

Indiana Plant Distribution Records, XII. 1951

Genera are listed in the order used in Deam: Flora of Indiana, and species are given alphabetically within the genera. Symbols following the county in which specimens were collected indicate the herbaria in which confirming specimens have been deposited. Entities listed for the first time for the state are given in bold face followed by literature references and name of collector. Nomenclature is in accordance with that of Gray's Manual of Botany, 8 ed., 1950.

Specimens for entities listed below have been placed in one or more of the following herbaria and have been collected by the following collectors: Ball State Teachers College (BS): Mrs. Marion Rector; Butler University (B); Charles C. Deam, Ray C. Friesner, J. Johanna Jones, Jack McCormick, J. E. Potzger, and F. A. Swink; Deam Herbarium (D); Charles C. Deam and R. C. Friesner; Franklin College (Fr): Naomi Mullendore Hougham; Wabash College (W): A. R. Bechtel, W. W. Chipman, and D. B. Ward.

The Committee maintains a card file showing the published distribution of each taxonomic entity within the state. Botanical workers needing such information may obtain distribution maps of any entity recorded in the Flora, or subsequently added in these reports, by requesting same from the secretary of this committee.

Taxonomic Entities

Botrychium dissectum, Hendricks (B). *B. d. f. obliquum*, Delaware (B), Madison (B). *Cystopteris fragilis* v. *protusa*, Boone (B), Clinton (B), Delaware (B). *Onoclea sensibilis*, Boone (B), Clinton (B). *Polystichum acrostichoides*, Clinton (B.) *Athyrium filix-femina* v. *asplenoides*, Boone (B). *A. pycnocarpon*, Union (B). *Adiantum pedatum*, Shelby (B). *Dennstaedtia punctilobula*, Fountain (B). *Equisetum hyemale* v. *intermedium*, Montgomery (B).

Taxodium distichum, Gibson (B). *Bromus inermis*, Fountain (B), Montgomery (B). *B. latiglumis*, Dearborn (B). *B. secalinus*, Parke (B). *Vulpia octoflora* v. *tenella*, Montgomery (W). *Poa compressa*, Dearborn (B). *Dactylis glomerata*, Fountain (B), Parke (B). *Elymus villosa*, Ripley (B). *E. virginicus*, Dearborn (B). *Hystrix patula* v. *bigloviana*, Owen (B). *Agrostis alba*, Dearborn (B), Switzerland (B). *A. hiemalis*, Fountain (B). *Phleum pratense* f. *viviparum* (S. F. Gray) Louis-Marie. Gray Man. 8 ed. p. 165. Montgomery (B). Collected by Jack McCormick. *Aristida longespica*, Switzerland (B). *Paspalum circulare*, Switzerland (B). *Panicum clandestinum*, Fountain (B). *P. dichotomiflorum* v. *geniculatum* (Wood) Fern. Gray Man. 8 ed. p. 206. Montgomery (B). Collected by Jack McCormick. *P. dichotomum*, Fountain (B). *P. huachucae*, Dearborn (B). *P. linearifolium*, Dearborn (B). *Setaria viridis*, Fountain (B).

Arisaema atrorubens f. *viride*, Greene (B). *A. a. f. zebrina*, Greene (B). *A. dracontium*, Clinton (B), Hendricks (B). *Commelina communis*, Parke (B). *Uvularia grandiflora*, Union (B). *Allium canadense*, Fayette (B). *A. tricoccum*, Shelby (B), Union (B). *A. vineale*, Henry (B). *Smilacina racemosa* v. *cylindrata*, Clinton (B), Madison (B), Union (B). *Polygonatum pubescens*, Boone (B), Clinton (B), Madison (B), Union (B). *Smilax lasioneura*, Boone (B), Madison (B). *Hypoxis hirsuta*, Delaware (BS). *Dioscorea villosa*, Fountain (B), Shelby (B). *Sisyrinchium angustifolium*, Henry (B). *Orchis spectabilis*, Shelby (B). *Liparis lilifolia*, Union (B). *Aplectrum hiemale*, Fountain (B).

