

Indiana Plant Distribution Records, VII. 1946

This is a continuation of the series of annual reports intended to keep Deam's "Flora of Indiana" up to date. The present report comprises two sections, viz. "SPECIES," giving new county records with location of confirming specimens; and "NOMENCLATORIAL CHANGES" in which an attempt is made, within the limits and in the spirit of conservative taxonomy, to keep the "Flora" up to date in plant names.

Species

Genera are listed in the order used in the "Flora" and species are given in alphabetical order within the genera. Symbols following the county indicate the herbaria in which confirming specimens have been deposited. Species, varieties, and forms new for the state are given in bold face, and these together with name changes are followed by literature references. Cases of doubt whether a species, newly found within the state, will become a part of the state flora are preceded by an asterisk.

The specimens listed below have been collected by the following collectors: Arnold Arboretum (AA): Charles C. Deam; Ball State Teachers College (BS): Marion Rector; Butler University (B): F. K. Daily, W. A. Daily, Charles C. Deam, Ray C. Friesner, J. E. Potzger, John Wallace, and Ernest Warkenstein; Deam Herbarium (D): C. C. Deam, R. C. Friesner, J. E. Potzger; De Pauw University (DP): W. D. Gray, Winona H. Welch, and T. G. Yuncker; Earlham College (E): Mary Sue Dennis, H. Hudson, D. Keyser, L. J. King, M. S. Markle, Mark Marshall, Dorothy Riffin, and Jane Winslow; Gray Herbarium (G): R. C. Friesner, Ralph Kriebel; Huntington College (Hu): Fred Loew; University of Illinois (I): Agnes Chase, E. J. Hill; University of Michigan (Mi): R. C. Friesner; Missouri Botanical Garden (Mo): R. C. Friesner; New York Botanical Garden (NY): R. C. Friesner; U. S. National Herbarium (N): C. C. Deam, R. C. Friesner, J. E. Potzger; Wabash College (W): A. R. Bechtel.

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

The committee is grieved to be under the necessity of reporting, to those who may use this report and who may not have previous knowledge, the untimely death of one of its members, Mr. Ralph Kriebel. His dynamic personality and keen powers of taxonomic observation are greatly missed by those who were associated with him. His excellent herbarium

containing over 17,000 specimens has become the property of Purdue University.

Botrychium dissectum v. *obliquum*, Ripley (B). *Osmunda cinnamomea*, Fountain (B,D). *Woodsia obtusa*, Decatur (B). *Cystopteris fragilis* v. *protrusa*, Union (B). *Onoclea sensibilis*, Orange (B). *Athyrium angustum* v. *rubellum*, Orange (B), Ripley (B). *A. asplenioides*, Decatur (B), Orange (B). *Asplenium platyneuron*, Ripley (B). *Esquistum arvense*, Decatur (B). *E. prealtum*, Clark (DP), Montgomery (B), Owen (B). *Lycopodium tristachyum* Pursh. Amer. Fern Jour. 36: 17-18. 1946. Lake (I), Porter (I), collected by Agnes Chase and E. J. Hill. *Selaginella apoda*, Cass (B).

Alisma subcordatum, Daviess (B), Decatur (B). *Bromus inermis*, Carroll (B), La Porte (B), Wells (D). *B. japonicus*, Carroll (B), De Kalb (B), La Porte (B), Ripley (B). *B. kalmii*, Noble (B). *B. secalinus*, Whitley (B). *B. tectorum*, Carroll (B). *Festuca rubra*, Porter (B, D). *Vulpia (Festuca) octoflora*, Cass (D), La Porte (B). *Poa compressa*, Jasper (B). *Poa languida*, Ripley (B), La Porte (D). *P. paludigena*, Porter (B). *P. sylvestris*, Carroll (B). *Eragrostis cilianensis*, Decatur (B), Huntington (Hu). *E. frankii*, Huntington (Hu), Lake (B), Posey (B, D). *E. hypnoides*, Huntington (Hu). *Uniola latifolia*, Daviess (B). *Dactylis glomerata*, Carroll (B).

Elymus villosus, Decatur (B), De Kalb (B, D). *E. virginicus*, Decatur (B), Ripley (B). *E. v. v. intermedius*, Posey (D). *Hystrix patula*, Ripley (B). *H. p. v. bigeloviana*, De Kalb (B, D). *Hordeum jubatum*, Huntington (Hu). *Lolium multiflorum*, La Porte (B). *Koeleria cristata*, Allen (B). *Holcus lanatus*, La Porte (B). *Danthonia spicata*, Carroll (B). *Agrostis alba*, Ripley (B). *A. perennans*, Daviess (B). *A. scabra*, Lagrange (D). *Calamagrostis canadensis*, Carroll (B). *Phleum pratense*, Huntington (Hu), Whitley (B). *Muhlenbergia asperifolia* (Nees & Meyer) Parodi. Hitchcock, Grasses of U. S., p. 366. Lake (B, D, N). Collected by C. C. Deam and J. E. Potzger. *M. frondosa (M. mexicana* of Flora), Fulton (B, D). *M. f. f. commutata*, Fulton (B, D). *M. mexicana f. ambigua (M. foliosa f. ambigua* of Flora), Noble (B). *M. sylvatica*, Gibson (B). *M. tenuiflora*, Decatur (B). *Sporobolus clandestinus*, Daviess (B).

