

CRYPTOGAMIC SOCIETY

OF

SCOTLAND.



THIRTY-FIRST

ANNUAL CONFERENCE.

PITLOCHRY.

1906.

EDINBURGH:

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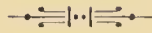
THE THIRTY-FIRST ANNUAL CONFERENCE of the SOCIETY was held at Pitloehry on the 25th September 1906 and two following days. The place of meeting was Robertson's Pitloehry Hydropathic. Fifteen members were present, and fungi were found to be fairly abundant. On the first day an excursion was made to Bonskeid, on the second to Lude and part of Glen Tilt, and on the third to Faskally. The Society recorded an expression of their gratitude to the Proprietors of these Estates for leave granted to visit them. Favourable weather and the beauty of the scenery added greatly to the pleasure of the meeting.

The Business Meeting of the Society was held on the evening of the 26th. The Conference for 1907 was appointed to be held at Inveraray on a suitable date to be fixed by the Secretary. No appointment of President was made in the meantime. Mr. R. B. Johnstone was appointed Vice-President, the Hon. Secretary and Hon. Treasurer were re-elected, and the following were chosen as Councillors:—Colonel Harington-Stuart of Torrance, Dr. A. W. Borthwick, Dr. Wm. Watson, Miss M. L. Miles, Messrs. D. A. Boyd, J. R. Macgregor and J. A. Remison.

In the following Lists of Fungi the Hymenomycetes are reported by Mr. R. B. Johnstone, and include a few species found by himself on Kinnoull Hill, and by Mr. Carleton Rea at Killin,

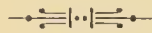
previous to the meeting. The remaining fungi are reported by Mr. D. A. Boyd, and his list incorporates twenty-four species of Mycetozoa reported by Mr. W. B. Allen, and further authenticated, in the case of all but the commonest species, by Mr. Arthur Lister, F.L.S. The Mosses are reported by Mr. John R. Lee. Localities are indicated by the numerals placed after the species.

LIST OF FUNGI I.



LOCALITIES.

1. KILLIN. 2. KINNOULL HILL. 3. PITLOCHRY. 4. BONSKELD.
5. LUDE AND GLEN TILT. 6. FASKALLY.

**Amanita**—

- | | | | |
|------------------|---------|------------------|---------|
| phalloides, Fr. | 5 | rubescens, Pers. | 4, 5, 6 |
| muscaria, Linn. | 4, 5, 6 | spissa, Fr. | 4 |
| pantherina, D.C. | 6 | vaginata, Bull. | 5, 6 |

Lepiota—

- | | | | |
|-------------------|------|--------------------|------|
| procera, Scop. | 3 | granulosa, Batsch. | 5, 6 |
| cristata, A. & S. | 4, 5 | amianthina, Scop. | 4 |
| carcharias, Pers. | 5 | | |

Armillaria—

- mellea, Fl. D. 4, 5

Tricholoma—

- | | | | |
|----------------------|------|---------------------|------|
| equestre, Linn. | 4 | terreum, Schæff. | 5 |
| portentosum, Fr. | 4, 6 | argyraceum, Bull. | 4 |
| resplendens, Fr. | 4, 5 | saponaceum, Fr. | 4 |
| flavo-brunneum, Fr. | 5 | virgatum, Fr. | 4, 6 |
| albo-brunneum, Pers. | 4, 5 | sulphureum, Bull. | 4, 5 |
| rutilans, Schæff. | 5 | bufonium, Pers. | 4 |
| imbricatum, Fr. | 4 | album, Schæff. | 5 |
| vaccinum, Pers. | 5, 6 | grammopodium, Bull. | 6 |

Clitocybe—

- | | | | |
|----------------------------|------|-----------------------------|---------|
| clavipes, Pers. | 4 | fragrans, Sow. | 4, 5 |
| rivulosa, Pers. | 6 | obsoleta, Batsch. | 6 |
| odora, Bull. | 4, 5 | laccata, Scop. | 4, 5, 6 |
| infundibuliformis, Schæff. | 4, 5 | do. var. amethystina, Bolt. | 5, 6 |