Populus deltoides, Fountain (B). *Carya cordiformis*, Boone (B). *C. glabra*, Fountain (B). *C. laciniosa*, Fountain (B). *C. ovalis*, White (B). *C. ovata*, Harrison (B). *Ostrya virginiana* f. *glandulosa*, Boone (B), Clinton (B), Montgomery (B). *Fagus grandifolia* f. *pubescens* Fern. & Rehd. Gray Man. 8 ed. p. 540. Hendricks (B), Henry (B), Randolph (B), Ripley (B). Collected by R. C. Friesner and Johanna Jones. *Quercus alba*, Adams (B). *Q. bicolor*, Adams (B), Boone (B), Fountain (B). *Q. coccinea*, Cass (B), Lagrange (B), Montgomery (W). *Q. c. v. tuberculata*, Elkhart (B, D). *Q. imbricaria*, Lake (B). *Q. macrocarpa*, Fountain (B). *Q. palustris*, Boone (B), Fountain (B). *Q. shumardii*, Fountain (B), White (B). *Ulmus rubra*, Fountain (B). *Celtis occidentalis*, Henry (B). *C. o. v. pumila*, Fountain (B). *Urtica dioica* v. *procera*, Delaware (BS). *Laportea canadensis*, Delaware (BS). *Boehmeria cylindrica*, Hendricks (B), Union (B).

Asarum canadense, Madison (B). *Aristolochia serpentaria*, Boone (B), Clinton (B), Henry (B), Union (B). *Rumex obtusifolius*, Fountain (B). *R. verticillatus*, Clinton (B). *Polygonum aviculare*, Fountain (B), Parke (B). *Tovara virginiana*, Fountain (B). *Fagopyrum sagittatum*, White (B). *Chenopodium album*, Delaware (BS), Fountain (B). *Antriplex patula*, Parke (B). *Kochia scoparia*, Lake (B). *Amaranthus hybridus*, Delaware (BS). *Mollugo verticillatus*, Fountain (B). *Stellaria media*, Marion (B). *Cerastium nutans*, Daviess (B). *C. vulgatum* v. *hirtum*, Greene (B), Henry (B), Union (B). *C. v. v. h. f. glandulosum*, Greene (B). *Sagina decumbens*, Greene (B). *Arenaria serpyllifolia*, Daviess (B), Greene (B), Shelby (B). *Silene antirrhina* f. *apetala*, Jasper (B). *S. stellata* v. *scabrella*, Fountain (B). *S. virginica*, Union (B). *Lychis alba*, Madison (B). *Dianthus armeria*, Henry (B).

Hydrastis canadensis, Clinton (B), Randolph (B), Union (B). *Anemone virginiana*, Fountain (B). *Anemonella thalictroides*, Hendricks (B). *Hepatica acutiloba*, Boone (B). *Ranunculus abortivus*, Daviess (B). *R. acris*, Henry (D, B). *R. hispidus*, Hendricks (B). *R. sceleratus*, Wells (B, BS). *R. septentrionalis*, Boone (B), Daviess (B). *Menispermum canadense*, Boone (B). *Asimina triloba*, Clinton (B). *Lindera benzoin*, Clinton (B), Delaware (B), Fountain (B), Madison (B). *Sanquinaria canadensis*, Boone (B), Clinton (B). *Lepidium campestre*, Henry (B). *L. densiflorum* v. *typicum*, Clinton (B). *L. virginicum*, Franklin (B). *Sisymbrium altissimum*, Franklin (B). *S. officinale*, Delaware (B), Fayette (B). *S. o. v. leiocarpum*, Fountain (B), Shelby

(B). *Arabidopsis thaliana*, Daviess (B), Greene (B) *Brassica kaber* v. *pinnatifida*, Montgomery (W). *Barbarea vulgaris* v. *arcuata*, Henry (B). *Rorippa islandica* v. *fernaldiana*, Fountain (B), Owen (B). *Capsella bursa-pastoris*, Daviess (B.) *Draba brachycarpa*, Daviess (B), Greene (B). *Draba verna*, Daviess (B). Greene (B). *Descurainia pinnata* v. *brachycarpa*, Daviess (B), Greene (B). *Sibara virginica*, Daviess (B).