Milium effusum, Cass (B, D). *Cynodon dactylon*, Marion (B). *Digitaria ischaemum*, White (B). *Leersia oryzoides*, Posey (D). *Leptoloma cognatum*, Owen (B, D). *Paspalum pubiflorum* v. *glabrum*, Gibson (B). *Panicum addisonii*, Allen (B). *P. boreale*, Lagrange (B). *P. boscii*, Noble (B), Ripley (B). *P. clandestinus*, Huntington (D). *P. columbianum*, Jasper (B), Lake (B). *P. depauperatum*, Jasper (B). *P. dichotomiflorum*, White (B). *P. gattingeri*, Posey (B, D), White (B). *P. implicatum*, Allen (B), Cass (B, D). *P. leibergii*, Noble (B). *P. lindheimeri*, Ripley (B). *P. meridionale*, Lake (D). *P. oligosanthos*, Noble (B). *P. perlongum*, Noble (B). *P. stipitatum*, Posey (B). *P. subvillosum*, Lagrange (B). *P. tsugetorum*, Jasper (B). *P. tuckermanii*, Flora, p.

1030. Cass (D), Fulton (B, D), Marshall (D, N), Martin (D, N), Noble (D, N), Pulaski (D, N), Randolph (B).

Setaria faberii Herrm. Rhodora 48: 391. 1946. White (B, D, N). Collected by J. E. Potzger and C. C. Deam. *S. italica*, Daviess (B). *S. lutescens*, Huntington (Hu). *S. viridis*, Decatur (B), White (D). *Andropogon elliottii*, Spencer (B). *A. gerardi*, Ripley (B). *Sorghum vulgare* v. *drummondii*, Gibson (D).

Cyperus esculentus, Huntington (Hu). *Scirpus validus* v. *creber*, Huntington (D). *Carex bicknellii*, Huntington (Hu). *C. bromoides*, Cass (D). *C. lurida*, Huntington (Hu). *Arisaema dracontium*, Orange (B). *Juncus tenuis*, Cass (D). *Luzula echinata*, Clark (DP). *L. multiflora*, Fountain (B).

Veratrum woodii, Cass (B, D). *Uvularia grandiflora*, Whitley (B). *Allium tricoccum*, White (B, D). *Ornithogalum umbellatum*, Clark (DP). *Smilacina racemosa* v. *cylindrata*, Allen (B), Orange (B). *Maianthemum canadense*, Fountain (B, D). *Polygonatum biflorum*, Decatur (B), Huntington (Hu). *P. canaliculatum*, Allen (B). *Trillium flexipes*, Randolph (B), Whitley (B). *T. f. f. walpolei*, Henry (B), Wayne (E). *T. nivale*, Wayne (E). *T. recurvatum*, Wayne (E). *T. r. f. luteum*, Clark (DP). *T. sessile* f. *luteum*, Clark (DP). *Smilax herbacea*, Huntington (Hu).

Sisyrinchium angustifolium, Porter (D). *Dioscorea quaternata*, Decatur (B). *D. villosa*, Carroll (B), Ripley (B). *Habenaria dilatata*, La Porte (B, D). *H. lacera*, Ripley (B), Union (B). *H. peramoena*, Orange (B). *H. viridis* v. *bracteata*, Cass (B, D).

Populus grandidentata, Clay (B), Orange (B). *Salix amygdaloides*, Montgomery (W). *S. bebbiana*, Huntington (D, Hu). *Carya laciniosa*, Daviess (B). *C. ovalis* v. *obcordata*, Lagrange (D). *Ostrya virginiana* f. *glandulosa*, Decatur (B). *Alnus rugosa* v. *americana* (Regel) Fern. Rhodora 47: 333-361. 1945. (*A. incana* v. *americana*, of Flora). Porter (B, D, G). *A. r. v. a. f. hypomalaca* Fern. Rhodora 47: 333-361. Porter (B, D, G). Collected by C. C. Deam and R. C. Friesner. *A. r. v. typica* Fern. Porter (D, G). Collected by C. C. Deam. *A. r. v. typica* f. *emersoniana* Fern. Porter (G). Collected by D. C. Peattie.

