

# Debracketing records submitted to BRC before September 2009

In September 2009, the Conservation and Recording Committee decided that records that were fortuitously unavailable to the compilers of the *Census Catalogue* because of late submission to BRC or late data entry at BRC should retrospectively have their brackets removed. The 358 records shown below were made before the end of 2008, and would have prevented their vice-counties from being bracketed in the latest *Census Catalogue*, which was published in late December 2008. For the purposes of vice-county recording, these records will henceforth be treated as modern, i.e. not bracketed. In the *Census Catalogue*, it was noted that County Tyrone had been very poorly recorded since the 1950s; in the current update there are 62 records from that county (H36).

## Hornwort

- 2.1. *Phaeoceros laevis*. **H36**: Gortin Glen Forest Park, H4882, 2002, Holyoak; **H40**: unshaded, mainly bare, loamy soil in stubble field, 40 m alt., Dundooan (N of Coleraine), C85253570, 2008, Holyoak.

## Liverworts

- 2.1. *Blasia pusilla*. **H33**: Meenameen Lough, Meenameen Scarp, H05, 2005, BBS meeting.
- 3.1. *Sphaerocarpos michelii*. **20**: 95 m alt., Sandridge, Hill End Farm, TL1711, 2008, Tipper.
- 4.1. *Lunularia cruciata*. **H33**: Derrygonnelly, H15, 2005, BBS meeting.
- 5.1.a. *Marchantia polymorpha* subsp. *polymorpha*. **66**: Stanhope Dene, NY9840, 2008, Corby & O'Reilly; **H39**: with mosses on mud of dried lake, Loughareema, D206361, 1999, Holyoak.
- 6.1. *Preissia quadrata*. **4**: damp sand at base of low sward in dune slack, with grasses, low *Carex*, *Equisetum variegatum* & low herbs, Braunton Burrows: Pebble Slack South, SS458330, 1997, Holyoak; **H36**: Carrickaness Bridge, W of Drumquin, H2974, 2002, Holyoak.
- 10.7. *Riccia sorocarpa*. **H38**: edge of stubble field, near A25 N of Saval (NE of Newry), J1131, 2008, Holyoak.
- 10.9. *Riccia glauca*. **31**: ditch of ride, in an area presently a badger sett, Waresley Wood, Brown's Piece, TL25755499, 2008, Hartley.
- 14.3. *Pellia endiviifolia*. **21**: stream banks, Copse Wood, Ruislip, TQ09, 1994, Wiltshire.

- 15.1. *Petalophyllum ralfsii*. **H40**: damp humic sand of gaps in very short herb-rich grassland of diffuse path at dune slack edge, Ballymaclary N.R., C69873632, 2008, Holyoak.
- 16.4. *Fossombronia pusilla*. **21**: side of gravelly ditch, Ruislip, Copse Wood, TQ0889, 1994, Wiltshire.
- 17.2. *Moerckia flotoviana*. **4**: partly bare damp sand among sparse low herbs, *Equisetum variegatum* & sedges on floor of open dune slack, 10 m alt., Braunton Burrows (S end of Twayblade Slack), SS45883270, 2008, Holyoak, D.T. & Holyoak, G.A.
- 19.1. *Pleurozia purpurea*. **H23**: on peaty plant debris on surface of raised bog; almost unshaded, 65 m alt., W of Carn Park, N11034199, 2007, Holyoak.
- 20.1. *Metzgeria violacea*. **H36**: near Kelly's Bridge, Ardnamona, H0679, 2002, Holyoak; **H38**: Tollymore Forest Park, J3432, 2002, Holyoak; **H40**: Banagher Glen, C6704, 1999, Holyoak.
- 20.2. *Metzgeria consanguinea*. **H36**: N end of Lough Fea, H7587, 2002, Holyoak.
- 20.3. *Metzgeria furcata*. **H32**: near Hilton Lough, H4920, 2007, Holyoak.
- 20.4. *Metzgeria conjugata*. **H36**: Sloughan Glen, H2774, 2002, Holyoak.
- 22.1. *Riccardia multifida*. **H24**: SW of Forthill (Forthill Bog SAC), N0658, 2007, Holyoak.
- 23.1. *Porella platyphylla*. **73**: Blackwater Bridge, NX6188, 2007, Godfrey, Kungu & Rothero.
- 23.5. *Porella pinnata*. **H30**: sandstone rock 0.5 m above water in stream; almost unshaded, 95 m alt., Deerpark, W of Virginia, N59258737, 2001, Holyoak.
- 25.1. *Frullania tamarisci*. **H32**: Barratitoppy Upper, H5642, 2007, Holyoak.

