

Fielding-Druce lichen collections

The following analysis of the contents of the lichen collections housed in the Oxford University Herbarium has been undertaken by Professor Mark Seaward (University of Bradford). In all, there are eight collections

Morisonian

A basic analysis of the lichens in the collection of Robert Morison (1620-1683), first Professor of Botany at Oxford, is provided in Vines and Druce (1914; *An Account of the Morisonian Herbarium &c*, Oxford University Press, Oxford. pp. 216-221); some of the names accorded the specimens (and transcriptions of some of the label data) are in need of revision. Some specimens complement taxa described in Morison. (1699; *Plantarum Historiae Universalis Oxoniensis, Partis III*, Oxford) and a few may complement those in Ray (1696; *Synopsis Methodica Stirpium Britannicarum*, Ed.2, London).

Specimens are mounted on sheets according to numbers published in *Plantae Historiae Universalis Oxoniensis*, pp.632-635 & 641: of those named to date, about 60 taxa are represented on 76 sheets, but some sheets have mixtures. British and foreign material is represented, but very few specimens are localised or dated; only specimens from Childswell (= Chilswell, North Berkshire) bear both locality and date (i.e. 632.4 *Cladonia pyxidata* & 633.2 *C. furcata*). The following collectors have so far been determined: Buddle, A. (c.1660-1715); Doody, S. (1656-1706); Lhwyd, E. (1660-1709); Morison, R. (1620-1683); Petiver, J. (1663/4-1718); Plukenet, L. (1642-1706); Richardson, R. (1663-1741); Robinson, T. (c.1657-1748).

Some of the following collectors may also be represented in the above collection: Bobart, J., Byrch, E., Du Bois, C., Pargiter(?), Plot, R., Sherard, J., Sloane, H., Stephens, L., Stonestreet, W., Vernon, W., Wheler, G. and Willisel, T.

Dillenian

A detailed breakdown of the contents of the collection of Johann Jacob Dillenius (1684-1747) has been undertaken (see Crombie, J.M., 1880, On the lichens of Dillenius's '*Historia Muscorum*', as illustrated by his herbarium. *J. Linn. Soc., Bot.* **17**: 553-581 and Druce, G.C. & Vines, S.H., 1907, *The Dillenian Herbaria*. Oxford University Press, Oxford).

Sherardian

Although this collection is composed of only 389 mounted and packeted specimens, and many of them are poorly localised and dated, it does contain some very important early material which complements the Dillenian collection. Material supported by labels made from published entries of Ray's *Synopsis* (1724) no doubt refer to specimens critically examined by Dillenius for his revision of this work (see Clokie, H.N., 1964, *An Account of the Herbaria of the Department of Botany in the University of Oxford*. Oxford University Press, Oxford. p. 67).

To date, the following collectors have been identified: Bartram, J. (1699-1777); Bauhino, J. (1541-1613); Bobart, J. (1641-1719); Brewer, S. (1670-1743); Brown, A. (fl. 1692-1698); Brown, L. (fl. 1699-1749); Buddle, A. (c. 1660-1715); Bulkley, E. (c. 1651-1714); Catesby, M. (1679/80-1749); Celsius, O. ((1670-1756); Clayton, J. (1686-1773); Cole, T. (fl. 1720-1730); Dillenius, J.J. (1684-1747); Doody, S. (1656-1706); Green, W. (fl. 1726-1740); Jones, W. (fl. 1730); Lhwyd, E. (1660-1709); Linnaeus, C. (1707-1778); Mitchell, J. (1711-1768); Petiver, J. (c. 1658-1718); Rand, I. (?-1743); Richardson, R. (1663-1741); Sherard, W. (1659-1728); Sibthorpe, J. (1758-1796); Stonestreet, W. (?-1716); Vaillant, S. (1669-1722); Vernon, W. (fl. 1688-1711).

Material collected from the following geographical areas, occasionally dated, has been determined:

England (Berkshire, Hampshire, Herefordshire, Kent, London, Middlesex, Oxfordshire, Salop, Somerset, Suffolk, Sussex, Wiltshire, Yorkshire); Wales (Caernarvonshire, Denbigh, Merioneth, Montgomery, Radnor); Ireland.

