

BAP - Lichens (Scotland)

These are on-going studies, being regularly up-dated as and when additional field work is carried out. In some cases, these species dossiers represent a stage one phase only. (April 10th 2000).

- 1a. Fryday, A.M. (1999) *Action Plans for Lower Plants in Scotland Project. Lichens: Alectoria ochroleuca*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 28pp.
- 1b. Street, L & Street, S. (2000) *Action Plans for Lower Plants in Scotland Project. Lichens: Alectoria ochroleuca*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh - update of earlier species dossier, Fryday 1999]. 40 pp, plus maps and figs.
- 2a. Coppins, A.M. & Coppins, B.J. (2000) *Priority Lower Plants Scotland - Lichens - Arthothelium dictyosporum*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 7pp.
- 2b. Coppins, A.M. & Coppins, B.J. (2002). *Priority Lower Plants Scotland - Lichens - Arthothelium dictyosporum*; update. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh - update of earlier species dossier, 2000]. 8 pp.
- 3a. Coppins, A.M. & Coppins, B.J. (2000) *Priority Lower Plants Scotland - Lichens - Arthothelium macounii*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 7pp. (See also 2000 report on Mull hazelwoods).
- 3b. Coppins, A.M. & Coppins, B.J. (2002). *Priority Lower Plants Scotland - Lichens - Arthothelium macounii*; update. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 15 pp.
4. Fryday, A.M. (1999) *Action Plans for Lower Plants in Scotland Project - Lichens - Aspicilia melanaspis*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 10pp.
- 5a. Coppins, A.M. & Coppins, B.J. (2000) *Priority Lower Plants Scotland - Lichens - Bacidia incompta*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 15pp.
- 5b. Coppins, A.M. & Coppins, B.J. (2002). *Priority Lower Plants Scotland - Lichens - Bacidia incompta*; update. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh - update of earlier species dossier, 2000]. 16 pp
6. Coppins, A.M. & Coppins, B.J. (2000) *Priority Lower Plants Scotland - Lichens - Bellemerea alpina*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 6pp.
7. O'Dare, A.M. & Coppins, B.J. (1995) *Scottish Cryptogamic Conservation Project. Species Dossier: Bryoria furcellata*. [Report to Scottish Natural Heritage and Royal Botanic Garden Edinburgh]. 19 pp + figs & maps.
8. Coppins, A.M. & Coppins, B.J. (1998). *Action Plans for Lower Plants in Scotland Project. Lichens. Caloplaca flavorubescens*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 34 pp.

9. Coppins, A.M. & Coppins, B.J. (1998). *Action Plans for Lower Plants in Scotland Project. Lichens. Caloplaca luteoalba*. [Report for Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 34 pp.
- 10a. Fryday, A.M. & Coppins, B.J. (1999) *Scottish Cryptogamic Conservation Project. Species Dossier: Caloplaca nivalis*. [Report for Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 14pp.
- 10b. Giavarini, V.J. (2001). *Priority Lower Plants Scotland - Lichens - Caloplaca nivalis on Ben Lawers NNR*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 8 pp.
11. O'Dare, A.M. & Coppins, B.J. (1995) *Scottish Cryptogamic Conservation Project. Species Dossier: Catapyrenium psoromoides*. [Report to Scottish Natural Heritage and Royal Botanic Garden Edinburgh. 12 pp + figs & maps. (see also Milton Wood, Perthshire).
12. Coppins, A.M. & Coppins, B.J. (2000) *Priority Lower Plants Scotland - Lichens - Catillaria aphana*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 5pp.
13. Fryday, A.M. (1999) *Action Plans for Lower Plants in Scotland Project - Lichens - Catolechia wahlenbergii*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 20pp.
- 14a. Coppins, A.M. & Coppins, B.J. (1998). *Action Plans for Lower Plants in Scotland Project. Lichens. Cladonia botrytes*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 24 pp.
- 14b. Coppins, A.M. & Coppins, B.J. (2000) *Kindrogan Wood - Monitoring of Cladonia botrytes*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 7 pp. + data sheets, figs and photographs.
Monitoring of 19 pine stumps with *C. botrytes* in 1999 & 2000.
- 14c. Street, S. (1998). *Cladonia botrytes - Pilot study in Badenoch and Strathspey*. [Report to Scottish Natural Heritage]. 27 pp., incl. maps & Figs.
C. botrytes located on 16 stumps at 4 of the 17 sample sites.
- 15a. Coppins, A.M. & Coppins, B.J. (2000) *Priority Lower Plants Scotland - Lichens - Cladonia peziziformis*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 9pp.
- 15b. Coppins, A.M. & Coppins, B.J. (2002). *Priority Lower Plants Scotland - Lichens - Cladonia peziziformis*; update. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh - update of earlier species dossier, 2000]. 13 pp.
16. Fryday, A.M. (1999) *Action Plans for Lower Plants in Scotland Project - Lichens - Cladonia stricta*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 1pp. + figs. & maps. [NB: Now called *Cladonia trassii*].
- 17a. Giavarini, V.J. (2001). *Priority Lower Plant Surveys in Scotland: Collema dichotomum on the River Tweed*. [Report for Scottish Natural Heritage.]. 22 pp. + maps & Figs.
- 17b. O'Dare, A.M. & Coppins, B.J. (1995) *Scottish Cryptogamic Conservation Project. Species Dossier: Collema dichotomum*. [Report to Scottish Natural Heritage and Royal Botanic Garden Edinburgh]. 33 pp + figs & maps. (see also Craighall, Perthshire).