- 26.1. *Jubula hutchinsiae*. **72**: Crichope Linn, NX910954, 1989, Averis; **H36**: Sloughan Glen, H2774, 2002, Holyoak.
- 30.1. *Drepanolejeunea hamatifolia*. **86**: Inversnaid, NN340075, 1990, Averis.
- 32.3. *Lejeunea patens*. **H36**: Butterlope Glen, H4995, 2002, Holyoak.
- 34.1. *Microlejeunea ulicina*. **H30**: Nadreegeel Lough side, N of Ballyjamesduff, N536936, 2005, BBS meeting; **H31**: near Marble Bridge (Ravensdale Park), J0815, 2007, Holyoak.
- 35.1. *Ptilidium ciliare*. **H36**: on unshaded, near-horizontal top of schistose boulder low on E-facing slope, 195 m alt., Barnes Gap, H55098938, 2002, Holyoak.
- 39.2. *Herbertus aduncus*. **H33**: Cuilcagh and points north, H1025, 2005, BBS meeting.
- 40.2. *Bazzania tricrenata*. **H40**: Dart Mountain (N side), H6096, 2002, Holyoak.
- 41.1. *Kurzia pauciflora*. **41**: 100 m alt., Fforest Goch Bog, N side, SN738020, 2006, Bosanquet & Jones.
- 41.3. *Kurzia trichoclados*. **H36**: Bolaght Mountain & SE of Lough Lee, H2676, 2002, Holyoak.
- 42.2. *Lepidozia pearsonii*. **72**: S of Rashiel (E), NY393828, 1992, Averis.
- 44.1. *Lophocolea bidentata*. **H31**: NE side of Carlingford Mountain, J1613, 2008, Holyoak.
- 44.6. *Lophocolea fragrans*. **110**: Mingulay, coastal crags above Bagh Hanadudh, NL57038432, 2008, Long & Rothero.
- 47.1. *Leptoscyphus cuneifolius*. **87**: Glen Falloch, NN310201, 1990, Averis.
- 48.3. *Plagiochila asplenioides*. **H38**: by Shimna River around Parnell's Bridge (Tollymore Forest Park), J3231, 2002, Holyoak.
- 48.7. *Plagiochila spinulosa*. **H36**: Sloughan Glen, H2774, 2002, Holyoak.
- 48.9. *Plagiochila punctata*. **72**: Lochwood, NY083971, 1989, Averis.
- 52.3. *Cephalozia catenulata*. **72**: NNE of Langholm, NY377861, 1992, Averis.
- 53.1. *Cladopodiella fluitans*. **70**: Birky Shanks, Butterburn Flow, NY660759, 2008, O'Reilly.
- 55.1. *Novellia curvifolia*. **H38**: Tollymore Forest Park, J3432, 2002, Holyoak.
- 56.2. *Odontoschisma denudatum*. **H36**: Bolaght Mountain & SE of Lough Lee, H2676, 2002, Holyoak.
- 58.3. *Cephaloziella rubella*. **68**: Bizzle, NT8921, 2006, McCutcheon.
- 58.6. *Cephaloziella divaricata*. **38**: Edgbaston Park, N.R., Birmingham, SP055840, 2004, Border Bryologists.
- 60.3. *Barbilophozia floerkei*. **H33**: Cuilcagh and points north, H1025, 2005, BBS meeting; **H36**: with *Polytrichum strictum* on unshaded low hummock on gentle N-facing hillslope, 550 m alt., N slope of Mullaghdoe, H56839671, 2002, Holyoak.
- 60.5. *Barbilophozia attenuata*. **H36**: on unshaded, near-horizontal top of schistose boulder low on E-facing slope, 195 m alt., Barnes Gap, H55118942, 2002, Holyoak.
- 61.1. *Anastrepta orcadensis*. **H33**: Cuilcagh and points north, H1025, 2005, BBS meeting.
- 64.1. *Anastrophyllum minutum*. **66**: Great Eggeshope Head, NY945328, 2008, O'Reilly.
- 65.1. *Tritomaria exsectiformis*. **H36**: Loughahull, Ardnamona, H0779, 2002, Holyoak.
- 66.1. *Lophozia longidens*. **94**: 350 m alt., Ailnach Ravine, Tomintoul, NJ11, 2006, Chamberlain & Davey.
- 66.2. *Lophozia ventricosa*. **21**: Grimsdyke grounds, Harrow Weald, TQ19, 1981, Marsden; **H38**: with other bryophytes on thin damp soil among granitic rocks on open N-facing hillslope, 340 m alt., N slope of Slieve Donard, J35772889, 2008, Holyoak.
- 66.5. *Lophozia sudetica*. **86**: 300 m alt., Kilsyth, N of, NS78, 2008, Chamberlain *et al.*
- 66.13. *Lophozia bicrenata*. **73**: Moorbrock to Beninner Gairy, NX6095, 2007, Chamberlain *et al.*; **75**: Glenmuck Craig, W side above A713, NS4802, 2007, Rothero; **H36**: Killucan, H6779, 2002, Holyoak.
- 68.1. *Douinia ovata*. **86**: Inversnaid, NN340075, 1990, Averis; **100**: Glen Cloy, NR985333, 1990, Averis.
- 69.1. *Scapania compacta*. **H21**: mainly bare peaty soil in partly burnt area of old quarry, 50 m alt., E of Howth village, O29803897, 2007, Holyoak; **H38**: Murlough N.N.R., J3933, 2002, Holyoak.
- 69.10. *Scapania umbrosa*. **H36**: Butterlope Glen, H4995, 2002, Holyoak.
- 69.11. *Scapania nemorea*. **21**: moist edge of ditch, Ruislip, Park Wood, TQ0988, 1994, Wiltshire.
- 69.12. *Scapania irrigua*. **38**: Winterbourne water garden, Edgbaston, SP054839, 2004, Carrick *et al.*; **H36**: SW of Cam Lough, H6676, 2002, Holyoak.
- 69.19. *Scapania aequiloba*. **H39**: with other low bryophytes on unshaded damp clay of N-facing slope near coast, 20 m alt., Fallowee, D28452528, 2008, Holyoak.

- 74.1. *Calypogeia fissa*. **H31**: NE side of Carlingford Mountain, J1613, 2008, Holyoak.
- 75.4. *Leiocolea fitzgeraldiae*. **H33**: Braade Scarp, H05, 2005, BBS meeting.
- 75.7. *Leiocolea badensis*. **H17**: damp unshaded hollow in floor of disused sand & gravel quarry, with sparse low herbs, sedges & grasses, 75 m alt., just NW of Summerville Lough, M60035018, 2004, Holyoak.
- 75.8. *Leiocolea turbinata*. **21**: floor of chalk pit, Springwell chalk pit, TQ09, 1993, Wiltshire; **H36**: Butterlope Glen, H4995, 2002, Holyoak.
- 78.2. *Jungermannia pumila*. **H38**: steep, partly bare, loamy soil exposed on bank above river, shaded by Beech trees, 30 m alt., N bank of Shimna River in NE part of Tollymore Forest Park, J352323, 2008, Holyoak.
- 79.1. *Nardia compressa*. **H33**: Cuilcagh and points north, H1025, 2005, BBS meeting.
- 79.2. *Nardia scalaris*. **H33**: Cuilcagh and points north, H1025, 2005, BBS meeting.
- 80.5. *Solenostoma hyalinum*. **14**: Eridge Rocks Comp 23 rocks and assoc. woodland, TQ554355, 1980, Davey; **H33**: on vertical, part-shaded, damp shale bank facing N, ca 1 m above stream, 425 m alt., Altscraghy, NE slope of Cuilcagh (Aghatirourke RSPB Reserve), H12822892, 2002, Holyoak.
- 82.2. *Harpanthus scutatus*. **103**: L. Buie SE, NM615226, 1990, Averis.
- 83.1. *Saccogyna viticulosa*. **H38**: by Spinkwee River in Tollymore Forest Park, J3331, 2002, Holyoak.
- 85.4. *Gymnomitrium crenulatum*. **H33**: Cuilcagh and points north, H1025, 2005, BBS meeting.
- 86.1.b. *Marsupella emarginata* var. *aquatica*. **49**: Galt y Wenallt, SH6453, 2006, Bosanquet.
- 1.5. *Sphagnum magellanicum*. **H33**: W of Glencreawan Lough, H0156, 2000, Holyoak.
- 1.6. *Sphagnum squarrosum*. **H36**: near Kelly's Bridge, Ardnamona, H0679, 2002, Holyoak; **H38**: by Shimna River around Parnell's Bridge (Tollymore Forest Park), J3231, 2002, Holyoak.
- 1.8. *Sphagnum fimbriatum*. **H38**: unshaded damp ground at edge of mire near reservoir, with *Polytrichum commune* & *Deschampsia flexuosa*, 330 m alt., near S edge of Spelga Dam, J26932611, 2002, Holyoak.
- 1.10. *Sphagnum russowii*. **86**: Kilsyth Hills, S side of Tomtain, NS7280, 2007, Kneen.
- 1.12. *Sphagnum warnstorffii*. **77**: Red Moss, NS8833 2648, 2005, Chamberlain & Kungu.
- 1.15.a. *Sphagnum subnitens* var. *subnitens*. **H14**: low hummock in mire with *Schoenus nigricans*, *Calluna* & *Erica tetralix*, 90 m alt., E of Derry Hills, N27131237, 2005, Holyoak.
- 1.19. *Sphagnum compactum*. **H33**: W part of Culcarrick Scarp, H0054, 2000, Holyoak.
- 1.21. *Sphagnum inundatum*. **H36**: among low grasses & sedges in flush on N-facing slope, 290 m alt., NE slope of Bolaght Mountain, H26957691, 2002, Holyoak.
- 1.23. *Sphagnum contortum*. **H39**: damp ground in flush in mire, with sparse low *Carex* & *Juncus acutiflorus*, N of Colin Top (Garron Plateau), D222181, 1999, Holyoak.
- 1.25. *Sphagnum tenellum*. **H33**: Correl Glen, H05, 2005, BBS meeting; **H36**: near Kelly's Bridge, Ardnamona, H0679, 2002, Holyoak.
- 1.26. *Sphagnum cuspidatum*. **H33**: Glencreawan Lough and points north, H05, 2005, BBS meeting; **H36**: near Kelly's Bridge, Ardnamona, H0679, 2002, Holyoak.
- 1.30. *Sphagnum fallax*. **H33**: Braade Scarp, H05, 2005, BBS meeting; **H36**: Lough Lee, H2576, 2002, Holyoak; **H38**: by Glen River S of Slievenamaddy, J3529, 2008, Holyoak.
- 1.31. *Sphagnum flexuosum*. **41**: 10 m alt., Pant-y-sais Fen, SS7194, 2005, Bosanquet.
- 2.2.a. *Andreaea rupestris* var. *rupestris*. **73**: Blackwater Bridge, NX6188, 2007, Godfrey, Kungu & Rothero; **H13**: road to Mt Leinster Summit, S85, 2007, Blockeel; **H38**: unshaded, gently sloping surface of granitic block on N-facing hillslope, 360 m alt., N slope of Slieve Donard, J35792879, 2008, Holyoak; **H39**: unshaded sloping top of basalt boulder high

