

NOTES ON INDIANA GRASSES, 1932

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This is the first contribution of a series of annual reports on Indiana grasses previously unreported for the counties specified.

The nomenclature is that of Deam's Indiana Grasses, 1929.

The writer also gratefully acknowledges the checking of the species listed here by Mr. C. C. Deam. A specimen of each grass enumerated was deposited in the Butler University herbarium.

Agrostis hiemalis (Walter) BSP. DUBOIS COUNTY. Upland shady woods on Mr. August Mauntel's farm, about six miles southwest of Holland. MONROE COUNTY. Open waste land on Mr. Wm. Baxter's farm, ten miles southwest of Bloomington, Salt Creek Township.

Agrostis peremans (Walter) Tuckerman. HANCOCK COUNTY. Shady ravine, a beech-maple woods about a half mile west of McCordsville. LAWRENCE COUNTY. Along old road in an upland hardwoods. Two miles northeast of Tunnelton. MARION COUNTY. Moist shady hardwoods. Ten miles north of Oaklandon. MORGAN COUNTY. Wooded areas on cliff, also in shady places in a road cut. Five miles south of Martinsville. WASHINGTON COUNTY. Shady upland woods. Three miles south of Kosuth.

Alopecurus ramosus Poir. DUBOIS COUNTY. Along streams, in waste open places. Found very common in the Dillons Woods area.

Andropogon virginicus Linnaeus. CRAWFORD COUNTY. Waste, open fields on the Marengo Cave grounds.

Aristida longespica Poir. GREENE COUNTY. Open waste fields along roadsides. Ten miles southwest of Bloomington. LAWRENCE COUNTY. Open waste fields. Three miles northeast of Tunnelton. Growing in dense colonies.

Brachyelytrum erectum (Schreber) Beauvois. DUBOIS COUNTY. Dense upland woods, shaly soil. One mile west of St. Anthony.

Bromus commutatus Schrader. DUBOIS COUNTY. In fields, along roadways and ditches. Near Dillons Woods. MONROE COUNTY. Along ditches, edges of fields. Salt Creek Township, ten miles southeast of Bloomington.

Bromus tectorum Linnaeus. LAWRENCE COUNTY. Along railway embankment near Mitchell. MONROE COUNTY. Along ditches, edges of fields. Salt Creek Township, ten miles southeast of Bloomington.

Cinna arundinacea Linnaeus. CLAY COUNTY. Low wet ground. Twelve miles northeast of Linton. CRAWFORD COUNTY. Low places along stream. HANCOCK COUNTY. Open waste places in lowland woods. Half mile west of McCordsville.

Digitaria sanguinalis (L.) Scopoli. CRAWFORD COUNTY. On rocky sparsely vegetated uplands, waste fields, roadsides. On Marengo Cave grounds. DUBOIS COUNTY. Along railway tracks, roads. One mile

west of St. Anthony. MARION COUNTY. Open fields, waste places, roadsides. Ten miles north of Oaklandon.

Echinochloa crusgalli. (L.) Beauvois. DUBOIS COUNTY. Low ground in an open waste meadow. One mile west of St. Anthony. LAWRENCE COUNTY. Low wet place along old road in woods. Two miles northeast of Tunnelton.

Elyusine indica (L.) Gaertner. LAWRENCE COUNTY. Along railway tracks near Fort Ritner. MONROE COUNTY. Waste places along road near Cedar Cliffs.

Elymus canadensis Linnaeus. HANCOCK COUNTY. Along railway track close to ditch. Three miles west of McCordsville.

Elymus riparius Wieg. LAWRENCE COUNTY. Along edges of upland field. Three miles northeast of Tunnelton.

Elymus striatus Wildenow. WASHINGTON COUNTY. In upland woods. Three miles south of Kossuth.

Eragrostis pectinacea (Michaux) Nees. LAWRENCE COUNTY. Along railway tracks, sandy waste soil. Near Fort Ritner.

Eragrostis spectabilis (Pursh) Steudel. LAWRENCE COUNTY. Along an old road in shady woods. Also common in open fields. Two miles northeast of Tunnelton. WASHINGTON COUNTY. In open meadow. Three miles south of Kossuth.

Festuca elatior Linnaeus. MONROE COUNTY. Edge of narrow woodland road, rich alluvial soil along Allen Creek. Ten miles southeast of Bloomington.

Festuca octoflora Walter. DUBOIS COUNTY. Along open banks of streams, waste fields. Common in the Dillons Woods area.

Festuca octoflora var. *tenella* (Wied) Fernald. MONROE COUNTY. Open waste places on hillsides. Salt Creek Township. Near Mr. Wm. Baxter's farm.

Glyceria plicata Fries. Wet low ground, *Typha associates* along country road. Salt Creek Twp., Monroe County, 10 miles southeast of Bloomington.