Collybia—

- | | | | |
|-------------------|---------|-----------------|------|
| radicata, Rehl. | 4, 5, 6 | tuberosa, Bull. | 5 |
| platyphylla, Fr. | 4 | rancida, Fr. | 5 |
| maculata, A. & S. | 4, 6 | clusilis, Fr. | 4, 6 |

Mycena—

- | | | | |
|---------------------|------|------------------------|------|
| pura, Pers. | 5 | hamatopa, Pers. | 4, 5 |
| galericulata, Scop. | 4, 5 | sanguinolenta, A. & S. | 6 |
| polygramma, Bull. | 5, 6 | epipterygia, Scop. | 4, 6 |
| ammoniaca, Fr. | 4, 5 | pterigena, Fr. | 4 |
| amicta, Fr. | 4 | capillaris, Schum. | 4 |

- Omphalia**—
 rustica, Fr. 4, 5
 umbellifera, Linn. 1
 fibula, Bull. 6
- Pleurotus**—
 corticatus, Fr. 4
 septicus, Fr. 1
- Pluteus**—
 cervinus, Schæff. 5, 6
- Entoloma**—
 costatum, Fr. 6
 sericeum, Bull. 6
 nidorosum, Fr. 4, 6
- Clitopilus**—
 prunulus, Scop. 4, 5, 6
 vilis, Fr. 4
- Leptonia**—
 chalybæa, Pers. 5
- Nolanea**—
 pascua, Pers. 4, 6
- Claudopus**—
 byssisedus, Pers. 4
- Pholiota**—
 radiceosa, Bull. 6
 squarrosa, Müll. 4, 5
 spectabilis, Fr. 4
 adiposa, Fr. 5
 flammans, Fr. 1, 5, 6
 mutabilis, Schæff. 6
 marginata, Batsch. 5
 unicolor, Fl. Dan. 4
 mycenoides, Fr. 6
- Inocybe**—
 hirsuta, Lasch. 6
 cincinnata, Fr. 4
 rimosa, Bull. 5, 6
 entheles, B. & Br. 5
 geophylla, Sow. 4, 5, 6
- Hebeloma**—
 fastibile Fr. 5, 6
 mesophæum, Fr. 4
 petiginosum, Fr. 6
- Flammula**—
 carbonaria, Fr. 4, 5
 inopoda, Fr. 6
- Naucoria**—
 escharoides, Fr. 5
- Galera**—
 lateritia, Fr. 4
 hypnorum, Batsch. 5, 6
 mycenopsis, Fr. 4
- Tubaria**—
 furfuracea, Pers. 4
 paludosa, Fr. 6
 crobula, Fr. 6.
- Psalliota**—
 hæmorrhoidaria, Kæhbr. 5
- Stropharia**—
 æruginosa, Curt. 4, 5
 albo-cyanea, Desm. 1
 semi-globata, Batsch. 5

Hypholoma—

sublateritium, Schæff. 4, 5
capnoides, Fr. 6
epixanthum, Fr. 5

fasciculare, Huds. 4, 5
lachrymabundum, Fr. 5

Psathyra—

fibrillosa, Pers. 4

Panaeolus—

campanulatus, Linn. 4, 5

Coprinus—

micaceus, Fr. 5, 6

domesticus, Fr. 6

Cortinarius—

varius, Fr. 5
largus, Fr. 5
variicolor, Fr. 6
glaucopus, Fr. 4, 5, 6
cærulescens, Fr. 5
purpurascens, Fr. 4, 5
elator, Fr. 6
pluvius, Fr. 4
albo-violaceus, Fr. 1, 4, 6
traganus, Fr. 4, 5
Bulliardii, Fr. 6
tabularis, Fr. 4, 6
rigidus, Fr. 4, 6
caninus, Fr. 4, 5, 6

