

Indiana Plant Distribution Records, XVIII. 1959-1961.

Genera are listed in the order of their appearance in Deam's Flora of Indiana, species within each genus are in alphabetical order, and are followed by the name of the county in which they were collected. Entities considered worthy of being newly listed as part of the state's natural or adventive flora are given in bold face followed by the literature reference and name of the collector. Nomenclature is, with a few exceptions, in accord with that used in Gray's Manual of Botany, 8 ed. 1950. In the case of the exceptions, the Gray's Manual name is given parenthetically.

The specimens have been collected by the following collectors: (where they have contributed most records of a certain county or taxonomic group, this is indicated in parentheses after their name) Phyllis Barrett, Marvin R. Bell, Joyce Bruening, J. J. Choper, Andre F. Clewell, Carol Davidson (Pike Co.), Paul A. Davis, Carolyn DeWolf, Thomas Dick (Dubois Co.), Zoe Ellis, Greta Eyth, Gustav W. Hall, C. B. Heiser Jr., Connie M. Hostetler, Jack E. Humbles, F. Kirsch, F. L. Langford (Davies Co.), Don Mahoney (Marshall Co.), Samuel I. Matsunami, Ruth W. McAlister, Louise D. Moss, Jack R. Munsee, R. T. Neher, Gertrude Reynolds (Orange Co.), William Sanders, E. Schlebecker, G. R. Stangl, Helene Starcs (*Carex*), Warren P. Stoutamire (ferns), S. Trinandwan, John L. White, Carol Wilson, and Umpai Yongboonkird.

Records from Spencer County were contributed from the Henrietta Herbarium of St. Meinrad Archabbey, St. Meinrad, Indiana, by the following collectors: K. Bechert, J. Bonifas, J. Butler, L. Crawford, E. DeSabato, Martin Donnelly, William Francis, Fabian Frieders O.S.B., David Grimes, S. Guy, Henry Herpel, Jim Hill, Blanche Hutton, Landwerlen, Clovis May, Jean McClellan, J. McIntosh, Maurice E. Meyers, P. Mislivec, Harry Moore, R. Norwood, P. Pyatt, Scharf, Damina Schmelz O.S.B., B. Stanton, Lucille Temple, Vamos, and Marie Wright.

Voucher specimens for all the new records are in the herbarium of Indiana University.

Taxonomic Entities

Dryopteris intermedia (*D. spinulosa* var. *intermedia*), Owen. *D. thelypteris* var. *pubescens*, Madison. *Dennstaedtia punctilobula*, Owen. *Athyrium thelypteroides*, Spencer. *Asplenium montanum* Willd. (see Amer. Fern. Journ. v. 46, no. 2, pp. 94-95. 1956.), Owen. Collected by Dale M. Smith. *A. trichomanes*, Owen. *Typha angustifolia*, Monroe. *T. latifolia*, Madison, Randolph, Spencer. *Sagittaria latifolia*, Pike. *Anacharis canadensis*, Spencer. *Vallisneria americana*, Brown. *Poa wolfii*, Randolph. *Dactylis glomerata*, Pike. *Deschampsia caespitosa*, Madison, Marion. *Muhlenbergia racemosa*, Madison. *Brachyelytrum erectum*, Madison. *Panicum clandestinum*, Randolph. *Andropogon scoparius* var. *scoparius*, Madison. *Sorghastrum nutans*, Madison. *Cyperus flavescens*, Monroe. Morgan. *C. ovularis*, Monroe.

Carex albursina, Rush. *C. amphibola* var. *rigida*, Bartholomew. *C. a. var. turgida*, Hancock. *C. blanda*, Randolph. *C. bromioides*, Madison. *C. buxbaumii*, Randolph. *C. careyana*, Owen. *C. cephaloidea*, Rush. *C. communis*, Hendricks, Rush. *C. conjuncta*, Randolph. *C. convoluta*, Rush. *C. crinita*, Clark. *C. cristatella*, Brown, Randolph. *C. crus-corvi*, Bar-

tholomew, Randolph. *C. davisii*, Cass, Hendricks, Madison, Randolph, Rush. *C. digitalis*, Parke. *C. emoryi*, Madison. *C. festucea*, Bartholomew. *C. Frankii*, Rush, Union. *C. gracilescens*, Bartholomew. *C. granularis*, Randolph, Union. *C. gravis* var. *lunelliana*, Union. *C. grayii*, Randolph. *C. g.* var. *hispidula*, Owen. *C. hirsutella*, Bartholomew. *C. hitchcockiana*, Rush. *C. hyalinolepis*, Bartholomew, Madison. *C. hystricina*, Madison.