## Mosses

- 1.1. *Sphagnum austinii*. **H39**: hummock in raised bog area, with low *Calluna* & *Eriophorum angustifolium*, S of Crockravar, D233190, 1999, Holyoak.
- 1.2. *Sphagnum affine*. **H2**: forming large low (50 cm) hummocks in open, cut-over, wet bog, 30 m alt., N of Cromaglan Mountain, V93018291, 2005, Holyoak.
- 1.3. *Sphagnum papillosum*. **H33**: Glencreawan Lough and points north, H05, 2005, BBS meeting.
- 1.4.a. *Sphagnum palustre* var. *palustre*. **38**: Edgbaston Park, N.R., Birmingham, SP055840, 2004, Border Bryologists.

- on E-facing slope, 335 m alt., N end of Sallagh Braes, D33980596, 2008, Holyoak; **H40**: boulders & low outcrops of basalt on SW to W-facing slope, 370 m alt., E of Binevenagh Lake, C691306, 1999, Holyoak.
- 2.6.b. *Andreaea rothii* subsp. *falcata*. **73**: Moorbrock to Beninner Gairy, NX6095, 2007, Chamberlain *et al.*; **H33**: Cuilcagh and points north, H1025, 2005, BBS meeting; **H38**: unshaded sloping surface of granitic block low on hillside, 320 m alt., N slope of Slieve Donard, J35702897, 2008, Holyoak.
- 2.8. *Andreaea megistospora*. **H3**: on steep side of sandstone block on SE-facing hillside; unshaded, 355 m alt., E of Coomroe, W07126562, 2006, Holyoak.
- 5.1. *Oligotrichum hercynicum*. **H33**: Cuilcagh and points north, H1025, 2005, BBS meeting.
- 6.2. *Pogonatum aloides*. **H33**: Correl Glen, H05, 2005, BBS meeting.
- 6.3. *Pogonatum urnigerum*. **H33**: Pollawaddy, H13, 2005, BBS meeting; **H36**: N end of Lough Fea, H7587, 2002, Holyoak.
- 7.1. *Polytrichastrum alpinum*. **H33**: NE slope of Cuilcagh (Aghatirourke RSPB Reserve), H1228, 2002, Holyoak; **H36**: Barnes Gap, H5589, 2002, Holyoak.
- 8.4. *Polytrichum strictum*. **H33**: Meenameen Lough, Meenameen Scarp, H05, 2005, BBS meeting; **H36**: Mullaghdoe, H5696, 2002, Holyoak.
- 17.1. *Physcomitrium pyriforme*. **H19**: field of cereal stubble, near Townparks, just S of Castledermot, S7884, 2008, Holyoak.
- 21.1. *Schistidium maritimum*. **H21**: E of Howth village, O2939, 2007, Holyoak.
- 21.2. *Schistidium rivulare*. **99**: Douglas Water, NS39, 2007, Rothero.
- 21.8. *Schistidium pruinosum*. **H39**: cushions on near-vertical basalt at base of low NNE-facing crag, 305 m alt., N side of Knock Dhu, D33650695, 2008, Holyoak.
- 22.24. *Grimmia hartmanii*. **72**: 160 m alt., Chanlockfoot, NS788003, 2005, Bosanquet *et al.*
- 22.25. *Grimmia decipiens*. **H16**: unshaded top of block of ultrabasic rock on slope by track, 30 m alt., NW side of Errisbeg, L68244068, 2004, Holyoak.
- 23.3. *Racomitrium aquaticum*. **H38**: flushed, gently sloping, granitic rock of outcrop on N-facing slope near stream; slightly shaded, 320 m alt., below Black Stairs, J36452923, 2008, Holyoak.
- 23.4. *Racomitrium fasciculare*. **H33**: Quilcagh, NE slope (RSPB reserve and nearby), H13, 2005, BBS meeting.
- 23.6. *Racomitrium sudeticum*. **73**: Moorbrock to Beninner Gairy, NX6095, 2007, Chamberlain *et al.*; **H27**: patches on unshaded sloping surface of boulder (Mweelrea Grit) on E-facing slope, 500 m alt., W of Lough Bellawaum, Mweelrea, L79616718, 2003, Holyoak; **H38**: unshaded sloping surfaces of large boulder on N-facing hillside, 295 m alt., below Black Stairs, Thomas's Mountain, SW of Newcastle, J36422927, 2002, Holyoak.
- 23.7. *Racomitrium affine*. **73**: Loch Ken, W side, NX7167, 2007, Godfrey & Kungu; **86**: Kilsyth Hills, S side of Tomtain, NS7280, 2007, Kneen; **H39**: unshaded tops & sides of basalt boulders at foot of slope below crags, 325 m alt., N side of Knock Dhu, D33890686, 2008, Holyoak.
- 23.8. *Racomitrium heterostichum*. **73**: Blackwater Bridge, NX6188, 2007, Godfrey, Kungu & Rothero; **H31**: NE side of Carlingford Mountain, J1613, 2008, Holyoak; **H38**: unshaded top of large granitic boulder ca 1.5 m above water of small river, 315 m alt., by Glen River S of Slievenamaddy, J35662900, 2008, Holyoak.
- 23.10. *Racomitrium lanuginosum*. **52**: Cors Goch west, SH496813, 2007, Bosanquet.
- 23.11. *Racomitrium ericoides*. **70**: Armathwaite, R. Eden, S of, NY54, 2008, Lawley; **73**: Moorbrock to Beninner Gairy, NX6095, 2007, Chamberlain *et al.*; **H3**: patch on unshaded flat horizontal sandstone rock of top of retaining wall below road edge, 135 m alt., Allihies (Mountain Mine), V59044579, 2008, Holyoak.
- 25.1. *Campylostelium saxicola*. **H1**: with other small bryophytes on unshaded surface of sloping sandstone block on N-facing hillslope near stream, 230 m alt., N of Coomacullen Lake, V62458320, 2006, Holyoak.
- 26.1. *Blindia acuta*. **H36**: Barnes Gap, H5589, 2002, Holyoak.
- 27.1. *Brachydontium trichodes*. **H38**: damp sloping surface sandstone boulders on floor of old quarry, slightly shaded by scrub, 100 m alt., Scrabo quarry, J47827239, 2002, Holyoak.
- 28.8. *Seligeria calcarea*. **21**: chalk rocks, Harefield, Springwell chalkpit, TQ0493, 1994, Wiltshire.
- 29.1. *Archidium alternifolium*. **20**: 200 m alt., Ash-ridge NT, Grymes Dell, SP9711, 2008, Tipper.