anomalus, Fr. 4
lepidopus, Cooke. 6
cinnabarinus, Fr. 6
cinnamomeus, Fr. 4, 5, 6
semi-sanguineus, Fr. 5
raphanoides, Fr. 6
bivelus, Fr. 6
torvus, Fr. 4, 6
armillatus, Fr. 1, 4, 6
hemitrichus, Fr. 5
brunneus, Fr. 5
decepiens, Fr. 4, 6
acutus, Fr. 6

Gomphidius—

viscidus, Fr. 6

glutinosus, Fr. 6

Paxillus—

involutus, Fr. 4, 5, 6

Hygrophorus—

agathosmus, Fr. 6
pratensis, Fr. 4
nivus, Fr. 5
Wynnæ, B. and Br. 6
lætus, Fr. 1
ceraceus, Fr. 4

coccineus, Fr. 4
punicus, Fr. 4, 5
obrusseus, Fr. 5
conicus, Fr. 4
chlorophanus, Fr. 4, 5
psittacinus, Fr. 4

Lactarius—

torminosus, Fr. 4, 5
turpis, Fr. 4, 5, 6
pubescens, Fr. 5
blennius, Fr. 4, 5, 6
circellatus, Fr. 5
chrysorrhæus, Fr. 6
vellereus, Fr. 5, 6
deliciosus, Fr. 5

quietus, Fr. 5, 6
glyciosmus, Fr. 4, 5, 6
aurantiacus, Fr. 5
fuliginosus, Fr. 4
volemus, Fr. 1
mitissimus, Fr. 4
spinulosus, Quel. 5
subdulcis, Fr. 4

Russula—

nigricans. 4, 5, 6
lactea, Fr. var. incarnata, 4
puellaris, Fr. 5
cærulea, Fr. 6
armeniaca, Cooke. 4
adusta, Fr. 4, 5, 6

delica, Fr. 6
dapallens, Fr. 6
drimeia, Cooke. 4, 5, 6
rubra, Fr. 6
cyanoxantha, Fr. 4, 5, 6
heterophylla, Fr. 5

Russula—*continued.*

foetens, Fr. 4, 5, 6
 emetica, Fr. 4, 5, 6
 fellea, Fr. 4, 5, 6
 ochroleuca, Fr. 4, 5

fragilis, Fr. 6
 nivea, Cooke. 6
 chloroides, Fr. 6

Cantharellus—

eibarius, Fr. 4, 6

aurantiacus, Fr. 5, 6

Nyctalis—

parasitica, Fr. 4

Marasmius—

urens, Fr. 2
 peronatus, Fr. 5
 graminum, Berk. 6

androsaceus, Fr. 4
 insititius, Fr. 6

Lentinus—

cochleatus, Fr. 4

Panus—

torulosus. 1

Xerotus—

degener, Fr. 4

Boletus—

luteus, Linn. 1
 elegans, Schum. 6.
 flavus, With. 1, 6
 bovinus, Linn. 6
 badius, Fr. 5, 6
 variegatus, Fr. 6.
 subtomentosus, Linn. 4, 5, 6

calopus, Fr. 5
 pachypus, Fr. 6
 edulis, Bull. 4, 5, 6
 luridus, Schæff. 5, 6
 versipellis, Fr. 4.
 seaber, Fr. 4, 5, 6

Polyporus—

areularius, Fr. 6
 Schweinitzii, Fr. 1, 5
 perennis, Fr. 4, 5
 squamosus, Fr. 3, 5
 nummularius, Fr. 4, 5
 lacteus, Fr. 6
 fragilis, Fr. 5
 rutilans, Fr. 4
 adustus, Fr. 4, 5

borealis, Fr. 6
 betulinus, Fr. 4, 5
 nigricans, Fr. 4, 5
 annosus, Fr. 4, 5
 velutinus, Fr. 4
 versicolor, Fr. 4, 5
 abietinus, Fr. 6
 molluscus, Fr. 5, 6
 vaporarius, Fr. 4, 6

