1.....	35
Figure 33. Wedholme Flow sample point WF2.....	35
Figure 34. Wedholme Flow sample point WF3.....	36
Figure 35. Wedholme Flow sample point WF7.....	36

Figure 36. <i>Centromerus levitarsis</i> adult female dorsal view, Bowness Common. Scale 1 mm.	37
Figure 37. <i>Centromerus levitarsis</i> adult female ventral view, Bowness Common. Scale 1 mm.	37
Figure 38. Sub-adult male <i>Minicia marginella</i> showing carapace protuberance development and characteristic ‘humbug’ abdominal pattern. Bowness Common sample point BC3.	42
Figure 39. Adult male <i>Minicia marginella</i> showing carapace protuberance and characteristic ‘humbug’ abdominal pattern. Bowness Common sample point BC3.	42
Figure 40. Microscopically sorting the 2-minute vacuum sample from Glasson Moss (sample point GM2) where the entire spider catch was retained.	43
Figure 41. Entire catch from the 2-minute vacuum sample at Glasson Moss (sample point GM2); <i>Minicia marginella</i> being the dominant species with 233 specimens.	43

List of Tables

Table 1. British records of <i>Centromerus levitarsis</i> .	10
Table 2. Oakmere Moss Sample points (17/01/2020).	15
Table 3. Black Lake Sample points (17/01/2020).	17
Table 4. Wybunbury Moss Sample points (03/11/2021).	19
Table 5. Brackenhurst Bog Sample points (04/11/2021).	21
Table 6. Little Budworth Common Sample points (04/11/2021).	23
Table 7. Abbots Moss Sample points (07/11/2021).	26
Table 8. Bowness Common Sample points (05/11/2021).	28
Table 9. Glasson Moss Sample points (05/11/2021).	31
Table 10. Wedholm Flow Sample points (06/11/2021).	34
Table 11. <i>Centromerus levitarsis</i> records from this survey.	38
Table 12. <i>Carorita limnaea</i> records from this survey.	39
Table 13. <i>Glypesis cottonae</i> records from this survey.	40
Table 14. <i>Gnaphosa nigerrima</i> records from this survey.	40
Table 15. <i>Minicia marginella</i> records from this survey.	41
Table 16. <i>Allomengea vidua</i> records from this survey.	44
Table 17. <i>Araeoncus crassiceps</i> records from this survey.	44
Table 18. <i>Bathyphantes setiger</i> records from this survey.	44
Table 19. <i>Erigonella ignobilis</i> records from this survey.	44
Table 20. <i>Euryopis flavomaculata</i> records from this survey.	45
Table 21. <i>Gongylidiellum latebricola</i> records from this survey.	45
Table 22. <i>Hahnia pusilla</i> records from this survey.	45
Table 23. <i>Hypselistes jacksoni</i> records from this survey.	45
Table 24. <i>Hypsosinga albovittata</i> records from this survey.	46
Table 25. <i>Notioscopus sarcinatus</i> records from this survey.	47
Table 26. <i>Satilatlas britteni</i> records from this survey.	47
Table 27. <i>Scotina gracilipes</i> records from this survey.	47
Table 28. <i>Sintula corniger</i> records from this survey.	48
Table 29. <i>Taranucnus setosus</i> records from this survey.	48
Table 30. <i>Theridiosoma gemmosum</i> records from this survey.	48
Table 31. <i>Trochosa spinipalpis</i> records from this survey.	48
Table 32. <i>Walckenaeria nodosa</i> records from this survey.	49
Table 33. 17/01/2020, SJ57636808, Oakmere Moss, sample point OM1 records, Richard Gallon.	52

Table 34. 17/01/2020, SJ57626806, Oakmere Moss, sample point OM2 records, Richard Gallon.....	52
Table 35. 17/01/2020, SJ57656807, Oakmere Moss, sample point OM3 records, Richard Gallon.....	52
Table 36. 17/01/2020, SJ53797088, Black Lake, Delamere Forest, sample point BL1 records, Richard Gallon.....	53
Table 37. 17/01/2020, SJ53747092, Black Lake, Delamere Forest, sample point BL2 records, Richard Gallon.....	53
Table 38. 03/11/2021, SJ69725018, Wybunbury Moss, sample point WM1 records, Richard Gallon.....	53
Table 39. 03/11/2021, SJ69725018, Wybunbury Moss, sample point WM1 records, James McGill.....	54
Table 40. 03/11/2021, SJ69685021, Wybunbury Moss, sample point WM2 records, Richard Gallon.....	54
Table 41. 03/11/2021, SJ69645018, Wybunbury Moss, sample point WM3 records, Richard Gallon.....	55
Table 42. 03/11/2021, SJ69585021, Wybunbury Moss, sample point WM4 records, Richard Gallon.....	55
Table 43. 03/11/2021, SJ69525018, Wybunbury Moss, sample point WM5 records, Richard Gallon.....	56
Table 44. 03/11/2021, SJ69585028, Wybunbury Moss, sample point WM6 records, Richard Gallon.....	56
Table 45. 03/11/2021, SJ69585028, Wybunbury Moss, sample point WM6 records, James McGill.....	57
Table 46. 03/11/2021, SJ69645031, Wybunbury Moss, sample point WM7 records, Richard Gallon.....	57
Table 47. 03/11/2021, SJ69735024, Wybunbury Moss, sample point WM8 records, Richard Gallon.....	57
Table 48. 03/11/2021, SJ69695020, Wybunbury Moss, sample point WM9 records, James McGill.....	58
Table 49. 03/11/2021, SJ69645017, Wybunbury Moss, sample point WM10 records, James McGill.....	58
Table 50. 03/11/2021, SJ69575020, Wybunbury Moss, sample point WM11 records, James McGill.....	59
Table 51. 03/11/2021, SJ69535017, Wybunbury Moss, sample point WM12 records, James McGill.....	59
Table 52. 03/11/2021, SJ69635030, Wybunbury Moss, sample point WM13 records, James McGill.....	60
Table 53. 03/11/2021, SJ69725024, Wybunbury Moss, sample point WM14 records, James McGill.....	60
Table 54. 04/11/2021, SJ59576983, Brackenhurst Bog, sample point BB1 records, Richard Gallon.....	60
Table 55. 04/11/2021, SJ59586980, Brackenhurst Bog, sample point BB2 records, Richard Gallon.....	61
Table 56. 04/11/2021, SJ59656982, Brackenhurst Bog, sample point BB3 records, Richard Gallon.....	61
Table 57. 04/11/2021, SJ59656982, Brackenhurst Bog, sample point BB3 records, James McGill.....	61

Table 58. 04/11/2021, SJ59646983, Brackenhurst Bog, sample point BB4 records, Richard Gallon.....	61
Table 59. 04/11/2021, SJ59566983, Brackenhurst Bog, sample point BB5 records, James McGill.....	62
Table 60. 04/11/2021, SJ59586981, Brackenhurst Bog, sample point BB6 records, James McGill.....	62
Table 61. 04/11/2021, SJ59646982, Brackenhurst Bog, sample point BB7 records, James McGill.....	62
Table 62. 04/11/2021, SJ58796582, Little Budworth Common, Whitehall Moss, sample point LB1 records, Richard Gallon.	62
Table 63. 04/11/2021, SJ58756577, Little Budworth Common, Whitehall Moss, sample point LB2 records, Richard Gallon.	63
Table 64. 04/11/2021, SJ58606571, Little Budworth Common, East Moss, sample point LB3 records, Richard Gallon.	63
Table 65. 04/11/2021, SJ58606571, Little Budworth Common, East Moss, sample point LB3 records, James McGill.	63
Table 66. 04/11/2021, SJ58526574, Little Budworth Common, Central Moss, sample point LB4 records, Richard Gallon.	64
Table 67. 04/11/2021, SJ58526574, Little Budworth Common, Central Moss, sample point LB4 records, James McGill.	64
Table 68. 04/11/2021, SJ58426585, Little Budworth Common, North Moss, sample point LB5 records, Richard Gallon.	65
Table 69. 04/11/2021, SJ58436584, Little Budworth Common, North Moss, sample point LB6 records, Richard Gallon.	65
Table 70. 04/11/2021, SJ58426584, Little Budworth Common, North Moss, sample point LB7 records, James McGill.	65
Table 71. 04/11/2021, SJ58416585, Little Budworth Common, North Moss, sample point LB8 records, James McGill.	66
Table 72. 04/11/2021, SJ58606575, Little Budworth Common, sample point LB9 records, James McGill.	66
Table 73. 04/11/2021, SJ58766578, Little Budworth Common, Whitehall Moss, sample point LB10 records, James McGill.	66
Table 74. 04/11/2021, SJ58796580, Little Budworth Common, Whitehall Moss, sample point LB11 records, James McGill.	67
Table 75. 07/11/2021, SJ59486890, Abbots Moss, Shemmy Moss, sample point AM1 records, Richard Gallon.	67
Table 76. 07/11/2021, SJ59566896, Abbots Moss, Shemmy Moss, sample point AM2 records, Richard Gallon.	67
Table 77. 07/11/2021, SJ59366853, Abbots Moss, South Moss, sample point AM3 records, Richard Gallon.	68
Table 78. 07/11/2021, SJ59366853, Abbots Moss, South Moss, sample point AM3 records, James McGill.	68
Table 79. 07/11/2021, SJ59346858, Abbots Moss, South Moss, sample point AM4 records, Richard Gallon.	69
Table 80. 07/11/2021, SJ59346858, Abbots Moss, South Moss, sample point AM4 records, James McGill.	69
Table 81. 07/11/2021, SJ59476891, Abbots Moss, Shemmy Moss, sample point AM5 records, James McGill.	70

Table 82. 07/11/2021, SJ59556897, Abbots Moss, Shemmy Moss, sample point AM6 records, James McGill.....	70
Table 83. 07/11/2021, SJ59376852, Abbots Moss, South Moss, sample point AM7 records, James McGill.....	71
Table 84. 05/11/2021, NY18025899, Bowness Common, sample point BC1 records, Richard Gallon.....	71
Table 85. 05/11/2021, NY18345911, Bowness Common, sample point BC2 records, Richard Gallon.....	71
Table 86. 05/11/2021, NY18365920, Bowness Common, sample point BC3 records, Richard Gallon.....	71
Table 87. 05/11/2021, NY19035941, Bowness Common, sample point BC4 records, Richard Gallon.....	72
Table 88. 05/11/2021, NY19035941, Bowness Common, sample point BC4 records, James McGill.....	72
Table 89. 05/11/2021, NY18415915, Bowness Common, sample point BC5 records, Richard Gallon.....	73
Table 90. 05/11/2021, NY18365914, Bowness Common, sample point BC6 records, Richard Gallon.....	73
Table 91. 05/11/2021, NY18365914, Bowness Common, sample point BC6 records, James McGill.....	74
Table 92. 05/11/2021, NY18355919, Bowness Common, sample point BC7 records, James McGill.....	74
Table 93. 05/11/2021, NY18395915, Bowness Common, sample point BC8 records, James McGill.....	75
Table 94. 05/11/2021, NY23376054, Glasson Moss, sample point GM1 records, Richard Gallon.....	75
Table 95. 05/11/2021, NY23376054, Glasson Moss, sample point GM1 records, James McGill.....	76
Table 96. 05/11/2021, NY23576064, Glasson Moss, sample point GM2 records, Richard Gallon.....	76
Table 97. 05/11/2021, NY23576064, Glasson Moss, sample point GM2 records, James McGill.....	77
Table 98. 05/11/2021, NY23466040, Glasson Moss, sample point GM3 records, Richard Gallon.....	77
Table 99. 05/11/2021, NY23236045, Glasson Moss, sample point GM4 records, Richard Gallon.....	78
Table 100. 05/11/2021, NY23456045, Glasson Moss, sample point GM5 records, James McGill.....	78
Table 101. 05/11/2021, NY23456039, Glasson Moss, sample point GM6 records, James McGill.....	79
Table 102. 06/11/2021, NY23045375, Wedholme Flow, sample point WF1 records, Richard Gallon.....	79
Table 103. 06/11/2021, NY22095373, Wedholme Flow, sample point WF2 records, Richard Gallon.....	80
Table 104. 06/11/2021, NY22165354, Wedholme Flow, sample point WF3 records, Richard Gallon.....	80
Table 105. 06/11/2021, NY22165354, Wedholme Flow, sample point WF3 records, James McGill.....	80

Table 106. 06/11/2021, NY23245374, Wedholme Flow, sample point WF4 records, Richard Gallon.....	80
Table 107. 06/11/2021, NY23035375, Wedholme Flow, sample point WF5 records, James McGill.....	81
Table 108. 06/11/2021, NY22095374, Wedholme Flow, sample point WF6 records, James McGill.....	81
Table 109. 06/11/2021, NY23255375, Wedholme Flow, sample point WF7 records, James McGill.....	82

Summary

A field survey of the Endangered and Nationally Rare linyphiid spider *Centromerus levitarsis* (Simon, 1884) was undertaken on 17th January 2020, and between 3rd and 7th November 2021. Nine sites were surveyed: Oakmere Moss, Black Lake, Wybunbury Moss, Brackenhurst Bog, Little Budworth Common and Abbots Moss (Cheshire); Bowness Common, Glasson Moss and Wedholme Flow (Cumberland). Previous British records of *C. levitarsis* are presented and its British habitat preferences discussed, suggesting an affinity with unmodified lowland raised bogs.

Centromerus levitarsis could not be relocated at Oakmere Moss, its only known Cheshire site. It was last recorded there in the 1940s and is now considered extinct at this location. Three adult female *C. levitarsis* were recorded at two sites on Bowness Common, representing a new site for this species. A single adult female was found at Glasson Moss, updating the 1971 record from that site.

In total 110 spider, 2 harvestmen, 1 Pseudoscorpion and 1 centipede species were recorded during this survey, and of the spiders, 5 are Nationally Rare and 17 Nationally Scarce.

New winter records are provided for *Carorita limnaea*, *Glyphesis cottonae*, *Gnaphosa nigerrima* and *Minicia marginella*. *Minicia marginella* was found to be abundant at Bowness Common, Glasson Moss and Wedholme Flow, and is newly recorded at each of these raised bogs.

Introduction

Centromerus levitarsis is a small money spider first recorded from Britain in 1906 at Oakmere by A. R. Jackson (1907). Jackson discovered four males and three females on two sampling dates (31 October 1906 & 5 November 1906), describing the specimens as a new species *Centromerus emptus*. Simon (1929) later synonymised *Centromerus emptus* with *Centromerus levitarsis*.

Centromerus levitarsis has only been recorded 16 times from 9 sites in the UK (5 in England and 4 in Scotland) (Downie, 1997; Parker, 1996), with an additional Dartmoor site added in 2022. On Dartmoor the species is known from two Valley Mires at an altitude of 350 m. It has been recorded from four open Lowland Raised Bogs, an Intermediate Bog and an Eccentric Blanket Bog (Table 1).

Table 1. British records of *Centromerus levitarsis*.

