

CONTENTS

Lichens in South Lancashire

Norman Bamforth.....2

The National Biodiversity Network Gateway: a mine of information

John Lowell.....3

Activities at Bolton Museum.....5

Interesting Finds.....6

Lecturers' List.....6

Society Diary

Calendar of meetings of Affiliated Societies.....7

Books for sale.....14

NWNU web site.....14

Date of NWNU AGM.....14

Contributions for the next issue by the end of August please!

Contributions are welcomed as e-mail attachments to patricia.francis@bolton.gov.uk, or on disk, in most PC word processing formats (with a second file in rich text format *.rtf) or in typescript from contributors who do not have a PC. Illustrations should, ideally, be produced on A4 paper with a margin of at least 2.5cm all round with 'oversized' lettering (14pt normal/body text, if typed) to allow for it to be photographically reduced to A5 (approx 70% reduction) and still be readable.

LICHENS IN SOUTH LANCASHIRE

Norman Bamforth, 1 Corporation Road, Audenshaw, Manchester, M34 5LY

My brother and myself were asked about six years ago to look at the lichens of South Lancashire as part of the VC59 flora project. At the time we could identify about a dozen lichens confidently. Jonathan Guest had recently done some work in the west of the county and the limestone in the north east. So as we live in the south east corner of the county our survey has tended to be east of Wigan

The only previous survey of lichens known to us was conducted a century ago by two prominent lichenologists of the time - Wheldon and Travis. At that time they said that the area bounded by Manchester, Bolton, Rochdale, Oldham and Ashton-under-Lyne had no lichens at all. This is still reflected by the maps in Dobson, which show a complete absence of even very common ones in the vice county. That is "Real Lancashire" between the Ribble and the Mersey, where some of Dobson's dots are from records nearly 200 years old.

This suggests that lichenologists still assume it is a land of mills and muck and dare not set foot in the district. The mills and muck image went many years ago but the quantity of lichens still varies from place to place and it is obvious that some sort of pollution is causing it.

We believe that one of those pollutants is nitrogen which surprisingly causes the number of lichens to increase. There are two forms. It is found in motor vehicle exhaust and causes trees of main roads, often

only on the side facing the road, to be covered with nitrogen lovers such as *Xanthora* and *Physcia* species. The trees at Debdale Park on the busy Hyde Road (A57) which leads from Manchester to the M60 and M67 motorways, are plastered with those lichens on the road side but as you go further into the park they diminish rapidly and become virtually non-existent in about 250 metres.

The other source of nitrogen is farms and wild animals where the same lichens appear in great quantity in farmyards and on bird perching posts.

Lichens can now be found in our city centres where in Manchester *Lecanora chlarotera* is found on trees at Piccadilly railway station and *Lecanora muralis* is found in great quantity on the Metrolink station in Piccadilly Gardens. In Liverpool, lichens can be found in the gardens behind the Walker Art Gallery.

Another observation which suggests that it is not all clean air which is causing lichens to increase is *Dimerella lutea* and *D. pineti*. These are 8 and 4 respectively on the Hawksworth and Rose Zone scale (see Dobson) meaning it must be very clean and yet both are found at Mereclough, Prestwich, quite close to the council's refuse destructor.

The improvements in the flora have been noticeable during our survey and beyond. Lichens such as *Arthonia radiata*, *Lecanora chlarotera* and *Physcia aipolia* have become common. *Leptogium gelatinosum*, one of the jelly lichens, which is only visible as shiny black patches in the cracks between paving stones after rain, has been found by the canal near Great Ancoats Street in Manchester city centre and in the streets of Ashton-under-Lyne.

One interesting lichen found recently near Piethorn reservoir, Milnrow, is *Flavoparmelia soledians*. This is similar to *F. caperata* but turns yellow then red in KOH rather than remaining yellow. The distribution in Dobson shows it on the south coast, only reaching as far north as Surrey with odd patches in Anglesey and Pembroke. In the latest edition of Dobson it mentions that it has been noted in Lanarkshire.

REFERENCES

Dobson F. (2005) Lichens: An illustrated guide to the British and Irish species. (5th Edition)

Wheldon J. A. and Travis W. G. (1915) The Lichens of South Lancashire. *Journal of the Linnean Society* **43**: 87-136.