Trametes—

mollis, Fr. 4

Merulius—

tremellosus, Sehrad. 4, 5

Solenia—

anomala, Fr. 4

Hydnum—

repandum, Linn. 4, 6
 rufescens, Pers. 5

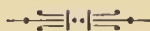
alutaceum, Fr. 6

Tremellodon—

gelatinosum, Pers. 1

- Phlebia**—
merismoides, Fr. 4
- Grandinia**—
granulosa, Fr. 6 mucida, Fr. 6
- Craterellus**—
crispus, Fr. 4
- Thelephora**—
caryophyllacea, Pers. 6 laeiniata, Pers. 6
anthocephala, Fr. 6
- Stereum**—
purpureum, Pers. 4 rugosum, Fr. 4
hirsutum, Fr. 4
- Sparassis**—
crispa, Fr. 3.
- Clavaria**—
rugosa, Bull. 4, 5, 6 purpurea, Fr. 4
flaccida, Fr. 4
- Calocera**—
viscosa, Fr. 5, 6 cornea, Fr. 4
- Tremella**—
mesenterica, Retz. 5, 6
- Dacrymyces**—
stillatus, Nees. 6
- Scleroderma**—
verrucosum, Pers. 5
- Thelebolus**—
terrestris, A. and S. 4
- Lycoperdon**—
gemmatum, Batsch. 4, 5 perlatum, Pers. 5, 6
- Ithyphallus**—
impudicus, Fisch. 5

LIST OF FUNGI II.



LOCALITIES.

1. BONSKEID. 2. BLAIR ATHOLL, LUDE, GLEN TILT. 3. FASKALLY.
4. PITLOCHRY. 5. ABERFELDY. 6. KILLIN.

**Ceratiomyxa**—

mucida, Schreet. 1, 4, &c. common

Badhamia—

utricularis, Berk. 1
lilacina, 6. Woods above Auchmore.—This is the third British record for this species, which

has been found only once previously in Scotland, and once at Pilmoor, Yorkshire

Physarum—

viride, Pers. 6, and at Falls of Tummel *mutans*, Pers. 1, 4, &c. Abundant

Fuligo—

septica, Gmel. 1, 4, &c. Abundant

Craterium—

pedunculatum, Trent. 2, Lude

Leiocarpus—

vernicosus, Link. 6

Diachæa—

subsessilis, Peck. 6. Near Auchmore.—This is the first record for Scotland and fourth for Britain

Didymium—

farinaceum, Schrad. 6. Near Auchmore

Spumaria—

alba, D.C. 1, 3, &c. Common

Stemonitis—

fusca, Roth. 1, 2, Glen Tilt

Comatricha—

typhoides, Rost., type and var. *heterospora*, 2, Lude

Cribraria—

argillacea, Pers. 6

Tubulina—

fragiformis, Pers. Very common

Reticularia—

lyeoperdon, Bull. 2, 3, 6

Trichia—

persimilis, Karst. 1

varia, Pers. 1

fallax, Pers. Falls of Tummel

botrytis, Pers. 6. Near Auchmore

Arcyria—

punicea, Pers. 1

albida, Pers. 2, Lude

flava, Pers. 6. Near Auchmore

Lycogala—

miniatum, Pers. 1 6, &c.