Location	VC	Grid ref.	Habitat	Sex	Date	Alt.	Recorder
Oakmere	58	[SJ576680]	-	4M 3F	31 Oct 1906	[83 m]	Jackson
Oakmere	58	[SJ576680]	-		5 Nov 1906	[83 m]	Jackson
Oakmere	58	[SJ576680]	Basin Mire. Damp, mossy area in a wood	-	1940s	[83 m]	Per Locket & Millidge
Glasson Moss	70	NY235605	Raised Bog	-	2 May 1971	[13 m]	John Parker
Biglands Bog	70	NY257536	Valley Mire	-	March 1975	[8 m]	John Parker
Biglands Bog	70	NY257536	Valley Mire	-	5 March 1975	15 m	David Nellist
Fox Tor Mires	3	SX616708	Valley Mire	-	26 May 1973	350 m	John Parker
Fox Tor Mires	3	SX612708	Valley Mire	-	27 May 1979	350 m	Clifford Smith
Silver Flowe NNR, Brishie Bog	73	NX477835	Intermediate Bog. Pitfall	-	1983	275 m	Curtis & Stinglhammer
East Flanders Moss	87	NS621975	Raised Bog. Pitfall	-	1983	[20 m]	Curtis & Stinglhammer
East Flanders Moss	87	NS621979	Raised Bog. Pitfall	-	1983	[21 m]	Curtis & Stinglhammer
East Flanders Moss	87	NS624976	Raised Bog. Pitfall	-	1983	[19 m]	Curtis & Stinglhammer
Kentra Moss	97	NM662686	Eccentric Blanket Bog. Pitfall	2M	23 May 1995	15 m	Iain Downie
Wedholm Flow	70	NY2053	Raised Bog. Pitfall	1F	30 May - 13 Jun 1995	10 m	Natural England Chris Felton
Wedholm Flow	70	NY2053	Raised Bog. Pitfall in <i>Sphagnum</i>	1F	15 Aug 1995	10 m	Natural England Chris Felton
Crossrig	77	NS84076913	Raised Bog. <i>Sphagnum papillosum</i> sieving	1M	11 Oct 2005	[223 m]	Duncan Williams
Muddilake	3	SX61527535	Valley Mire. From <i>Sphagnum</i> and <i>Polytrichum</i> . G-vac	2F	27 Nov 2022	348 m	James McGill

An additional record on the Spider Recording Scheme database for *Centromerus levitarsis* at Biglands Bog has been entered with an incorrect grid reference (SD3582), as a result appearing in Westmorland (VC69).

Locket & Millidge (1953) state “Only British locality is Oakmere, Delamere Forest (Cheshire), where it was frequent (at least up to ten years ago) in a damp, mossy area in a wood.” This suggests the species was still present at Oakmere in the 1940s, although the details of this particular record are unpublished. Locket & Millidge’s Oakmere site description (which is presumably the same as Jackson’s original location) is consistent with Oakmere Moss, a small Basin Mire set within Birch woodland. This small mire is somewhat different to most of the British sites which are expansive, open acid mires, but has similarities to the small mire at Biglands Bog.

In Britain adults have been recorded between March and November (males in May, October and November; females June, August, October and November). An Autumn-Winter-Spring season has been suggested, although published records indicate the species is likely to be mature throughout the year.

It occurs in Europe extending as far as south Siberia and has been recorded from Austria, Belgium, Czechia, Denmark, Estonia, Finland, France, Germany, Ireland, Italy, Liechtenstein, Lithuania, Netherlands, Poland, Romania, Russia, Slovakia, Spain, Sweden, Switzerland, and Ukraine (Nentwig *et al.*, 2024). In Ireland it is known from Clara Bog a raised bog (Nolan, 2003) and Pollardstown Fen a spring-fed calcareous alkaline fen (Helsdingen, 1997). In Denmark it is described as a *Sphagnum* specialist (Glime & Lissner, 2013).

Materials & Methods

This winter survey was undertaken on 17th January 2020, and between 3rd and 7th November 2021. Nine sites were surveyed: Oakmere Moss, Black Lake, Wybunbury Moss, Brackenhurst Bog, Little Budworth Common and Abbots Moss (Cheshire); Bowness Common, Glasson Moss and Wedholme Flow (Cumberland) (Figure 4).

Timed vacuum sampling using G-vacs (Stihl SH 56-CE) was undertaken by two surveyors. A total of 74 vacuum sample points were investigated during the survey, amounting to almost 4.5 hours of vacuuming (Figure 1–3). A representative sample of spiders from each sample was retained for microscopic identification. At one sample point (GM2) on Glasson Moss the entire 2-minute vacuum sample was retained to quantify the abundance of *Minicia marginella*.



Figure 1. Vacuum sampling at Bowness Common.



Figure 2. Sieving vacuum sample at Glasson Moss.



Figure 3. Sieved vacuum sample at Glasson Moss.



Figure 4. Survey sample location overview map (1 km grid).

Oakmere Moss

Table 2. Oakmere Moss Sample points (17/01/2020).

Sample point	Grid ref.	Habitat	G-vac sample duration	Recorder
OM1	SJ57636808	Basin mire. Moss under heather	6 minutes	RG
OM2	SJ57626806	Basin mire. <i>Polytrichum</i>	6 minutes	RG
OM1	SJ57636808	Basin mire. Moss under heather	6 minutes	RG



Figure 5. Oakmere Moss sample point locations. 1 km grid.



Figure 6. Oakmere Moss.

Black Lake, Delamere Forest

Table 3. Black Lake Sample points (17/01/2020).

Sample point	Grid ref.	Habitat	G-vac sample duration	Recorder
BL1	SJ53797088	Schwingmoor with <i>Sphagnum</i> , Bottle sedge and <i>Polytrichum</i>	6 minutes	RG
BL2	SJ53747092	Schwingmoor with <i>Erica</i> , cranberry, <i>Sphagnum</i> & <i>Eriophorum angustifolium</i>	6 minutes	RG



Figure 7. Black Lake sample point locations.



Figure 8. Black Lake sample point BL2, at bags.

Wybunbury Moss

Table 4. Wybunbury Moss Sample points (03/11/2021).

Sample point	Grid ref.	Habitat	G-vac sample duration	Recorder
WM1	SJ69725018	From <i>Sphagnum</i> and <i>Erica tetralix</i>	2 minutes	JM
WM1	SJ69725018	Bog. <i>Erica</i> and <i>Sphagnum</i>	2 minutes	RG
WM2	SJ69685021	Bog. <i>Sphagnum</i> lawn	4 minutes	RG
WM3	SJ69645018	Bog. <i>Erica</i> , <i>Calluna</i> & <i>R. alba</i>	2 minutes	RG
WM4	SJ69585021	Bog. <i>Sphagnum</i> lawn schwingmoor	6 minutes	RG
WM5	SJ69525018	Bog. <i>Molinia</i> and <i>Sphagnum</i>	2 minutes	RG
WM6	SJ69585028	From <i>Sphagnum</i>	2 minutes	JM
WM6	SJ69585028	<i>Sphagnum</i> and <i>Molinia</i> under wet Birch woodland	2 minutes	RG
WM7	SJ69645031	<i>Salix/Betula</i> carr with <i>Sphagnum</i>	2 minutes	RG
WM8	SJ69735024	<i>Phragmites</i> , <i>Sphagnum</i> and <i>Polytrichum</i>	2 minutes	RG
WM9	SJ69695020	From <i>Sphagnum</i>	4 minutes	JM
WM10	SJ69645017	From <i>Sphagnum</i>	2 minutes	JM
WM11	SJ69575020	From <i>Sphagnum</i>	6 minutes	JM
WM12	SJ69535017	From <i>Sphagnum</i> and <i>Molinia caerulea</i>	2 minutes	JM
WM13	SJ69635030	From <i>Sphagnum</i>	2 minutes	JM
WM14	SJ69725024	From <i>Sphagnum</i> and <i>Phragmites australis</i>	4 minutes	JM



Figure 9. Wybunbury Moss sample point locations.



Figure 10. Wybunbury Moss sample point WM4.

Brackenhurst Bog

Table 5. Brackenhurst Bog Sample points (04/11/2021).

Sample point	Grid ref.	Habitat	G-vac sample duration	Recorder
BB1	SJ59576983	<i>E. angustifolium</i> , Sphagnum and Cranberry	2 minutes	RG
BB2	SJ59586980	<i>E. angustifolium</i> , Sphagnum and Cranberry	4 minutes	RG
BB3	SJ59656982	From unmodified raised bog (Sphagnum, <i>Eriophorum vaginatum</i>)	4 minutes	JM
BB3	SJ59656982	Cranberry, Sphagnum and <i>E. vaginatum</i>	2 minutes	RG
BB4	SJ59646983	<i>Juncus effusus</i> lagg	2 minutes	RG
BB5	SJ59566983	From unmodified raised bog (Sphagnum, <i>Erica tetralix</i> , <i>Vaccinium oxycoccus</i>)	2 minutes	JM
BB6	SJ59586981	From unmodified raised bog (Sphagnum, <i>Calluna vulgaris</i> , <i>Vaccinium oxycoccus</i>)	2 minutes	JM
BB7	SJ59646982	From Sphagnum and <i>Juncus effusus</i>	2 minutes	JM

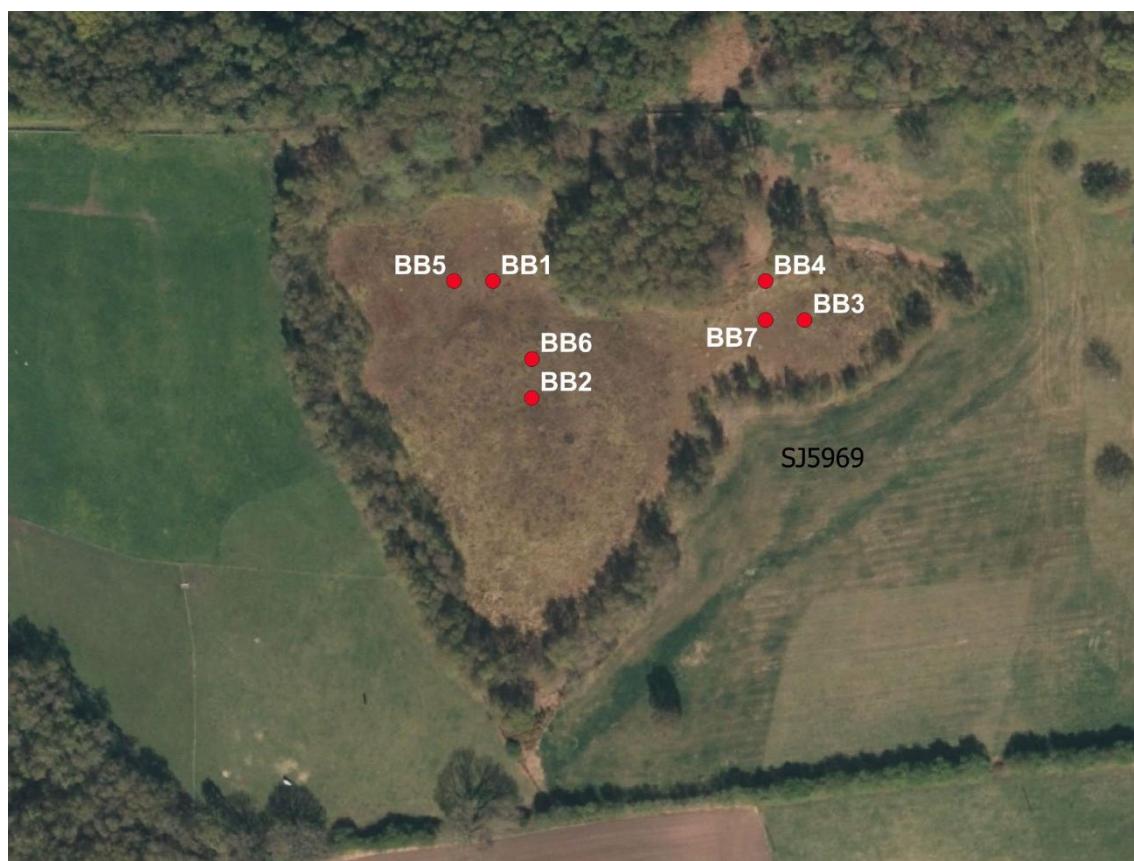


Figure 11. Oakmere Moss sample point locations.



Figure 12. Brackenhurst Bog sample point BB2.

Little Budworth Common

Table 6. Little Budworth Common Sample points (04/11/2021).

Sample point	Grid ref.	Habitat	G-vac sample duration	Recorder
LB1	SJ58796582	Schwingmoor	4 minutes	RG
LB2	SJ58756577	<i>Sphagnum</i> , <i>Polytrichum</i> and Bottle Sedge under Birch	4 minutes	RG
LB3	SJ58606571	From <i>Sphagnum</i> and <i>Erica tetralix</i>	2 minutes	JM
LB3	SJ58606571	Schwingmoor	2 minutes	RG
LB4	SJ58526574	From unmodified raised bog (<i>Sphagnum</i> , <i>Erica tetralix</i> , <i>Vaccinium oxycoccus</i>)	4 minutes	JM
LB4	SJ58526574	Schwingmoor	2 minutes	RG
LB5	SJ58426585	<i>Juncus</i> and <i>Sphagnum</i> . High water level	2 minutes	RG
LB6	SJ58436584	<i>E. angustifolium</i> , <i>Sphagnum</i> and <i>Erica</i>	2 minutes	RG
LB7	SJ58426584	From <i>Sphagnum</i> and <i>Juncus effusus</i>	2 minutes	JM
LB8	SJ58416585	From <i>Sphagnum</i> and <i>Molinia caerulea</i>	2 minutes	JM
LB9	SJ58606575	Cleared area with regenerating <i>Calluna vulgaris</i>	-	JM
LB10	SJ58766578	From unmodified raised bog (<i>Sphagnum</i> , <i>Polytrichum</i>)	4 minutes	JM
LB11	SJ58796580	From unmodified raised bog (<i>Sphagnum</i>)	4 minutes	JM



Figure 13. Little Budworth Common sample point locations.



Figure 14. Whitehall Moss, Little Budworth Common sample point LB2.



Figure 15. East Moss, Little Budworth Common sample point LB3.



Figure 16. Central Moss, Little Budworth Common sample point LB4.



Figure 17. North Moss, Little Budworth Common sample point LB5.

Abbots Moss

Table 7. Abbots Moss Sample points (07/11/2021).

Sample point	Grid ref.	Habitat	G-vac sample duration	Recorder
AM1	SJ59486890	Bog	6 minutes	RG
AM2	SJ59566896	Bog. <i>Erica</i> , Heather and Cranberry	6 minutes	RG
AM3	SJ59366853	From unmodified raised bog (<i>Sphagnum</i> , <i>Polytrichum</i> , <i>Vaccinium oxycoccus</i>)	6 minutes	JM
AM3	SJ59366853	Bog. Cranberry, <i>Sphagnum</i> and <i>Polytrichum</i>	6 minutes	RG
AM4	SJ59346858	From unmodified raised bog (<i>Sphagnum</i> , <i>Calluna vulgaris</i> , <i>Vaccinium oxycoccus</i>)	6 minutes	JM
AM4	SJ59346858	Bog. Heather, Cranberry and <i>Sphagnum</i>	6 minutes	RG
AM5	SJ59476891	From unmodified raised bog (<i>Sphagnum</i> , <i>Erica tetralix</i> , <i>Vaccinium oxycoccus</i>)	6 minutes	JM
AM6	SJ59556897	From unmodified raised bog (<i>Sphagnum</i> , <i>Erica tetralix</i> , <i>Vaccinium oxycoccus</i>)	6 minutes	JM
AM7	SJ59376852	From unmodified raised bog (<i>Sphagnum</i> , <i>Eriophorum angustifolium</i>)	2 minutes	JM



Figure 18. Abbots Moss sample point locations. 1 km grid.



