

NORWICH FORAY.

June 2nd to 5th, 1922.

The Spring Foray was held during the Whitsuntide holidays, with headquarters at Norwich. On the Friday evening about fifteen members assembled at the Norwich Museum, in the old Castle building, and were welcomed by the Curator, Mr Howard, and members of the Museum Committee. Interesting features of the building were pointed out, and the evening ended with a climb on the battlements from which a magnificent view of Norwich and the country round was obtained.

During the week-end the weather was dry and for the most part hot, as it had been for some time previously. Consequently the harvest of fungi was unusually small, even for a spring foray.

On Saturday, June 3rd, a delightful excursion on the Broads had been planned through the generosity of Mr Adcock, who placed his houseboat at the disposal of the party. Starting from Wroxham, the boat was towed by a small motor-boat as far as Woodbastwick, where a landing was made. The party was met here by Mr John Cator, and under his guidance Woodbastwick marsh was explored. Amongst the first finds was *Puccinia Pringsheimiana*, growing in abundance on wild Black Currant.

After lunch at Horning Ferry, motor-boat and dinghy were requisitioned to take members to South Walsham, where woods belonging to Sir Bartle Frere were worked. Here the only find of note however was a large partial ring of the Giant Puff Ball, *Lycoperdon giganteum*. Two huge specimens were secured for exhibition, and provided some merriment on the homeward journey.

Mr Adcock entertained the members to "high tea" at Horning Ferry Inn, after which a most enjoyable day finished with the boat trip homewards by way of Wroxham Broad.

Sunday morning was free, and many members took the opportunity of being shown over the Museum by the Curator.

In the afternoon a tram was taken out to Trowse, and a raid was made on grounds belonging to Mr and Mrs Colman, by whom the party were entertained to tea. A small gathering of *Hypomyces aureo-nitens* was secured in the woods, and in the garden of Mrs Colman's house Mr A. Adcock detected some lilies attacked by *Uromyces Lili*.

In the evening Mr Adcock kindly allowed some of the members to inspect his tomato houses, with the result that several species

of fungi parasitic on tomatoes were added to the day's finds. At the house afterwards the President, Mr F. T. Brooks, gave a popular talk on Rusts, and Mr Pearson provided music in the shape of some charming folk-songs.

On Monday, June 5th, Sir Eustace Gurney's woods at Thorpe St Andrew were visited, and the homeward walk was by way of Racecourse Wood. This excursion yielded the largest number of species, though little of rarity. Mr Ramsbottom collected some very fine specimens of *Corticium Galzinii* and *Polyporus nummularius* and *P. radiatus* were among the more uncommon species obtained.

At the close of the Foray very cordial votes of thanks were given to the Museum Committee and Curator, to the various landowners who had given permission for visits to their estates, and especially to Mr Howard and Mr Adcock, who had taken so much trouble to ensure what all agreed was one of the most pleasant spring meetings on record.

N. = Norwich; W. = Woodbastwick; S.W. = South Walsham; R. = Thorpe St Andrew and Racecourse Woods; H. = Horning Ferry; T. = Trowse and Mrs Colman's garden.

BASIDIOMYCETES.