Spinellus—

fusiger, Link. On rotten agarics, 3

Phytophthora—infestans, Mont. On *Solanum tuberosum*, 4**Peronospora**—nivea, Ung. On *Ægopodium Podagraria*, 4eandida, Fekl. On *Primula vulgaris*, 4**Urocystis**—anemones, Pers. On *Ranunculus repens*, 1, 2**Protomyces**—maerosporus, Ung. On *Ægopodium Podagraria*, Moulin**Uromyces**—fabæ, Pers. (as Uredo). On *Vicia sepium*, 2orobi, Pers. (as Uredo). On *Lathyrus maerorrhizus*, 2polygoni, Pers. On *Polygonum Aviculare*, 4trifolii, A. & S. (as Uredo). On *Trifolium repens*, 2geranii, D. C. (as *Æcidium*). On *Geranium sylvaticum*, 1valerianæ, Sehun. (as Uredo). On *Valeriana officinalis*, 3rumicis, Sehun. (as Uredo). On *Rumex Acetosa*, 4alchemillæ, Pers. On *Alchemilla vulgaris*, 2**Puccinia**—galii, Pers. (as Uredo). On *Galium verum*, 4calthæ, Link. On *Caltha palustris*, 2violæ, Sehun. On *Viola Riviniana*, 1, 2menthæ, Pers. On *Mentha*, 1, 2rubigo-vera, D. C. (as Uredo). On *Holeus lanatus*, 4suaveolens, Pers. On *Cnicus arvensis*, 2centaureæ, Mart. On *Centaurea nigra*, 4polygoni, Pers. On *Polygonum amphibium* var. *terrestre*, 2, 4Baryi, B. & Br. (as Uredo). On *Brachypodium sylvaticum*, 1arenariæ, Sehun. On *Arenaria trinervia*, 2annularis, Strauss. On *Teucrium Scorodonia*, 2, 3**Phragmidium**—fragariastri, D. C. On *Potentilla Fragariastrum*, 1subeortiatum, Sehrank. On *Rosa*, 2rubi idæi, Pers. On *Rubus Idæus*, 2

Melampsora—

tremuli, Tul. On *Populus tremula*, 4
 populina, Jacq. On *Populus alba*, 4
 hypericorum, D.C. (as Uredo).
 On *Hypericum pulchrum*, 3
 betulina, Pers. (as Uredo). On
Betula alba, 1, 2, 3

pustulata, Pers. (as Uredo). On
Epilobium palustre, 3
 padi, Kze. & Schm. (as Uredo).
 On *Prunus Padus*, 2
 vacciniorum, Link (as Uredo). On
Vaccinium Myrtillus, 2

Coleosporium—

senecionis, Pers. (as Uredo). On
Senecio vulgaris, 4
 tussilaginis, Lév. On *Tussilago
 Parfara*, 2

campanulæ, Pers. (as Uredo). On
Campanula rotundifolia, 2

Milesia—

polypodii, B. White. On *Lomaria Spicant*, 3

Helvella—

lacunosa, Afz. On the ground, 2

macropus, Pers. On the ground, 6

Leotia—

lubrica, Seop. On the ground, 2

Spathularia—

clavata, Schæff. On the ground, 1

Rhizina—

inflata, Schæff. On the ground, 2

Otidea—

leporina, Batsch. On the ground, 2, 5

Helotium—

fructigenum, Bull. On decaying
 beech-mast, 1
 citrinum, Hedw. On dead branches,
 1