The National Biodiversity Network GATEWAY – a mine of information

**John Lowell 37 Henley Ave, Cheadle
Hulme, Cheshire, SK8 6DE**

You may be an internet-skeptic like me, but if you have any interest in the distribution of plant or animal species in Britain and Ireland you really must see this website.

Until now, if you wanted to know where a particular plant (for example) grows (or used to grow) you would need to find a national or local flora. With luck, you might find one just a few years old (e.g. the vascular plant Atlas, 2000) and you might hope that the data in it might not be more than a year or two old at publication. If your interest were in birds or butterflies you might again hope for a quick, accurate and

fairly up-to-date answer, but if it were in some obscure invertebrate you could be in for a time-consuming trawl through obscure journals. Then when you found your distribution map you would need to worry about finding subsequent supplements, addenda, error corrections, and how many of those ought to exist and don't.

The NBN site gives you instant access to data held by many organisations, including the Centre for Ecology and Hydrology, Monkswood, the prime data depository. It will show you distribution maps for your species at various resolutions (e.g. tetrads); you can look at records for a chosen range of dates; you can look at the whole country or just your local area; and you can inspect the individual records to find out who made a particular record and precisely when. Thus, for example, the site contains all the information in the dot maps of the BSBI millennium atlas, plus subsequent changes and addenda, and with a great deal more data about the dates and determiners of records.

The link to the site is <http://data.nbn.org.uk/> or you can simply enter NBN GATEWAY in your search engine. Here, as an example, are the steps you might take to learn about the distribution of the Narrow Buckler fern (*Dryopteris carthusiana* - the site lets you use either Latin or English names):

- 1 Open <http://data.nbn.org.uk/>
- 2 Click on BROWSE SPECIES under EXPLORE SPECIES to the left of the page
- 3 Click HIGHER PLANTS and then FERNS AND FERN ALLIES
- 4 Click N to see a list of ferns beginning with N and click on Narrow Buckler

5 Click GRID MAP OF THE DISTRIBUTION OF DRYOPTERIS CARTHUSIANA

6 You will see a map of the national distribution of all records of the fern (see illustration)

Use these tools to customise your map Preview of your map

Customise map: Region: GB and Ireland <input type="button" value="v"/> Vice counties: None <input type="button" value="v"/> Resolution: 10km <input type="button" value="v"/> Grid overlays: None <input type="button" value="v"/> Other overlays: None <input type="button" value="v"/> <input type="button" value="refresh report"/>	Change dates and colours: Colour schemes: Red <input type="button" value="v"/> Preset dates: Select dates... <input type="button" value="v"/> Date 1 (top): from: <input type="text" value="0"/> to: <input type="text" value="0"/> <input type="checkbox"/> Date 2 (middle): from: <input type="text" value="0"/> to: <input type="text" value="0"/> <input type="checkbox"/> Date 3 (bottom): from: <input type="text" value="0"/> to: <input type="text" value="0"/> <input type="checkbox"/> Outline: Black <input type="button" value="v"/>	<p>10km square legend <input type="checkbox"/> Present in 10km squares</p> <p>© Crown Copyright. All rights reserved NERC 100017897 2004</p> <p><input type="button" value="large map"/> <input type="button" value="printable map"/> <input type="button" value="download squares"/> <input type="button" value="Download data"/></p>
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Datasets available for *Dryopteris carthusiana* to use

7 Much detail is available. For example if you want to know about changes in distribution over time

8 click the box under PRESET DATES

9 choose VASCULAR PLANTS, then click the REFRESH REPORT button at the bottom left. The map shows that the fern has many records later than 1970, with a few earlier sites where it has not been refound. Should you wish to know about different date ranges

10 choose SELECT DATES after clicking PRESET DATES and enter the dates manually (the earlier as date 1). Note that it is always necessary to click the REFRESH REPORT button to get an updated map.

11 As a further example, let us suppose that you are particularly interested in Shropshire.

12 Click the box under VICE COUNTIES

13 Choose Shropshire. (I won't repeat myself about the REFRESH button) and the map will change, showing that the fern has been seen in nearly all Shropshire squares, later than 1987 in most of them (this last statement assumes that you have still got PRESET DATES set to VASCULAR PLANTS).