- Armillaria mellea* (Vahl) Fr., S.W., R. (rhizomorphs).
Tricholoma gambosum Fr., R.
Laccaria laccata (Scop.) B. and Br., R.
Collybia dryophila (Bull.) Fr., R.
Pluteus cervinus (Schaeff.) Fr., T.
Entoloma rhodopolium Fr., R.
Pholiota praecox (Pers.) Fr., W., *aegerita* (Porta) Fr., T., *mutabilis* (Schaeff.) Fr., R.
Astrosporina sabuletorum (B. and Curt.) Rea, R.
Psaliota xanthoderma Genev., T.
Hypholoma fasciculare (Huds.) Fr., W., R., *sublateritium* (Schaeff.) Fr., T., *appendiculatum* (Bull.) Fr., W., R.
Psathyra fibrillosa (Pers.) Fr., W.
Psathyrella disseminata (Pers.) Fr., R.
Coprinus plicatilis (Curt.) Fr., W., R.
Lenzites betulina (Linn.) Fr., R.
Boletus luteus (L.) Fr., R., *bovinus* (L.) Fr., R., *luridus* (Schaeff.) Fr., R.
Polyporus squamosus (Huds.) Fr., S.W. (on ash), R. (on *Acer pseudoplatanus*), *nummularius* (Bull.) Quél., R., *sulphureus* (Bull.) Fr., H. (on willow), T., *rutilans* (Pers.) Fr., R., *adustus* (Willd.) Fr., R., *hispidus* (Bull.) Fr., R., *radiatus* (Sow.) Fr., R., *betulinus* (Schrad.) Fr., W., R.
Fomes annosus Fr., T., R.
Polystictus versicolor (L.) Fr., W., R., *abietinus* (Dicks.) Fr., T.
Irpex obliquus (Schrad.) Fr., W., T., R.
Odontia farinacea (Pers.) Quél., R.
Stereum hirsutum (Willd.) Fr., W., T., R., *rugosum* (Pers.) Fr., S.W., T., R., *purpureum* (Pers.) Fr., S.W., R., *spadiceum* Fr., T.
Hymenochaete rubiginosa (Dicks.) Lév., R.
Corticium Galzinii Bourd., R., *Sambuci* (Pers.) Fr., T., *confine* Bourd. and Galz., T., R., *confluens* Fr., R., *porosum* B. and Curt., R.
Peniophora cremea Bres., R., *velutina* (DC.) Cooke, R., *setigera* (Fr.) Bres., R., T., *hydnoides* C. and M., R., *incarnata* (Pers.) Cooke, R., and var. *hydnoidea* (Pers.) Bourd. and Galz., T., *cinerea* (Fr.) Cooke, R.

Hypochnus fuscus (Pers.) Karst., *W.*
 Solenia anomala (Pers.) Fr., *W.*, *R.*
 Hirneola auricula-Judae (L.) Fr., *S.W.*
 Exidia glandulosa (Bull.) Fr., *T.*
 Dacryomyces deliquescens (Bull.) Duby, *T.*, *R.*
 Calocera viscosa (Pers.) Fr., *R.*
 Phallus impudicus (L.) Pers., *R.*
 Bovista plumbea Pers., *T.*

UREDINEAE.

Uromyces Valerianae (Schum.) Fuck., *W.*, Scillarum (Grev.) Wint., *T.*, Lili
 (Link) Fuck., *T.*
 Puccinia Violae (Schum.) DC., *R.*, Malvacearum Mont., *W.*, pulverulenta Grev.,
T., *R.*, Smyrnii Biv., *R.*, obtegens (Link) Tul., *R.*, Caricis (Schum.) Rebent.,
W., *R.* (Aecidium on *Urtica*), Pringsheimiana Kleb., *W.*, graminis Pers.
 (on *Bromus sterilis*), *T.*, coronata Corda (Aecidium on *Rhamnus Frangula*),
W., Phragmitis Körn. (Aecidium on *Rumex* spp.), *W.*
 Phragmidium violaceum (Schultz.) Wint., *T.*, *R.*
 Triphragmium Ulmariae (Schum.) Link, *W.*

USTILAGINEAE.

Ustilago longissima (Sow.) Tul., *H.*, violacea (Pers.) Wint., *W.*
 Tilletia debaryana Fisch. v. Waldh. on *Holcus mollis*, *W.*

DISCOMYCETES.

Acetabula vulgaris Fuck., *R.*
 Lachnea hemisphaerica (Wigg.) Gill., *R.*
 Ciliaria scutellata (L.) QuéL., *W.*
 Pyronema omphalodes (Bull.) Fuck., *R.*
 Exoascus alnitorquus (Tul.) Sadob., *H.*
 Bulgaria inquinans (Pers.) Fr., *R.*
 Corynella glabro-virens Boud., *H.*
 Orbilia xanthostigma Fr., *R.*
 Sclerotinia sclerotiorum (Lib.) Mass., *N.*
 Helotium virgultorum (Wahl.) Karst., *W.*
 Dasyscypha virginea (Batsch) Fuck., *W.*, *T.*, *R.*
 Trichoscypha calycina (Schum.) Boud., *R.*
 Mollisia cinerea (Batsch) Karst., *W.*, *R.*

PYRENOMYCETES.