- 30.1. *Fissidens viridulus*. **80**: Dinley Burn, NY470960, 1992, Averis.
- 30.3. *Fissidens pusillus*. **70**: Armathwaite, R. Eden, S of, NY54, 2008, Lawley; **72**: 30 m alt., Primrose Wood S of Brydekirk, W bank River Annan, NY1969, 2008, Preston; **97**: John Muir Reserve, Knoydart, Inbhir Dhorcail Ravine, NG8404, 1990, Chamberlain *et al.*; **H30**: Lough Oughted, Gartnanoul Point, H3406, 2005, BBS meeting.
- 30.6.a. *Fissidens bryoides* var. *bryoides*. **38**: Edgbaston Park, N.R., Birmingham, SP055840, 2004, Border Bryologists.
- 30.9. *Fissidens crassipes*. **H14**: 5–10 cm above water level of small stream on base of mortared stone wall of large bridge near river, 55 m alt., NW side of Tankardstown Bridge, S703882, 2005, Holyoak; **H33**: wet soil just above water in ditch near concrete weir & edge of spruce plantation, S of Meenameen Lough, H027553, 2000, Holyoak.
- 30.10. *Fissidens rufulus*. **H33**: Marble Arch, H13, 2005, BBS meeting.
- 30.14. *Fissidensosmundoides*. **H36**: Barnes Gap, H5589, 2002, Holyoak; **H38**: soil among rocks shaded under large block in edge of small stream, 285 m alt., base of Black Stairs, J36462925, 2008, Holyoak.
- 32.1. *Pseudephemerum nitidum*. **H33**: Monawilkin, H05, 2005, BBS meeting; **H36**: Drum Manor Forest Park, H7578, 2002, Holyoak.
- 33.1. *Trichodon cylindricus*. **30**: 200 m alt., Whipsnade Heath (N), TL0118, 2007, Tipper; **H36**: Drum Manor Forest Park, H7677, 2002, Holyoak.
- 34.5. *Ditrichum heteromallum*. **H36**: W of Brackagh South, H5779, 2002, Holyoak; **H38**: with *Pogonatum aloides* on steep damp sandy soil of bank ca 0.7 m above water near edge of stream; part-shaded, 255 m alt., N of Black Stairs, J36472937, 2008, Holyoak.
- 45.1. *Dichodontium pellucidum*. **38**: Winterbourne water garden, Edgbaston, SP054839, 2004, Border Bryologists.
- 45.2. *Dichodontium flavescens*. **72**: Foulbog, S of, Tomleuchars Burn, Eskdale, NT2406, 2007, Godfrey & Kungu; **98**: Wooded ravine, Fincharn River, Ederline Estate, NM90, 2008, Rothero.
- 52.1. *Dicranella schreberiana*. **72**: Mackwhinny Park, Hannah Park, NY1367, 2007, Chamberlain *et al.*; **87**: Devilla Plantation, near Kincardine, NS98, 2008, Chamberlain; **H33**: Derrygonelly, H15, 2005, BBS meeting; **H36**: Butterlope Glen, H4995, 2002, Holyoak.
- 52.3. *Dicranella crispa*. **H1**: partly bare, unshaded gravelly clay ca 2 m above base of sea cliff slope, with patchy cover of bryophytes & few grasses, 5 m alt., Rinneen, V49346155, 2006, Holyoak.
- 52.5. *Dicranella varia*. **21**: on level floor of old workings, Springwell chalk quarry, TQ09, 1993, Wiltshire.
- 52.8. *Dicranella cerviculata*. **21**: West Heath, TQ28, 1994, Rieser; **H23**: almost bare, unshaded, damp peat of raised bog remnant adjoining peat diggings, 45 m alt., W of Tullycross, N07814299, 2007, Holyoak.
- 53.5. *Dicranum majus*. **21**: at tree base, Ruislip, Cope Wood, TQ0889, 1993, Wiltshire.
- 53.11. *Dicranum scottianum*. **86**: Ross Wood-Sallochy, NS375958, 1990, Averis; **H36**: Bolaght Mountain & SE of Lough Lee, H2676, 2002, Holyoak.
- 56.10.a. *Campylopus atrovirens* var. *atrovirens*. **H36**: Bolaght Mountain & SE of Lough Lee, H2676, 2002, Holyoak.
- 59.1. *Eucladium verticillatum*. **H6**: Bunmahon coast, X4498, 1999, BBS meeting.
- 60.1.a. *Weissia controversa* var. *controversa*. **21**: floor of old chalk pit, Harefield, Springwell chalk pit, TQ0493, 1994, Wiltshire.
- 60.1.c. *Weissia controversa* var. *densifolia*. **H10**: cushions on unshaded stony (shale) mine spoil, 105 m alt., Shallee, R80457113, 2008, Holyoak.
- 60.2. *Weissia perssonii*. **H6**: unshaded low bank of vertical stony soil facing S by track edge near cliff top, 30 m alt., just E of Kilmurrin Cove, X46849848, 2007, Holyoak.
- 60.5.b. *Weissia brachycarpa* var. *obliqua*. **77**: Coulter, Black Hill, NT03, 2008, Chamberlain.
- 61.1. *Tortella tortuosa*. **H38**: base of mortared stone wall of Ice House, N of Black Stairs, J3629, 2008, Holyoak.
- 61.7. *Tortella inclinata*. **41**: loose dunes, Kenfig NNR, SS7981, 2007, Lawley & Martin; **H38**: unshaded gravelly sand with sparse low vegetation of bryophytes, lichens & herbs in open area of dune heath, 10 m alt., Murlough Dunes, NE of Newcastle, J39763336, 2008, Holyoak.
- 66.1. *Anoetangium aestivum*. **H33**: tufts on steep unshaded limestone rock at base of crag on NE-facing hillslope, N side of Benaughlin, H176316, 2000, Holyoak.
- 67.1. *Gyrowesia tenuis*. **38**: Edgbaston Park, N.R., Birmingham, SP055840, 2004, Carrick *et al.*; **H33**: Castle Caldwell, H0160, 2000, Holyoak; **H36**:

- Willmount Glen, H2874, 2002, Holyoak.
- 68.1. *Gymnostomum viridulum*. **H6**: Tallowbridge, banks of R. Bride, W9994, 1999, BBS meeting.
- 68.2. *Gymnostomum calcareum*. **H36**: Butterlope Glen, H4995, 2002, Holyoak.
- 69.1. *Molendooa warburgii*. **100**: Pirnmill, NR875441, 1990, Averis.
- 72.1. *Ephemerum recurvifolium*. **20**: 110 m alt., Great Gaddesden, Farmland, The Hoo, TL0311, 2007, Tipper.
- 72.6. *Ephemerum serratum*. **4**: inundation zone of reservoir, SE edge of Upper Tamar Lake, SS21, 2003, Holyoak.
- 72.7. *Ephemerum minutissimum*. **H40**: unshaded, mainly bare, loamy soil in stubble field, 40 m alt., Dundooan (N of Coleraine), C85273570, 2008, Holyoak.
- 75.1. *Pseudocrossidium hornschiebianum*. **69**: Sand-scale Haws, SD1874, 1999, Holyoak; **72**: Bankend, NY0268, 2007, Godfrey; **87**: Devilla Plantation, near Kincardine, NS98, 2008, Chamberlain; **H33**: Pollawaddy, H13, 2005, BBS meeting; **H36**: Bolaght, H2776, 2002, Holyoak.
- 75.2. *Pseudocrossidium revolutum*. **H33**: Belmore Mountain (from Rahallan northwards), H1440, 2005, BBS meeting; **H36**: Butterlope Glen, H4995, 2002, Holyoak.
- 76.1. *Bryoerythrophyllum recurvirostrum*. **21**: ditch & picnic area, Hounslow Heath, TQ17, 1995, Wiltshire.
- 79.3. *Didymodon rigidulus*. **H30**: Lough Oughted, Gartnanoul Point, H3406, 2005, BBS meeting.
- 79.4. *Didymodon nicholsonii*. **H2**: unshaded horizontal concrete of hard standing in camping ground, sheltered by bushes & trees, 30 m alt., Fossa, V91339217, 2006, Holyoak; **H5**: trees by the river, Littlegrace, R. Bride, W9894, 1999, BBS meeting.
- 79.7. *Didymodon vinealis*. **H36**: near Kelly's Bridge, Ardnamona, H0679, 2002, Holyoak.
- 79.8. *Didymodon insulanus*. **38**: Edgbaston Park, N.R., Birmingham, SP055840, 2004, Carrick *et al.*; **H18**: W of Clonmacnoise, N0030, 2007, Holyoak; **H38**: NE part of Tollymore Forest Park, J3532, 2008, Holyoak.
- 79.9. *Didymodon luridus*. **38**: Edgbaston Park, N.R., Birmingham, SP055840, 2004, Carrick *et al.*; **74**: Logan Botanic Garden, NX0540, 2007, Chamberlain.
- 79.11. *Didymodon sinuosus*. **46**: Wallog, SN58, 1986, Bates.
- 79.12. *Didymodon tophaceus*. **38**: Winterbourne water garden, Edgbaston, SP054839, 2004, Border Bryologists.
- 79.16. *Didymodon ferrugineus*. **H39**: The White Rocks (E of Portrush), C8840, 2008, Holyoak; **H40**: with other low mosses on part-bare sand of disturbed area in dune slack, 5 m alt., Ballymaclary N.R., C69793634, 2008, Holyoak.
- 82.3. *Aloina aloides*. **21**: floor of old chalk pit, Springwell chalk pit, TQ09, 1994, Wiltshire; **H15**: Tynagh mine area, M7513, 2008, Holyoak; **H19**: on loamy soil of low earth bank at edge of lawn and riverside path, 110 m alt., by R. Liffey near Ballymore Eustace, N92510978, 2005, Holyoak; **H33**: Monawilkin, H05, 2005, BBS meeting.
- 82.4. *Aloina ambigua*. **21**: bench of chalk quarry, Harefield, old chalk quarry, TQ09, 1981, Gardiner.
- 83.2. *Tortula schimperi*. **22**: Bracknell, Warfield Park, SU8969, 1986, Watling.
- 83.18. *Tortula truncata*. **H33**: Monawilkin, H05, 2005, BBS meeting.
- 85.2.a. *Microbryum davallianum* var. *davallianum*. **50**: Eryrys Mountain, SJ189578, 2008, BBS meeting; **H2**: partly bare soil among *Agrostis stolonifera* in cattle-poached pasture at top edge of saltmarsh, 5 m alt., NE edge of Barrow Harbour, Q75061828, 2005, Holyoak; **H33**: E shore of Upper L. Erne N of Lady Craigavon Bridge, H3328, 2002, Holyoak.
- 85.3. *Microbryum rectum*. **H23**: on vertical loamy soil of low bank at edge of path near canal, slightly shaded by overhanging grasses, 90 m alt., by Ballina Bridge, N38795102, 2007, Holyoak.
- 86.3. *Henediella heimii*. **5**: W of Blue Anchor, ST014436, 2000, Holyoak; **H39**: steep soil of bank facing N, just above shore, 7 m alt., Dunseverick, C99394448, 2003, Holyoak.
- 89.1.a. *Syntrichia ruralis* var. *ruralis*. **H33**: Cuilcagh and points north, H1025, 2005, BBS meeting.
- 89.1.b. *Syntrichia ruralis* var. *ruraliformis*. **H38**: unshaded sand with short patchy grassland by path in dunes, 10 m alt., Murlough Dunes, NE of Newcastle, J39773361, 2008, Holyoak.
- 89.3. *Syntrichia montana*. **H32**: Clones, Church of Ireland church in centre, H501258, 2005, BBS meeting.
- 89.6. *Syntrichia laevipila*. **H14**: trunk of large ash tree in edge of grassland near river, 55 m alt., just NW of Tankardstown Bridge, S703882, 2005, Holyoak.
- 89.7. *Syntrichia papillosa*. **H12**: unshaded, S-facing