- 18a.** Coppins, A.M. & Coppins, B.J. (1997). *Action Plans for Lower Plants in Scotland Project. Lichens. Graphis alboscripta*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 16 pp. (See also Inverpolly, Wester Ross, & Ballachuan, Argyllshire, & update of species dossier 2000).
- 18b.** Coppins, A.M. & Coppins, B.J. (2000). *Priority Lower Plants Scotland - Lichens - Graphis alboscripta*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh - update of earlier species dossier, 1997]. 37 pp. + maps & Figs.
- 18c.** Coppins, A.M. & Coppins, B.J. (2002). *Priority Lower Plants Scotland - Lichens - Graphis alboscripta*; update [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh - update of earlier species dossiers, 1997, 2000]. 36 pp. + maps & figs.
- 19a.** O'Dare, A.M. & Coppins, B.J. (1995) *Scottish Cryptogamic Conservation Project. Species Dossier: Gyalecta ulmi*. [Report to Scottish Natural Heritage and Royal Botanic Garden Edinburgh]. 33 pp + figs & maps.
- 19b.** Coppins, A.M. & Coppins, B.J. (2000). *Scottish Cryptogamic Conservation Project. Species Dossier: Gyalecta ulmi*. [Report to Scottish Natural Heritage and Royal Botanic Garden Edinburgh]. 36 pp + figs & maps. (See also Craighall, Perthshire, Den of Airlie, Angus, and Creag Clunie & the Lion's Face, Aberdeenshire).
Update of 1995 dossier.
- 20.** Coppins, A.M. & Coppins, B.J. (2000) *Priority Lower Plants Scotland - Lichens - Gyalideopsis scotica*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 6pp.
- 21.** Coppins, A.M. & Coppins, B.J. (2000) *Priority Lower Plants Scotland - Lichens - Halecania rhypodiza*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 6pp.
- 22.** Fryday, A.M. (1999) *Action Plans for Lower Plants in Scotland Project - Lichens - Lecanora achariana*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 10pp. (See also Giavarini *et al.* (1999), Loch Maree Islands, West Ross).
- 23.** Coppins, A.M. & Coppins, B.J. (1998). *Action Plans for Lower Plants in Scotland Project. Lichens. Leptogium saturninum*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 32 pp. (See also Rassal Ashwood, Wester Ross).
- 24a.** Fryday, A.M. (1995) *Scottish Cryptogamic Conservation Project. Species Dossier: Nephroma arcticum*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 14pp + figs. & maps.
- 24b.** Fryday, A. M. (1992). *The lichen flora of a furoid-bed outcrop on Beinn Eighe (including monitoring of Nephroma arcticum colonies)*. [Report to Nature Conservancy Council for Scotland, Inverness]. 31 pp.
Nine permanent quadrats established. Total taxa recorded 110.
- 24c.** Fryday, A. M. (1998). *Resurvey of Nephroma arcticum population on Ruadh-stac Beag, Beinn Eighe NNR, West Ross*. [Report to Scottish Natural Heritage, Kinlochewe]. 28 pp.
- 25a.** Coppins, A.M. & Coppins, B.J. (2000) *Priority Lower Plants Scotland - Lichens - Opegrapha fumosa*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 4pp.