Figure 19. Shemmy Moss, Abbots Moss sample point AM1.



Figure 20. South Moss, Abbots Moss sample point AM3.

Bowness Common

Table 8. Bowness Common Sample points (05/11/2021).

Sample point	Grid ref.	Habitat	G-vac sample duration	Recorder
BC1	NY18025899	On sign		RG
BC2	NY18345911	On sign		RG
BC3	NY18365920	Uncut raised bog	6 minutes	RG
BC4	NY19035941	From unmodified raised bog (<i>Calluna vulgaris</i> , <i>Erica tetralix</i> , <i>Sphagnum</i>)	4 minutes	JM
BC4	NY19035941	Uncut raised bog	4 minutes	RG
BC5	NY18415915	<i>Sphagnum</i> and <i>E. vaginatum</i> . Old peat cutting	6 minutes	RG
BC6	NY18365914	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)	2 minutes	JM
BC6	NY18365914	Saturated <i>Sphagnum</i> lawn. Old peat cutting	2 minutes	RG
BC7	NY18355919	From unmodified raised bog (<i>Sphagnum</i> , <i>Calluna vulgaris</i> , <i>Erica tetralix</i>)	6 minutes	JM
BC8	NY18395915	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)	6 minutes	JM

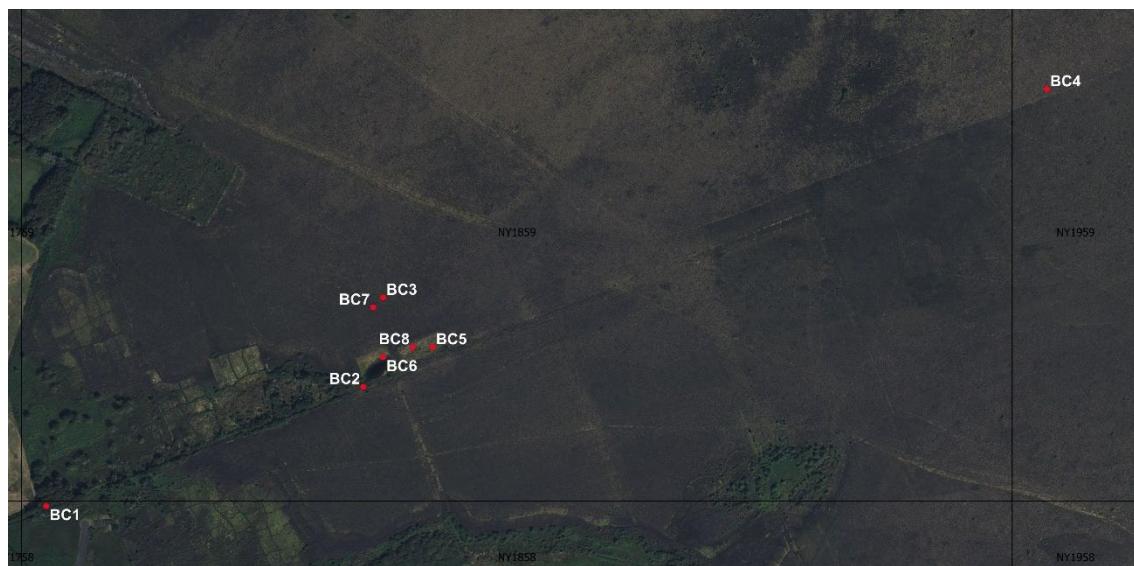


Figure 21. Bowness Common sample point locations. 1 km grid.



Figure 22. Bowness Common sample point BC3.



Figure 23. Bowness Common sample point BC4. *Centromerus levitarsis* habitat.



Figure 24. Bowness Common sample point BC4. *Centromerus levitarsis* habitat.



Figure 25. Bowness Common sample point BC6. *Centromerus levitarsis* habitat.

Glasson Moss

Table 9. Glasson Moss Sample points (05/11/2021).

Sample point	Grid ref.	Habitat	G-vac sample duration	Recorder
GM1	NY23376054	From unmodified raised bog (<i>Sphagnum</i> , <i>Calluna vulgaris</i> , <i>Rhynchospora alba</i>)	6 minutes	JM
GM1	NY23376054	Uncut raised bog	6 minutes	RG
GM2	NY23576064	From unmodified raised bog (<i>Sphagnum</i>)	2 minutes	JM
GM2	NY23576064	Uncut raised bog	2 minutes	RG
GM3	NY23466040	Uncut raised bog. Heather	2 minutes	RG
GM4	NY23236045	Raised bog. Old peat cutting	2 minutes	RG
GM5	NY23456045	From unmodified raised bog (<i>Sphagnum</i> and <i>Molinia caerulea</i>)	4 minutes	JM
GM6	NY23456039	From unmodified raised bog (<i>Sphagnum</i>)	2 minutes	JM



Figure 26. Glasson Moss sample point locations. 1 km grid.



Figure 27. Glasson Moss sample point GM1.



Figure 28. Glasson Moss sample point GM2. *Centromerus levitarsis* habitat.



Figure 29. Glasson Moss sample point GM3.



Figure 30. Glasson Moss sample point GM4.

Wedholme Flow

Table 10. Wedholm Flow Sample points (06/11/2021).

Sample point	Grid ref.	Habitat	G-vac sample duration	Recorder
WF1	NY23045375	Uncut raised bog	2 minutes	RG
WF2	NY22095373	Raised bog. Heather	2 minutes	RG
WF3	NY22165354	From revegetated ditch (<i>Sphagnum</i>)	2 minutes	JM
WF3	NY22165354	Raised bog. <i>Sphagnum</i> islands in ditch	2 minutes	RG
WF4	NY23245374	Raised bog peat cutting. <i>Sphagnum</i> , <i>Juncus</i> and Birch	4 minutes	RG
WF5	NY23035375	From unmodified raised bog (<i>Sphagnum</i> , <i>Calluna vulgaris</i>)	2 minutes	JM
WF6	NY22095374	From unmodified raised bog (<i>Sphagnum</i> and <i>Calluna vulgaris</i>)	2 minutes	JM
WF7	NY23255375	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)	6 minutes	JM



Figure 31. Wedholme Flow sample point locations. 1 km grid.



Figure 32. Wedholme Flow sample point WF1.



Figure 33. Wedholme Flow sample point WF2.



Figure 34. Wedholme Flow sample point WF3.



Figure 35. Wedholme Flow sample point WF7.

Results and Discussion

Centromerus levitarsis (Simon, 1884)

Endangered and Nationally Rare



Figure 36. *Centromerus levitarsis* adult female dorsal view, Bowness Common. Scale 1 mm.



Figure 37. *Centromerus levitarsis* adult female ventral view, Bowness Common. Scale 1 mm.

Centromerus levitarsis was not found at any of the six Cheshire mire sites investigated during this survey. Four female *C. levitarsis* were recorded from the Solway Mosses from lowland raised bogs: 3 females on Bowness Common (Figures 36–37) and 1 female from Glasson Moss (Table 11). These represent the first records for Bowness Common and update the only previous record from Glasson Moss, dated 2nd May 1971.

Table 11. *Centromerus levitarsis* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1F	05/11/2021	NY19035941	Bowness Common	BC4*	Uncut raised bog
1F	05/11/2021	NY19035941	Bowness Common	BC4	From unmodified raised bog (<i>Calluna vulgaris</i> , <i>Erica tetralix</i> , <i>Sphagnum</i>)
1F	05/11/2021	NY18365914	Bowness Common	BC6	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)
1F	05/11/2021	NY23576064	Glasson Moss	GM2*	Uncut raised bog
Records Richard Gallon* & James McGill					

Peat bogs in Britain have received considerable survey attention in recent years, particularly the Mosses of the Shropshire-Cheshire Plain and Welsh sites (Felton & Judd, 1997; Felton, 1997a, 1997b; Gallon, 2018a, 2018b, 2022, 2023; Holmes *et al.*, 1991a, 1991b, 1995a–c; Judd, 1994, 1996; Scott, 2001). It is thus surprising that *Centromerus levitarsis* has not been recorded from more locations in Britain, given it has a wide maturity period and geographic spread. Previous British records suggest that the species favours particular acidic mire types and most records are from Lowland Raised Bogs, or mires displaying similar characteristics to these. It has traditionally been described as a Blanket Bog species in Britain, although this is based on only two records from Brishie Bog and Kentra Moss. These two bogs are not typical Blanket Bogs, with Brishie classified as an Intermediate Bog and Kentra as an Eccentric Blanket Bog, and so both have characteristics of Raised Bogs to some degree. On Dartmoor it is found at two upland Valley Mires, and the Biglands Bog site is also a Valley Mire, but with characteristics of the Cheshire Mosses.

In this current survey 84 minutes of vacuuming suitable raised bog habitat at Bowness Common, Glasson Moss and Wedholme Flow (sites known to support *C. levitarsis*), recovered only four females from two of the three bogs. This clearly demonstrates that this species occurs at low densities and would, in part, explain the paucity of British records.

Oakmere Moss is the original British site for *C. levitarsis* and the only recorded Cheshire locality. This basin mire is small (60 x 40 m) and set within birch woodland. *Centromerus levitarsis* was first recorded there in late 1906 by Jackson, however Locket & Millidge (1953) indicate that it was still present there up to the 1940s. Parker (1996) notes that the site is said to be drying out.

Oakmere Moss has been visited by arachnologists at least three times since *C. levitarsis* was last recorded there in the 1940s (Scott, 2001; Gallon, 2018a). Gallon (2018a) undertook 8 minutes of vacuuming there, and a further 18 minutes of vacuuming has been undertaken there for this current survey. With Scott's survey, and 26 minutes of vacuuming deployed on this tiny mire failing to rediscover *C. levitarsis*, it is probably safe to declare that *C. levitarsis* is locally extinct at Oakmere Moss.

Threats to *Centromerus levitarsis*

The favoured Raised Bog habitat of *Centromerus levitarsis* is prone to fire, particularly with climate change exacerbating prolonged periods of hot dry weather in summer. Fire risk has been somewhat ameliorated at some Raised Bogs where bunding and re-wetting projects are ensuring bog surfaces remain wetter for longer. Given their isolated nature (many set within highly modified agricultural land), a comprehensive burn of the entire surface of a Raised Bog has the potential to extirpate *C. levitarsis* and other specialist bog invertebrates.

Many Raised Bogs in the wider Solway region have been mined for horticultural peat deposits, and this continues at some sites. Where bog surfaces have been drained and comprehensively milled of their peat, it is very unlikely that remnant populations of specialist bog invertebrates will persist. Almost all the British records of *C. levitarsis* have come from areas of unmodified bog surface or small revegetated traditional peat cuttings close to unmodified bog. This suggests that *C. levitarsis* is highly specialised in its habitat requirements.

Other recorded species

In total 110 spider, 2 harvestmen, 1 Pseudoscorpion and 1 centipede species were recorded during this survey (see appendices). Of the 110 spider species, 5 are Nationally Rare and 17 Nationally Scarce.

Nationally Rare spiders

Five Nationally Rare spider species were recorded, including *Centromerus levitarsis*.

Carorita limnaea (Crosby & Bishop, 1927)

Thirteen specimens of *Carorita limnaea*, a Nationally Rare, Vulnerable linyphiid spider were recorded at Wybunbury Moss (Table 12), one of its two known British sites. Males and females were found extending the known maturity period of this species into winter.

Table 12. *Carorita limnaea* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1M 2F	03/11/2021	SJ69685021	Wybunbury Moss	WM2*	Bog. <i>Sphagnum</i> lawn
1F	03/11/2021	SJ69645018	Wybunbury Moss	WM3*	Bog. <i>Erica</i> , <i>Calluna</i> & <i>R. alba</i>
1M 2F	03/11/2021	SJ69585021	Wybunbury Moss	WM4*	Bog. <i>Sphagnum</i> lawn schwimgmoor
1M 1F	03/11/2021	SJ69695020	Wybunbury Moss	WM9	From <i>Sphagnum</i>
2F	03/11/2021	SJ69645017	Wybunbury Moss	WM10	From <i>Sphagnum</i>
2F	03/11/2021	SJ69725024	Wybunbury Moss	WM14	From <i>Sphagnum</i> and <i>Phragmites australis</i>
Records Richard Gallon* & James McGill					

Glyphesis cottonae (La Touche, 1945)

A total of five specimens of *Glyphesis cottonae* (Nationally Rare, Vulnerable) was found at three known sites for this species (Table 13).

Table 13. *Glyphesis cottonae* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1M	17/01/2020	SJ57656807	Oakmere Moss	OM3*	Schwingmoor with <i>Sphagnum</i> , Bottle sedge and little <i>Molinia</i>
2F	07/11/2021	SJ59486890	Abbots Moss, Shemmy Moss	AM1*	Bog
1F	04/11/2021	SJ59656982	Brackenhurst Bog	BB3	From unmodified bog (<i>Sphagnum</i> , <i>Eriophorum vaginatum</i>)
1F	07/11/2021	SJ59556897	Abbots Moss, Shemmy Moss	AM6	From unmodified raised bog (<i>Sphagnum</i> , <i>Erica tetralix</i> , <i>Vaccinium oxycoccus</i>)
Records Richard Gallon* & James McGill					

Gnaphosa nigerrima L. Koch, 1877

Eighteen immature *Gnaphosa nigerrima* were found at Wybunbury Moss during this survey (Table 14). This species is only known from two schwingmoor sites in Britain (Cranberry Bog & Wybunbury Moss).

Table 14. *Gnaphosa nigerrima* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
3i	03/11/2021	SJ69685021	Wybunbury Moss	WM2*	Bog. <i>Sphagnum</i> lawn
2i	03/11/2021	SJ69645018	Wybunbury Moss	WM3*	Bog. <i>Erica</i> , <i>Calluna</i> & <i>R. alba</i>
5i	03/11/2021	SJ69695020	Wybunbury Moss	WM9	From <i>Sphagnum</i>
4i	03/11/2021	SJ69645017	Wybunbury Moss	WM10	From <i>Sphagnum</i>
4i	03/11/2021	SJ69575020	Wybunbury Moss	WM11	From <i>Sphagnum</i>
Records Richard Gallon* & James McGill					

Minicia marginella (Wider, 1834)

Minicia marginella is a well-marked linyphiid spider known previously in Britain from only two sites. In Britain it was first recorded at the base of chalk cliffs near Dover, Kent (Snazell, 1991, 1992), but has been found more recently at Butterburn Flow & Drumburgh Moss, Cumbria in raised/blanket bog habitat (Gallon, 2021; Wilson, 2016). It is recognised as a raised bog specialist in Denmark (Glime & Lissner, 2013) and Ireland (Nolan, 2007).