- bark on base of trunk of large beech tree in hedgerow, 0.2–0.8 m above ground, 15 m alt., near Clonough Bridge, T21176694, 2007, Holyoak.
- 89.8. *Syntrichia latifolia*. **H14**: unshaded vertical concrete of river gauging station, ca 2 m above (summer) water level, 65 m alt., by R. Barrow near Borness Bridge, N46350929, 2005, Holyoak.
- 90.1. *Cinclidotus fontinaloides*. **21**: concrete boulder in water, Penton Island, TQ0469, 1993, Wiltshire; **H31**: by Drumcar Bridge, O0691, 2007, Holyoak.
- 92.2. *Tetraplodon mnioides*. **H33**: Cuilcagh and points north, H1025, 2005, BBS meeting.
- 94.1. *Splachnum sphaericum*. **H33**: Cuilcagh and points north, H1025, 2005, BBS meeting; **H36**: Mullaghdoe, H5696, 2002, Holyoak.
- 94.2. *Splachnum ampullaceum*. **H33**: Quilcagh, NE slope (RSPB reserve and nearby), H13, 2005, BBS meeting.
- 97.1. *Amblyodon dealbatus*. **H16**: Truska, Slyne Head peninsula, L585460, 2004, Holyoak; **H40**: on vertical edge of old wheel rut in dune slack, Ballymaclary N.R., C70013630, 2008, Holyoak.
- 100.2. *Orthotrichum striatum*. **H23**: Coosan Point, N0446, 2007, Holyoak.
- 100.5. *Orthotrichum affine*. **38**: Edgbaston Park, N.R., Birmingham, SP055840, 2004, Border Bryologists.
- 100.9. *Orthotrichum anomalum*. **H32**: Barratitopy Upper, H5642, 2007, Holyoak.
- 100.14. *Orthotrichum tenellum*. **H12**: unshaded, S-facing bark on base of trunk of large beech tree in hedgerow, 0.2–0.8 m above ground, 15 m alt., near Clonough Bridge, T21176694, 2007, Holyoak; **H33**: E shore of Upper L. Erne N of Lady Craigavon Bridge, H3328, 2002, Holyoak; **H36**: concrete gate posts at edge of damp pasture, NE of Crockfadda, H378601, 1999, Holyoak.
- 100.17. *Orthotrichum diaphanum*. **H6**: Dunmore East, coast, S of, X6899, 2005, Bosanquet & Porley.
- 100.18. *Orthotrichum pulchellum*. **H10**: Lackamore, R7860, 2008, Holyoak; **H30**: Nadreegeel Lough side, N of Ballyjamesduff, N536936, 2005, BBS meeting.
- 101.4. *Ulota bruchii*. **H14**: on *Fraxinus excelsior* twig fallen from canopy of low woodland on rocky N-facing slope, 155 m alt., Clopook Wood, E of Clopook, S584908, 2005, Holyoak.
- 101.5. *Ulota calvescens*. **H30**: Lough Oughter, Inishconnell, H3507, 2005, BBS meeting.
- 101.7. *Ulota phyllantha*. **86**: Carron Glen, Fankerton, NS7883, 2007, Chamberlain, Kungu & Rothero.
- 102.2. *Hedwigia stellata*. **73**: Stroan Hill, S of, NX69758472, 2007, Chamberlain *et al.*; **H1**: unshaded top of sandstone block on lake edge, ca 1.5 m above water level, 315 m alt., E shore of Coomnacronia Lake, V60458582, 2006, Holyoak; **H35**: unshaded granitic boulders on moorland slope, 26 m alt., near Lackagh River and NW edge of Glen Lough, C10392978, 2002, Holyoak; **H36**: Creeve Lough, hill, SE of, H7351, 1986, Synnott; **H40**: Binevenagh, C6830, 2008, Holyoak.
- 107.5. *Philonotis fontana*. **53**: Whisby Country Park, SK96, 2008, Lammiman.
- 110.1. *Anomobryum julaceum*. **H36**: with other low bryophytes on thin soil over damp quarried schistose rock; almost unshaded, 180 m alt., Barnes Gap, H55058973, 2002, Holyoak.
- 110.2. *Anomobryum concinnatum*. **96**: Ord Ban, Loch an Eilein, NH80, 2002, Chamberlain, D.F., Chamberlain, M. & Kungu.
- 111.11. *Bryum algovicum*. **H23**: on old mortar and thin soil in lightly shaded crevice of N-facing mortared limestone wall by canal, 90 m alt., by Ballina Bridge, N388510, 2007, Holyoak; **H30**: mortar on small ledge of wall of ruined house; unshaded, 306 m alt., just S of R200 W of Bellavally Gap, H11182455, 2001, Holyoak.
- 111.15. *Bryum intermedium*. **28**: unshaded marly sediment at edge of dried pool on dunes, with sparse cover of low mosses & few grasses, 5 m alt., Holme-next-the-Sea, TF70814478, 2008, Holyoak.
- 111.23. *Bryum pallescens*. **H33**: Derrygonnelly, H15, 2005, BBS meeting.
- 111.24.b. *Bryum pseudotriquetrum* var. *bimum*. **20**: 180 m alt., Woodland Trust, Oddy Hill, Tring, SP9310, 2007, Tipper; **H12**: on damp sand near edge of pool in dunes, slightly shaded by sedges & herbs, 6 m alt., near The Raven Point, T11732342, 2007, Holyoak.
- 111.33. *Bryum radiculosum*. **H20**: unshaded earthy mortar on top of wall of ruined mine building on hillside, 295 m alt., Vale of Glendasan (near Foxrock Mine), T10359825, 2008, Holyoak; **H36**: Drum Manor Forest Park, H7677, 2002, Holyoak.
- 111.34. *Bryum ruderale*. **H2**: unshaded sandy soil on old derelict farm trailer in grassland near cliff top, 15 m alt., W of Moneycashen Quay, Q85443802, 2005, Holyoak.
- 111.42. *Bryum rubens*. **H40**: unshaded, mainly bare, loamy soil in stubble field, 40 m alt., Dundooan