Canary Islands; France; Greenland; India; Lapland; Peru; Switzerland(?); USA (Pennsylvania, South Carolina, Virginia).

Sibthorpeian

Two lichen collections of John Sibthorpe (1758-1796) exist, the first relating to his *Flora Oxoniensis* (1794) and the second to his Mediterranean travels, including material assembled for his *Florae Graecae Prodromus*, Vol.II (1813).

(i) 81 mounted specimens can be cross-referenced directly to the numbered entries (858-924 & 1177-1190) in *Flora Oxoniensis* (pp. 315-335, 416-419); unfortunately, 21 sheets cannot be traced and 11 specimens are missing from their packets.

(ii) 51 sheets supporting 54 packets (many containing several species) of material collected from Greece (and probably Sicily); the material is undated, but some is localised (Athos, Athens, Crete, Imbros, Limnos, Parnis, Skiatho and Zante) and probably all collected in 1795. The material is in need of identification and the relationship between the specimens and the entries in *Florae Graecae Prodromus* needs researching.

A further 133 packets have been transferred to the General Lichen Herbarium: almost all of this material appears to have been collected by Sibthorpe; some relates to the time that he took his MD at Edinburgh (1779-1780), including his travels to Ben Lomond. In a letter sent from Edinburgh in 1780 he writes: 'You would laugh to see with what Avidity I hunt out a Moss, or how anxiously I scrape a stone to get at a Lichen' (reproduced in Lack, H.W. with Mabberley, D.J., 1999, *The Flora Graeca Story*,. Oxford University Press, Oxford. p. 18). Localised material of Sibthorpe is from: Hermitage (Berkshire), Rivalston(?), Ben Lomond (Stirlingshire), Craig Chialleach (= ?Craig na Callich, Perth), Crammond Island (= Cramond Island, Firth of Forth), King's Park (Edinburgh), Pentland Hills (nr. Edinburgh), Roslin (Midlothian) and Taymouth (Perth).

In the light of these collections, Sibthorpe's contribution to lichenology is worthy of greater recognition.

Included in the Sibthorpe collection are a few lichens from Cornwall, Scotland and Wales collected by John Lightfoot (1735-1788) and other material (some foreign) may have been identified by him. The

former material, now in the General Lichen Herbarium, relates to Lightfoot's travels between 1772 and 1774; it is known that he visited Oxford to consult the Dillenian Herbarium with Sibthorp at a later date (Druce, G.C., 1897, *The Flora of Berkshire*, Oxford University Press, Oxford p. cxxxix), but this demonstrates an earlier connection between these two botanists (cf. Bowden, J.K., 1989, *John Lightfoot His Work and Travels*. Royal Botanic Gardens, Kew).

Du Bois

A collection assembled by Charles du Bois (1656-1740), mounted on 102 sheets (occasionally more than one species to a sheet), covers the period c.1697-1724. The material, some of which is localised and/or dated, was collected by the following: ?Bobart, J. (1641-1719); Brown, A. (fl. 1692-1698) Johanna Island, Comoros, Indian Ocean (1697); Buddle, A. (c. 1660-1715); Bulkley, E. (1651?-1714) Fort St George, India (1702-1703); Bengal (1704); Catesby, M. (1679/1680-1749) South Carolina, USA (1724); Doody, S. (1656-1706); Du Bois (1656-1740) Tunbridge Wells; Petiver, J. (c. 1658-1718); Plukenet, L. (1641-1796) ?Palma/Canary Islands; Stephens, L. (1654-1724/1725); Stonestreet, W. (?-1716); Vernon, W. (1667/1688-c.1715) Maryland, USA (1698).

Lipscombe

A bound volume containing 452 taxa (mounted specimens) and 209 taxa on stone (separately stored) was compiled by Bishop C. Lipscombe (1781-1843) presumably as a reference collection; it contains both British and foreign material, but very few of the specimens are localized or dated.