Minicia marginella was found to be abundant at Bowness Common, Glasson Moss and Wedholme Flow, with these finds representing the first site records at all three locations (Table 15). A single 2-minute vacuum sample at Glasson Moss (Figures 40–41) recovered 233 specimens of *M. marginella* and it was by far the most abundant species in the sample (Table 96). Given that Chris Felton (1995) examined pitfall material from both Glasson Moss and Wedholme Flow, it is remarkable that such a now-dominant species would have evaded detection at these sites previously. It may suggest that *M. marginella* has only recently established at these sites, or that populations have responded dramatically to different environmental conditions.

Table 15. *Minicia marginella* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1M 2F 21iM 19iF	05/11/2021	NY18365920	Bowness Common	BC3*	Uncut raised bog
2M 2F 8iM 8iF	05/11/2021	NY19035941	Bowness Common	BC4*	Uncut raised bog
51i	05/11/2021	NY19035941	Bowness Common	BC4	From unmodified raised bog (<i>Calluna vulgaris</i> , <i>Erica tetralix</i> , <i>Sphagnum</i>)
4M 4F 1iM 2iF	05/11/2021	NY18415915	Bowness Common	BC5*	<i>Sphagnum</i> and <i>E. vaginatum</i> . Old peat cutting
1F 1iM 1iF	05/11/2021	NY18365914	Bowness Common	BC6*	Saturated <i>Sphagnum</i> lawn. Old peat cutting
1F	05/11/2021	NY18365914	Bowness Common	BC6	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)
2M 4F 68i	05/11/2021	NY18355919	Bowness Common	BC7	From unmodified raised bog (<i>Sphagnum</i> , <i>Calluna vulgaris</i> , <i>Erica tetralix</i>)
4i	05/11/2021	NY18395915	Bowness Common	BC8	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)
3M 2F 21iM 18iF	05/11/2021	NY23376054	Glasson Moss	GM1*	Uncut raised bog
1M 4F 93i	05/11/2021	NY23376054	Glasson Moss	GM1	From unmodified raised bog (<i>Sphagnum</i> , <i>Calluna vulgaris</i> , <i>Rhynchospora alba</i>)
1M 3F 104iM 125iF	05/11/2021	NY23576064	Glasson Moss	GM2*	Uncut raised bog
1F 20i	05/11/2021	NY23576064	Glasson Moss	GM2	From unmodified raised bog (<i>Sphagnum</i>)
1F 13iM 6iF	05/11/2021	NY23466040	Glasson Moss	GM3*	Uncut raised bog. Heather
1iM 2iF	05/11/2021	NY23236045	Glasson Moss	GM4*	Raised bog. Old peat cutting
38i	05/11/2021	NY23456039	Glasson Moss	GM6	From unmodified raised bog (<i>Sphagnum</i>)
1iF	06/11/2021	NY23045375	Wedholme Flow	WF1*	Uncut raised bog
1iM 2iF	06/11/2021	NY22095373	Wedholme Flow	WF2*	Raised bog. Heather
1i	06/11/2021	NY22095374	Wedholme Flow	WF6	From unmodified raised bog (<i>Sphagnum</i> and <i>Calluna vulgaris</i>)
Records Richard Gallon* & James McGill					



Figure 38. Sub-adult male *Minicia marginella* showing carapace protuberance development and characteristic 'humbug' abdominal pattern. Bowness Common sample point BC3.



Figure 39. Adult male *Minicia marginella* showing carapace protuberance and characteristic 'humbug' abdominal pattern. Bowness Common sample point BC3.



Figure 40. Microscopically sorting the 2-minute vacuum sample from Glasson Moss (sample point GM2) where the entire spider catch was retained.

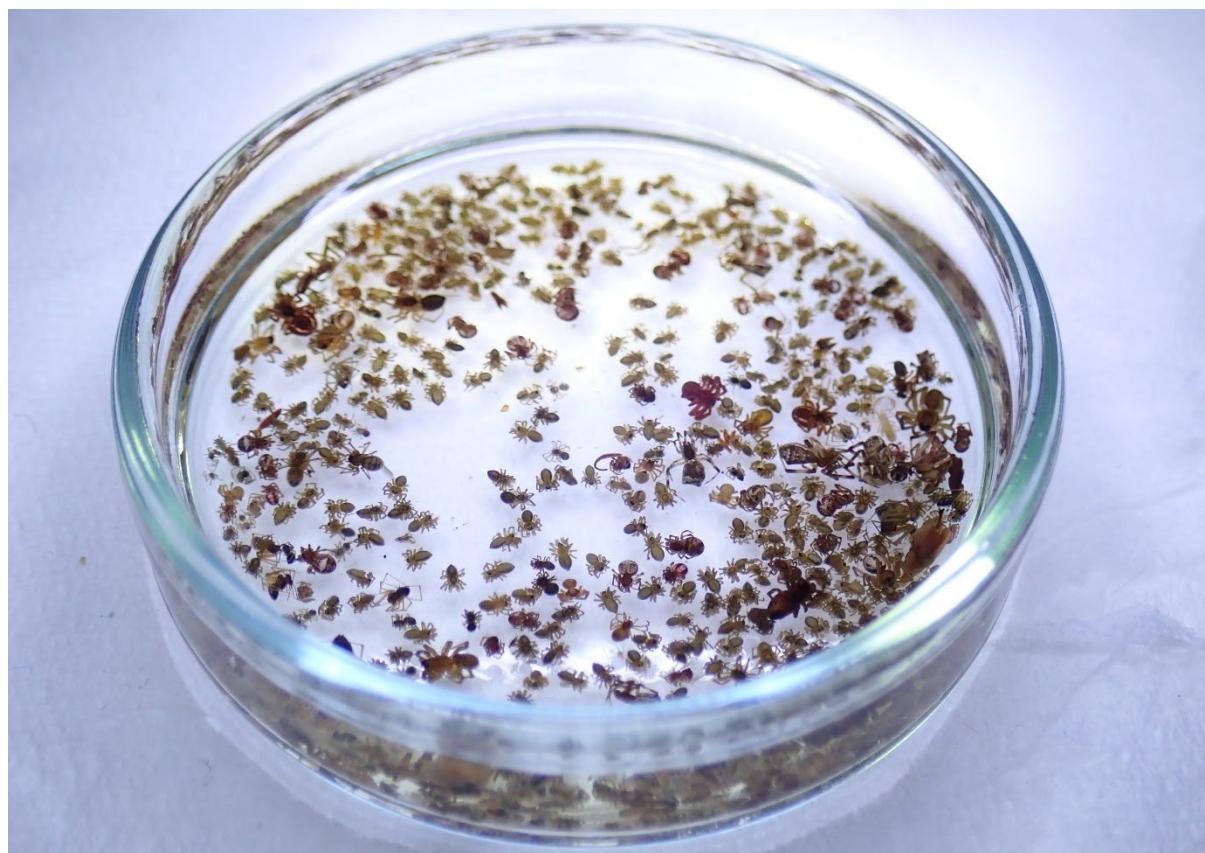


Figure 41. Entire catch from the 2-minute vacuum sample at Glasson Moss (sample point GM2); *Minicia marginella* being the dominant species with 233 specimens.

Nationally Scarce spiders

Seventeen Nationally Scarce species of spider were recorded during the survey:

***Allomengea vidua* (L. Koch, 1879)**

Table 16. *Allomengea vidua* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1F	06/11/2021	NY23255375	Wedholme Flow	WF7	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)
Record James McGill					

***Araeoncus crassiceps* (Westring, 1861)**

Table 17. *Araeoncus crassiceps* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1M	05/11/2021	NY23376054	Glasson Moss	GM1*	Uncut raised bog
1M	05/11/2021	NY23236045	Glasson Moss	GM4*	Raised bog. Old peat cutting
1F	05/11/2021	NY18365914	Bowness Common	BC6	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)
Records Richard Gallon* & James McGill					

***Bathyphantes setiger* F. O. P.-Cambridge, 1894**

Table 18. *Bathyphantes setiger* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1F	17/01/2020	SJ53797088	Black Lake, Delamere Forest	BL1*	Schwingmoor with <i>Sphagnum</i> , Bottle sedge and <i>Polytrichum</i>
1M	05/11/2021	NY18415915	Bowness Common	BC5*	<i>Sphagnum</i> and <i>E. vaginatum</i> . Old peat cutting
1F	05/11/2021	NY18355919	Bowness Common	BC7	From unmodified raised bog (<i>Sphagnum</i> , <i>Calluna vulgaris</i> , <i>Erica tetralix</i>)
1F	05/11/2021	NY23236045	Glasson Moss	GM4*	Raised bog. Old peat cutting
1F	06/11/2021	NY23035375	Wedholme Flow	WF5	From unmodified raised bog (<i>Sphagnum</i> , <i>Calluna vulgaris</i>)
1F	06/11/2021	NY23255375	Wedholme Flow	WF7	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)
Records Richard Gallon* & James McGill					

***Erigonella ignobilis* (O. P.-Cambridge, 1871)**

Table 19. *Erigonella ignobilis* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
23M 31F	17/01/2020	SJ53797088	Black Lake, Delamere Forest	BL1	Schwingmoor with <i>Sphagnum</i> , Bottle sedge and <i>Polytrichum</i>
1M	17/01/2020	SJ53747092	Black Lake, Delamere Forest	BL2	Schwingmoor with <i>Erica</i> , cranberry, <i>Sphagnum</i> & <i>Eriophorum angustifolium</i>
Records Richard Gallon					

***Euryopis flavomaculata* (C. L. Koch, 1836)**

Table 20. *Euryopis flavomaculata* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1i	07/11/2021	SJ59556897	Abbots Moss, Shemmy Moss	AM6	From unmodified raised bog (<i>Sphagnum</i> , <i>Erica tetralix</i> , <i>Vaccinium oxycoccus</i>)
Record James McGill					

***Gongyliodiellum latebricola* (O. P.-Cambridge, 1871)**

Table 21. *Gongyliodiellum latebricola* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1F	05/11/2021	NY18415915	Bowness Common	BC5*	<i>Sphagnum</i> and <i>E. vaginatum</i> . Old peat cutting
2F	05/11/2021	NY23376054	Glasson Moss	GM1	From unmodified raised bog (<i>Sphagnum</i> , <i>Calluna vulgaris</i> , <i>Rhynchospora alba</i>)
1F	05/11/2021	NY23576064	Glasson Moss	GM2*	Uncut raised bog
1F	05/11/2021	NY23466040	Glasson Moss	GM3*	Uncut raised bog. Heather
Records Richard Gallon* & James McGill					

***Hahnia pusilla* C. L. Koch, 1841**

Table 22. *Hahnia pusilla* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1M	03/11/2021	SJ69725018	Wybunbury Moss	WM1*	Bog. <i>Erica</i> and <i>Sphagnum</i>
Records Richard Gallon*					

***Hypselistes jacksoni* (O. P.-Cambridge, 1902)**

Table 23. *Hypselistes jacksoni* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1F	04/11/2021	SJ59586980	Brackenhurst Bog	BB2*	<i>E. angustifolium</i> , <i>Sphagnum</i> and Cranberry
3M 3F	04/11/2021	SJ58796582	Little Budworth Common, Whitehall Moss	LB1*	Schwingmoor
1M 2F	04/11/2021	SJ58606571	Little Budworth Common, East Moss	LB3*	Schwingmoor
2F	04/11/2021	SJ58606571	Little Budworth Common, East Moss	LB3	From <i>Sphagnum</i> and <i>Erica tetralix</i>
7M 2F	04/11/2021	SJ58526574	Little Budworth Common, Central Moss	LB4*	Schwingmoor
5M 5F	04/11/2021	SJ58526574	Little Budworth Common, Central Moss	LB4	From unmodified raised bog (<i>Sphagnum</i> , <i>Erica tetralix</i> , <i>Vaccinium oxycoccus</i>)
1M 1F	04/11/2021	SJ58426585	Little Budworth Common, North Moss	LB5*	<i>Juncus</i> and <i>Sphagnum</i> . High water level
1M	04/11/2021	SJ58426584	Little Budworth Common, North Moss	LB7	From <i>Sphagnum</i> and <i>Juncus effusus</i>
3M 6F	04/11/2021	SJ58416585	Little Budworth Common, North Moss	LB8	From <i>Sphagnum</i> and <i>Molinia caerulea</i>

1F	04/11/2021	SJ58766578	Little Budworth Common, Whitehall Moss	LB10	From unmodified raised bog (<i>Sphagnum, Polytrichum</i>)
6F	04/11/2021	SJ58796580	Little Budworth Common, Whitehall Moss	LB11	From unmodified raised bog (<i>Sphagnum</i>)
1M 6F	07/11/2021	SJ59486890	Abbots Moss, Shemmy Moss	AM1*	Bog
4M 2F	07/11/2021	SJ59566896	Abbots Moss, Shemmy Moss	AM2*	Bog. <i>Erica</i> , Heather and Cranberry
1M 4F	07/11/2021	SJ59366853	Abbots Moss, South Moss	AM3	From unmodified raised bog (<i>Sphagnum, Polytrichum, Vaccinium oxycoccus</i>)
1M 3F	07/11/2021	SJ59346858	Abbots Moss, South Moss	AM4	From unmodified raised bog (<i>Sphagnum, Calluna vulgaris, Vaccinium oxycoccus</i>)
1M 3F	07/11/2021	SJ59476891	Abbots Moss, Shemmy Moss	AM5	From unmodified raised bog (<i>Sphagnum, Erica tetralix, Vaccinium oxycoccus</i>)
17M 15F	07/11/2021	SJ59556897	Abbots Moss, Shemmy Moss	AM6	From unmodified raised bog (<i>Sphagnum, Erica tetralix, Vaccinium oxycoccus</i>)
2F	05/11/2021	NY18415915	Bowness Common	BC5*	<i>Sphagnum</i> and <i>E. vaginatum</i> . Old peat cutting
3F	05/11/2021	NY18395915	Bowness Common	BC8	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)
3M 1F	05/11/2021	NY23456045	Glasson Moss	GM5	From unmodified raised bog (<i>Sphagnum</i> and <i>Molinia caerulea</i>)
1M 1F	06/11/2021	NY23045375	Wedholme Flow	WF1*	Uncut raised bog
2F	06/11/2021	NY22095373	Wedholme Flow	WF2*	Raised bog. Heather
1M	06/11/2021	NY23245374	Wedholme Flow	WF4*	Raised bog peat cutting. <i>Sphagnum, Juncus</i> and Birch
1M 7F	06/11/2021	NY23255375	Wedholme Flow	WF7	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)
Records Richard Gallon* & James McGill					

Hypsosinga albovittata (Westring, 1851)