Podosphaera Oxyacanthae (DC.) de By., *T.*
 Erysiphe graminis DC. (on barley), *R.*
 Nectria ditissima Tul. (on birch), *R.*
 Hypomyces aureo-nitens Tul., *T.*
 Epichloe typhina (Pers.) Tul., *W.*
 Rosellinia aquila (Fr.) de Not., *R.*
 Diatrypella quercina (Pers.) Nits., *R.*
 Diatrype disciformis (Hoffm.) Fr., *T.*
 Hypoxylon multifforme Fr., *T.*, *R.*, coccineum Bull., *S.W.* and conidial stage,
Isaria umbrina, *R.*, fuscum (Pers.) Fr., *S.W.*
 Xylaria Hypoxylon (L.) Grev., *H.*, polymorpha (Pers.) Grev., *R.*
 Phyllachora Junci Fuck., *R.*
 Dichaena quercina Fr., *W.*, *T.*, *R.*
 Rhopoglyphus Pteridis (Sow.) Wint., *R.*

PHYCOMYCETES.

Peronospora parasitica (Pers.) Tul.

SPHAEROPSIDEAE.

Phoma lineolata Desm., *R.* (on larch cones).
 Septoria Rubi West., *W.*, *R.*, scabiosicola Desm., *H.*
 Leptothyrium Castaneae (Spr.) Sacc., *R.*

HYPHOMYCETES.

Monilia aurea Gmel., *R.*
Ovularia obliqua (Cooke) Oud., *W.*
Botrytis cinerea Pers., *N.*, *W.*, *R.*
Penicillium glaucum Link, *N.*
Botryosporium pulchrum Corda (on tomato), *N.*
Verticillium albo-atrum R. and B. (on tomato), *N.*
Bispora monilioides Corda, *R.*
Cladosporium herbarum (Pers.) Lk., *N.*, *fulvum* Cooke, *N.*
Helminthosporium graminum Rab. (on barley), *R.*
Heterosporium gracile Sacc. (on iris), *T.*
Graphium rigidum (Pers.) Sacc., *R.*

MYXOMYCETES. (H. J. Howard.)

<i>Badhamia panicea</i> Rost.	<i>Reticularia Lycoperdon</i> Bull.
<i>Craterium minutum</i> Fries. (weathered).	<i>Lycogala epidendrum</i> Fries.
<i>Diderma spumarioides</i> Fries.	<i>Trichia persimilis</i> Karst.
<i>Didymium difforme</i> Duby.	<i>Arcyria incarnata</i> Pers. var. <i>fulgens</i>
„ <i>squamulosum</i> Fries.	Lister.
<i>Stemonitis</i> ? <i>fusca</i> Roth (immature).	

KESWICK FORAY.

September 15th to 21st, 1922.

The twenty-sixth Autumn Foray and Annual General Meeting, held at Keswick from Sept. 15th to 21st, proved to be a record gathering, over sixty members and friends being present. Owing to the large size of the party it was impossible to accommodate all in one hotel, but fortunately the use was obtained of a room over the public library for the exhibition of specimens and for meetings.

The first day, Saturday Sept. 15th, was given up to a whole-day expedition to Lake Thirlmere, the woods on Fisher Crag and Great How being explored. In spite of rain and rough going, the day yielded a great number of species, many of them particularly interesting. Mr Cheesman picked up a tuber-like growth which subsequently was found to be an unusually fine specimen of *Endogone lactiflua* Berk. Among other noteworthy records were *Synchytrium Taraxaci*, *Gymnosporangium clavariaeforme* and *G. Juniperi*, *Coleosporium Melampyri*, *Thecosora Vacciniorum*, *Entoloma griseocyanum*, and *Dictyolus muscigenus*. In the evening the Annual General Meeting was held.

Sunday morning was free, but in the afternoon some of the party visited the pine woods on Latrigg, adding a number of pine-wood species to the list. Both here and in other localities visited members were particularly interested in the abundance