

Notes on Indiana Grasses, 1938, 1939

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

The nomenclature is that of Hitchcock's Manual of Grasses of the United States, 1935. The figures are J. E. Potzger's field numbers. Collections made by Ray C. Friesner are starred. All reports for Howard and Miami counties were made by Chas. M. Ek. A specimen of each grass reported here was deposited in the herbarium of Butler University.

Aegilops cylindrica Host., Howard (first report for the state).
Agropyron pauciflorum (Schwein) Hitchc., Howard. *Agropyron repens* (L.) Beauv., Howard, Tipton, 8135. *Agropyron Smithii* Rydb., Howard, Miami, Tipton, *10650, Steuben, 7964. *Agrostis alba* L., Howard. *Agrostis hiemalis* (Walter) B.S.P., Bartholomew, *10581, Howard, Switzerland, 7936. *Andropogon furcatus* Muhl., Howard. *Andropogon scoparius* Michaux, Howard. *Aristida longespica* Poir., Howard. *Aristida oligantha* Michaux, Howard. *Aristida purpurascens* Poir., Clinton, 8265. *Brachyelytrum erectum* (Schreber) Beauv., Howard. *Bromus commutatus* Schrad., Grant, *10961, Howard, Switzerland, 7928, Warren, *11105. *Bromus inermis* Leysser, Fulton, 8149. *Bromus latiglumis* (Shear.) Hitchc., Howard. *Bromus japonicus* Thunberg, Howard. *Bromus purgans* L., Steuben, 7969, Warren, *11103. *Bromus secalinus* L., Howard, Ripley, 7919, Switzerland, 7938, Warren, *10969, Fulton, 8150. *Bromus tectorum* L., Warren, *10994. *Calamagrostis canadensis* (Michaux) Beauv., Grant, *10806, Hamilton, *10618, Howard, Miami, Tipton, *10639. *Cenchrus pauciflorus* Benth., Howard. *Cinna arundinacea* L., Howard. *Cynodon Dactylon* (L.) Persoon, Howard, 8263. *Dactylis glomerata* L., Howard, Switzerland, 7926. *Danthonia spicata* (L.) Beauv., Howard, St. Joseph, 8158. *Diarrhena americana* Beauv., Howard. *Digitaria Ischaemum* Schreber, Howard, 8256. *Digitaria sanguinalis* (L.) Scopoli, Howard, Kosciusko, 8249, Tipton, *11713. *Echinochloa crusgalli* (L.) Beauv., Howard. *Eleusine indica* (L.) Gaertner, Howard, Miami, Tipton, *11739. *Elymus canadensis* L., Howard. *Elymus riparius* Wiegand, Howard, Miami. *Elymus villosus* Muhl., Switzerland, 7941. *Elymus virginicus* L., Howard, Jackson, *11685. *Eragrostis cilianensis* (Allioni) Link, Howard, 8260, Miami, Tipton, *11737. *Eragrostis frankii* Steudel, Kosciusko, 8242. *Eragrostis hypnoides* (Lamarck) B.S.P., Howard, 8266, Miami, 8267. *Eragrostis pectinacea* (Mx.) Nees, Howard, 8262, Tipton, *11736. *Eragrostis spectabilis* (Pursh) Steudel, Howard, Newton, 8037. *Festuca elatior* L., Howard, Ripley, 7921, Switzerland, 7932. *Festuca obtusa* Sprengle, Howard. *Glyceria septentrionalis* Hitchc., Howard. *Glyceria striata* (Lam.) Hitchc., Grant, *10807, Howard, Warren, *11026. *Hordeum jubatum* L., Grant, *10836, Howard, Warren, *11037. *Hystrix patula* Moench, Howard, Warren, *11097. *Leersia oryzoides* Swartz, Howard, St. Joseph, 8237. *Leersia virginica* Willd., Howard, 8168. *Muhlenbergia foliosa* Trinius, Howard. *Muhlenbergia mexicana* (L.) Trin., How-

ard. *Muhlenbergia Schreberi* J. F. Gmelin, Howard, Dearborn, *11753. *Muhlenbergia sobolifera* (Muhlenberg) Trin., Tipton, *11694. *Muhlenbergia tenuiflora* (Willd.) B.S.P., Howard. *Panicum clandestinum* L., Howard. *Panicum dichotomum* L., Switzerland, 7924. *Panicum dichotomiflorum* Michaux, Howard. *Panicum Gattingeri*, Nash, Kosciusko, 8241. *Panicum huachucae* Ashe, Allen, 7958, Blackford, *10936, Fulton, 8146, Howard, Hamilton, *10621, Noble, 8007, St. Joseph, 8163, Switzerland, 7925, Warren, *11012, Wells, *10910. *Panicum latifolium*, Mx., Fulton, 8148, Howard, Warren, *11084. *Panicum leibergii* (Vasey) Scribn., Tipton, *10651. *Panicum lindheimeri* Nash, Cass, 7940. *Panicum linearifolium* Scribn., Bartholomew, *10577a, St. Joseph, 8159, Steuben, 7974, Warren, *11067. *Panicum sphaerocarpon* Ell., Steuben, 7987. *Panicum microcarpon* Muhl., Cass., 7940. *Panicum Scribnerianum* Nash, Howard. *Panicum spretum* Schult., Cass, 7947. *Panicum virgatum* L., Howard, 8279, Ripley, *11792. *Panicum Werneri* Scribn., Montgomery, 8133, Warren, *11067. *Phalaris arundinacea* L., Howard. *Phleum pratense* L., Howard, Ripley, 7920, Switzerland, 7934. *Poa annua* L., Howard. *Poa compressa* L., Allen, 7960, Switzerland, 7939, Warren, *11002. *Poa palustris* L., Howard, Steuben, 7976. *Poa pratensis* L., Switzerland, 7927. *Setaria Italica* (L.) Beauv., Howard. *Setaria lutescens* (Weigel) Hubbard, Howard. *Setaria verticillata* (L.) Beauv., Cass, Howard. *Setaria viridis* (L.) Beauv., Howard, Warren, *10970. *Sorghastrum nutans* (L.) Nash, Howard. *Sorghum halepense* (L.) Persoon, Howard, Ripley, *11785. *Spartina pectinata* Link, Howard, Miami. *Sporobolus asper* (Michaux) Kunth, Howard. *Sporobolus cryptandrus* (Torr.) A. Gray, Newton, 8048. *Sporobolus neglectus* Nash, Howard, Tipton, *11715. *Sporobolus vaginaeflorus* (Torr.) Wood, Howard, Tipton, *11735. *Triodia flava* (L.) Hitchc., Dearborn, *11773, Howard, 8273.