

## Lichens recorded at Gearchoille, Ardgay, E. Sutherland, (but VC 106, East Ross)

Anthony Fletcher and Ian M. Evans, 30<sup>th</sup> April 2003, 1010-1540 hrs.

Note: since parts of this site lie in four separate 10 km. grid squares there is an element of repetition in the records made. All grid references relate to the 100 km. square NH(28). GPS not reading accurately at locations 11 and 12 so grid references estimated.

The site has a mixture of lichens typical of damp, 'oceanic' woodland such as *Lobaria*, *Sticta*, *Nephroma*, *Pannaria*, together with species of Eastern, 'dry' woodlands, chiefly in crevices. These included Caliciales such as *Calicium*, *Chaenotheca*, etc. Trees were not particularly ancient but *Arthonia vinosa* may indicate ancient woodland relics. Fertile specimens, particularly of *Sticta limbata*, and probably *Lobaria scrobiculata* and *Usnea subfloridana*, may also indicate ancient-ness.

The site would probably repay a further visit concentrating on the Aspens. A number of specimens remain to be identified.

### The recording sites

- 1a. Inside northern boundary of wood 599900. On downy birch (*Betula pubescens*) 59999006
- 1a1 On oak 59939004
- 1a2 On another oak (20m to west)
- 1b. On oaks boundary of wood 59879007
2. On oaks along field boundary west of wood 59889008 (one 1m.+ diam. but lichen flora disappointing)
3. In vicinity of Alltan na Beiste just inside wood at 59868997.
3. On fencepost
3. On oak at 59898992
3. On downy birch
- 3 Birch On downy birch
- 3 Oak 3 On oak at 59938985
3. On fallen scots pine: 3 dead Pine
3. dead Pine [nearby: scat of pine marten ?]
3. Oak 4 On mossy base of oak at 59938985
3. Juniper
3. Oak 2
3. Oak 3
3. On rowan at 59938985
4. On oak at 59938983
4. On aspen at 59938983
4. Aspen [possible badger sett in vicinity 59938983].
5. On aspen at 59978982
5. On 60 cm. diam oak at 59978982 (noteworthy!)
6. On scots pine at 59978975 (below hazel slope)
7. On hazel at 59958975
7. On oak nearby
7. Hazel 2 On hazel at 59958970
7. Oak 2 On oak at 59998969

8. In open 'oakwood' at 60018968.
  8. Hazel 3
  8. On oaks:
  8. [Conservation recommendation: thin hazels removing dead/dying and young shoots retain old ones].
  9. Scots pine 'grove' at 60078976
  10. Oak at 60138982
  10. Aspen (20+cm. diam.) at 60158986
  10. Oak at 60158982:
  11. Oak by NT sign at 602899 approx.
  11. Oak 2 oak nearby 602899 approx.
  12. Oak by old quarry 602899 approx.
  12. Oak by old quarry opposite depot 602899 approx.
  13. In vicinity of house 'Tigh an Daraich' 60119002 on aspen
  14. On dead oak north of stile at 60059009 outside wood
- [Power line at 59938988]  
 [Power line at 60138982].

\* = laboratory identification/confirmation

Species	Substratum	Note
<i>Acrocordia conoidea</i>	1a Oak 1	
<i>Agonimia octospora</i>	7 Hazel	
<i>Andricus kollari</i> – oak marble galls	2 Oak	
<i>Arthonia cinnabarina</i>	7 Hazel 1,2	
<i>Arthonia punctiformis</i>	5 Aspen	
<i>Arthonia radiata</i>	1a Birch, 1a Oak 1, 3 Oak, 3 dead Pine, 7 Hazel, 8 Hazel 3, 3 Rowan, 7 Hazel 2	
<i>Arthonia sp.*</i>	7 Hazel 2	
<i>Arthonia vinosa</i>	5 Oak, 11 Oak	Old woodland species
<i>Arthopyrenia punctiformis</i>	7 Hazel	
<i>Arthopyrenia rhyponata</i>	7 Hazel, 7 Oak	scarce
<i>Bacidia naegelii</i>	1a Oak 1	
<i>Bacidia sp.*</i>	7 Hazel	
<i>Bryoria fuscescens</i>	1a Birch, 1a Oak 2, 3 Oak, 3 Oak 3, 12 Oak, 12 Oak 2	
<i>Buellia disciformis</i>	5 Oak	
<i>Buellia punctata</i>	1a Birch, 7 Hazel 2	
<i>Buellia schaeereri</i>	3 dead Pine, 5 Oak, 6 Pine, 9 Pine,	
<i>Buellia sp.*</i>	2 Oak	
<i>Buellia sp.*</i>	5 Aspen	
Caliciales *	1b Oak	
<i>Calicium abietinum</i> *	14 dead Oak	
<i>Calicium glaucellum</i>	12 Oak, 13 Oak stump	
<i>Calicium salicinum</i>	8 Oak, 12 Oak, 12 Oak	
<i>Calicium viride</i>	1a Birch, 1a Oak 2, 1b Oak, 4 Oak, 5 Oak, 7 Pine, 8 Oak, 8 Oak, 11 Oak, 12 Oak 2	
<i>Cetraria chlorophylla</i>	1a Birch	
<i>Chaenotheca brunneola</i> on oak	12 Oak 2	