You can see a more detailed distribution-

14 Click the box under RESOLUTION and choose 2k or 1k. Note that the latter will show relatively few records, most recording having apparently been done at tetrad level.

- 15 Now click on USE THE INTERACTIVE MAP at the very top of the screen. Many displays are possible, mostly self explanatory (e.g. uncheck the 10k RESOLUTION box and the ordnance survey BACKGROUND box - don't forget refresh). The big advantage of this "interactive" view is that you can see the actual record details: let's say that we are interested in 1k resolution records.
- 16 Uncheck the 10k and 2k resolution boxes so that the map shows only 1k records.
- 17 Then click SELECT RECORDS.
- 18 Starting anywhere on the map, drag the cursor (with left mouse button down) to create a box on the screen containing one or more records. The map will change, highlighting the selected records.
- 19 Now click the QUERY RECORDS button and you will get a display of the details of all the records you

enclosed in the box - very useful if you happen to know the relative reliability of Emily the Expert and Gordon the Guesser! (return to the map either with the back button or by clicking INTERACTIVE MAP at the top of the screen).

It will be apparent that the above "tour" covers only a small fraction of what is available. Some users may want to download data to their own computer but to do that you have to "register"- I have not done so and can tell you nothing about it. Bear in mind that you can only see data which has been passed to one of the participating organisations. Many vascular plant recorders, apparently, have submitted only 10k records to CEH: Shropshire is the exception rather than the rule - more information will undoubtedly become available over time but at present you will see few records at 2k or 1k resolution.

I hope this is useful and of interest.

Thanks to Audrey Locksley for comments on a first draft.

Walk on the Wildside :

A wildlife fair at Bolton Museum & Archive Service

Saturday 17th October 2009

11.00am – 4.00pm

The museum is inviting natural history societies to have a stall at this event. It will be your group's chance to tell people what you do and perhaps recruit new members. Entrance will be free.

This event is being held as part of the museum's contribution to the international Darwin200 celebrations and will compliment the exhibition:

Simple Beginnings

The Story of Evolution.

13 June – 7 November 2009

Please contact Patricia Francis on 01204 332197 or patricia.francis@bolton.gov.uk for more information. Spaces will be limited and will be allocated on a first come first served basis.

Bolton Museum & Archive Service, Le Mans Crescent, Bolton, BL1 1 SE

Interesting Finds

Crocus nudiflorus Smith - Autumn Crocus Records for 2008

Prestwich Clough Park at Gardner Mount, Greater Manchester (SD 805035), off the tarmac path, north above the stream.

About 70 flowers observed by Ian Pringle on 25 September, amongst grass and bracken and about 12 flowers seen below the path under the trees.

Clifton Road, Greater Manchester (SD 803037), at farmland off this road.

Nearly 400 flowers observed by Ian Pringle on 25 September seen in patches in the grass.

Irwell House, Greater Manchester. Nearby here at SD 801026.

Only 3 flowers observed in the grass, also by Ian Pringle.

Wigan, by the lodge gate at Adlington Hall Farm, Greater Manchester (SD583120).

88 flowers were observed by Gerald and Diana Downing on 17 September, mainly near the west bank of the stream and about 10 flowers in the mown grass.

Rawlinson Lane, Lancashire (SD593140). Seen on a bridleway off this lane by a fence in a small plantation. 5 flowers were observed by Gerald and Diana Downing on the 23 September.

Mill Bridge Farm, Lancashire on a farm track at SD 582123.

Gerald and Diana Downing saw no flowers in 2008, having observed them on the track verges and in the field on the north side in 2007.

Lecturers' List

At the last committee meeting it was decided to embark on a new Lecturers' List. This popular publication is regularly produced by the Union and has proved to be invaluable in assisting Affiliated Societies in their search for speakers. It is also available for purchase by others.

Steve Halliwell, the Northwestern Naturalists' Union Affiliated Society Representative, has kindly volunteered to coordinate this task.

Will all speakers please respond with titles of talks; the distances that they are prepared to travel and any charges etc to :

Stephen R. Halliwell, 3 Baillie Street, Williams Lane, Fulwood Park,
PRESTON PR2 9LT

stephenhalliwell@supanet.com

Please feel free to pass this message on to others who may be interested in being added to the Lecturers' List.