Table 24. *Hypsosinga albovittata* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
2M 1F	05/11/2021	NY18365920	Bowness Common	BC3*	Uncut raised bog
4i	05/11/2021	NY19035941	Bowness Common	BC4	From unmodified raised bog (<i>Calluna vulgaris, Erica tetralix, Sphagnum</i>)
5i	05/11/2021	NY18355919	Bowness Common	BC7	From unmodified raised bog (<i>Sphagnum, Calluna vulgaris, Erica tetralix</i>)
1iM 1iF	05/11/2021	NY23376054	Glasson Moss	GM1*	Uncut raised bog
2i	05/11/2021	NY23376054	Glasson Moss	GM1	From unmodified raised bog (<i>Sphagnum, Calluna vulgaris, Rhynchospora alba</i>)
1iM 1iF 1i	05/11/2021	NY23576064	Glasson Moss	GM2*	Uncut raised bog
1iM	05/11/2021	NY23466040	Glasson Moss	GM3*	Uncut raised bog. Heather
1iF	05/11/2021	NY23236045	Glasson Moss	GM4*	Raised bog. Old peat cutting
1i	06/11/2021	NY22165354	Wedholme Flow	WF3	From revegetated ditch (<i>Sphagnum</i>)
1i	06/11/2021	NY22095374	Wedholme Flow	WF6	From unmodified raised bog (<i>Sphagnum</i> and <i>Calluna vulgaris</i>)
Records Richard Gallon* & James McGill					

***Notioscopus sarcinatus* (O. P.-Cambridge, 1872)**

Table 25. *Notioscopus sarcinatus* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1M 2F	03/11/2021	SJ69725018	Wybunbury Moss	WM1*	Bog. <i>Erica</i> and <i>Sphagnum</i>
1F	03/11/2021	SJ69725018	Wybunbury Moss	WM1	From <i>Sphagnum</i> and <i>Erica tetralix</i>
7M 22F	03/11/2021	SJ69685021	Wybunbury Moss	WM2*	Bog. <i>Sphagnum</i> lawn
9M 19F	03/11/2021	SJ69585021	Wybunbury Moss	WM4*	Bog. <i>Sphagnum</i> lawn schwimgmoor
4M 6F	03/11/2021	SJ69525018	Wybunbury Moss	WM5*	Bog. <i>Molinia</i> and <i>Sphagnum</i>
4M 2F	03/11/2021	SJ69585028	Wybunbury Moss	WM6*	<i>Sphagnum</i> and <i>Molinia</i> under wet Birch woodland
4M 3F	03/11/2021	SJ69585028	Wybunbury Moss	WM6	From <i>Sphagnum</i>
4M 9F	03/11/2021	SJ69735024	Wybunbury Moss	WM8*	<i>Phragmites</i> , <i>Sphagnum</i> and <i>Polytrichum</i>
12M 21F	03/11/2021	SJ69695020	Wybunbury Moss	WM9	From <i>Sphagnum</i>
1F	03/11/2021	SJ69645017	Wybunbury Moss	WM10	From <i>Sphagnum</i>
17M 17F	03/11/2021	SJ69575020	Wybunbury Moss	WM11	From <i>Sphagnum</i>
2M 1F	03/11/2021	SJ69535017	Wybunbury Moss	WM12	From <i>Sphagnum</i> and <i>Molinia caerulea</i>
13M 23F	03/11/2021	SJ69635030	Wybunbury Moss	WM13	From <i>Sphagnum</i>
7M 14F	03/11/2021	SJ69725024	Wybunbury Moss	WM14	From <i>Sphagnum</i> and <i>Phragmites australis</i>
1M	05/11/2021	NY19035941	Bowness Common	BC4	From unmodified raised bog (<i>Calluna vulgaris</i> , <i>Erica tetralix</i> , <i>Sphagnum</i>)
Records Richard Gallon* & James McGill					

***Satilatlas britteni* (Jackson, 1913)**

Table 26. *Satilatlas britteni* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1iM	17/01/2020	SJ53747092	Black Lake, Delamere Forest	BL2*	Schwingmoor with <i>Erica</i> , cranberry, <i>Sphagnum</i> & <i>Eriophorum angustifolium</i>
Record Richard Gallon*					

***Scotina gracilipes* (Blackwall, 1859)**

Table 27. *Scotina gracilipes* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1F	03/11/2021	SJ69685021	Wybunbury Moss	WM2*	Bog. <i>Sphagnum</i> lawn
1F	03/11/2021	SJ69645018	Wybunbury Moss	WM3*	Bog. <i>Erica</i> , <i>Calluna</i> & <i>R. alba</i>
1F	03/11/2021	SJ69585021	Wybunbury Moss	WM4*	Bog. <i>Sphagnum</i> lawn schwimgmoor
3F	03/11/2021	SJ69645017	Wybunbury Moss	WM10	From <i>Sphagnum</i>
2F	05/11/2021	NY18355919	Bowness Common	BC7	From unmodified raised bog (<i>Sphagnum</i> , <i>Calluna vulgaris</i> , <i>Erica tetralix</i>)
1F	05/11/2021	NY23376054	Glasson Moss	GM1*	Uncut raised bog
1F	05/11/2021	NY23376054	Glasson Moss	GM1	From unmodified raised bog (<i>Sphagnum</i> , <i>Calluna vulgaris</i> , <i>Rhynchospora alba</i>)
2i	05/11/2021	NY23576064	Glasson Moss	GM2*	Uncut raised bog
1i	05/11/2021	NY23466040	Glasson Moss	GM3*	Uncut raised bog. Heather

2F	05/11/2021	NY23236045	Glasson Moss	GM4*	Raised bog. Old peat cutting
1F	05/11/2021	NY23456039	Glasson Moss	GM6	From unmodified raised bog (<i>Sphagnum</i>)
Records Richard Gallon* & James McGill					

***Sintula corniger* (Blackwall, 1856)**

Table 28. *Sintula corniger* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1M	17/01/2020	SJ57636808	Oakmere Moss	OM1*	Basin mire. Moss under heather
1F	17/01/2020	SJ57626806	Oakmere Moss	OM2*	Basin mire. <i>Polytrichum</i>
2F	17/01/2020	SJ53747092	Black Lake, Delamere Forest	BL2*	Schwingmoor with <i>Erica</i> , cranberry, <i>Sphagnum</i> & <i>Eriophorum angustifolium</i>
1M	05/11/2021	NY18395915	Bowness Common	BC8	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)
1F	05/11/2021	NY23376054	Glasson Moss	GM1*	Uncut raised bog
1M 2F	05/11/2021	NY23236045	Glasson Moss	GM4*	Raised bog. Old peat cutting
Records Richard Gallon* & James McGill					

***Taranucnus setosus* (O. P.-Cambridge, 1863)**

Table 29. *Taranucnus setosus* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1M	05/11/2021	NY23236045	Glasson Moss	GM4*	Raised bog. Old peat cutting
1M 1F	06/11/2021	NY23245374	Wedholme Flow	WF4*	Raised bog peat cutting. <i>Sphagnum</i> , <i>Juncus</i> and Birch
Records Richard Gallon*					

***Theridiosoma gemmosum* (L. Koch, 1877)**

Table 30. *Theridiosoma gemmosum* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1iM	03/11/2021	SJ69585028	Wybunbury Moss	WM6*	<i>Sphagnum</i> and <i>Molinia</i> under wet Birch woodland
2i	03/11/2021	SJ69635030	Wybunbury Moss	WM13	From <i>Sphagnum</i>
Records Richard Gallon* & James McGill					

***Trochosa spinipalpis* (F. O. P.-Cambridge, 1895)**

Table 31. *Trochosa spinipalpis* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1M	07/11/2021	SJ59366853	Abbots Moss, South Moss	AM3*	Bog. Cranberry, <i>Sphagnum</i> and <i>Polytrichum</i>
Record Richard Gallon*					

Walckenaeria nodosa O. P.-Cambridge, 1873

Table 32. *Walckenaeria nodosa* records from this survey.

Sex	Date	Grid Reference	Location	Sample Point	Habitat
1F	03/11/2021	SJ69725018	Wybunbury Moss	WM1*	Bog. <i>Erica</i> and <i>Sphagnum</i>
1M	03/11/2021	SJ69685021	Wybunbury Moss	WM2*	Bog. <i>Sphagnum</i> lawn
1M	03/11/2021	SJ69645018	Wybunbury Moss	WM3*	Bog. <i>Erica</i> , <i>Calluna</i> & <i>R. alba</i>
1F	03/11/2021	SJ69695020	Wybunbury Moss	WM9	From <i>Sphagnum</i>
1F	07/11/2021	SJ59486890	Abbots Moss, Shemmy Moss	AM1*	Bog
1F	05/11/2021	NY18395915	Bowness Common	BC8	From revegetated peat cutting (<i>Sphagnum</i> and <i>Polytrichum</i>)
1M	05/11/2021	NY23466040	Glasson Moss	GM3*	Uncut raised bog. Heather
Records Richard Gallon* & James McGill					

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Appendix

All records have been submitted to the British Arachnological Society's Spider Recording Scheme.

Table 33. 17/01/2020, SJ57636808, Oakmere Moss, sample point OM1 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			2M 1F
Araneae	Linyphiidae	<i>Oedothorax gibbosus</i> form <i>tuberosus</i>			1M 7F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1F
Araneae	Linyphiidae	<i>Sintula corniger</i>	NS		1M
Araneae	Linyphiidae	<i>Tallusia experta</i>			2M
Araneae	Miturgidae	<i>Zora spinimana</i>			1F
Araneae	Pisauridae	<i>Pisaura mirabilis</i>			2i
Araneae	Tetragnathidae	<i>Metellina segmentata</i>			2F
Araneae	Thomisidae	<i>Xysticus cristatus</i>			1F

Table 34. 17/01/2020, SJ57626806, Oakmere Moss, sample point OM2 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M 5F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			2F
Araneae	Linyphiidae	<i>Oedothorax gibbosus</i>			2F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			3F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M 2F
Araneae	Linyphiidae	<i>Sintula corniger</i>	NS		1F
Araneae	Linyphiidae	<i>Tallusia experta</i>			2M 1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Miturgidae	<i>Zora spinimana</i>			2M
Araneae	Salticidae	<i>Neon reticulatus</i>			1iM

Table 35. 17/01/2020, SJ57656807, Oakmere Moss, sample point OM3 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M 1F
Araneae	Linyphiidae	<i>Glypthesis cottonae</i>	NR	Vulnerable	1M
Araneae	Linyphiidae	<i>Tallusia experta</i>			3F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M
Araneae	Linyphiidae	<i>Walckenaeria acuminata</i>			1M 1F
Araneae	Salticidae	<i>Neon reticulatus</i>			1i

Table 36. 17/01/2020, SJ53797088, Black Lake, Delamere Forest, sample point BL1 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			3F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1F
Araneae	Linyphiidae	<i>Bathyphantes setiger</i>	NS		1F
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			1M 2F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 1F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1M
Araneae	Linyphiidae	<i>Erigonella ignobilis</i>	NS		23M 31F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			1F
Araneae	Linyphiidae	<i>Tallusia experta</i>			1M 2F
Araneae	Salticidae	<i>Neon reticulatus</i>			1F
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			4

Table 37. 17/01/2020, SJ53747092, Black Lake, Delamere Forest, sample point BL2 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			4M 2F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M 3F
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			5M 9F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 1F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Araneae	Linyphiidae	<i>Erigonella ignobilis</i>	NS		1M
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Linyphiidae	<i>Satilatlas britteni</i>	NS		1iM
Araneae	Linyphiidae	<i>Sintula corniger</i>	NS		2F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			3F
Araneae	Miturgidae	<i>Zora spinimana</i>			1M
Araneae	Theridiidae	<i>Simitidion simile</i>			1iM
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			5

Table 38. 03/11/2021, SJ69725018, Wybunbury Moss, sample point WM1 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Hahniidae	<i>Hahnia pusilla</i>	NS		1M
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M 1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M
Araneae	Linyphiidae	<i>Centromerus arcanus</i>			2F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			4M 8F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		1M 2F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			2F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M 1F
Araneae	Linyphiidae	<i>Walckenaeria nodosa</i>	NS		1F
Araneae	Salticidae	<i>Neon reticulatus</i>			2iM 1i
Chilopoda	Lithobiidae	<i>Lithobius calcaratus</i>			1M

Table 39. 03/11/2021, SJ69725018, Wybunbury Moss, sample point WM1 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M 2F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			2F
Araneae	Linyphiidae	<i>Ceratinella brevis</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			6M 6F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		1F
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			1M 2F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			2F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			3M 3F
Araneae	Salticidae	<i>Neon reticulatus</i>			4F
Araneae	Theridiidae	<i>Crustulina guttata</i>			1M 3F 1i

Table 40. 03/11/2021, SJ69685021, Wybunbury Moss, sample point WM2 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Gnaphosidae	<i>Gnaphosa nigerrima</i>	NR	Vulnerable	3i
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M 1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M 1F
Araneae	Linyphiidae	<i>Carorita limnaea</i>	NR	Vulnerable	1M 2F
Araneae	Linyphiidae	<i>Centromerus arcanus</i>			1M 1F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			5M 7F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		7M 22F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Linyphiidae	<i>Walckenaeria nodosa</i>	NS		1M
Araneae	Liocranidae	<i>Scotina gracilipes</i>	NS		1F
Araneae	Pisauridae	<i>Pisaura mirabilis</i>			1iF
Araneae	Salticidae	<i>Neon reticulatus</i>			1F 2iM
Araneae	Tetragnathidae	<i>Pachygnatha degeeri</i>			1F
Araneae	Theridiidae	<i>Episinus angulatus</i>			1i

Table 41. 03/11/2021, SJ69645018, Wybunbury Moss, sample point WM3 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Gnaphosidae	<i>Gnaphosa nigerrima</i>	NR	Vulnerable	2i
Araneae	Linyphiidae	<i>Carorita limnaea</i>	NR	Vulnerable	1F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			5F
Araneae	Linyphiidae	<i>Ceratinella brevis</i>			1M
Araneae	Linyphiidae	<i>Erigone atra</i>			6M 5F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M
Araneae	Linyphiidae	<i>Walckenaeria nodosa</i>	NS		1M
Araneae	Liocranidae	<i>Scotina gracilipes</i>	NS		1F
Araneae	Salticidae	<i>Neon reticulatus</i>			2iM
Araneae	Tetragnathidae	<i>Pachygnatha degeeri</i>			1M
Araneae	Theridiidae	<i>Episinus angulatus</i>			1iM
Araneae	Theridiidae	<i>Robertus arundineti</i>			1M
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1F

Table 42. 03/11/2021, SJ69585021, Wybunbury Moss, sample point WM4 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			3M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 2F
Araneae	Linyphiidae	<i>Carorita limnaea</i>	NR	Vulnerable	1M 2F
Araneae	Linyphiidae	<i>Centromerita bicolor</i>			1M
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1F
Araneae	Linyphiidae	<i>Ceratinella brevis</i>			1M
Araneae	Linyphiidae	<i>Erigone atra</i>			8M 7F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			5F
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		9M 19F
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			1M
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1M
Araneae	Linyphiidae	<i>Savignia frontata</i>			5F
Araneae	Linyphiidae	<i>Tallusia experta</i>			2M 2F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			2M 3F
Araneae	Linyphiidae	<i>Walckenaeria acuminata</i>			1F
Araneae	Liocranidae	<i>Scotina gracilipes</i>	NS		1F
Araneae	Salticidae	<i>Neon reticulatus</i>			2F
Araneae	Tetragnathidae	<i>Pachygnatha degeeri</i>			1M
Chilopoda	Lithobiidae	<i>Lithobius calcaratus</i>			1F