Exsiccati

As well as odd representatives of exsiccati in the General Lichen Herbarium, the following, wholly or partially containing lichens, are kept separately from the other collections:

Baxter, W., *Stirpes Cryptogamae Oxoniensis*, 1825, 1828, Oxford, 2 fasc. (complete)

Bohler, J., *Lichenes Britannici*, 1835-1837, Sheffield, 16 fasc. (?incomplete)

Dietrich, D.N.F., *Herbarium Florae Germanicae*, 1830-?, Jena (?incomplete)

Don, G., *Herbarium Britannicum*, 1804-1812, Edinburgh, 9 fasc. (complete)

Funck, H.C., *Cryptogamische Gewachse des Fichtelgebirg's*, Ed.I (1801-1805), 5 fasc.; Ed.II (1806-1838), 42 fasc. (?incomplete)

General

This collection contains 4026 packets and mounted specimens. The following collectors (significant nos. of specimens indicated by an asterisk) are represented:

Abbott, P.D. Australia (1949)

Ackerley, M.E. Yorkshire (1939, 1941)

Agnew (Mr.) ex herb. Baxter

Almborn, O. (1914-1992) Sweden (1937)

Alston, A.H.G. (1902-1958) Somerset (1941); Brazil (1938); Colombia (1939); Venezuela (1939)

Aston (or Acton) (Lady) Madeira n.d.

*Ayres, P.B. (1813-1863) Oxfordshire (1841-3)

Baenitz, C.G. (1837-1913) as exsicc. *Herbarium Europaeum*

*Baker, J.G. (1834-1920) Yorkshire (1852-4); Teesdale (1853)

*Balfour, I.B. (1833-1922) Sokotra (1879-80)

Barth, J. (1833-1915) Transsylvania (1877-9, as Schultz *Herbarium Normale*, nov. ser.)

Bastow, R.A. (1839-1920) Tasmania (1884, 1886)

*Baxter, W. (1787-1871) Berkshire (1820-22, 1825-6, 1829); Buckinghamshire (1820, 1823); Devon n.d.; Oxfordshire (1814-5, 1819-23, 1825-7, 1841, 1844-5)

Bedford, C.M. Cornwall (1939)

Beechey, F.W. (Capt. Sir) (1796-1856) Polar Expedition: Alaska & Kamchatka, Russia

Beever, M. (1802-1883) Scotland (1844); Ireland (1842)

Billot, C. (1796-1863) France (1852); Sahara (1856, as *Flora Galliae et Germaniae Exsiccata*)

Bornmuller, J.F.N. (1862-1948) Lebanon (1897, as *Plantae Anatoliae Orientalis*); also as *Flora Exsiccata Austro-Hungarica*

*Borrer, W. (1781-1862) Cornwall n.d.; Cumberland n.d.; Sussex n.d.

*Boswell, H. (1837-1897) Berkshire (1860, 1863, 1866); Cornwall (1885); Devon (1860, 1866); Dorset (1879); Hampshire (1863, 1881); Oxfordshire (1860-1, 1863, 1866); Sussex (1863-4, 1867); Anglesey (1868); Cardiganshire. (1886); Merioneth (1886); Montgomery (1886); Radnor (1885); Forfar (1866); Skye (1873); Guernsey (1892)

Bourgeau, E. (1813-1877) Teneriffe (1845-6, unpubl. exsicc. *Plantae Canariensis*); Canada (1859, Palliser's Brit. N. Am. Expl. Expedition)

Braun, A. (1805-1877) Switzerland n.d.

*Brenan, J.P.M. (1917-1985) Berkshire (1940-42, 1944-6, 1948); Buckinghamshire (1943-4); Devon (1942); Oxfordshire (1940, 1942-3, 1945, 1948); Somerset (1942, 1944-5)

Brown, R. (1773-1858) Scotland n.d.

*Brunton, W. (1775-1806) Yorkshire (1852); Teesdale n.d.

*Burn, A.R.G. (1887-1972) Berkshire (1938-41, 1944-5, 1948); Buckinghamshire (1940-1, 1943); Gloucestershire (1940-1); Hampshire n.d.; Hereford (1941); Oxfordshire (1938-46, 1949); Shropshire (1941); Suffolk (1935-7); Wiltshire (1938); Brecon (1938-42); Caernarvonshire (1944); Merioneth (1938, 1941-6, 1948-9, 1951, 1953); Montgomery (1943-5, 1948-9); Lanarkshire (1938)

Carey, J. (1797-1880) *Herbarium Careyanum Michigan* n.d.