stump.		
Chaenotheca sp.	6 Pine	
Chaenotheca trichialis	6 Pine	
Chaenothecopsis sp. (on bare branch)*	9 Pine	
Chrysothrix candelaris	1a Oak 1, 1b Oak, 4 Oak, 5 Aspen, 5 Oak, 8 Oak, 11 Oak, 12 Oak	
Cladonia anomaea	3 Rowan	
Cladonia coniocraea	3 dead Pine, 3 Rowan, 5 Oak	
Cladonia crispata	3 Rowan	
Cladonia fimbriata	1a Oak 2, 3 Juniper, 3 Rowan	
Cladonia furcata	3 Oak 4	
Cladonia macilenta	3 Rowan	
Cladonia polydactyla (on root plate)	3 dead Pine, 3 Oak 4,	
Cladonia portentosa	3 Oak 4	
Cladonia pyxidata	3 Rowan, 11 Oak	
Cladonia subulata	3 Oak 3, 3 Oak 4, 3 Oak 4	
Cliostomum griffithii	1a Oak 1, 1b Oak, 3 Oak, 3 dead Pine, 3 Juniper, 4 Aspen, 7 Hazel 2, 7 Pine 8 Oak	
Evernea prunastri	8 Oak, 3 Juniper, 1a Birch, 3 fence, 3 dead Pine, 7 Hazel, 7 Hazel, 12 Oak	
Exidia glandulosa [fungus]	1a Birch	
Exidia repanda [fungus, det. J.P.Blunt]	1a Birch	
Graphis elegans	7 Hazel 2	
Graphis scripta	7 Hazel, 7 Hazel, 7 Hazel 2, 8 Oak, 8 Hazel 3	
Hypogymnia physodes	1a Birch, 1a Oak 2, 3 fence, 3 Juniper, 12 Oak, 3 dead Pine	
Hypogymnia tubulosa	1a Birch, 3 Birch	
Indet.	6 Pine	
Indet.	7 Pine	
Indet. orange soralia *	4 Aspen	
Lecanactis abietina	8 Oak, 12 Oak 2, 5 Oak	
Lecanora carpinea	1a Oak 2	
Lecanora chlarotera	1a Birch, 1a Oak 2, 3 Oak, 3 dead Pine, 3 Rowan, 4 Aspen, 5 Aspen, 7 Hazel, 7 Hazel 2, 8 Oak, 10 Oak, 12 Oak 2, 1a Oak 1	
Lecanora confusa	3 Oak	
Lecanora expallens	1a Birch, 1a Oak 1, 3 fence, 3 dead Pine, 4 Oak, 4 Aspen, 5 Oak, 8 Oak, 8 Oak, 9 Pine,	
Lecanora sp.	3 Rowan	
Lecanora sp.*	4 Aspen	
Lecidella elaeochroma	3 Rowan, 7 Hazel, 7 Hazel, 10 Oak	
Lepraria incana	1a Oak 1, 3 Oak, 3 dead Pine, 8 Oak, 10 Oak	
Lichenocodium lecanorae	3 dead Pine	On Lecanora chlarotera