Table 43. 03/11/2021, SJ69525018, Wybunbury Moss, sample point WM5 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 3F
Araneae	Linyphiidae	<i>Centromerus arcarius</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 2F
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		4M 6F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			2F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			2F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1F
Araneae	Miturgidae	<i>Zora spinimana</i>			1F
Araneae	Pisauridae	<i>Pisaura mirabilis</i>			1i
Araneae	Salticidae	<i>Neon reticulatus</i>			2F 1iM
Araneae	Theridiidae	<i>Episinus angulatus</i>			1iM

Table 44. 03/11/2021, SJ69585028, Wybunbury Moss, sample point WM6 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1F
Araneae	Linyphiidae	<i>Centromerus arcarius</i>			2F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1F
Araneae	Linyphiidae	<i>Centromerus sylvaticus</i>			1M
Araneae	Linyphiidae	<i>Maso sundevalli</i>			1F
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		4M 2F
Araneae	Linyphiidae	<i>Tapinocyba pallens</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes alacris</i>			1M 2F
Araneae	Linyphiidae	<i>Tenuiphantes cristatus</i>			3M 4F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M
Araneae	Salticidae	<i>Neon reticulatus</i>			1F
Araneae	Theridiidae	<i>Episinus angulatus</i>			1iM
Araneae	Theridiosomatidae	<i>Theridiosoma gemmosum</i>	NS		1iM
Araneae	Thomisidae	<i>Xysticus ulmi</i>			1iM

Table 45. 03/11/2021, SJ69585028, Wybunbury Moss, sample point WM6 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes approximatus</i>			1M
Araneae	Linyphiidae	<i>Centromerus arcanus</i>			1M 1F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			4M 7F
Araneae	Linyphiidae	<i>Diplocephalus permixtus</i>			1M
Araneae	Linyphiidae	<i>Erigone atra</i>			1M
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		4M 3F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1M 1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1F
Araneae	Linyphiidae	<i>Tapinocyba pallens</i>			2M 1F
Araneae	Linyphiidae	<i>Tenuiphantes cristatus</i>			1M 12F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Linyphiidae	<i>Walckenaeria cucullata</i>			1M
Araneae	Tetragnathidae	<i>Pachygnatha clercki</i>			1M

Table 46. 03/11/2021, SJ69645031, Wybunbury Moss, sample point WM7 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Clubionidae	<i>Clubiona comta</i>			1F
Araneae	Linyphiidae	<i>Bathyphantes nigrinus</i>			1F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1F
Araneae	Linyphiidae	<i>Diplocephalus permixtus</i>			1M
Araneae	Linyphiidae	<i>Gnathonarium dentatum</i>			1F
Araneae	Linyphiidae	<i>Oedothorax gibbosus</i>			3F
Araneae	Linyphiidae	<i>Tenuiphantes alacris</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes cristatus</i>			2M
Opiliones	Nemastomatidae	<i>Nemastoma bimaculatum</i>			1F

Table 47. 03/11/2021, SJ69735024, Wybunbury Moss, sample point WM8 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M 1F
Araneae	Linyphiidae	<i>Centromerus arcanus</i>			1M
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		4M 9F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M 1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M 1F
Araneae	Miturgidae	<i>Zora spinimana</i>			1M
Araneae	Salticidae	<i>Neon reticulatus</i>			1iM
Araneae	Tetragnathidae	<i>Pachygnatha clercki</i>			1F

Table 48. 03/11/2021, SJ69695020, Wybunbury Moss, sample point WM9 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Gnaphosidae	<i>Gnaphosa nigerrima</i>	NR	Vulnerable	5i
Araneae	Linyphiidae	<i>Aphileta misera</i>			1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			3M 4F
Araneae	Linyphiidae	<i>Carorita limnaea</i>	NR	Vulnerable	1M 1F
Araneae	Linyphiidae	<i>Erigone atra</i>			8M 3F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1M 2F
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		12M 21F
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			3F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			2F
Araneae	Linyphiidae	<i>Savignia frontata</i>			4M
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Linyphiidae	<i>Walckenaeria nodosa</i>	NS		1F
Araneae	Lycosidae	<i>Piratula hygrophila</i>			1F
Araneae	Pisauridae	<i>Pisaura mirabilis</i>			1i
Araneae	Salticidae	<i>Neon reticulatus</i>			1F
Araneae	Tetragnathidae	<i>Pachygnatha degeeri</i>			1M

Table 49. 03/11/2021, SJ69645017, Wybunbury Moss, sample point WM10 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Gnaphosidae	<i>Gnaphosa nigerrima</i>	NR	Vulnerable	4i
Araneae	Hahniidae	<i>Hahnia helveola</i>			2F
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			3M
Araneae	Linyphiidae	<i>Carorita limnaea</i>	NR	Vulnerable	2F
Araneae	Linyphiidae	<i>Erigone atra</i>			2M 6F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1M 2F
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M 2F
Araneae	Linyphiidae	<i>Walckenaeria antica</i>			1M
Araneae	Liocranidae	<i>Scotina gracilipes</i>	NS		3F
Araneae	Theridiidae	<i>Robertus arundineti</i>			2F

Table 50. 03/11/2021, SJ69575020, Wybunbury Moss, sample point WM11 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Gnaphosidae	<i>Gnaphosa nigerrima</i>	NR	Vulnerable	4i
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M 1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			2M 1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			6M 4F
Araneae	Linyphiidae	<i>Centromerus arcanus</i>			2M 3F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			4M 3F
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			6M 13F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			3M 3F
Araneae	Linyphiidae	<i>Gongylidiellum vivum</i>			1F
Araneae	Linyphiidae	<i>Maso sundevalli</i>			1F
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		17M 17F
Araneae	Linyphiidae	<i>Pelecopsis parallela</i>			1M
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			4F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1F
Araneae	Linyphiidae	<i>Tallusia experta</i>			2F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			2M 2F
Araneae	Miturgidae	<i>Zora spinimana</i>			1M
Araneae	Salticidae	<i>Neon reticulatus</i>			2F
Araneae	Theridiidae	<i>Crustulina guttata</i>			1M 1F 2i
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1F

Table 51. 03/11/2021, SJ69535017, Wybunbury Moss, sample point WM12 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			5M 4F
Araneae	Linyphiidae	<i>Centromerus arcanus</i>			1M 1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			1F
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		2M 1F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1F
Araneae	Linyphiidae	<i>Tallusia experta</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes cristatus</i>			4M 5F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Mimetidae	<i>Ero cambridgei</i>			1F
Araneae	Miturgidae	<i>Zora spinimana</i>			1M
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1F

Table 52. 03/11/2021, SJ69635030, Wybunbury Moss, sample point WM13 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 1F
Araneae	Linyphiidae	<i>Centromerus arcarius</i>			3M 3F
Araneae	Linyphiidae	<i>Centromerus sylvaticus</i>			1F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			2M 1F
Araneae	Linyphiidae	<i>Diplocephalus permixtus</i>			7M 14F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1M
Araneae	Linyphiidae	<i>Micrargus herbigradus</i>			2F
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		13M 23F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes alacris</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes cristatus</i>			1M 1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			2F
Araneae	Lycosidae	<i>Piratula hygrophila</i>			1F
Araneae	Theridiidae	<i>Theridion varians</i>			1F
Araneae	Theridiosomatidae	<i>Theridiosoma gemmosum</i>	NS		2i
Araneae	Thomisidae	<i>Xysticus cristatus</i>			1F
Opiliones	Nemastomatidae	<i>Nemastoma bimaculatum</i>			1F

Table 53. 03/11/2021, SJ69725024, Wybunbury Moss, sample point WM14 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			3M
Araneae	Linyphiidae	<i>Carorita limnaea</i>	NR	Vulnerable	2F
Araneae	Linyphiidae	<i>Centromerus arcarius</i>			1M 3F
Araneae	Linyphiidae	<i>Erigone atra</i>			2M 2F
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		7M 14F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			3F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M 1F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			1F
Araneae	Miturgidae	<i>Zora spinimana</i>			1M
Opiliones	Phalangiidae	<i>Paroligolophus agrestis</i>			1F

Table 54. 04/11/2021, SJ59576983, Brackenhurst Bog, sample point BB1 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Centromerita concinna</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			3F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			2F
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1M

Table 55. 04/11/2021, SJ59586980, Brackenhurst Bog, sample point BB2 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Erigone atra</i>			2M 2F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			2M 2F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		1F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			2F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M 5F
Araneae	Salticidae	<i>Neon reticulatus</i>			1iM

Table 56. 04/11/2021, SJ59656982, Brackenhurst Bog, sample point BB3 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1F
Araneae	Linyphiidae	<i>Oedothorax gibbosus form tuberosus</i>			1M
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Pisauridae	<i>Pisaura mirabilis</i>			1i
Araneae	Salticidae	<i>Neon reticulatus</i>			1iF

Table 57. 04/11/2021, SJ59656982, Brackenhurst Bog, sample point BB3 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 3F
Araneae	Linyphiidae	<i>Ceratinella brevis</i>			1M 1F
Araneae	Linyphiidae	<i>Erigone atra</i>			3F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F 1M
Araneae	Linyphiidae	<i>Glyphesis cottonae</i>	NR	Vulnerable	1F
Araneae	Linyphiidae	<i>Gongylidiellum vivum</i>			1F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			3F
Araneae	Salticidae	<i>Neon reticulatus</i>			1F

Table 58. 04/11/2021, SJ59646983, Brackenhurst Bog, sample point BB4 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1F
Araneae	Linyphiidae	<i>Oedothorax gibbosus form tuberosus</i>			1M 3F
Araneae	Linyphiidae	<i>Tallusia experta</i>			1M
Araneae	Tetragnathidae	<i>Metellina mengei</i>			1M

Table 59. 04/11/2021, SJ59566983, Brackenhurst Bog, sample point BB5 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M
Araneae	Linyphiidae	<i>Erigone atra</i>			3M 3F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F

Table 60. 04/11/2021, SJ59586981, Brackenhurst Bog, sample point BB6 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M 1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 1F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			2F
Araneae	Linyphiidae	<i>Minyriolus pusillus</i>			1M
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M 1F
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1M

Table 61. 04/11/2021, SJ59646982, Brackenhurst Bog, sample point BB7 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Mangora acalypha</i>			1i
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2F
Araneae	Linyphiidae	<i>Dipocephalus permixtus</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1F
Araneae	Linyphiidae	<i>Oedothorax gibbosus</i>			2F
Araneae	Linyphiidae	<i>Oedothorax gibbosus form tuberosus</i>			1M

Table 62. 04/11/2021, SJ58796582, Little Budworth Common, Whitehall Moss, sample point LB1 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			9M 2F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			4F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Araneae	Linyphiidae	<i>Gongylidiellum vivum</i>			1M
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		3M 3F
Araneae	Linyphiidae	<i>Savignia frontata</i>			2M 1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M
Araneae	Pisauridae	<i>Pisaura mirabilis</i>			1i
Araneae	Salicidae	<i>Neon reticulatus</i>			2F
Araneae	Theridiidae	<i>Crustulina guttata</i>			2F
Araneae	Thomisidae	<i>Ozyptila atomaria</i>			1M

Table 63. 04/11/2021, SJ58756577, Little Budworth Common, Whitehall Moss, sample point LB2 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			4M 2F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			3M 2F
Araneae	Linyphiidae	<i>Oedothorax gibbosus</i>			1iM
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Salticidae	<i>Neon reticulatus</i>			1F 1iM
Opiliones	Phalangiidae	<i>Paroligolophus agrestis</i>			1F

Table 64. 04/11/2021, SJ58606571, Little Budworth Common, East Moss, sample point LB3 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Mangora acalypha</i>			1i
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M 1F
Araneae	Linyphiidae	<i>Erigone atra</i>			6F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		1M 2F
Araneae	Linyphiidae	<i>Minyriolus pusillus</i>			1F
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			2F
Araneae	Linyphiidae	<i>Oedothorax gibbosus form tuberosus</i>			2M 2F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			2M
Araneae	Salticidae	<i>Neon reticulatus</i>			2iM
Araneae	Theridiidae	<i>Simitidion simile</i>			1i

Table 65. 04/11/2021, SJ58606571, Little Budworth Common, East Moss, sample point LB3 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M 1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1M
Araneae	Linyphiidae	<i>Erigone atra</i>			4M 1F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			3M 2F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		2F
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			1M
Araneae	Linyphiidae	<i>Oedothorax gibbosus</i>			2F
Araneae	Linyphiidae	<i>Oedothorax gibbosus form tuberosus</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			2M 2F

Table 66. 04/11/2021, SJ58526574, Little Budworth Common, Central Moss, sample point LB4 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M 4F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1M
Araneae	Linyphiidae	<i>Erigone atra</i>			6M 7F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			2M 2F
Araneae	Linyphiidae	<i>Erigone sp.</i>			1M
Araneae	Linyphiidae	<i>Gonatium rubens</i>			1M 2F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		7M 2F
Araneae	Linyphiidae	<i>Microlinyphia pusilla</i>			1F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M 3F
Araneae	Theridiidae	<i>Episinus angulatus</i>			1iM 1iF
Araneae	Theridiidae	<i>Simitidion simile</i>			1iM 1iF

Table 67. 04/11/2021, SJ58526574, Little Budworth Common, Central Moss, sample point LB4 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M 1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			2M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1M 1F
Araneae	Linyphiidae	<i>Ceratinella brevis</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			8M 7F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			2M 6F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			2F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		5M 5F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1M 1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Theridiidae	<i>Robertus lividus</i>			1M
Araneae	Theridiidae	<i>Simitidion simile</i>			6i
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1M

Table 68. 04/11/2021, SJ58426585, Little Budworth Common, North Moss, sample point LB5 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M
Araneae	Linyphiidae	<i>Aphileta misera</i>			2M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M 1F
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			1F
Araneae	Linyphiidae	<i>Dipocephalus permixtus</i>			2F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		1M 1F
Araneae	Linyphiidae	<i>Oedothorax gibbosus</i>			1M
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1F
Araneae	Linyphiidae	<i>Tallusia experta</i>			1M 2F
Araneae	Linyphiidae	<i>Walckenaeria nudipalpis</i>			1M
Araneae	Salticidae	<i>Neon reticulatus</i>			1iM

Table 69. 04/11/2021, SJ58436584, Little Budworth Common, North Moss, sample point LB6 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			2M 3F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1F
Araneae	Linyphiidae	<i>Tallusia experta</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Salticidae	<i>Neon reticulatus</i>			1iM
Araneae	Theridiidae	<i>Simitidion simile</i>			1iF

