

Fungi of the Sligo Valley

Clements and Shear, the Genera of Fungi has been followed in the systematic arrangement of this list.

Perisporiales *E. inquinans*

Erysiphaceae

Hyalosporae

Erysiphe Hedw.

E. cichoracearum D. C. on Verbena urticifolia.

Perisporae

E. polygoni D. C. (the type) on Trifolium pratense.

Microsphaera Lev.

Taraxacum M. alni. Powdery mildew on Lilac.

Sphaeriales *T. species not determined.*

Sphaeriaceae

Phaeosporae

Chaetomium Kze. sp. *Porc.*

Trichoglossum C. globosum on Hydnum coralloides

Hypoxylum Bull. *termined.*

Trametesiales *H. atropunctatum* (Schw.) Ell. and Ev.

Trametesiales *Xylaria* (Hill.) Schrank

Trametes (X *hypoxylum* (L.) Grev.

Hypocreaceae *T. species not determined.*

Hyalodidymae

Hypomyces Tul.

H. hyalinus = *H. inaequalis* on Amanita Verna.

G. species

Guignardia Fr.

G. apothecialis (Schw.) Fr.

Perizales

Bulgariaceae

Bulgaria Fr. Pers.

B. inquinans (Schw.) Fr. Chartralle

B. urfa

Patellariaceae

Patellea Fr.

P. pileata

Pezizaceae

Pezize (Dill.) L.

P. spissa Berk.

Tarzetta Cooke

Clavariaceae

T. species not determined.

Helvellaceae

Leotia Hill

L. lubrica (Scop.) Pers.

Trichoglossum Boud

T. specie not determined.

Tremelleles

Tremellaceae

Tremella (Dill.) Fr.

T. specie not determined.

Daeromycetaceae

Calocera Fr. Pers.

C. species not determined.

C. cornea Pers.

Guepinia Fr.

G. spathularia (Schw.) Fr.

Agaricales

B. chrysenteron (Bull.) Fr. Red-cracked
Boletus (Edible?)

Thelephoraceae

B. morgani
Craterellus Pers.
B. scaber Bull. Rough-stemmed Boletus (Edible)
C. cantharellus (Schw.) Fr. Chantrelle
B. subcorticosus L. (Unwholesome) Craterellus (Edible)

Thelephora Ehrhart.

T. schweinitzii

Stereum Pers. (Bull.) Fries (the type sp.)

S. hirsutum (Willd.) Pers.

S. imbricatum

S. pinicola (Sw.) Cooke

S. purpureum

S. versicolor

S. applanatum (Pers.) Wallr.

Clavariaceae

Clavaria (Vaill.) L.
L. betulina (L.) Fr. (the type sp.) Long Branch
C. abietina April 1940

C. amythistina Fr.

C. purpurea

C. stricta (Pers.) Fr. Close clavaria (Bitter
taste)

Lachnocladium Lev.

L. semivestitum B. and C.

Hydnaceae

Hydnum L.
H. coralloides Scop. Coral Hydnum (Edible)

H. zonatum

Irpex Fr.

I. strobilaceus (Scop.) Berk. Cone-like Boletus
I. tulipifera (Edible)

Agaric Polyporaceae

Boletus (Dill.) L.

B. bicolor Pk. Two-colored Boletus (Edible)

B. chrysenteron (Bull.) Fr. Red-cracked
Boletus (Edible?)

A. cyanosporus Atk.

B. morgani

A. sylvaticus (L.) Pers. (Poisonous)

B. scaber Bull. Rough-stemmed Boletus (Edible)

A. phalloides (Fr.) Quel. Poison Amanita

B. subtomentosus L. (Unwholesome) (Deadly)

Daedalea (Pers.) Fries (poisonous)

D. ambigua Berk. (poisonous)

D. unicolor (Bull.) Fries (the type sp.) (poisonous)

Fomes Gill.

Sec. I Leucos-fomes (Quel. Destroying Angel (Deadly))

F. pinicola (Sw) Cooke

Sec. II Fusco-fomes (Wallr.) Fr. Orange Chanterelle

F. applanatus (Pers.) Wallr.

Lenzites Fries (Schw. Vermilion Chanterelle)

L. betulina (L.) Fr. (the type sp.) Long Branch
April 1940.

Polyporus (Michel.) Fr.