SOCIETY DIARY

Please note that members of the North Western Naturalists' Union are welcome to attend meetings of all affiliated societies.

ALTRINCHAM AND DISTRICT NATURAL HISTORY SOCIETY

Except where otherwise stated, all indoor meetings will be held at Bowdon Parish Centre, Stamford Road, Bowdon and will be timed approximately as follows: 7.30, informal gathering, 7.45pm lecture, 9.15pm tea and chat.

All excursions leave from the public car park, Cecil Road, Hale (behind supermarket) at the times indicated. If you intend to join the excursion please give **three days notice** to the leader. Food and drink for the day and suitable footwear is advisable.

Please note that dogs are not allowed on reserves.

Saturday 27 June: Loggerheads, Clwyd

NB 9.30 a.m. start. A full day excursion for limestone plants. Contact 0161 980 8645

Saturday 18 July: Venue to be announced

A full day excursion

Tuesday 22 September: The Art of Bird Misidentification

An illustrated lecture by Tim Melling

Tuesday 13 October: A Lens for all Seasons

An illustrated lecture by John Langley

Tuesday 27 October: Ngorongoro - Wildlife of a Crater

An illustrated lecture by Mike Hems

Tuesday 10 November: Moore Nature Reserve

An illustrated lecture by Mike Roberts

Tuesday 24 November: Snowy Owl - King of the Arctic

A film with Gordon Yates

Tuesday 8 December: Northumbria - England's Border Country

An illustrated lecture by Gillian Pierce

Saturday 12 December: Annual Christmas Walk and Pub Lunch

Details from the Committee

Tuesday 12 January 2010: Dunham and its People

An illustrated lecture by Mike Gitsham

Tuesday 26 January: Britain's Spectacular Marine Life

An illustrated lecture by Ian Russell

Tuesday 9 February: Puddings Pomanders and Polish

Something very different, with Barbara Foster

Tuesday 9 March: Altrincham - 300 Million Years Ago

An illustrated lecture by Fred Broadhurst

Tuesday 23 March: Annual General Meeting

With a short slide show to conclude the evening. Natural History Exhibits are welcome. A supplementary spring/summer programme will be available at this meeting.

Tuesday 13 April: Siberian Summer

An illustrated lecture by Tim Woolfall

Tuesday 27 April: The Canary Islands and other Atlantic Isles

An illustrated lecture by Mike Pettipher

Saturday 12 June: Silverdale, Lancashire

A full day excursion looking for plants of the carboniferous limestone.

Tuesday 28 September: The first indoor meeting

DERBYSHIRE AND NOTTINGHAMSHIRE ENTOMOLOGICAL SOCIETY

Saturday 13 June : Moth Watch and Glow Worm Walk Stanley, Derbyshire

10:00pm until late. Meet at 10pm St Andrews School Conservation Area, off Station Road, Stanley. Grid ref SK 419403. Leader Dave Budworth Tel 01283 215188

Sunday 21 June : Newark Entomological Show

Grove Leisure centre, London Road, Balderton, Nr Newark, Nottingham. Doors open from 12pm - 4pm.

Sunday 28 June : Derbyshire & Nottinghamshire Entomological Society Summer Exhibition

11:00am - 16:00pm at the Visitor Centre, Shipley Country Park, Derbyshire.

Saturday 4 July : RES Insect Festival 2009, York Museum Gardens

This new event will take place at the York Museum Gardens and will feature traders, exhibitors, local natural history societies and a number of public lectures, all open to the general public. Further details will follow.

Friday 10 July : Moth Watch West Park Meadows, Spondon

9.00 pm until late Family bat and moth watch at West Park Meadows, Spondon. Meet on the footpath off West Road, Spondon, at the five bar gate just beyond the radio communications mast, Grid Ref SK394363. Society members should contact Neil Ward Tel 01332 766466

Friday 24 July : Night World Wildlife & Star Watch Event

Rosliston Forestry Centre, Burton Road, Rosliston, Swadlincote, Derbyshire DE12 8JX. Starts at 7:30 pm. The Society will be running moth traps at this event.