Cartwright, T.B. (1856-1896) Germany (1872)

Chancellor, R.J. Italy (1952)

Chapman, E.G. Malawi (1988)

Chapman, H.M. Nigeria (1973)

Chapman, J.D. Malawi (1986, 1988); Nigeria (1973-7)

Cheyne (Capt.) (fl. 1819-1824) Parry's 1st Arctic Expedition (1819-20)

Clements, E.G.S. (1877-1899?) see under Clements, F.E.

*Clements, F.E. (1874-1945) as exsicc. *Crytogamae Formationum Coloradensium* (1901, 1904-7)

*Coultas, H. (fl. 1852-d.1877) New Hampshire (1867); New Jersey (1866); Pennsylvania (1860)

Conway, C. (1797-1860) Monmouth n.d.

Cuming, H. (1791-1865) Peru n.d.

Curnow, W. (c. 1809-1887) Cornwall (1885)

Czaplicka (Miss) (fl. 1914-d. 1921) Siberia (1914)

Dahl, E. (1916-1993) Cambridgeshire (1952); Devon (1952); Dorset (1952); Suffolk (1952); Westmorland (1952); Anglesey (1952); Argyll (1952); Inverness (1952); Skye (1952); Co. Kerry (1947); Norway (1948, 1952)

*Dalton, J. (1764-1843) Yorkshire n.d.

Davies, G. (1834-1892) Sussex (1863)

*Dixon, G. (1812-1904) Teesdale (1855); Yorkshire (1852-6)

Douglas, D. (1798-1834) Sandwich Islands (1833-4)

Drege, J.F. (1794-1881) S. Africa n.d.

Druce, G.C. (1850-1931) Japan (1908)

*Drummond, T. (1790-1835) Franklin's 2nd Land Arctic Expedition (1826) - see under Richardson, J.

Duncan, U.K. (1910-1985) Berkshire (1941); Cumbria. (1940); Oxfordshire (1945); Aberdeenshire

(1944); Angus (1940-1, 1944); Inverness (1942); Perthshire (1941); Raasay, Hebrides (1940)

Dunston, A.E.A. (1895-1976) Dorset (1943)

Durieu, M.C. (1796-1878) as *exsicc. Plantae Selectae Hispano-Lusitanicae* (1835)

Eaton, A.E. (1844-1929) Kerguelen n.d.

*Edgeworth, M.P. (1812-1881) India n.d.

Edwards, J. (fl. 1819-1825) Parry's 2nd Arctic Expedition (1821-3)

Eggerth, K. (?1861-1888) as *Baenitz Herbarium Europaeum*, and as *Flora Exsiccata Austro-Hungarica*

Feehan, J. Portugal (1996)

Fleischer, F. von (1801-1878) Austria; Germany (c. 1826)

Fortune, R. (1812-1880) [N.] China (1853)

Frey, J.F. (1845-1903) as *Flora Exsiccata Austro-Hungarica*

Funck, N. (1816-1896) (with L.J. Schlimm., fl. 1841-1852) S. America (1846)

*Gardiner, W. (1808-1852) Forfar (1843-45); Perthshire

*Gardner, G. (1812-1849) Scotland (1843); Brazil n.d.

Gotobed, R. (?-c. 1806) loc. non. cit. (1797)

Goudot, J. (fl. 1822-1845) S. America n.d.

Griffith, J.W. (1763-1834) Perthshire (1798)

Gulliver, G. (1804-1882) Oxon. n.d.

Gutch, J.W. (1809-1862) Glamorgan n.d.

*Hailstone, S. (1768-1851) Cumbria; Westmorland; Yorkshire; Caernarvonshire

Hankey, J.A. (c.1810-1882) Co. Galway (1838)

*Harriman, J. (1760-1831) Durham; Yorkshire

Hartweg, K.T. (1812-1871) S. America n.d.