P. cinnabarinus

P. circinatus

P. fumosus

P. gilresylla (Pers.) Quel. Broad-gilled
Collybia (Edible)

P. hirsutus (Pers.) (Undesirable)

P. lucidus (Nalb) Fr. Rooting Collybia (Edible)

P. schweinitzii

P. sulphureus

Strobilomyces Berk.

S. strobilaceus (Scop.) Berk. Cone-like Boletus
(Edible)

H. carthagenus (Schw.) Fr. Chanterelle

Agericaceae

Leucosporae *Leucosporium* (Scop.) Fr. Conic Hygrospora

Amanita Pers.

- A. abrupta*
- A. cinereconia* Atk.
- A. muscaria* (L.) Pers. (Poisonous) Lectarius (Edible)
- A. phalloides* (Fr.) Quel. Poison Amanita (Deadly)
- A. piperatus* (L.) Fr.
- A. solitaria* (Poisonous)
- A. sprete* (Deadly poisonous)
- A. verna* (Bull.) Quel. Spring Amanita (Deadly poisonous)
- A. virosa* (Fr.) Quel. Destroying Angel (Deadly)
- Cantharellus* Adanson.
- C. aurantiacus* (Wulf.) Fr. Orange Chanterelle
- C. cibarius* Fr. (Edible)
- C. cinnabarinus* Schw. Vermilion Chanterelle
- C. siccus* (Schw.) Fr. Dry Marasmius (Edible)
- Clitocybe* Fr. locus B. and C.
- C. laccata*
- Collybia* (Fr.) Quel.
- C. aqriosa*
- C. butyracea*
- C. platyphylla* (Pers.) Quel. Broad-gilled Collybia (Edible)
- C. variety repons.* (Undesirable)
- C. radicata* (Reh) Fr. Rooting Collybia (Edible)
- C. trictipes* Pk.
- Heliomyces* Lev.
- H. nigripes*
- Hygrophorus* Fr. oides. Long Branch April 1940.
- H. cantharellus* (Schw.) Fr. Chanterelle Hygrophorus (Edible)
- H. conicus* (Scop.) Fr. Conic Hygrophorus (Poisonous)

Lactarius Fr.

- L. affinis Pk. (Bull.) Fr. Blackening Russula
(Edible)
L. deliciosus (L.) Fr. Delicious Lactarius
(Edible)
L. piperatus (L.) Fr.

Lentinus Fr. (Schaeff.) Fr. Green Russula
(Edible)

- L. lepideus Fr. Scaly Lentinus

Schizocyllium Fr.

Marasmius Fr.

- M. caricicola
M. elongatipes Pk.
M. erythropus

Rhodospores

- M. glabellus

Claudopus W. G. Smith

- M. olneyi B. and C.
C. species not determined.
M. siccus (Schw.) Fr. Dry Marasmius

Molanea Fr.

- M. spongiosus B. and C.
M. cysthele
M. velutipes

Pluteus Fr.

Mycena Fr.

- M. cervinus (Schaeff.) Fr. (the type sp.)
M. corticola

Ochrospores

Omphalia Pers.

Cortinariarius Fr.

- O. alloflava
O. brunneus
O. campanella (Batsch.) Pers.

Grepidatus Fr.

- O. pyridata (?)
O. viridatus

Panus Fr.

Calocera Fr.

- P. rudis
P. tenuis (Schaeff.) Fr.

Pleurotis Fr.

Paxillus Fr.

- P. serotinoideus. Long Branch April 1940.
P. involutus (Batsch.) Fr. Inrolled Paxillus
P. spathulatus (Fr.) Pk. (Edible)

Phol P. ulmaria (Bull.) Quel. Elm. Pleurotus
(Edible)

- P. ceporata (Pers.) Gill. Wrinkled Pholiotus
(Edible)

Russula Pers.