Penthorum sedioides, Fountain (B), Owen (B). *Mitella diphylla* f. *oppositifolia*, (Rydb.) Rosend. Gray Man. 8 ed. p. 744. Montgomery (B). Collected by R. C. Friesner. *Hydrangea arborescens*, Fountain (B). *Rubus allegheniensis*, Montgomery (B). *R. flagellaris*, Montgomery (B). *R. occidentalis*, Parke (B). *R. o. f. pallidus*, Hamilton (B). *Potentilla norvegica*, Fountain (B), Parke (B). *P. recta*, Shelby (B). *P. simplex* v. *typica*, Clinton (B), Union (B). *Geum laciniatum*, Henry (B), Wayne (B). *G. virginianum*, Parke (B). *Agrimonia gryposepala*, Clinton (B). *A. pubescens*, Boone (B). *A. rostellata*, Clinton (B). *Rosa carolina*, Union (B). *Prunus americana*, Daviess (B, D), Greene (B, D), Ripley (D). *P. angustifolia*, Boone (B), Hendricks (B). *Ribes cynosbati* f. *inorme* Rehd. Gray Man. 8 ed. p. 749. Montgomery (B). Collected by Jack McCormick.

Gleditsia triacanthos, Delaware (BS). *Medicago lupulina*, Marion (B), Wayne (B). *M. sativa*, Shelby (B). *Melilotus alba*, Hamilton (B). *M. officinalis*, Hamilton (B), Wayne (B). *Trifolium hybridum* v. *elegans*, Fountain (B), Montgomery (B), Shelby (B). *T. pratense*, Shelby (B), White (B). *T. procumbens*, Lake (B). *T. repens*, Parke (B), Shelby (B). *Desmodium glutinosum*, Hendricks (D). *D. g. f. chandonnetti* (Lunell) Schub. Gray Man. 8 ed. p. 918. Fountain (B). Collected by Jack McCormick. *D. nudiflorum*, Fountain (B). *D. n. f. foliolatum* (Farwell) Fassett. Gray Man. 8 ed. p. 918. Montgomery (B). Collected by Jack McCormick. *D. n. f. personatum* Fassett. Gray Man. 8 ed. p. 918. Montgomery (B). Collected by Jack McCormick. *D. paniculatum*, Clinton (B). *Lespedeza cuneata* (Dumont) G. Don. Gray Man. 8 ed. p. 927. Crawford (B), Montgomery (B), Parke (B). Collected by R. C. Friesner, Johanna Jones, and Jack McCormick. *L. intermedia*, Montgomery (W). *L. stipulacea*, Fountain (B), Montgomery (B). *Amphicarpa bracteata*, Fountain (B), Hendricks (B).

Geranium maculatum, Clinton (B). *Oxalis europea* f. *cymosa*, Montgomery (B). *O. e. f. villicaulis*, Fountain (B). *Linum medium* v. *texanum*, Fountain (B). *Xanthoxylum americanum*, Fountain (B). *Croton monanthogynus*, Henry (B). *Euphorbia marginata*, Montgomery (B). *Floerkea proserpinacoides*, Hendricks (B). *Rhus radicans* f. *negundo*, Hendricks (B), Shelby (B). *Euonymus atropurpureus*, Fayette (BS). *Acer rubrum* f. *tomentosum* (Desf.) Dansereau. Gray Man. 8 ed. p. 987. Fountain (B). Collected by Jack McCormick. *Impatiens pallida*, Fountain (B). *Parthenocissus quinquefolia*, Clinton (B). *Abutilon theophrasti*, Delaware (BS). *Mulva neglecta*, Delaware (BS). *Sida spinosa*, Delaware (BS). *Hibiscus trionum*, Fountain (B), Jay (D). *Hypericum mutilum*, Shelby (B). *Viola pensylvanica*, Boone (B), Fountain (B), Hendricks (B), Union (B). *V. p. v. leiocarpa*, Boone (B),

Clinton (B.), Fountain (B), Henry (B), Madison (B), Randolph (B), Union (B). *V. papilionacea*, Hendricks (B). *V. striata*, Boone (B). *V. triloba*, Randolph (B).