Carex incompta, Madison. *C. interior*, Henry, Randolph. *C. jamesii*, Madison, Rush. *C. laevivaginata*, Henry, Madison, Rush. *C. lacustris*, Randolph. *C. lanuginosa*, Madison, Randolph. *C. laricina* (*C. cephalantha*), Madison. *C. laxiculmis*, Henry, Madison, Parke. *C. laxiflora*, Madison, Parke, Union. *C. leavenworthii*, Hancock, Rush, Union. *C. leptalea*, Henry, Randolph. *C. lurida*, Henry, Union. *C. meadii*, Cass, Madison, Randolph. *C. mesochorea*, Rush. *C. molesta*, Hancock. *C. muhlenbergii* var. *enervis*, Martin. *C. normalis*, Hancock. *C. oligocarpa*, Rush. *C. prairea*, Madison, Randolph. *C. rosea*, Hancock, Hendricks, Rush. *C. shortiana*, Randolph, Rush. *C. sparganioides*, Hendricks, Union. *C. sterilis*, Madison, Randolph. *C. stipata*, Henry, Morgan, Randolph. *C. stricta* var. *strictior*, Madison, Randolph. *C. suberectum*, Madison. *C. swanii*, Martin. *C. tribuloides*, Bartholomew. *C. vulpinoidea*, Union. *C. willdenowii*, Parke.

Peltandra virginica, Monroe. *Arisaema atrorubens*, Lawrence, Monroe. *A. dracontium*, Morgan, Randolph. *Commelina diffusa*, Pike. *Juncus acuminatus*, Bartholomew, Martin. *J. biflorus*, Jackson. *J. diffusissimus*, Bartholomew. *J. dudleyi*, Randolph, Union. *J. tenuis*, Rush. *J. t.* var. *anthelatus*, Bartholomew. *Luzula echinata*, Monroe, Spencer. *Veratrum woodii*, Monroe. *Hemerocallis fulva*, Owen. *Allium cernuum*, Madison. *Lilium michiganense*, Brown. *Erythronium americanum*, Greene. *Asparagus officinalis*, Pike, Ripley. *Polygonatum biflorum*, Madison, Owen. *P. canaliculatum*, Monroe. *Trillium gleasoni* (*T. flexibis*), Spencer. *Smilax pulverulenta*, Brown. *Dioscorea hirticaulis*, Monroe. *D. villosa*, Randolph. *Sisyrinchium albidum*, White. *Habenaria lacera*, Monroe. *Spiranthes ovalis*, Monroe. *Calopogon pulchellus*, Madison. *Corallorhiza odontorhiza*, Monroe. *Tipularia discolor*, Monroe. *Aplectrum hyemale*, Greene.

Juglans cinerea, Orange. *Carpinus caroliniana* var. *virginiana*, Randolph. *Ostrya virginiana*, Randolph. *Corylus americana*, Orange. *Fagus grandifolia*, Jackson. *Celtis occidentalis* var. *canina*, Randolph. *Morus alba* var. *tatarica*, Clinton. *Laportea canadensis*, Owen. *Boehmeria cylindrica*, Madison. *Asarum reflexum*, Spencer. *Aristolochia serpentaria*, Owen. *Polygonum hydropiperoides*, Monroe. *P. sagittatum*, Spencer. *Chenopodium album*, Daviess. *Cycloloma atriplicifolium*, Monroe. *Amaranthus hybridus*, Spencer. *A. spinosus*, Orange. *Mirabilis nyctaginea*, Daviess. *Phytolacca americana*, Pike. *Stellaria pubera*, Martin. *Holosteum umbellatum*, Owen. *Agrostemma githago*, Spencer. *Silene stellata*, Madison. *S. virginica*, Marshall. *Dianthus armeria*, Owen. *Cabomba caroliniana*, Jackson. *Brasenia schreberi*, Brown. *Nuphar advena*, Monroe.

Isopyrum bitermum, Spencer. *Aquilegia canadensis*, Owen. *Delphinium tricorne*, Brown. *Hepatica acutiloba*, Morgan. *Ranunculus abortivus*, Orange. *R. pennsylvanicus*, Owen. *R. septentrionalis*, Marshall. *R. s.* var. *caricetorum*, Ripley. *Magnolia acuminata*, Hancock. *Sassafras albidum*, Pike. *Sanguinaria canadensis*, Owen, Spencer. *Dicentra cana-*

densis, Decatur, Lawrence, Spencer. *D. cucullaria*, Spencer. *Corydalis flavula*, Monroe. *Lepidium campestre*, Union. *L. virginicum*, Pike, Rush. *Thlaspi perfoliatum*, Dearborn. *Barbarea vulgaris*, Spencer. *Iodanthus pinnatifidus*, Madison. *Armoracia aquatica*, Greene. *Dentaria diphylla*, Spencer. *D. heterophylla*, Spencer. *D. laciniata*, Greene. *Draba verna*, Orange. *Polanisia graveolens*, Marshall. *Drosera rotundifolia*, Randolph. *Saxifraga pennsylvanica*, Madison. *Parnassia glauca*, Madison. *Ribes americanum*, Madison.