Pall *R. nigricans* (Bull.) Fr. Blackening Russula
(Edible)

P. *R. silvicola* (Vitt.) Fr. Silver Mushroom

Polyporus *R. purpurinervis* L. (Edible)

Hypha *R. sanguinea* Fr.

R. *R. virescens* (Schaeff.) Fr. Green Russula
(Edible)

Psathyrella Fr.

Schizophyllum Fr.

S. *S. dissectata* (Pers.) Fr.

S. *S. commune* Fr.

Lycoperdaceae

Tricholoma Fr.

Lycoperdaceae

T. *T. melaleucum*

Bovista Pers.

Rhodosporae

R. *R. sp. 1*

Claudopus W. G. Smith

Calvatia Fr. *Calvatia sp.*

C. *C. species not determined.*

C. *C. saccata* (Vahl.) Fr. Long-stemmed Puff ball.

Nolanea Fr.

N. *N. (Michel.) Fr.*

N. *N. dysthale*

N. *N. hygroscopicus*

Pluteus Fr.

Lycoperdum (Tourm.) L.

P. *P. cervinus* (Schaeff.) Fr. (the type sp.)

L. *L. gemmatum* Batsch var.

Ochrospora var. *papillatum* Gem-studded Puff ball.

(Edible)

Cortinari Fr.

C. *C. nyciforme* Schaeff. Pear-shaped Puffball.

C. *C. brunneus* (Edible)

Microgaster **Crepidotus** Fr.

C. *C. virsutus*

Galera Fr. *Galera* Tal. (Type sp.)

Cyath **G.** *G. tenera* (Schaeff.) Fr.

Paxillus Fr. *Paxillus* (Huds.) Hoffman (Type sp.)

Phoma **P.** *P. involutus* (Batsch.) Fr. Inrolled Paxillus
(Edible)

Pholiota

Pholiota Fr.

Pholiota

F. *F. caperata* (Pers.) Gill. Wrinkled Pholiota;
Gypsy. (Edible)

Melanosporae

Psalliota Fr. = *Agaricus* L.

P. silvicola (Vitt.) Fr. Silvan Mushroom

Agaricus silvicola L. (Edible)

Hypholoma Fr.

H. incertum var. *sylvestris*

Psathyrella Fr.

P. disseminata (Pers.) Fr.

Lycoperdsles

Lycoperdsceae

Bovista Pers.

B. pila B. and C.

Calvatia Fr. *epiphyllum* on *Sassafras officinale*

C. saccata (Vahl.) Fr. Long-stemmed Puff ball.

Geaster (Michel.) Fr.

G. hygrometricus

Lycoperdum (Tourn.) L.

L. gemmatum Batsch var.

var. *papillatum* Gem-studded Puff ball.
(Edible)

L. pyriforme Schaeff. Pear-shaped Puffball.

(Edible)

Nidulariaceae

Crucibulum Tul.

C. vulgare Tul. (Type sp.)

Cyathus Hall

C. striatus (Huds.) Hoffm. (Type sp.)

Phomales

Phomaceae

Hyalosporae

Phyllosticta Pers.

P. viticola

Conidial stage of Guinardia bidwellii.

Melanconiales

Melanconiaceae

Hyalosporae

Rhabdogloeum Syd.

R. species not determined.

Moniliales

Dematiaceae

Didymosporae

Cladosporium Link

C. epiphyllum on Sassafras officinalis

Microcella heteromalla (L.) Schimp.

Leucobryum glaucum (L.) Schimp.

Funariaceae. The Cord Moss Family.

Funaria hygrometrica (L.) Sibth. The Cord Moss.

Physciastrum turbinatum (Nz.) Brid. Common Urn Moss.

Bryaceae. The Bryum Family.

Bryum cuspidatum (L.) Sayce.

Leskeaceae. The Leskea Family.

Thuidium sp. Fern Moss.

Hypnaceae. The Hypnum Family.

Hypnum pretense.

Hypnum squarrosum.

Plagiothecium depauperatum (Joh.) Grout.

Sclerum cladorrhizans (Hedw.) C. Muell. The Flat-stemmed Antodon.

Antodon compressum.