Harvey, W.H. (1811-1866) Australia (1855); Chile (1856)

Haughton, J. (1836-1889) St Helena

Heldreich, T. (1822-1902) Rhodes (1845)

Hepp, J.A.P. (1797-1867) Switzerland (as Schultz *Herbarium Normale*)

Holl, F.C. (Fr.) (fl. 1815-1850) *Plantae Maderensis* (1827)

Holliday, W.H. (1834-1909) ex Mrs Milne

Hooker, J.D. (1817-1911) New Zealand (1863); also as Herb. Ind. Or. Hook. fil. et Thomson [N. India & Tibet]

Hooker, W.J. (1785-1865) Grampians (1822); Cairngorms

Hoppe, D.H. (1760-1846) Corinthia, Greece n.d.

Horrell, J.(?) (via J.G.Baker) Teesdale (1851)

Hostmann, W.R. (1794-1864) Suriname n.d.

Hubel as *Flora Exsiccata Austro-Hungarica*

Hubener, J.W.P. (1807-1847) Germany (1829)

Ibbotson, H. (1814-1886) Durham; Yorkshire (c. 1850s)

Jackson (Mrs) Clova (1840)

Jameson, W. (1796-1873) Ecuador n.d.

Jenner, E. (1803-1872) Sussex (c. 1842)

Johnston, G. (1797-1855) Berwicks n.d.

Jones, D.A. (1861-1936) Cornwall (1928); Devon (1928); Gloucestershire (1939); Merioneth (1922);

Aberdeenshire (1930); Co. Kerry (1935)

Jones, E.W. (1909-1992) Berkshire (1946)

Kastalsky, G. (fl. 1826-1830) Brazil n.d.

Kernstock, E. (1852-1900) as *Flora Exsiccata Austro-Hungarica*

Knight, H.H. (1862-1944) Gloucestershire (1923, 1929)

Knowles, M.C. (1864-1933) Co. Dublin (1932); Co. Galway (1931)

Kurr, J.G. (1798-1870) Norway (1828)

Lamb, I.M. (1911-1990) Cornwall (1939); Argyll (1940)

Laurer, J.F. (1798-1873) loc. non cit. n.d.

Larbalestier, C. du Bois (1838-1911) Channel Islands

Leighton, W.A. (1805-1889) Shropshire 1852

Leithe, E. (1828-1896) as *Flora Exsiccata Austro-Hungarica*

Lenormand, S.R. (1796-1871) France (1847, as Schultz *Herbarium Normale*)

Lightfoot, J. (1735-1788) Cornwall (1774); Scotland (1772); Wales (1773), ex herb. Sibthorp

Lillie, D. (fl. 1889-1924) Sutherland (1912)

Linden, J.J. (1817-1898) S. America (1842)

Livens, H.M. (1860-1946) Hampshire (1912, ex herb. W. Watson)

Lojka, H. (1844-1887) as *Flora Exsiccata Austro-Hungarica*

Lukis, C.R. (1781-1841) Guernsey n.d.

Lutz, B.M.J. (1894-?) Brazil (1938)

*Lyall, D. (1817-1895) Oregon Boundary Commission (1858-9); Rocky Mts. (1861); Vancouver Island, Canada (1860); Cascade Mts. (1861)

MacIver, P. Lanarkshire (1938)

Manning, S.A. (1921-1991) Norfolk (1937)

Marquand, E.D. (1848-1918) Cornwall (1885); Bayern, Germany (1888)

Mathews, A. (fl. 1825-d. 1841) Peru n.d.

Milne, J.S. (Mrs) (fl. 1860-1864) Berkshire (1860); Devon (1860); Gloucestershire (1860); Hampshire (c. 1860); Surrey (c. 1860); Montrose (1864)

Mossman, Samuel (fl. 1850s) New Zealand & Tasmania (1850)

*Mudd, W. (1830-1879) Yorkshire (1852, 1854-6)

Muller, F.A. (1799-1871) Sardinia (1827-8, some as *Unio Itineraria*)