Sunday 23 August : Carvers Rocks Plant Gall Field Meeting

Meeting in conjunction with British Plant Gall Society. Details to follow.

Friday 18 and Saturday 19 September 2009 National Moth Night

A number of events are likely to take place across Derbyshire and Nottinghamshire. Details yet to be finalised.

Saturday 17 October : AES Annual Exhibition

11:00am - 16:30pm Kempton Park Race Course, London. A number of society members will be attending this event and it may be possible to share transport. Please register your interest with Neil Ward Tel 01332 766466

Saturday 7 November : Derbyshire & Nottinghamshire Entomological Society Annual Insect Show

10:30am - 16:00 pm at Broomfield Hall, Morley on the A608 between Derby and Heanor.

Sunday 6 December : Newark Entomological Show

At the Grove Leisure centre, London Road, Balderton, Nr Newark, Nottingham. Doors open from 12.00pm – 4.00pm.

LIVERPOOL BOTANICAL SOCIETY

Indoor meetings are held in the Clore Natural History Centre, World Museum, Liverpool, starting at 11.00am.

Saturday 13th June: Tansley and Cressbrook Dales

Leader – John Somerville (07709 795382) Meet at Litton, 10.30, park by school and pub at SK 164 751

Saturday 27th June: Malham

Leader - David Bryant (Tel: 0151 523 5240) SCoach 8.00 Bromborough, 8.15 Woodside (Canning Street), 8.30 William Brown Street and 8.45 Rocket (start of M62).

Tickets £20. **Please book in advance : Dave Hardy on 07722 1 27974**

Saturday 11 July: Moore Nature Reserve, Cheshire

Leader – John Somerville (07709 795382) Take Moore Lane from Moore, cross Manchester Ship Canal on swing bridge, turn right at cross-roads and park [SJ 577 954] for 10.30. Or 09.16 from Liverpool Lime Street to Warrington Bank Quay, please phone (07719 041351) to arrange lift from station to car park.

Saturday 25 July: Wigan Flashes

Leader – John Clegg Meet 9.45 at Lime Street station or 11.00 Wigan Pier.

Saturday 8 August: Birkdale Green Beach

Leaders – Pat Lockwood & George Russell (Tel:07923 581059)

09.23 from Liverpool Central, meet at Birkdale Station 10.00. [SD 330 157] (parking very limited).

Saturday 5 September: Ness Gardens - tree trail

Leader – Maria Knowles (Tel: 01744 23322)

Ness car park, 10.30.

Entrance fee. [SJ 306 755]

Saturday 26 September: Ormskirk and Lathom

Leader – Peter Gateley (Tel: 07719 041351) 09.26 from Liverpool Central to Ormskirk, start from station at 10.00. [SD 417 084]

Saturday 17 October: Caergwrle

Leader – Pat Lockwood & Peter Gateley (Tel: 07719 041351) 09.10 West Kirby service from Liverpool Central, change at Bidston for the 9.32 Wrexham train, arriving at Caergwrle at 10.16. [SJ 308 574]

Saturday 14 November : Holiday Exhibits, Slides, Photos, Specimens etc.

Members are urged to bring along specimens of interest. Botanical accounts and photos are welcomed from near & far

Saturday 12 December : British Arctic-Alpine Plants

A look at their current sites and habitats: Peter Gateley

Saturday 9 January 2010: Following in the Footsteps of the Asian Plant Hunters

A slide presentation of botanical trips into China and neighbouring countries:

Joan Vincent

Saturday 13 February : Annual General Meeting.

Followed by a resume of the 2009 field meetings, slides, photos, exhibits etc.

Saturday 13 March : Fascinating Insects.

Some of the amazing life-cycles of local plant-eating invertebrates:

Peter Gateley

MANCHESTER FIELD CLUB

Saturday 13 June : Werneth Low

Meet 11.00am at Lower Higham Visitor Centre, Higham Lane, Gee Cross, Hyde. Leaders Alan and Norman Bamforth (336 3914).

Saturday 27 June : Slaidburn

Meet 11.30 in Pay and Display car park (SD 714524). Leaders Roger and Christine Walsh (740 7670).