~~Marchantiales~~ MOSSES OF THE SLIGO VALLEY

A few of the more common species in large part collected on
August 13, 1939.

Polytrichaceae. The Hair-Cap Family

Polytrichum commune L., Common Hair-cap.

Pogonatum brevicaule (Brid.) Beauv. The Short Pogonatum.

Catharinea crispa James.

Buxbaumiaceae. The Buxbaumia Family.

Buxbaumia aphylla L. The Humpbacked Elves.

Webera sessilis (Schmid.) Lindb. *Diphyscium foliosum*.

Dicranaceae. The Dicranum Family.

Ditrichum pallidum.

Dicranella heteromalla (L.) Schimp.

Leucobryum glaucum (L.) Schimp.

Funariaceae. The Cord Moss Family.

Funaria hygrometrica (L.) Sibth. The Cord Moss.

Physcomitrium turbinatum (Mx.) Brid. Common Urn Moss.

Bryaceae. The Bryum Family.

Mnium cuspidatum (L.) Leyss.

Leskeaceae. The Leskea Family.

Thuidium sp. Fern Moss.

Hypnaceae. The Hypnum Family.

Hypnum pratense.

~~Hylocomium squarrosum.~~

Plagiothecium deplanatum (Sch.) Grout.

Entodon cladorrhizans (Hedw.) C. Muell. The Flat-stemmed
Entodon.

Entodon compressum.

Marchantiaceae. The True Liverworts.

Marchantia sp. Very abundant near the mouth of Long Branch.

1. Dealey, F. W.: Forest Trees of Maryland, University of Maryland, 1912.
2. The "Reindeer Moss", a shrubby lichen, *Cladonia rangiferina* is sparingly found. Printed by Jonathan Elliot, Washington, D. C. 1830.
3. Britton, N. L. and A. Brown: Illustrated Flora of the Northern United States and Canada, Second edition, New York Botanical Gardens, 1913.
4. Gray, A.: New Manual of Botany, Seventh Edition, 1908. American Book Co., New York.
5. Hitchcock, A. S. and F. C. Standley: Flora of the District of Columbia (U. S. National Herbarium, 91) Washington: 1907 Government Printing Office.
6. Hitchcock, A. S.: Genera of Grasses. Department of Agriculture Bulletin 732. Washington, Government Printing Office.
7. Meade, W. L.: Natural History of the District of Columbia. Bulletin of the Biological Society of Washington, No. 1. Washington, 1912.
8. Ward, Lester P.: Flora of Washington and Vicinity with Seven Supplements. Government Printing Office, Washington, 1907.
9. Flora Columbiana in Field and Forest. Issued by Federal 3356 Naturalists' Club. Washington, 1915.
10. Flora Columbiana. Washington Botanical Society, 1912.
11. Geological Atlas of the United States, Washington Folio No. 70 Washington, D. C.

BIBLIOGRAPHY

1. Besley, F. W.: Forest Trees of Maryland. University of Maryland State Department of Forestry.
2. Brereton, John A.: Florae Columbianae. Printed by Jonathan Elliot, Washington, D. C. 1830.
3. Britton, N. L. and A. Brown: Illustrated Flora of the Northern United States and Canada, Second edition. New York Botanical Gardens, 1913.
4. Gray, A.: New Manual of Botany, Seventh Edition, 1908. American Book Co., New York.
5. Hitchcock, A. S. and P. C. Standley: Flora of the District of Columbia (U. S. National Herbarium, 21) Washington 1919. Government Printing Office.
6. Hitchcock, A. S.: Genera of Grasses. Department of Agriculture Bulletin 732. Washington, Government Printing Office.
7. McAtee, W. L.: Natural History of the District of Columbia. Bulletin of the Biological Society of Washington, No. 1. Washington, 1918.
8. Ward, Lester F.: Flora of Washington and Vicinity with Seven Supplements. Government Printing Office, Washington, 1881.
9. Flora Columbiana in Field and Forest. Issued by Potomac Side Naturalists' Club. Washington, 1876.
10. Florula Columbiensis. Washington Botanical Society, 1819.
11. Geological Atlas of the United States, Washington Folio No. 70. Washington, D. C.