- (N of Coleraine), C85273570, 2008, Holyoak.
- 111.43. *Bryum riparium*. **H16**: unshaded thin soil (humic sand) over sloping siliceous rock at upper edge of inundation zone beside small river, 115 m alt., beside Srahnalong River SE of Maumtrasna, L99496192, 2003, Holyoak.
- 112.1. *Rhodobryum roseum*. **72**: S of Cooms Burn, NY417895, 1992, Averis; **H26**: with other mosses on old rotten tree stump in Hazel coppice on limestone pavement; slightly shaded, 20 m alt., E of Cong, M15055571, 2003, Holyoak; **H40**: crevices of gravelly scree of basalt fragments on N-facing slope below crag, among sparse grasses & herbs, 15 m alt., Downhill, C75053608, 2008, Holyoak.
- 114.8. *Poblia filum*. **H36**: partly bare sandy mud on flat ground in old sand & gravel quarry, with sparse low herbs & grasses, 180 m alt., W of Brackagh South, H57327972, 2002, Holyoak.
- 114.11. *Poblia annotina*. **H33**: NE slope of Cuilcagh (Aghatirourke RSPB Reserve), H1228, 2002, Holyoak.
- 116.3. *Mnium thomsonii*. **H16**: with other mosses in shaded crevice under overhangs of NW-facing part of calcareous schist crag, 210 m alt., Lugrevagh, NE of Benbaun, L78925559, 2004, Holyoak.
- 116.5.a. *Mnium marginatum* var. *marginatum*. **H16**: with other low bryophytes on soil under overhang of N-facing crag of calcareous schist, 250 m alt., Lugrevagh, NE of Benbaun, L78885543, 2004, Holyoak; **H33**: soil of ledge on low limestone crag in Ash/Hazel wood above E bank of river, E of Polreagh, H118332, 2000, Holyoak.
- 116.6. *Mnium stellare*. **H33**: Monawilkin, H05, 2005, BBS meeting.
- 119.5. *Plagiomnium ellipticum*. **H23**: in moss carpet at base of open cover of *Carex* & *Phragmites* in shallow water of edge of reedswamp fringing lough, 35 m alt., by S edge of Doonis Lough, N09575381, 2007, Holyoak.
- 119.7. *Plagiomnium rostratum*. **21**: base of small tree stump subject to flooding, Syon House, Isleworth, meadows by Thames, TQ17, 1982, Gardiner.
- 120.1. *Pseudobryum cinclidioides*. **95**: amongst sedges carpeting loch, Loch Roid, Boat of Garten, NH919187, 2007, Payne.
- 130.1.b. *Fontinalis antipyretica* var. *gracilis*. **110**: 10 m alt., Gabhsann bho Thuath, NB4459, 2007, BBS meeting.
- 132.1. *Palustriella commutata*. **H14**: in damp hollow shaded by sparse *Juncus*, 90 m alt., E of Derry Hills, N27071235, 2005, Holyoak; **H23**: base of open cover of low *Carex* in unshaded fen near lough shore, 35 m alt., by S edge of Doonis Lough, N09585380, 2007, Holyoak.
- 134.2. *Campylium protensum*. **H33**: Meenameen Lough, Meenameen Scarp, H05, 2005, BBS meeting.
- 135.1. *Campyliadelphus chrysophyllus*. **7**: in species-rich chalk grassland on a sunny slope of an earthwork, Avebury, SU10307017, 2008, Pilkington; **21**: Springwell chalk quarry, TQ09, 1994, Wiltshire; **H33**: Belmore Mountain (from Rahallan northwards), H1440, 2005, BBS meeting.
- 137.2. *Hygroamblystegium tenax*. **H33**: on vertical side of limestone boulder 10 cm above water (summer level) of river, shaded by edge of deciduous woodland, Cladagh River below Marble Arch, H128356, 2000, Holyoak.
- 138.1. *Leptodictyum riparium*. **H32**: Lough Egish, H7713, 2005, BBS meeting.
- 140.2. *Drepanocladus aduncus*. **H36**: unshaded wet sandy mud at edge of pool in old sand & gravel quarry, among patchy grasses & *Juncus*, 180 m alt., W of Brackagh South, H57357954, 2002, Holyoak.
- 142.1. *Sanionia uncinata*. **H36**: Carrickaness Bridge, W of Drumquin, H2974, 2002, Holyoak.
- 144.1. *Pseudocalliergon lycopodioides*. **45**: dune slack, 20 m alt., Mere Pool Valley, Stachpole, SR975942, 1996, Hale & Stewart; **H17**: part of unshaded moss carpet in inundation zone of turf lough, 89 m alt., S of Cootagh, M57546814, 2004, Holyoak.
- 146.1. *Sarmentypnum exannulatum*. **H33**: Glencreawan Lough and points north, H05, 2005, BBS meeting; **H39**: mire near lake, S end of Lough Fadden, D187420, 1999, Holyoak.
- 147.1. *Straminergon stramineum*. **H36**: Loughahull, Ardnamon, H0779, 2002, Holyoak; **H39**: E of Loughgarve (Garron Plateau), D2117, 1999, Holyoak.
- 149.2. *Scorpidium cossonii*. **H15**: among low sedges & herbs in short fen vegetation near lough shore, 35 m alt., W of Cregg Point near shore of L. Derg, R80259966, 2004, Holyoak; **H27**: with mosses at water level in edge of small shallow pool in extensive calcareous flush; unshaded, 68 m alt., Coolturk, W of Crossmolina, G07161818, 2003, Holyoak.
- 150.2. *Calliergon giganteum*. **H36**: Loughahull, Ardnamon, H0779, 2002, Holyoak.