Saturday 4 or 11 July : Possible additional outing TBA

Saturday 18 July: Lathkill Dale, Derbyshire

Meet 10.30am at small car park, or along the road, on Monyash to Over Haddon Road, just outside Monyash (SK 157644). Map and further details from walk leader John Somerville (973 8610, mobile 07709 795 382).

Saturday 1 August : Great Wood, Broadbottom

Meet 11.00am at Lyme field Visitor Centre, off Mottram to Charlesworth Road, 200yds after passing under the railway; but park cars at Lyme field Mill, a few yards beyond (follow signs). Leader Norman Bamforth (336 3914).

Saturday 8 August : Bolton and Bury Canal

Meet 11.00am at Radcliffe Metro station (SD 788073). Leader John Lowell (485 6892).

Saturday 22 August: Mersey Vale

Meet 11.00am in car park at Burnage Rugby Club, at end of Battersea Road (off Didsbury Road, Station Road, then Vale Road), Heaton Mersey (SD 863902). Leader Dave Bishop (881 6276).

Saturday 5 September : Alderley Edge, Gall Gala

Meet 11.00am in the National Trust Car Park on the B5087 (SJ 860722). Leader Norman Bamforth (336 3914).

Saturday 26 September : Hollinshead Revisited

Meet 11.00am at car park/picnic area three quarters of a mile on the left down Tockholes Road, off A675 from Bolton (first turning one mile after Belmont Reservoir). Note, this is not the car park at the pub. Leaders Tom and Barbara Waghorn (766 7304).

Saturday 17 October : Delamere Forest

Meet 11.00am at Linmere Car Park (Visitor Centre, SJ 508754)). Turn off B5152 near Delamere station to Visitor Centre car park. Leaders Maurice Lees and Margaret McCormick (941 2728).

NORTHWESTERN NATURALISTS' UNION - BRYOPHYTE AND LICHENS SECTION

All meetings on Saturdays, starting at 10.30 am (except 10 May and 13 Sept., 11.00 am). Bring food and clothing adequate for a full day in rough country and bad weather. Please check with section secretary (John Lowell - 0161 485 6892) a day or so before the meeting, in case of cancellation or changes. "Beginners" are welcome any ANY meeting, but especially so at those marked * , which will cater particularly for them.

Saturday 6 June: Lathkill Dale

Meet at Car Park, SK 203 665. Leader Martha Newton

†Saturday 18 July: Little Budworth Country Park

Meet at car park, SJ 591 654. Leader Len Johnson

Saturday 15 August: White Coppice

Meet at N end of Anglezarke Reservoir, SD 616 179. Leader John Lowell

Saturday 19 September: Bretton Clough

Meet on roadside at SK 199 800. Leader Joan Egan.

***Saturday 17 October: Watergrove Reservoir**

Meet SD 912 176. Leader Martha Newton

Saturday 21 November: Castleshaw

Meet SD 997 092. Leaders Alan & Norman Bamforth

Saturday 19 December: Wayoh

Meet in western of two car parks at Turton & Entwistle Reservoir, SD 721 173. Leader John Lowell

NELSON NATURALIST SOCIETY

All meetings are held at Christ Church, Carr Road, Nelson and start at 7.30pm

Wednesday 7 October : The Limestone Flora of France

Gerry Stephen

Wednesday 21 October : Walls of Wildlife

Ken Green

Wednesday 4 November : Large Fungi

Martin Ashworth

Wednesday 18 November : British Butterflies

Tim Melling

Wednesday 2 December : From Mitilini to Anatalya, my Quest for the Balkan 10

Mike Mckavett

Wednesday 16 December : Gotland footsteps

David Nelson

ROCHDALE FIELD NATURALISTS' SOCIETY

www.rochdalefieldnaturalistsociety.co.uk

Indoor Meetings are held on the second Thursday of the month, September to April, at Cutgate Baptist Church, Edenfield Road, Rochdale. Charges: Members £1.00, Non-members £2.00. Enquiries: 01706 630707 and 814844

Field Excursions : All Excursions depart from the cul-de-sac at Manchester Road, Rochdale. Time: Coaches 0900hrs, Cars 1000hrs. Coaches return at 1700hrs except during the months of November, December, January and February when return is at 1600hrs Queries: Field excursions – contact Barbara Waddington on 01706 658260 / Coach bookings – contact Fred Royle on 01706 644394 Coach Price: Members £12, Non-members £14.