Table 70. 04/11/2021, SJ58426584, Little Budworth Common, North Moss, sample point LB7 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			4M 2F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M 3F
Araneae	Linyphiidae	<i>Dipocephalus permixtus</i>			2M 3F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 1F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		1M
Araneae	Linyphiidae	<i>Oedothorax gibbosus</i>			2F
Araneae	Linyphiidae	<i>Oedothorax gibbosus form tuberosus</i>			1M
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			2F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M 1F
Araneae	Linyphiidae	<i>Tallusia experta</i>			1M 1F
Araneae	Thomisidae	<i>Ozyptila atomaria</i>			1M

Table 71. 04/11/2021, SJ58416585, Little Budworth Common, North Moss, sample point LB8 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M 1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M 1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			3M 1F
Araneae	Linyphiidae	<i>Diplocephalus permixtus</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 1F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		3M 6F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1F
Araneae	Linyphiidae	<i>Tallusia experta</i>			2F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M 2F
Araneae	Liocranidae	<i>Agroeca proxima</i>			1F

Table 72. 04/11/2021, SJ58606575, Little Budworth Common, sample point LB9 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Lycosidae	<i>Alopecosa barbipes</i>			1F

Table 73. 04/11/2021, SJ58766578, Little Budworth Common, Whitehall Moss, sample point LB10 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			3M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 2F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		1F
Araneae	Linyphiidae	<i>Macrargus rufus</i>			1F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1M 1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Tetragnathidae	<i>Metellina mengei</i>			1M
Araneae	Theridiidae	<i>Crustulina guttata</i>			1M
Araneae	Thomisidae	<i>Ozyptila atomaria</i>			1M

Table 74. 04/11/2021, SJ58796580, Little Budworth Common, Whitehall Moss, sample point LB11 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M
Araneae	Linyphiidae	<i>Aphileta misera</i>			6M 1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			5F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1M 2F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		6F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			2F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M 1F
Araneae	Miturgidae	<i>Zora spinimana</i>			1M
Araneae	Thomisidae	<i>Xysticus cristatus</i>			1F

Table 75. 07/11/2021, SJ59486890, Abbots Moss, Shemmy Moss, sample point AM1 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			2F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M 3F
Araneae	Linyphiidae	<i>Erigone atra</i>			8M 2F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1M 2F
Araneae	Linyphiidae	<i>Glypesis cottonae</i>	NR	Vulnerable	2F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		1M 6F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			2F
Araneae	Linyphiidae	<i>Walckenaeria nodosa</i>	NS		1F
Araneae	Salticidae	<i>Neon reticulatus</i>			1iM 1iF

Table 76. 07/11/2021, SJ59566896, Abbots Moss, Shemmy Moss, sample point AM2 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Hahniidae	<i>Iberina montana</i>			9F
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M 1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			3M 2F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			3F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			1M 6F
Araneae	Linyphiidae	<i>Erigone atra</i>			3M 7F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		4M 2F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			2M 1F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M 5F
Araneae	Salticidae	<i>Neon reticulatus</i>			1F 1iM 1i
Araneae	Tetragnathidae	<i>Pachygnatha degeeri</i>			1F
Araneae	Theridiidae	<i>Robertus lividus</i>			1M
Araneae	Theridiidae	<i>Simitidion simile</i>			1iF
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1M
Chilopoda	Lithobiidae	<i>Lithobius calcaratus</i>			1F

Table 77. 07/11/2021, SJ59366853, Abbots Moss, South Moss, sample point AM3 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			3M 5F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1F
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			1M 3F
Araneae	Linyphiidae	<i>Erigone atra</i>			2F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			3M 1F
Araneae	Linyphiidae	<i>Oedothorax gibbosus form tuberosus</i>			3M 5F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Lycosidae	<i>Trochosa spinipalpis</i>	NS		1M
Araneae	Salticidae	<i>Evarcha falcata</i>			1i
Araneae	Salticidae	<i>Neon reticulatus</i>			1iM
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1F
Chilopoda	Lithobiidae	<i>Lithobius calcaratus</i>			1F

Table 78. 07/11/2021, SJ59366853, Abbots Moss, South Moss, sample point AM3 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Hahniidae	<i>Hahnia helveola</i>			2F
Araneae	Linyphiidae	<i>Aphileta misera</i>			2M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			6M 9F
Araneae	Linyphiidae	<i>Ceratinella brevis</i>			1M 1F
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			2M 3F
Araneae	Linyphiidae	<i>Erigone atra</i>			3M 2F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		1M 4F
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			1F
Araneae	Linyphiidae	<i>Oedothorax gibbosus</i>			10F
Araneae	Linyphiidae	<i>Oedothorax gibbosus form tuberosus</i>			4M
Araneae	Linyphiidae	<i>Pelecopsis parallela</i>			1M
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M 1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M 5F

Table 79. 07/11/2021, SJ59346858, Abbots Moss, South Moss, sample point AM4 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			2F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			4M 1F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1M
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			5F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			1M
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			3F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M 3F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M
Araneae	Linyphiidae	<i>Walckenaeria acuminata</i>			1M
Araneae	Liocranidae	<i>Agroeca brunnea</i>			1M
Araneae	Salticidae	<i>Evarcha falcata</i>			1F
Araneae	Salticidae	<i>Neon reticulatus</i>			2iM
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1M

Table 80. 07/11/2021, SJ59346858, Abbots Moss, South Moss, sample point AM4 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Hahniidae	<i>Hahnia helveola</i>			2M 1F
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M
Araneae	Linyphiidae	<i>Aphileta misera</i>			5M 3F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 1F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			2M
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1M 1F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			2F
Araneae	Linyphiidae	<i>Ceratinella brevis</i>			1F
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			1M
Araneae	Linyphiidae	<i>Erigone atra</i>			8M 8F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			2M 4F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			1M
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		1M 3F
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			1F
Araneae	Linyphiidae	<i>Oedothorax gibbosus</i>			1M
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1F
Araneae	Linyphiidae	<i>Pelecopsis parallelia</i>			1F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			3F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M 2F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			2M 4F
Araneae	Linyphiidae	<i>Walckenaeria acuminata</i>			1F
Araneae	Liocranidae	<i>Agroeca brunnea</i>			1M
Araneae	Liocranidae	<i>Agroeca proxima</i>			2F
Araneae	Miturgidae	<i>Zora spinimana</i>			1M
Araneae	Salticidae	<i>Neon reticulatus</i>			2F
Araneae	Theridiidae	<i>Crustulina guttata</i>			1F

Araneae	Theridiidae	<i>Pholcomma gibbum</i>			1F
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1F

Table 81. 07/11/2021, SJ59476891, Abbots Moss, Shemmy Moss, sample point AM5 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			2M 1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			8M 7F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			1F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			2M
Araneae	Linyphiidae	<i>Ceratinella brevis</i>			2M 1F
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 2F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			2F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		1M 3F
Araneae	Linyphiidae	<i>Microlinyphia pusilla</i>			1F
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			1M
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			2F
Araneae	Salticidae	<i>Neon reticulatus</i>			1F
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1M 3F

Table 82. 07/11/2021, SJ59556897, Abbots Moss, Shemmy Moss, sample point AM6 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Hahniidae	<i>Iberina montana</i>			16F
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			3M 1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			7M 7F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 4F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			2M 4F
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			1M 3F
Araneae	Linyphiidae	<i>Erigone atra</i>			7M 5F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1M
Araneae	Linyphiidae	<i>Glyphesis cottonae</i>	NR	Vulnerable	1F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		17M 15F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1M
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			2F
Araneae	Linyphiidae	<i>Tallusia experta</i>			1M 1F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			4M 7F
Araneae	Linyphiidae	<i>Walckenaeria antica</i>			1F
Araneae	Liocranidae	<i>Agroeca proxima</i>			1F
Araneae	Salticidae	<i>Neon reticulatus</i>			1F
Araneae	Tetragnathidae	<i>Pachygnatha degeeri</i>			1F
Araneae	Theridiidae	<i>Euryopis flavomaculata</i>	NS		1i
Araneae	Theridiidae	<i>Robertus lividus</i>			1M
Araneae	Theridiidae	<i>Simitidion simile</i>			1i
Araneae	Hahniidae	<i>Iberina montana</i>			16F

Table 83. 07/11/2021, SJ59376852, Abbots Moss, South Moss, sample point AM7 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			3F
Araneae	Linyphiidae	<i>Ceratinella brevis</i>			1M 1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1F
Araneae	Linyphiidae	<i>Oedothorax gibbosus</i>			5F
Araneae	Linyphiidae	<i>Oedothorax gibbosus form tuberosus</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			3M 5F
Araneae	Liocranidae	<i>Agroeca brunnea</i>			1M

Table 84. 05/11/2021, NY18025899, Bowness Common, sample point BC1 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Drapetisca socialis</i>			1M

Table 85. 05/11/2021, NY18345911, Bowness Common, sample point BC2 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Zygiella atrica</i>			1F

Table 86. 05/11/2021, NY18365920, Bowness Common, sample point BC3 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga albovittata</i>	NS		2iM 1iF
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			3iM 2iF
Araneae	Hahniidae	<i>Hahnia helveola</i>			2M 1F
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 1F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			13M
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1M 4F
Araneae	Linyphiidae	<i>Erigone atra</i>			2M 1F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1M
Araneae	Linyphiidae	<i>Gonatium rubens</i>			1M 1F
Araneae	Linyphiidae	<i>Hilaira excisa</i>			1F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		1M 2F 21iM 19iF
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1M 1F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			9M 7F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Salticidae	<i>Neon reticulatus</i>			2iF
Araneae	Theridiidae	<i>Episinus angulatus</i>			1iM 1iF
Araneae	Theridiidae	<i>Simitidion simile</i>			3iF
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			1

Table 87. 05/11/2021, Bowness Common, sample point BC4 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			4iM 1iF
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M
Araneae	Linyphiidae	<i>Aphileta misera</i>			1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			1M 1F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1M
Araneae	Linyphiidae	<i>Centromerus levitarsis</i>	NR		1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 1F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			3F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		2M 2F 8iM 8iF
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			5M 2F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			3M 5F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Theridiidae	<i>Episinus angulatus</i>			1iF
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1F
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			7

Table 88. 05/11/2021, Bowness Common, sample point BC4 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga albovittata</i>	NS		4i
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			12i
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M 1F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			1M 1F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1F
Araneae	Linyphiidae	<i>Centromerus levitarsis</i>	NR	Endangered	1F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1M
Araneae	Linyphiidae	<i>Erigone atra</i>			2M 2F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			4F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		51i
Araneae	Linyphiidae	<i>Notioscopus sarcinatus</i>	NS		1M
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			1M 1F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			3M 10F
Araneae	Linyphiidae	<i>Peponocranium ludicum</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			7M 2F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Theridiidae	<i>Robertus arundineti</i>			1M 2F
Araneae	Theridiidae	<i>Simitidion simile</i>			1i
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			3i

Table 89. 05/11/2021, Bowness Common, sample point BC5 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Hahniidae	<i>Hahnia helveola</i>			1M
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M 1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			3M 4F
Araneae	Linyphiidae	<i>Bathyphantes setiger</i>	NS		1M
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			3M 3F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1F
Araneae	Linyphiidae	<i>Drepanotylus uncatus</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 1F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			2F
Araneae	Linyphiidae	<i>Gongylidiellum latebricola</i>	NS		1F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		2F
Araneae	Linyphiidae	<i>Kaestneria pullata</i>			1F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		4M 4F 1iM 2iF
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			4M 4F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			5M 12F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M 1F
Araneae	Linyphiidae	<i>Tenuiphantes zimmermanni</i>			2F
Araneae	Salticidae	<i>Neon reticulatus</i>			1iM 1iF
Araneae	Theridiidae	<i>Pholcomma gibbum</i>			1F
Araneae	Theridiidae	<i>Robertus arundineti</i>			1M
Araneae	Theridiidae	<i>Theonoe minutissima</i>			4F
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			2

Table 90. 05/11/2021, Bowness Common, sample point BC6 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			1iM 1iF
Araneae	Clubionidae	<i>Clubiona trivialis</i>			1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			3M
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		1F 1iM 1iF
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			1M
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			1F
Araneae	Theridiidae	<i>Robertus arundineti</i>			1M 2F
Chilopoda	Lithobiidae	<i>Lithobius</i> sp.			1M
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			2

Table 91. 05/11/2021, NY18365914, Bowness Common, sample point BC6 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			2i
Araneae	Linyphiidae	<i>Araeoncus crassiceps</i>	NS		1F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			2M 5F
Araneae	Linyphiidae	<i>Centromerus levitarsis</i>	NR	Endangered	1F
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 1F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			3F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		1F
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			2M
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			3M 5F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes zimmermanni</i>			1M
Araneae	Theridiidae	<i>Robertus arundineti</i>			3F
Araneae	Theridiidae	<i>Theonoe minutissima</i>			4F
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			11

Table 92. 05/11/2021, NY18355919, Bowness Common, sample point BC7 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga albovittata</i>	NS		5i
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			14i
Araneae	Hahniidae	<i>Hahnia helveola</i>			1M
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 5F
Araneae	Linyphiidae	<i>Bathyphantes setiger</i>	NS		1F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			6M 6F
Araneae	Linyphiidae	<i>Erigone atra</i>			4M 1F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1M
Araneae	Linyphiidae	<i>Gonatium rubens</i>			1F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		2M 4F 68i
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			1F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1M 3F
Araneae	Linyphiidae	<i>Peponocranium ludicum</i>			1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			2M 1F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			19M 19F
Araneae	Liocranidae	<i>Scotina gracilipes</i>	NS		2F
Araneae	Mimetidae	<i>Ero cambridgei</i>			1M
Araneae	Mimetidae	<i>Ero furcata</i>			1M
Araneae	Theridiidae	<i>Simitidion simile</i>			7i
Araneae	Thomisidae	<i>Ozyptila trux</i>			1M
Opiliones	Phalangiidae	<i>Paroligolophus agrestis</i>			1M 2F
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			1

Table 93. 05/11/2021, NY18395915, Bowness Common, sample point BC8 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			5i
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M 1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 2F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			1F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			6M 15F
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			1F
Araneae	Linyphiidae	<i>Diplocephalus permixtus</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			2M 1F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			4M 1F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			2M 2F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		3F
Araneae	Linyphiidae	<i>Micrargus herbigradus</i>			3M 4F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		4i
Araneae	Linyphiidae	<i>Minyriolus pusillus</i>			1M 5F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			7M 13F
Araneae	Linyphiidae	<i>Peponocranium ludicum</i>			1F
Araneae	Linyphiidae	<i>Sintula corniger</i>	NS		1M
Araneae	Linyphiidae	<i>Tapinopa longidens</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			6M 9F
Araneae	Linyphiidae	<i>Walckenaeria antica</i>			1F
Araneae	Linyphiidae	<i>Walckenaeria nodosa</i>	NS		1F
Araneae	Mimetidae	<i>Ero furcata</i>			1F
Araneae	Salticidae	<i>Neon reticulatus</i>			1F
Araneae	Theridiidae	<i>Pholcomma gibbum</i>			5M 7F
Araneae	Theridiidae	<i>Robertus arundineti</i>			1M
Araneae	Theridiidae	<i>Theonoe minutissima</i>			2M 13F
Araneae	Thomisidae	<i>Ozyptila trux</i>			2M
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			10

