

Collection of Fleshy Ascomycetes From East Central Illinois

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This collection of fleshy ascomycetes was made rather casually over the last ten years, however more species were found last fall than in any one preceding year. The collection was made by Mr. Stover, other members of Botany Department staff, and students. All species were collected in Coles, Clark, and Edgar Counties. The names are those used by Seaver in "North American Cup Fungi" except *Leotia* and *Geoglossum*, forms not described by Seaver.

This collection consists of forty-one representatives; nine genera of *Pezizaceae*, two genera of *Elvelaceae*, two species of *Leotia*, and *Geoglossum glabrum*.

PEZIZACEAE

<i>Bulgaria rufa</i> Schw.....	May
<i>Humarina araneosa</i> (Peck) Seaver.....	Sept.
<i>Humarina</i> spp.	Sept. Oct.
<i>Patella albida</i> (Schaeff.) Seaver.....	Oct.
<i>Patella scutellata</i> (L.) Morgan.....	Oct.
<i>Paxina corium</i> (Weberb.) Seaver.....	summer
<i>Paxina hispida</i> (Schaeff.) Seaver.....	summer
<i>Paxina olivaceae</i> (Clements) Seaver.....	Sept. Oct.
<i>Paxina platypodia</i> (Boud.) Seaver.....	Sept. Oct.
<i>Paxina semitosta</i> (Berk. and Curt.) Seaver.....	Sept. Oct.
<i>Paxina subclavipes</i> (Phill. and Ellis) Seaver.....	Sept. Oct.
<i>Peziza badia</i> Pers.....	Sept. Oct.
<i>Peziza brunneoatra</i> Desm.	Sept. Oct.
<i>Peziza griseorosea</i> Ger.	Sept. Oct.
<i>Peziza repanda</i> Pers.	Sept. Oct.
<i>Peziza succosa</i> Berk.....	Sept. Oct.
<i>Peziza sylvestris</i> (Boud.) Sacc. and Trott.....	Sept. Oct.
<i>Peziza violacea</i> Pers.....	Sept. Oct.
<i>Plectania floccosa</i> (Schw.) Seaver.....	spring
<i>Plectania occidentalis</i> (Schw.) Seaver.....	spring
<i>Scodellina leporina</i> (Batsch) S. F. Gray.....	Sept. Oct.
<i>Sphaerospora brunnea</i> (Alb. and Schw.) Massee....	Sept. Oct.
<i>Sphaerospora hinnulea</i> (Berk. and Br.) Massee....	Sept. Oct.
<i>Urnula craterium</i> (Schw.) Fries.....	spring, summer, fall

ELVELACEAE

<i>Elvela albipes</i> Fuckel.....	Sept. Oct.
<i>Elvela atra</i> (Pers.) Boud.....	Sept. Oct.
<i>Elvela brevissima</i> Peck.....	Sept. Oct.
<i>Elvela caroliniana</i> (Bosc.) Nees.....	April
<i>Elvela crispa</i> (Scop.) Fries.....	Sept. Oct.

Elvela elastica Bull. Herb. Fr.....	Sept. Oct.
Elvela Klotzchiana Strum.....	Sept. Oct.
Elvela underwoodii Seaver.....	April
Morchella angusticeps Peck.....	April May
Morchella conica Pers.....	April May
Morchella crassipes (Vent.) Pers.....	April May
Morchella deliciosa Fries.....	April May
Morchella esculenta (L.) Pers.....	April May
Morchella hybrida (Sow.) Pers.....	April May
Leotia lubrica Pers.....	Aug. Sept.
Leotia chlorocephala Schw.....	Aug. Sept.
Geoglossum glabrum Pers.....	Oct.

The general opinion seems to be that fleshy ascomycetes are vernal. Most of this collection was made in the fall. The species of *Morchella*, large forms of *Elvela* (*E. caroliniana*, *E. underwoodii*), and six species of Pezizaceae were the only forms collected in spring. V. O. Graham,¹ Chicago reported *Peziza badia*, *P. sylvestris*, *P. repanda* and *P. violacea* as appearing in spring in the Chicago region. These species of *Peziza* were collected in September and October in Eastern Illinois. *Patella scutellata* also reported as a spring form by Graham was collected here in the fall. *Uromyza craterium* was found in spring, summer, and fall. It was more abundant in fall.

These specimens may be found in the herbarium at Eastern Illinois State Teachers College.

REFERENCES

- (1) GRAHAM, V. O., Ecology of Ascomycetes of the Chicago Region, Trans. Ill. State Acad. Sci. Vol. 25, 1933.
- (2) MASSIE, GEORGE, British Fungus-Flora, Vol. 4, 1895.
- (3) SEAVER, F. J., The North American Cup-fungi (Operculates), 1928.