Saturday 13 June : Roudsea Reserve, Cumbria - Coach Trip

S. Carr & B. Newing.

Saturday 27 June : Hawkshaw, Bury - Car Trip

M. Gartside & B. Tweedale.

Saturday 11 July : Warton Crag, Lancs. - Coach Trip

P. Stevens.

Saturday 25 July : Grassington/Hebden, Yorks.- Car Trip (NOTE: 9.00 a.m.start)

F. Royle.

Saturday 8 August : Ainsdale, Lancs. - Coach Trip

P. & B. Waddington

Saturday 22 August : Rakewood, Hollingworth Lake - Car Trip

M. Colley

Saturday 12 September : Dane Valley, Staffs/Cheshire - Coach Trip

E. & D. Clutterbuck

Saturday 26 September : Ogden, Newhey – Car Trip

J. Taylor

Saturday 10 October : Delamere Forest, Cheshire – Coach Trip

P. Maddock

Saturday 24 October : Luddenden Valley – Car Trip

E. & D. Clutterbuck

ACCRINGTON NATURALISTS' AND ANTIQUARIANS' SOCIETY

Meetings start at 2.30 pm at Antley Methodists' Church Hall, Blackburn Road, Accrington. Non-members welcome - £1.00 minimum lecture fee.

CHEADLE HULME & BRAMHALL NATURAL HISTORY SOCIETY

Indoor meetings are held in St. Michael's Church Hall, St. Michael's Avenue, Bramhall, Stockport at 7.30pm unless otherwise indicated

LANCASHIRE & CHESHIRE ENTOMOLOGICAL SOCIETY

Indoor meetings are at 7.30pm, unless indicated and are at Frodsham Community Centre, Fluin Lane, Frodsham

MANCHESTER MICROSCOPICAL AND NATURAL HISTORY SOCIETY

All meetings (except November) are held in the Stopford Building (Medical School) University of Manchester M13 9PT, corner of Oxford Road and Aker Street (next to the Holy Name Church), Manchester, from 7 p.m. to 9 p.m. **All are welcome** – feel free to bring a friend or two. Non-members and members of other Societies are welcome. The Society's library will be available at all Stopford meetings and includes copies of our Newsletters and literature on microscopic history, as well as many books on microscopy and Natural History.

See also our Internet site at <http://www.manchestermicroscopical.org.uk>

PRESTON BIRD WATCHING AND NATURAL HISTORY SOCIETY

Meetings at St. Mary's Church Hall, Cop Lane, Penwortham. Further details from Steve Halliwell 01772 705468, www.prestonsociety.co.uk

SADDLEWORTH NATURALISTS

All events listed are indoor meetings held at 7.30pm at the Brownhill Visitors' Centre at Dobcross.

For Sale

Copies of books of the late Owen McCann, all in good condition.

British Mosses and Liverworts E.V. Watson 2nd Edition 1968

- very useful for beginners

The Moss Flora of Britain & Ireland A.J.E. Smith 1st Edition 1976

Students Handbook of Hepatics S.M. MacVicar 2nd Edition 1926

- still very useful for liverworts

Donations for these publications are to be made to the NWNNU (Guide price £20.00 each).

Postage costs will be extra or alternatively collect in person in the Manchester area.

For further details contact Patricia Francis at Bolton Museum 01204 332197.

patricia.francis@bolton.gov.uk

The NWNNU is 80 this year!

The first meeting was held on 23rd February 1929 at Manchester University.

The North Western Naturalists' Union Web Site

The NWNNU now has its own web site at www.northwesternnaturalistsunion.org.uk

Amongst other material, it includes a listing of links to affiliated societies' sites. If your society has a site, it would be appreciated if you would check that the link on the site is up to date and also arrange for a link to the NWNNU site to be put on to your society's web site.

If your society does not have a web site, please let Mike Walton (mike.a.walton@gmail.com 01606 832 613) have details of ways in which the NWNNU site can be used to promote your society.

**NWNNU AGM
Saturday 6 March 2010**

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