Oenothera perennis, Montgomery (W). *Oe. biennis* v. *pycnocarpa*, Parke (B). *Circaea quadrisulcata* v. *canadensis*, Madison (B). *Panax quinquefolius*, Shelby (B), Union (B). *Sanicula canadensis* v. *typica*, Clinton (B). *Eryngium yuccifolium*, Montgomery (W). *Osmorhiza claytoni*, Boone (B), Shelby (B). *O. longistylis*, Madison (B). *Eriogonum bulbosa*, Hendricks (B). *Cryptotaenia canadensis*, Clinton (B). *Thaspium trifoliatum* v. *flavum*, Union (B). *Pastinaca sativa*, Shelby (B), Wayne (B). *Daucus carota* f. *eupurpurata*, Parke (B). *Cornus drummondii*, Daviess (B). *C. florida*, Clinton (B). *C. obliqua*, Parke (B). *Nyssa sylvatica* v. *caroliniana*, Adams (D, B). *Chimaphila maculata*, Fountain (B). *Lysimachia lanceolata*, Montgomery (B). *Diosyros virginiana* v. *pubescens* (Pursh) Dippel. Gray Man. 8 ed. p. 1145. Montgomery (B). Collected by Jack McCormick. *Fraxinus pennsylvanica* v. *subintegerrima*, Jay (D). *Apocynum cannabinum*, Delaware (B). *Asclepias incarnata*, Delaware (BS).

Ipomoea hederacea, Delaware (BS). *Phlox divaricata*, Hendricks (B). *Polemonium reptans*, Boone (B). *Hydrophyllum appendiculatum*, Greene (B). *H. canadense*, Fountain (B). *H. macrophyllum*, Hendricks (B). *H. virginianum*, Clinton (B), Madison (B). *Phacelia bipinnatifida*, Greene (B). *P. purshii*, Daviess (B). *Lithospermum arvense*, Daviess (B), Ripley (D). *Verbena canadensis*, Blackford (BS), Delaware (BS). *V. urticifolia* v. *leiocarpa*, Fountain (B). *Scutellaria incana*, Fountain (B). *Nepeta cataria*, Delaware (BS), Fountain (B). *Prunella vulgaris* f. *albiflora* (Borgenh.) Britt. Gray Man. 8 ed. p. 1225. Montgomery (B). Collected by Jack McCormick. *Physostegia virginica* v. *speciosa*, Daviess (B). *Stachys tenuifolia*, Delaware (BS). *Monarda clinopodia*, Fountain (B). *Blephilia hirsuta*, Fountain (B). *Pycnanthemum flexuosum*, Hamilton (B). *Lycopus rubellus*, Owen (B). *L. virginicus*, Hendricks (B), Montgomery (B). *Mentha arvensis* v. *villosa* f. *glabrata* Montgomery (B). *M. spicata*, Delaware (BS). *Collinsonia canadensis*, Clinton (B), Shelby (B). *Perilla frutescens* v. *crispa*, Fountain (B), Johnson (Fr).

Physalis subglabrata, Delaware (BS). *Solanum carolinense* f. *albiflorum* Benke. Gray Man. 8 ed. p. 1254. Fountain (B), Montgomery (B). Collected by Jack McCormick, *Datura stramonium*, Delaware (BS). *Linaria vulgaris*, Henry (B). *Chaenorrhinum minus*, Henry (B), Shelby (B). *Penstemon digitalis*, Henry (B). *Veronica arvensis*, Greene (B). *Conopholis americana*, Fountain (B). *Epifagus virginiana*, Hendricks (B). *Ruellia humilis* v. *expansa*, White (B). *R. h.* v. *frondosa*, Henry (B). *Phryma leptostachya*, Boone (B), Fountain (B). *Plantago aristata*, Fountain (B). *P. indica*, Lake (B). *P. virginica*, Daviess (B). *Houstonia caerulea*, Montgomery (W). *H. purpurea*, Union (B). *Galium circaeans* v. *hypomalacum*, Boone (B), Clinton (B), Madison (B). *G. mollugo*, Wayne (B). *G. obtusum*, Boone (B), Clinton (B). *G. triflorum*, Boone (B), Hendricks (B). *Viburnum molle*, Crawford (B). *Triosteum aur-*

antiacum, Boone (B). *Lonicera canadensis*, Steuben (D, B). *Campanula americana* v. *illinoense* (Fresn.) Farwell. Gray Man. 8 ed. p. 1352. Montgomery (B). Collected by Jack McCormick. *Specularia perfoliata*, Union (B). *Lobelia cardinalis*, Shelby (B). *L. spicata* v. *originalis*, Henry (B).