- 25b.** Coppins, A.M. & Coppins, B.J. (2002). *Priority Lower Plants Scotland - Lichens - Opegrapha fumosa*; update. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh - update of earlier species dossier, 2000]. 7 pp.
- 26.** Coppins, A.M. & Coppins, B.J. (2000) *Priority Lower Plants Scotland - Lichens - Opegrapha paraxanthodes*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 6pp.
- 27.** O'Dare, A.M. & Coppins, B.J. (1995) *Scottish Cryptogamic Conservation Project. Species Dossier: Pannaria ignobilis*. [Report to Scottish Natural Heritage and Royal Botanic Garden Edinburgh]. 56 pp + figs & maps.
- 28a.** O'Dare, A.M. & Coppins, B.J. (1995) *Scottish Cryptogamic Conservation Project. Species Dossier: Parmentaria chilensis*. [Report to Scottish Natural Heritage and Royal Botanic Garden Edinburgh]. 6 pp + figs & maps. (See also Resipole Ravine, Westernness).
- 28b.** Coppins, A.M. & Coppins, B.J. (2000). *Scottish Cryptogamic Conservation Project. Species Dossier: Parmentaria chilensis*. [Report to Scottish Natural Heritage and Royal Botanic Garden Edinburgh.] 10 pp + figs & maps. (See also Resipole Ravine, Westernness and Mull Hazelwoods). Update of 1995 species dossier because of new site discovered on Mull.
- 29.** O'Dare, A.M. & Coppins, B.J. (1995) *Scottish Cryptogamic Conservation Project. Species Dossier: Peltigera lepidophora*. [Report to Scottish Natural Heritage and Royal Botanic Garden Edinburgh]. 8 pp + figs & maps. (See also Craighall, Perthshire).
- 30.** Fryday, A.M. (1999) *Action Plans for Lower Plants in Scotland Project - Lichens - Pertusaria bryontha*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 12pp.
- 31.** O'Dare, A.M. & Coppins, B.J. (1995) *Scottish Cryptogamic Conservation Project. Species Dossier: Pseudocyphellaria lacerata*. [Report to Scottish Natural Heritage and Royal Botanic Garden Edinburgh]. 15 pp + figs & maps. (See also Balnabraid, Argyllshire).
- 32.** Coppins, A.M. & Coppins, B.J. (1997). *Action Plans for Lower Plants in Scotland Project. Lichens. Pseudocyphellaria norvegica*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 30 pp.
- 33.** Fryday, A.M. (1999) *Action Plans for Lower Plants in Scotland Project - Lichens - Psora rubiformis*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 12pp. + figs. & maps.
- 34.** Coppins, A.M. & Coppins, B.J. (1997; updated 2000). *Action Plans for Lower Plants in Scotland Project. Lichens. Schismatomma graphidioides*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 31 pp. + maps & Figs.
- 35.** Coppins, A.M. & Coppins, B.J. (1997). *Action Plans for Lower Plants in Scotland Project. Lichens. Thelenella modesta*. [Report to Scottish Natural Heritage & Royal Botanic Garden Edinburgh]. 18 pp.
- 36.** Coppins, B. J. & Coppins, A.M. (1997). *Biodiversity Action Plans for Catapyrenium psoromoides, Cladonia botrytes, Hypogymnia intestiniformis, Peltigera lepidophora, Pertusaria bryontha and Thelenella modesta*. 12pp. [Prepared for Scottish Natural Heritage. Contract No. RASD/113D/97 CSA].