Glyceria striata (Lamarek) Hitchcock. DUBOIS COUNTY. Along a low area of an old creek bed. Mr. August Mauntel's farm, six miles southwest of Holland.

Hordeum pusillum Nuttall. SPENCER COUNTY. Waste places along the road. Very obnoxious weed. Lincoln Memorial ground.

Leersia lenticularis Michaux. LAWRENCE COUNTY. Low swampy ground along Monon railway track near Fort Ritner.

Leersia oryzoides (Linnaeus) Swartz. MARION COUNTY. Muddy bottom of permanently wet ditch. Ten miles north of Oaklandon.

Leersia virginica Wildenow. HANCOCK COUNTY. Lowland woods along edge of intermittent creek. Half mile west of McCordsville. LAWRENCE COUNTY. Shady places along old road in open woods. Two miles northeast of Tunnelton. MORGAN COUNTY. Along edge of ditch, shady places. One mile south of Waverly.

Leptochloa filiformis (Lamarek) Beauvois. CRAWFORD COUNTY. In garden lot at Marengo.

Muhlenbergia mexicana (L.) Trinius. LAWRENCE COUNTY. Shady waste places along old road. Two miles northeast of Tunnelton. MARION COUNTY. Shady moist woods. Ten miles north of Oaklandon.

Muhlenbergia Schreberi J. F. Gmelin. HANCOCK COUNTY. Lowland woods half mile west of McCordsville. LAWRENCE COUNTY. Along shady road through open woods. Two miles northeast of Tunnelton. MARION COUNTY. Shady moist woods. Ten miles north of Oaklandon.

Muhlenbergia sobolifera (Muhlenberg) Trinius. CRAWFORD COUNTY. Rocky sparsely vegetated uplands on Marengo Cave grounds.

Panicum capillare Linnaeus. HANCOCK COUNTY. Open waste places in lowland woods and in fields. Ten miles north of Oaklandon. LAWRENCE COUNTY. In waste places along old roads in open woods. Two miles northeast of Tunnelton. MORGAN COUNTY. Along side of Highway 37. Five miles south of Martinsville.

Panicum dichotomiflorum Michaux. HAMILTON COUNTY. Along side of road on the Marion-Hamilton county line, near Jose-Dale estate.

Panicum implicatum Scribn. POSEY COUNTY. Open waste places, two miles west of Hovey Lake.

Panicum Gattingeri Nash. MONROE COUNTY. Low waste place, fallow field in Salt Creek Twp. Ten miles southeast of Bloomington.

Panicum philadelphicum Bernhardt. MONROE COUNTY. Along creek in Cascade Park. Rich alluvial soil. One mile north of Bloomington.

Panicum virgatum Linnaeus. HARRISON COUNTY. Along side of road, dry clay uplands. Three miles west of Salisbury.

Paspalum circulare Nash. DUBOIS COUNTY. Low moist meadow near edge of woods. One mile west of St. Anthony.

Paspalum pubescens Muhlenberg. LAWRENCE COUNTY. Along edge of road, waste places. Three miles northeast of Tunnelton. MARION COUNTY. Open dry hillside, waste ground. Ten miles north of Oaklandon.

Phleum pratense Linnaeus. POSEY COUNTY. Along side of road. Two miles west of Hovey's Lake.

Poa compressa Linnaeus. DUBOIS COUNTY. In yard of Mr. August Mauntel's farm. Six miles southwest of Holland.

Poa annua Linnaeus. MORGAN COUNTY. Along ditches in the Grassy Fork Fish Hatchery grounds, Martinsville.

Poa pratensis Linnaeus. MARTIN COUNTY. Open places in woods and fields. Near Shoals. MORGAN COUNTY. On grounds of the Grassy Fork Fish Hatchery, Martinsville. DUBOIS COUNTY. On farm of Mr. August Mauntel. Six miles southwest of Holland. In a shady place.

Setaria italica var. *Metzgeri* (Körnicke) Hubbard. LAWRENCE COUNTY. In waste places along railway right-of-way near Fort Ritner.

Setaria lutescens (Weigel) Hubbard. DUBOIS COUNTY. Low waste field, half mile west of St. Anthony. LAWRENCE COUNTY. Low meadow, one mile northeast of Fort Ritner.

Setaria virides (L.) Beauvois. MORGAN COUNTY. Along side of rocky cliff. Five miles south of Martinsville.

Sphenopholis obtusata (Michaux) Scribner. POSEY COUNTY. Along upland ditches near Hovey's Lake.

Sphenopholis pallens (Sprengel) Scribner. MORGAN COUNTY. In open places along ditches of the Grassy Fork Fish Hatchery, Martinsville.