Table 94. 05/11/2021, NY23376054, Glasson Moss, sample point GM1 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga albovittata</i>	NS		1iM 1iF
Araneae	Linyphiidae	<i>Araeoncus crassiceps</i>	NS		1M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			10M 15F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			5F
Araneae	Linyphiidae	<i>Erigone atra</i>			4M 8F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1M
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		3M 2F 21iM 18iF
Araneae	Linyphiidae	<i>Minyriolus pusillus</i>			1F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			2F
Araneae	Linyphiidae	<i>Sintula corniger</i>	NS		1F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			4M 7F
Araneae	Liocranidae	<i>Agroeca proxima</i>			1F
Araneae	Liocranidae	<i>Scotina gracilipes</i>	NS		1F

Araneae	Salticidae	<i>Neon reticulatus</i>			1iM 1iF
Araneae	Theridiidae	<i>Episinus angulatus</i>			1i
Araneae	Theridiidae	<i>Pholcomma gibbum</i>			1F
Araneae	Theridiidae	<i>Robertus arundineti</i>			1F
Araneae	Theridiidae	<i>Simitidion simile</i>			4iM 7iF

Table 95. 05/11/2021, NY23376054, Glasson Moss, sample point GM1 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga albovittata</i>	NS		2i
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			8M 7F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			4M 17F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1
Araneae	Linyphiidae	<i>Erigone atra</i>			8M 10F
Araneae	Linyphiidae	<i>Gongylidiellum latebricola</i>	NS		2F
Araneae	Linyphiidae	<i>Lepthyphantes minutus</i>			1M
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		1M 4F 93i
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			1F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1F
Araneae	Linyphiidae	<i>Stemonyphantes lineatus</i>			2M 1F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			5M 9F
Araneae	Linyphiidae	<i>Walckenaeria antica</i>			1F
Araneae	Liocranidae	<i>Scotina gracilipes</i>	NS		1F
Araneae	Theridiidae	<i>Pholcomma gibbum</i>			1F
Araneae	Theridiidae	<i>Robertus arundineti</i>			1M
Araneae	Theridiidae	<i>Simitidion simile</i>			14i

Table 96. 05/11/2021, NY23576064, Glasson Moss, sample point GM2 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga albovittata</i>	NS		1iM 1iF 1i
Araneae	Clubionidae	<i>Clubiona sp.</i>			1i
Araneae	Dictynidae	<i>Dictyna sp.</i>			3i
Araneae	Hahniidae	<i>Hahniidae</i>			4i
Araneae	Hahniidae	<i>Iberina montana</i>			1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 1F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			1F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1M 1F
Araneae	Linyphiidae	<i>Centromerus levitarsis</i>	NR	Endangered	1F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1F
Araneae	Linyphiidae	<i>Gongylidiellum latebricola</i>	NS		1F
Araneae	Linyphiidae	<i>Linyphiidae</i>			58i
Araneae	Linyphiidae	<i>Microlinyphia sp.</i>			2iM 1iF
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		1M 3F 104iM 125iF
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			5M 3F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			3F

Araneae	Linyphiidae	<i>Walckenaeria antica</i>			1M
Araneae	Liocranidae	<i>Scotina gracilipes</i>	NS		2i
Araneae	Lycosidae	<i>Lycosidae</i>			3i
Araneae	Tetragnathidae	<i>Tetragnatha sp.</i>			1i
Araneae	Theridiidae	<i>Episinus angulatus</i>			5iM 7iF 1i
Araneae	Theridiidae	<i>Neottiura bimaculata</i>			12iM 19iF
Araneae	Theridiidae	<i>Phylloneta sp.</i>			1i
Araneae	Theridiidae	<i>Simitidion simile</i>			9iM 18iF
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1M 1F
Araneae	Thomisidae	<i>Ozyptila sp.</i>			8i
Araneae	Thomisidae	<i>Xysticus sp.</i>			1i
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			1

Table 97. 05/11/2021, NY23576064, Glasson Moss, sample point GM2 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		1F 20i
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			1M 1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F

Table 98. 05/11/2021, NY23466040, Glasson Moss, sample point GM3 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga albovittata</i>	NS		1iM
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			1iM
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M 3F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			1M 1F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1M
Araneae	Linyphiidae	<i>Erigone atra</i>			1F
Araneae	Linyphiidae	<i>Gongylidiellum latebricola</i>	NS		1F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		1F 13iM 6iF
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			1M 2F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M 2F
Araneae	Linyphiidae	<i>Walckenaeria nodosa</i>	NS		1M
Araneae	Liocranidae	<i>Scotina gracilipes</i>	NS		1i
Araneae	Theridiidae	<i>Episinus angulatus</i>			2iF
Araneae	Theridiidae	<i>Simitidion simile</i>			2iM 3iF

Table 99. 05/11/2021, NY23236045, Glasson Moss, sample point GM4 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga albovittata</i>	NS		1iF
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			1iF
Araneae	Linyphiidae	<i>Araeoncus crassiceps</i>	NS		1M
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 4F
Araneae	Linyphiidae	<i>Bathyphantes setiger</i>	NS		1F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			3F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1F
Araneae	Linyphiidae	<i>Drepanotylus uncatus</i>			1M
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 1F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			1M
Araneae	Linyphiidae	<i>Kaestneria pullata</i>			1M
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		1iM 2iF
Araneae	Linyphiidae	<i>Minyriolus pusillus</i>			1F
Araneae	Linyphiidae	<i>Oedothorax fuscus</i>			1M
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			4M 2F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Linyphiidae	<i>Sintula corniger</i>	NS		1M 2F
Araneae	Linyphiidae	<i>Tallusia experta</i>			1M 2F
Araneae	Linyphiidae	<i>Taranucnus setosus</i>	NS		1M
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			3M 5F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			2F
Araneae	Liocranidae	<i>Scotina gracilipes</i>	NS		2F
Araneae	Miturgidae	<i>Zora spinimana</i>			1M
Araneae	Theridiidae	<i>Pholcomma gibbum</i>			1M 2F
Araneae	Theridiidae	<i>Theonoe minutissima</i>			2F
Araneae	Thomisidae	<i>Xysticus cristatus</i>			1F

Table 100. 05/11/2021, NY23456045, Glasson Moss, sample point GM5 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			1i
Araneae	Linyphiidae	<i>Aphileta misera</i>			2M 1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			7M 1F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			1M
Araneae	Linyphiidae	<i>Ceratinella brevis</i>			1M
Araneae	Linyphiidae	<i>Diplocephalus permixtus</i>			1M 2F
Araneae	Linyphiidae	<i>Drepanotylus uncatus</i>			3F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 3F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1M
Araneae	Linyphiidae	<i>Gonatium rubens</i>			1M 1F
Araneae	Linyphiidae	<i>Gongylidiellum vivum</i>			1M
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		3M 1F
Araneae	Linyphiidae	<i>Micrargus herbigradus</i>			1M 1F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			2M 3F
Araneae	Linyphiidae	<i>Peponocranium ludicum</i>			1F
Araneae	Linyphiidae	<i>Pocadicnemis pumila</i>			1F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			1M 1F

Araneae	Linyphiidae	<i>Savignia frontata</i>			1F
Araneae	Linyphiidae	<i>Stemonyphantes lineatus</i>			1F
Araneae	Linyphiidae	<i>Tallusia experta</i>			3M 2F
Araneae	Linyphiidae	<i>Tenuiphantes cristatus</i>			1M 3F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			3M 1F
Araneae	Linyphiidae	<i>Tenuiphantes zimmermanni</i>			1M
Araneae	Linyphiidae	<i>Walckenaeria unicornis</i>			1F
Araneae	Liocranidae	<i>Agroeca proxima</i>			1F
Araneae	Tetragnathidae	<i>Metellina segmentata</i>			1F
Araneae	Theridiidae	<i>Robertus arundineti</i>			2F
Araneae	Theridiidae	<i>Simitidion simile</i>			2i
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			2

Table 101. 05/11/2021, NY23456039, Glasson Moss, sample point GM6 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Centromerita concinna</i>			1M 3F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		38i
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			2F
Araneae	Linyphiidae	<i>Walckenaeria nudipalpis</i>			1F
Araneae	Liocranidae	<i>Scotina gracilipes</i>	NS		1F
Araneae	Theridiidae	<i>Robertus arundineti</i>			1F
Araneae	Theridiidae	<i>Simitidion simile</i>			3i
Araneae	Theridiidae	<i>Theonoe minutissima</i>			1M

Table 102. 06/11/2021, NY23045375, Wedholme Flow, sample point WF1 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			2iM 1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			3M 1F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			2M 1F
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 1F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			1F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		1M 1F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		1iF
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1M 2F
Araneae	Linyphiidae	<i>Savignia frontata</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			1M 2F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			2F
Araneae	Theridiidae	<i>Robertus arundineti</i>			1F

Table 103. 06/11/2021, NY22095373, Wedholme Flow, sample point WF2 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			5iM 1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			2M 1F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1F
Araneae	Linyphiidae	<i>Gonatium rubens</i>			1F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		2F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		1iM 2iF
Araneae	Linyphiidae	<i>Tallusia experta</i>			1M
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M
Araneae	Theridiidae	<i>Episinus angulatus</i>			3iM
Araneae	Theridiidae	<i>Simitidion simile</i>			1iM 1F

Table 104. 06/11/2021, NY22165354, Wedholme Flow, sample point WF3 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M
Araneae	Linyphiidae	<i>Centromerita concinna</i>			1F
Araneae	Linyphiidae	<i>Tapinopa longidens</i>			1F
Araneae	Theridiidae	<i>Simitidion simile</i>			1iM

Table 105. 06/11/2021, NY22165354, Wedholme Flow, sample point WF3 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga albovittata</i>	NS		1i
Araneae	Linyphiidae	<i>Agyneta rurestris</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M 1F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Pseudoscorpiones	Neobisiidae	<i>Neobisium carcinoides</i>			1

Table 106. 06/11/2021, NY23245374, Wedholme Flow, sample point WF4 records, Richard Gallon.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Linyphiidae	<i>Aphileta misera</i>			1M 1F
Araneae	Linyphiidae	<i>Bathyphantes approximatus</i>			2F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			4M 1F
Araneae	Linyphiidae	<i>Centromerus dilutus</i>			1M
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		1M
Araneae	Linyphiidae	<i>Lophomma punctatum</i>			2F
Araneae	Linyphiidae	<i>Neriene clathrata</i>			1F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1F
Araneae	Linyphiidae	<i>Porrhomma pygmæum</i>			1F
Araneae	Linyphiidae	<i>Taranucnus setosus</i>	NS		1M 1F
Araneae	Linyphiidae	<i>Tenuiphantes cristatus</i>			1M 4F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			1F
Araneae	Mimetidae	<i>Ero cambridgei</i>			1F

Araneae	Pisauridae	<i>Pisaura mirabilis</i>			1iF
Araneae	Tetragnathidae	<i>Metellina segmentata</i>			1M 1F
Araneae	Theridiidae	<i>Episinus angulatus</i>			1iF
Opiliones	Nemastomatidae	<i>Nemastoma bimaculatum</i>			1M

Table 107. 06/11/2021, NY23035375, Wedholme Flow, sample point WF5 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			2i
Araneae	Hahniidae	<i>Iberina montana</i>			1F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			1M 4F
Araneae	Linyphiidae	<i>Bathyphantes setiger</i>	NS		1F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			2M 1F
Araneae	Linyphiidae	<i>Ceratinella brevipes</i>			1M
Araneae	Linyphiidae	<i>Cnephalocotes obscurus</i>			1F
Araneae	Linyphiidae	<i>Erigone atra</i>			7M 7F
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			3M 3F
Araneae	Linyphiidae	<i>Tenuiphantes mengei</i>			2M 3F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1F
Araneae	Theridiidae	<i>Simitidion simile</i>			1i

Table 108. 06/11/2021, NY22095374, Wedholme Flow, sample point WF6 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Araneidae	<i>Hypsosinga albovittata</i>	NS		1i
Araneae	Araneidae	<i>Hypsosinga pygmaea</i>			1i
Araneae	Linyphiidae	<i>Centromerita concinna</i>			1M 1F
Araneae	Linyphiidae	<i>Erigone atra</i>			1M
Araneae	Linyphiidae	<i>Erigone dentipalpis</i>			1F
Araneae	Linyphiidae	<i>Minicia marginella</i>	NR		1i
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			1M
Araneae	Linyphiidae	<i>Walckenaeria nudipalpis</i>			1M
Araneae	Salticidae	<i>Neon reticulatus</i>			1F
Araneae	Theridiidae	<i>Simitidion simile</i>			2i

Table 109. 06/11/2021, NY23255375, Wedholme Flow, sample point WF7 records, James McGill.

Group	Family	Species	GB National Rarity Status	IUCN Status	Sex
Araneae	Hahniidae	<i>Antistea elegans</i>			1F
Araneae	Hahniidae	<i>Iberina montana</i>			1F
Araneae	Linyphiidae	<i>Allomengea vidua</i>	NS		1F
Araneae	Linyphiidae	<i>Aphileta misera</i>			2M 7F
Araneae	Linyphiidae	<i>Bathyphantes gracilis</i>			5M 5F
Araneae	Linyphiidae	<i>Bathyphantes setiger</i>	NS		1F
Araneae	Linyphiidae	<i>Centromerita concinna</i>			4M 1F
Araneae	Linyphiidae	<i>Diplocephalus permixtus</i>			2M 1F
Araneae	Linyphiidae	<i>Drepanotylus uncatus</i>			2M 2F
Araneae	Linyphiidae	<i>Erigone atra</i>			2M 1F
Araneae	Linyphiidae	<i>Hypselistes jacksoni</i>	NS		1M 7F
Araneae	Linyphiidae	<i>Kaestneria pullata</i>			3M 3F
Araneae	Linyphiidae	<i>Lophomma punctatum</i>			7F
Araneae	Linyphiidae	<i>Micrargus herbigradus</i>			1F
Araneae	Linyphiidae	<i>Palliduphantes ericaeus</i>			2M 2F
Araneae	Linyphiidae	<i>Porrhomma pygmaeum</i>			3M 1F
Araneae	Linyphiidae	<i>Savignia frontata</i>			2M
Araneae	Linyphiidae	<i>Tallusia experta</i>			8M 10F
Araneae	Linyphiidae	<i>Tenuiphantes cristatus</i>			2M 1F
Araneae	Linyphiidae	<i>Tenuiphantes tenuis</i>			3F
Araneae	Linyphiidae	<i>Tenuiphantes zimmermanni</i>			1F
Araneae	Linyphiidae	<i>Walckenaeria acuminata</i>			1F
Araneae	Miturgidae	<i>Zora spinimana</i>			1M
Araneae	Tetragnathidae	<i>Metellina mengei</i>			1M
Araneae	Tetragnathidae	<i>Metellina segmentata</i>			1M
Araneae	Tetragnathidae	<i>Pachygnatha degeeri</i>			1F