Vernonia altissima, Delaware (BS). *V. missurica*, Greene (B). *Eupatorium altissimum*, Greene (B). *E. purpureum*, Shelby (B). *E. rugosum* v. *tomentellum* (Robbins) Blake. Gray Man. 8 ed. p. 1369. Montgomery (B). Collected by Jack McCormick. *Kuhnia eupatorioides* v. *corymbulosa*, Montgomery (B). *Solidago ceasia*, Boone (B). *S. c. f. axillaris*, Randolph (B). *S. flexicaulis*, Boone (B), Shelby (B). *S. graminifolia* v. *nuttallii*, Fountain (B). *S. Xulmicaesia*, Montgomery (B). *Aster azureus* f. *laevicaulis* Fern. Gray Man. 8 ed. p. 1424. Benton (B), Cass (B), Elkhart (B), Jasper (B), Lake (B), La Porte (B), Newton (B), Porter (B), Starke (B), White (B). Collected by Floyd Swink, R. C. Friesner, Charles C. Deam, and J. E. Potzger. *A. cordifolius*, Boone (B), Clinton (B). *A. lateriflorus*, Boone (B), Clinton (B), Fountain (B), Hendricks (B). *A. ontarionis*, Clinton (B), *A. pilosus*, Fountain (B). *A. sagittifolius*, Fountain (B). *A. s. v. urophyllus*, Whitley (B). *Erigeron annuus*, Wayne (B). *Polymnia canadensis*, Fountain (B). *Ambrosia artemisiifolia* v. *elatior* f. *villosa*, Daviess (B). *Eclipta alba*, Fountain (B). *Rudbeckia hirta*, Parke (B). *R. triloba*, Owen (B). *Helianthus decapetalus*, Boone (B), Jay (D), Randolph (B). *H. divaricatus*, Greene (B). *H. giganteus*, Greene (B). *H. petiolaris*, Delaware (BS). *Actinomeris alternifolia*, Daviess (B). *Coreopsis tripteris*, Greene (B). *Bidens comosa*, Fountain (B). *B. connata* v. *petiolata*, Delaware (BS).

Matricaria matricarioides, Wayne (B). *Artemisia annua*, Fountain (B). *Erechtites hieracifolia* v. *praealta*, Montgomery (B). *Cacalia atriplicifolia*. Fountain (B). *Senecio obovatus*, Fayette (B). *Arctium minus*, Delaware (BS). *Cirsium discolor* f. *albiflorum* (Britt.) House. Gray Man. 8 ed. p. 1541. Fountain (B). Collected by Jack McCormick. *Cichorium intybus*, Ripley (B). *C. i. f. roseum* Neum. Gray Man. 8 ed. p. 1547. White (B). Collected by Jack McCormick. *Taraxacum erythrospermum*, Montgomery (B). *T. officinale*, Parke (B). *Sonchus asper*, Delaware (BS). *Lactuca canadensis* v. *latifolia*, Fountain (B), Montgomery (B). *L. c. v. longifolia*, Clinton (B). *L. c. v. typica*, Parke (B). *L. floridana*, Clinton (B), Hendricks (B), Henry (B), Montgomery (B), Shelby (B), Union (B). *L. f. v. villosa*, Hendricks (B), Jay (D), Randolph (B), Union (B). *L. scariola*, Fountain (B). *Prenanthes altissima*, Boone (B), Clinton (B), Fountain (B), Hendricks (B), Henry (B). *P. a. v. cinnamomea* Fern. Gray Man. 8 ed. p. 1562. Montgomery (B). Collected by Jack McCormick.

State Flora Committee: CHARLES C. DEAM, *Chairman*
 T. G. YUNCKER
 RAY C. FRIESNER, *Secretary*