pruinatum, Jerd. On dead Pyre-
 noniycetes, 2

Chlorosplenium—

æruginosum, Fl. Dan. Mycelium in a rotten branch, 1

Lachnea—

scutellata, L. On a rotten stump, 1, 3

Coryne—

urnalis, Nyl. On a fallen tree, 1

Orbilina—

leucostigma, Fr. On decaying
 wood, 1

xanthostigma, Fr. On decaying
 wood, 1

Pseudopeziza—

trifolii, Bernh. On *Trifolium repens*, 2, 4

Trochila—

craterium, Fr. On dead leaf of
Hedera Helix,

lauro-cerasi, Desm. On dead leaf
 of *Prunus Lauro-cerasus*, 4

Lophodermium—

juniperinum, Fr. On dead leaves of *Juniperus communis*, 3

Dichæna—

quercina, Pers. On bark of *Quercus Robur*, 3

Sphærotheca—

Castagnei, Lév. On *Humulus Lupulus*, 2

Phyllactinia—

corylea, Pers. On *Corylus Avellana*, 2

Erysiphe—

Martii Lév. On *Pisum sativum*, 4

cichoracearum, D.C. On *Plantago lanceolata*, 2

Uncinula—

aceris, D.C. On *Acer Pseudo-platanus*, 2

Microsphæria—

grossulariæ, Lév. On *Ribes alni*, D.C. On *Viburnum Opulus*, 2

Grossularia, 2

alni, D.C.

On *Viburnum Opulus*, 2

Asterina—

veronicæ, Lib. On *Veronica officinalis*, 3

Cordyceps—

ophioglossoides, Ehrh. On *Elaphomyces variegatus*, 6

capitata, Holmsk. On *Elaphomyces granulatus*, 2

Rhopoglyphus—

filicinus, Fr. On dead stems of *Pteris aquilina*, 3

Phyllachora—

podagrariæ, Roth. On *Ægopodium Podagraria*, 4

Stigmatea—

Robertiani, Fr. On *Geranium Robertianum*, 2, 3

Sphærella—

rumicis, Desm. On *Rumex obtusifolius*, 2

Hypoxylen—

fuscum, Pers. On dead bark of *Corylus Avellana*, 1, 2

Elaphomyces—

granulatus, Fr. In the ground, 2

variegatus, Fr. In the ground, 6

Phyllosticta—

loniceræ, West. On *Lonicera Periclymenum*, 2

teuerii, Sacc. & Speg. On *Tenarium Scorodonia*, 2

Septoria—

gei, Rob. & Desm. On *Geum rivale*, 2

hydrocotyles, Desm. On *Hydrocotyle vulgaris*, 1

stellariæ, Rob. & Desm. On *Stellaria media*, 4

stachydis, Rob. & Desm. On *Stachys sylvatica*, 2

podagrariæ, Lasch. On *Ægopodium Podagraria*, 4

urticæ, Desm. & Rob. On *Urtica dioica*, 2

- Melasmia**
acerina, Lév. On *Acer Pseudo-platanus*, 1, 4
- Glœosporeum**—
tiliæ, Oud. On *Tilia europæa*, 2
paradoxum, De not. On dead leaf of *Hedera Helix*, 2
- Marsonia** —
populi, Lib. On *Populus nigra*, 4
- Oidium**—
erysiphoides, Fr. On various leucoconium, Desm. On *Rosa*, 2
living plants, 2
- Trichoderma**—
lignorum, Tode. On decaying wood, 2
- Sepedonium**—
chrysospermum, Bull. In decaying *Boleti*, 1, 2, 3
- Didymaria**--
Ungeri, Corda. On *Ranunculus repens*, 2
- Stysanus**—
stemonitis, Pers. On rotten bark, 1
- Isaria**—
farinosa, Dicks. On dead pupæ of Lepidoptera, 2

MOSSES.

(Additional records in Clyde area since the publication of the
BRIT. ASS. HANDBOOK in 1901.)

- Swartzia montana*, Lindb., Ardarroch, Loch Long.
Grimmia maritima, Turn., Loch Long (east shore).
Encalypta ciliata, Hoffm., Ben Lomond.
Orthotricum anomalum, Hedw., var. *Saxatile*, Brid., Luss, Loch Lomond.
Bartramia Halleriana, Hedw., Tarbet, Loch Lomond.
Webera Ludwigii, Schp., Ben Vane.
Bryum Duvalii, Voit., Tinto.
Mnium cinclidioides, Hübn., Knockewart Loch, Ardrossan.
Hypnum calliæhroum, Brid., Aldochlay, Loch Lomond.
Found in Glen Tilt.
Dicranum Bergeri, Bland.
Cylindrothecium concinnum, De Not.