<i>Lobaria pulmonaria</i>	10 Aspen, 11 Oak 2, 13 Aspen	
<i>Lobaria scrobiculata</i>	1a Oak 1, 1b Oak, 3 Oak 2, 10 Aspen, 11oak	
<i>Lobaria scrobiculata fertile</i>	13 Aspen	Rare fertile
<i>Luzula pilosa</i> by burn [vascular plant]	10 Oak 2	
<i>Megalaria grossa</i>	3 Oak, 4 Aspen, 4 Aspen, 7 Hazel, 7 Hazel 2, 8 Oak, 12 Oak, 13 Aspen	
<i>Micarea prasina</i>	2 Oak, 2 Oak	
<i>Micarea</i> sp.	8 Oak	
<i>Micarea</i> sp. (on moss)*	4 Aspen	
<i>Micarea</i> sp.*	7 Hazel 2	
<i>Mycoporum quercus</i> (on twigs).	7 Oak, 12 Oak 2	
<i>Nephroma laevigata</i>	11 Oak	
<i>Nephroma laevigata fertile</i>	10 Aspen	
<i>Nephroma parile</i>	10 Aspen, 11 Oak, 13 Aspen	
<i>Ochrolechia androgyna</i>	1a Oak 2, 3 dead Pine, 3 Oak 3, 3 Rowan, 5 Oak, 7 Oak 2, 11 Oak, 8 Oak	
<i>Ochrolechia subviridis</i>	3 Oak 3	
<i>Ochrolechia subviridis</i> ? (tree by gate)	1b Oak	
<i>Ochrolechia tartarea</i>	7 Hazel 2	
<i>Opegrapha atra</i>	7 Oak, 8 Oak, 8 Hazel 3	
<i>Opegrapha herbarum</i>	7 Hazel, 7 Hazel 2, 8 Oak, 8 Oak, 8 Oak	
<i>Pannaria conoplea</i>	4 Aspen	
<i>Pannaria rubiginosa</i>	10 Aspen, 13 Aspen	
<i>Parmelia saxatilis</i>	3 Oak 3, 4 Aspen, 5 Oak, 10 Oak	
<i>Parmelia subaurifera</i>	1a Birch, 3 Oak, 3 dead Pine, 4 Aspen, 4 Aspen, 10 Oak, 12 Oak 2	
<i>Parmelia sulcata</i>	1a Birch, 1a Oak 2, 3 Oak, 3 Juniper, 7 Oak 2, 12 Oak, 3 Birch 2, 7 Hazel	
<i>Parmelia ulophyllodes</i>	1a Birch, 2 Oak	
<i>Peltigera lactuciflora</i>	3 Juniper	
<i>Pertusaria amara</i>	1a Oak 1, 3 Birch, 3 Oak 3, 4 Oak, 5 Oak, 7 Oak 2, 8 Oak, 10 Oak, 12 Oak	
<i>Pertusaria coccodes</i>	1a Birch, 7 Oak 2	
<i>Pertusaria flavida</i>	10 Oak	
<i>Pertusaria hemisphaerica</i> .	10 Aspen	
<i>Pertusaria leioplaca</i>	1a Oak 1, 1b Oak, 7 Hazel, 7 Hazel, 10 Oak	
<i>Pertusaria pertusa</i>	1a Birch, 1a Oak 2, 1b Oak, 4 Aspen, 10 Aspen	
<i>Phlyctis argena</i>	1a Birch, 1a Oak 1, 1b Oak, 2 Oak, 3 Oak, 8 Oak, 11 Oak 2, 12 Oak	
<i>Physconia distorta</i>	2 Oak	
<i>Platismatia glauca</i>	1a Birch, 1a Oak 2, 3 Birch, 12 Oak	
<i>Pyrenula nitida</i>	7 Oak, 1a Oak 1	
<i>Pyrrospora quercea</i>	7 Oak 2	

Ramal;ina farinacea	7 Oak 2, 1a Oak 2, 2 Oak, 7 Hazel, 10 Oak, 7 Hazel	
Ramalina fraxinea	1a Birch, 2 Oak	
Ramalina subfarinacea	3 Oak 3, 8 Oak	
Solorina saccata	12 Oak on soil below	
Sphaerophorus globosus (tree near fence).	8 Oak	
Stereum hirsutum [fungus]	10 Oak	
Sticta limbata	1a Oak 1	
Sticta limbata fertile	12 Oak	Very rare fertile
Trapeliopsis granulosa	3 fence	
Trapeliopsis pseudogranulosa	3 Birch 2	
Tremella mesenterica [fungus, det. J.P.Blunt]	10 Oak 2	
Trientalis europaea [Vascular plant]	1a area	
Usnea filipendula	3 dead Pine	
Usnea florida c.fr.	3 Oak 3, 11 Oak	
Usnea subfloridana	1a Birch, 1a Birch, 3 Birch, 3 Oak, 3 dead Pine, 7 Hazel, 10 Oak, 12 Oak, 3 Rowan	Many fertile
Usnea wasmuthii	1a Birch	
Witches broom [ <i>Melampsorella</i> fungus gall]	1a Birch	
Xanthoria parietina	2 Oak	