- 151.1. *Leskea polycarpa*. **H24**: near Collum Point, N0157, 2007, Holyoak.
- 156.1.a. *Abietinella abietina* var. *abietina*. **20**: 180 m alt., Woodland Trust, Oddy Hill, Tring, SP9310, 2006, Tipper.
- 156.1.b. *Abietinella abietina* var. *hystricosa*. **H35**: in short grassland of hollow at base of dune near slack-edge, W of Dunfanaghy, B99823671, 2002, Holyoak.
- 157.2. *Thuidium delicatulum*. **H36**: Bolaght Mountain & SE of Lough Lee, H2676, 2002, Holyoak.
- 157.3. *Thuidium assimile*. **21**: Copper Mill Down, TQ0490, 1964, Coker; **74**: 80 m alt., Loch Mochram, Doon of May, car park and cutover, NX3052, 2007, Kungu.
- 164.1. *Rhynchostegium murale*. **H33**: Monawilkin, H05, 2005, BBS meeting.
- 164.2. *Rhynchostegium confertum*. **H24**: near Collum Point, N0157, 2007, Holyoak; **H36**: Drum Manor Forest Park, H7677, 2002, Holyoak; **H39**: Galboly, D2925, 2008, Holyoak.
- 165.1. *Rhynchostegiella tenella*. **74**: Logan Botanic Garden, NX0540, 2007, Chamberlain.
- 166.1. *Cirriphyllum piliferum*. **H36**: Sloughan Glen, H2774, 2002, Holyoak.
- 166.2. *Cirriphyllum crassinervium*. **105**: Dornie, NG889250, 1989, Averis.
- 167.1. *Oxyrrhynchium pumilum*. **H11**: with other mosses on small damp ledge beneath overhangs at cave entrance, 115 m alt., Dunmore Cave, S509649, 2005, Holyoak.
- 169.4. *Sciuro-hypnum populeum*. **112**: Kergord Plantations SSSI, HU35, 1999, Newton; **H36**: Willmount Glen, H2874, 2002, Holyoak.
- 170.1. *Brachythecium albicans*. **H40**: Benone, C7136, 1999, Holyoak.
- 170.7. *Brachythecium rivulare*. **21**: embankment of river, Chertsey Bridge, embankment near, TQ06, 1994, Wiltshire.
- 171.1. *Scleropodium cespitans*. **H33**: shaded boulder at foot of cliff, Pollawaddy, H119335, 2005, BBS meeting; **H6**: vertical silted bark of *Salix fragilis* tree at edge of river, 15 m alt., S bank of R. Blackwater N of Ballynerron East, W94149907, 2007, Holyoak; **H7**: rocks by river, Caher town centre, S0424, 2007, Bosanquet.
- 174.2. *Homalothecium lutescens*. **21**: Springwell chalk quarry, TQ09, 1994, Wiltshire.
- 177.2. *Calliergonella lindbergii*. **H33**: Quilcagh, NE slope (RSPB reserve and nearby), H13, 2005, BBS meeting; **H36**: W of Brackagh South, H5779, 2002, Holyoak.
- 178.1. *Taxiphyllum wissgrillii*. **H16**: thin soil on limestone rock in part-shade of cave entrance, 25 m alt., The Pigeon Hole, W of Cong, M133553, 2004, Holyoak; **H40**: basalt boulder on slope above stream, lightly shaded by deciduous woodland, Downhill Forest, C761348, 1999, Holyoak.
- 181.4. *Hypnum andoi*. **76**: Lunderston Bay, NS206740, 1990, Averis.
- 181.7. *Hypnum imponens*. **72**: Shillingland Moor, NX7884, 2007, Chamberlain *et al.*
- 183.1.a. *Ctenidium molluscum* var. *molluscum*. **21**: limestone rocks in formal garden, Trent Park, TQ29, 1995, Harrington & Wiltshire.
- 184.1. *Hycomium armoricum*. **H36**: Sloughan Glen, H2774, 2002, Holyoak.
- 190.1. *Loeskeobryum brevirostre*. **H36**: Drum Manor Forest Park, H7578, 2002, Holyoak.
- 197.3.a. *Plagiothecium denticulatum* var. *denticulatum*. **H33**: Belmore Mountain (from Rahallan northwards), H1440, 2005, BBS meeting.
- 197.6. *Plagiothecium platyphyllum*. **96**: Coire an Lochain, NH9802, 2004, Chamberlain & Davey.
- 197.9. *Plagiothecium nemorale*. **H36**: Sloughan Glen, H2774, 2002, Holyoak.
- 198.1. *Isopterygiopsis muelleriana*. **49**: damp crevice at base of N-facing crags, 500 m alt., below Twll Du, Cwm Idwal, SH642587, 1999, Holyoak; **H1**: with other bryophytes in shaded hole at base of shallow gully in damp N-facing sandstone crag on slope above lake, 380 m alt., above SW corner of Coomeeneragh Lake, V638830, 2006, Holyoak.
- 201.1. *Entodon concinnus*. **H30**: part of moss mat on unshaded ledge at base of low E-facing crag, 225 m alt., N of Manragh, H08273459, 2001, Holyoak; **H40**: very short vegetation in sandy edge of dune-slack, 5 m alt., Ballymaclary N.R., C69693650, 2008, Holyoak.
- 207.1.a. *Leucodon sciuroides* var. *sciuroides*. **H6**: bark of fallen part of trunk of very large *Tilia* tree near edge of pasture on slope above river, 25 m alt., ca 200 m NNE of Knocklofty Bridge, S14522071, 2007, Holyoak.
- 210.2. *Neckera crispa*. **H36**: Carrickaness Bridge, W of Drumquin, H2974, 2002, Holyoak.
- 210.3. *Neckera pumila*. **H36**: Drum Manor Forest Park, H7677, 2002, Holyoak.

- 210.4. *Neckera complanata*. **H21**: Coppermill Down, TQ0490, 1981, Gardiner.
- 211.1. *Homalia trichomanoides*. **H31**: on rock at base of mortared roadside wall, part-shaded by edge of deciduous woodland, 75 m alt., just N of Ravensdale, J089132, 2007, Holyoak; **H36**: Drum Manor Forest Park, H7677, 2002, Holyoak.
- 213.1. *Leptodon smithii*. **H6**: steep bark on N side of trunk of small leaning ash tree ca 2.1 m above ground, 25 m alt., E bank of R. Suir S of Knocklofty Bridge, S14582032, 2007, Holyoak.
- 214.1.b. *Isoetecium myosuroides* var. *brachytheციoides*. **H36**: Mullaghdoe, H5696, 2002, Holyoak.
- 214.3. *Isoetecium holtii*. **H38**: on siliceous metamorphic rock exposed ca 1 m above water level at edge of river (in inundation zone), shaded by beech trees, 30 m alt., N bank of Shimna River in NE part of Tollymore Forest Park, J352323, 2008, Holyoak.

- 216.3. *Anomodon viticulosus*. **H36**: SE of Derg Lodge, Ardnamona, H0879, 2002, Holyoak.

Recorders whose names are listed for debracketed records

*A.B.G. Averis, J.W. Bates, T.L. Blockeel, Border Bryologists, S.D.S. Bosanquet, BBS meeting, T. Carrick, D.F. Chamberlain, P.D. Coker, F. Corby, M.F.V. Corley, S.R. Davey, L. Fraser, J.C. Gardiner, M.F. Godfrey, A.D. Hale, A. Harrington, S. Hartley, A. Hill, D.T. Holyoak, J. James, P.S. Jones, Mrs S Kneen, E.M. Kungu, FR. Lammiman, M. Lawley, D.G. Long, M.V. Marsden, R.R. Martin, D.E. McCutcheon, M.E. Newton, J. O'Reilly, A.G. Payne, S.L. Pilkington, R.D. Porley, C.D. Preston, C. Rieser, F. Rose, G.P. Rothero, N Stewart, D.M. Synnott, S. Thomas, C.T.W. Tipper, M.C. Watling, E. Wiltshire.*

Mark O. Hill (e moh@ceh.ac.uk)