Opiz, P.M. as Reichenbach & Schubert *Lichenes Exsiccati Collecti &c.*

Parry, W.E. (Sir) (1790-1855) see under Cheyne

*Polunin, N.V. (1909-1997) Inverness (1944); Canadian Eastern Arctic (1931, 1934, 1936); Spitzbergen (1933)

- Ralfs, J. (1807-1890) Cornwall (1885)
 Reader, H.P. (1850-1929) IOW (1907)
 *Reeves, W.W. (1819-1892) Kent; Surrey; Sussex
 *Richardson, J.(Sir) (1787-1865) Franklin's 2nd Land Arctic Expedition: New York (1825), Rocky Mts. (1826, see also T.Drummond); Kirkudbright (1823) [NB. Many specimens labelled as Kirkudbright indicate the owner's address and not the place of collection!]
 Ross, A. Berks. 1944-5
- Salwey, T. (1791-1877) Herefordshire (1825)
 Sandeman, C.A.W. (1882-1951) Peru (1945)
 Scharlemann, J. Portugal (1996)
 Schimper, G.H.W. (1804-1878) Ethiopia (1838, 1840, 1842, as *Schimperi Iter Abyssinicum*)
 Schultz, F.W. (1804-1895) as *Flora Galliae et Germaniae Exsiccata*, and as *Herbarium Normale* (1852, 1854)
 Seaward, M.R.D. Lincolnshire (1995, 1997-8); Caernarvonshire (1980); Chagos Archipelago (1996); Brazil (1997); Israel (1975); Russia (1997); Spain (1978)
 Seemann, B.C. (1825-1871) Fiji (1860)
 Segar, A. Alaska (1999)
 *Sibthorp, J. (1758-1796) Berkshire n.d.; Scotland (c. 1779-1780)
 Smith, J.E. (1759-1828) Alps n.d.
 Smith, A.L. (1854-1937) Isle of Wight (1907); Somerset (1908)
 Spruce, R. (1817-1893) Brazil (1849, unpubl. exsicc. *Lichenes Amazonici*)
 Steiner, J. (1844-1918) as *Flora Exsiccata Austro-Hungarica*
 Stephenson, W. (fl. 1814-c. 1863) New Zealand (1843-4)
 Stevens, W. (incorrectly transcribed as Stephens on some pkts!) (fl. 1838-1897) Jersey (1849, 1851); Dumfries (1849, 1851)
 Strasser, P. (1843-1927) as *Flora Exsiccata Austro-Hungarica*
 Sugden, A. Colombia (1977)
 *Swartz, O.P. (1760-1818) loc. non cit. (1805, ex herb. Brunton)
- Thomson, A.C. (fl. 1870s-d. 1900?) Cornwall (1870)
 Thomson, T. (1817-1878) as Herb.Ind.Or.Hook.fil.et Thomson [N.India & Tibet]
 Trevelyan, W.C. (1797-1879) loc. non cit. (1822)
 Turner, D. (1775-1858) Cornwall n.d.; Norfolk; Suffolk n.d.
 Tweedie, J. (1775-1852) Argentina (c.1832)
- Unwin, W.C. (1811-1887) Sussex (1852)
- van Oirschot, B. Portugal (1996)
 *Vevers, H.G. Oxford University Greenland Expedition (1936)
 Vinter, C.H.S. Cornwall 1938; Essex (1938)
- *Watson, W. (1872-1960) Cornwall (1921, 1925, 1935, 1939); Cumbria (1933); Devon (1925-6, 1928, 1932); Gloucestershire (1936); Norfolk (1934); Somerset (1907-8, 1912, 1914-6, 1921, 1923-4, 1927-35, 1937, 1942); Sussex (1932); Brecon (1927); Caernarvonshire (1919, 1924); Denbigh (1913); Merioneth (1915, 1922, 1931); Argyll (1929); Inverness (1939); Perthshire (1929); Co. Kerry (1935); Co. Mayo (1937); Switzerland (1923)
 Welwitsch, F.M.J. (1806-1872) Portugal (1850, as exsicc. *Cryptotheca Lusitana*)
 Wickbom, J.A.O. (1851-?) Norway (1870)
 Willis, W. loc. non cit. (1842)

Zetterstedt, J.E. (1828-1880) Norway (1870)