Platanus occidentalis, Floyd, Jennings, Morgan, Randolph, Washington. *Potentilla fruticosa*, Madison. *P. recta*, Spencer. *Cassia hebecarpa*, Madison. *C. nictitans*, Elkhart. *Gleditsia triacanthos*, Decatur, Ripley. *Gymnocladus dioica*, Jennings. *Medicago sativa*, Pike. *Melilotus officinalis*, Spencer. *Trifolium pratense*, Pike, Spencer. *T. procumbens*, Pike. *T. repens*, Spencer. *Apios americana*, Madison. *Oxalis europaea*, Monroe. *O. stricta*, Spencer. *Xanthoxylum americanum*, Madison. *Ptelea trifoliata*, Madison. *Polygala sanguinea* f. *albiflora*, Dubois. *Acer negundo*, Floyd. *A. rubrum*, Spencer. *A. saccharinum*, Clinton, Decatur, Jennings, Orange. *A. saccharum*, Spencer. *Parthenocissus quinquefolia*, Randolph. *Ampelopsis cordata*, Monroe, *Abutilon theophrasti*, Spencer. *Viola kitaibeliana* var. *rafineskii*, Spencer.

Lythrum salicaria, Brown. *Epilobium leptophyllum*, Randolph. *Eriogonja bulbosa*, Greene, Owen. *Cryptotaenia canadensis*, Morgan. *Taenidia integerrima*, Madison. *Pastinaca sativa*, Pike. *Daucus carota*, Pike. *Cornus alternifolia*, Madison. *C. stolonifera*, Morgan. *Vaccinium stamineum* var. *neglectum*, Spencer. *Samolus parviflorus*, Randolph. *Lysimachia longifolia* (*L. quadriflora*), Madison, Monroe. *Apocynum cannabinum*, Brown. *Asclepias perennis*, Monroe. *A. tuberosa*, Morgan, Orange. *Ampelamus albidus*, Pike. *Cuscuta campestris*, Monroe. *Convolvulus sepium*, Randolph. *Ipomoea hederacea*, Spencer. *Phlox glaberrima*, Monroe. *Phacelia bipinnatifida*, Ripley. *Mertensia virginica*, Spencer. *Verbena canadensis*, Spencer. *Marrubium vulgare*, Pike.

Solanum carolinense, Pike. *S. nigrum*, Daviess. *Datura stramonium*, Daviess, Dubois, Marshall, Orange, Pike. *Verbascum thapsus*, Pike, Spencer. *Pedicularis canadensis*, Madison. *Campsis radicans*, Orange. *Catalpa bignonioides*, Brown. *C. speciosa*, Spencer. *Conopholis americana*, Madison. *Ruellia humilis* var. *expansa*, Daviess. *R. strepens*, Greene. *Plantago lanceolata*, Pike, Spencer. *Galium aparine*, Brown. *Sambucus canadensis*, Brown, Randolph. *Viburnum lentago*, Madison. *Lonicera japonica*, Pike, Spencer. *Valeriana pauciflora*, Spencer. *Specularia perfoliata*, Spencer. *Lobelia cardinalis*, Randolph. *L. kalmii*, Madison.

Eupatorium sessilifolium, Monroe. *Solidago ohioensis*, Madison. *Eriogon ramosus* (*E. strigosus*), Spencer. *Silphium laciniatum* var. *robinsonii*, Monroe. *S. terebinthinaceum*, Monroe. *Ambrosia elatior* (*A. artemisiifolia*), Spencer. *Verbesina helianthoides*, Randolph. *Helenium nudiflorum*, Monroe. *Anthemis cotula*, Dubois, Spencer. *Chrysanthemum leucanthemum* var. *pinnatifidum*, Spencer. *Cacalia tuberosa*, Madison. *Senecio aureus*, Morgan. *Arctium minus*, Monroe, Pike. *Cirsium vulgare*, Pike. *Taraxacum laevigatum*, Spencer. *Lactuca floridana*, Monroe.

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