Quercus bicolor, Daviess (B). X *Q. leana*, Cass (D), Daviess (B), Posey (B). *Q. palustris*, Daviess (B). X *Q. runcinata* Englemann (*Q. borealis* v. *maxima* x *Q. imbricaria*). Trelease, Am. Oaks, p. 156, 193. Wells (AA, B, D). Collected by C. C. Deam. *Q. velutina*, Cass (D). *Ulmus americana* f. *alba*, Clay (B), Decatur (B), Delaware (B), Dubois (B), Fayette (B), Hamilton (B), Hancock (B), Harrison (B), Jay (B), Martin (B), Owen (B), Parke (B), Putnam (B), Randolph (B), Ripley (B), Shelby (B), Starke (B). *U. a. f. intercedens*, Wabash (B). *U. a. f. laevior*, Delaware (B), Howard (B), Kosciusko (B), Marion (B), Tip-ton (B), Wabash (B). *U. a. f. pendula*, Boone (B), Clay (B), Howard (B), Lawrence (B), Ohio (B), Switzerland (B). *Celtis laevigata*, Daviess (B). *Morus rubra*, Daviess (B). *Laportea canadensis*, Union (B).

Asarum canadense, Clark (DP). *Rumex crispus*, Huntington (Hu). *Polygonum aviculare*, Harrison (D). *P. coccineum*, Harrison (D). *P. convolvulus*, Howard (D), Wayne (E). *P. dumetorum*, Crawford (D), Randolph (B, D). *P. erectum*, Harrison (D). *P. hydropiper* v. *projectum*, Crawford (D), Porter (D). *P. hydropiperoides*, Decatur (B), Orange (B), Washington (D). *P. lapathifolium*, Harrison (D). *P. pennsylvanicum* v. *laevigatum*, Knox (B). *P. persicaria*, Crawford (D), Huntington (D). *P. punctatum*, Posey (D). *P. sagittatum*, Harrison (D). *P. scandens*, Harrison (D). *P. virginianum*, Crawford (D), Orange (D). *Chenopodium ambrosioides* ssp. *eu-ambrosioides* v. *typicum*, Daviess (B). *C. botrys*, Lake (B, D). *Corispermum hyssopifolium*, Newton (D). *Amaranthus graecizans* (*A. blitoides* of Flora), Porter (D). *A. retroflexus*, Posey (D). *Phytolacca americana*, Decatur (B).

Stellaria graminea, Putnam (DP). *Cerastium vulgatum* v. *hirsutum* f. *gladulosum*, Fountain (B). *Paronychia canadensis*, Carroll (B), Decatur (B). *Agrostemma githago*, Huntington (Hu). *Silene antirrhina*, St. Joseph (D). *S. cserei*, Lake (B). *S. dichotoma*, Elkhart (B, D). *S. noctiflora*, Huntington (Hu). *S. stellata*, Huntington (Hu). *Saponaria officinalis*, Decatur (B), Orange (B). *Aquilegia canadensis*, Allen (B). *A. c.* v. *coccinea* (Sm.) Munz. *Gentes Herbarum* 7: 120. 1946. Randolph (B). Collected by R. C. Friesner. *Anemonella thalictroides*, Bartholomew (B). *Hepatica acutiloba*, Clark (DP), Clay (B). *Clematis viorna*, Huntington (Hu). *C. virginiana*, Decatur (B). *Ranunculus abortivus*, Carroll (B). *R. longirostris*, Madison (B), Starke (B). *R. repens* v. *villosus*, Marion (B). *R. septentrionalis*, Fountain (B, D), Huntington (Hu).

Jeffersonia diphylla, Clark (DP). *Menispermum canadense*, Clark (DP). *Liriodendron tulipifera*, Daviess (B). *Sassafras albidum*, Daviess (B), Huntington (Hu), Orange (B). *S. a.* v. *molle*, Daviess (B), Decatur (B). *Sanguinaria canadensis*, Clark (DP). *Lepidium densiflorum*, Huntington (Hu). *L. virginicum*, Huntington (Hu). *Sisymbrium altissimum*, Union (B). *Brassica juncea*, Carroll (B). *B. kaber* v. *pinnatifida*, Allen (B), Carroll (B). *B. nigra*, Decatur (B). *Iodanthus pinnatifidus*, Clark (DP). *Nasturtium officinale*, Carroll (B), Posey (B). *Rorippa sessiliflora*, Carroll (B). *Cardamine pennsylvanica*, Fountain (B). *Dentaria laciniata*, Bartholomew (B). *Arabis dentata*, Clark (DP). *A. laevigata*, Union (B). *Conringia orientalis*, Carroll (B).

Heuchera americana v. *interior*, Carroll (B). *Mitella diphylla*, Clark (DP). *Grossularia cynosbati*, Lagrange (D). *Liquidambar styraciflua*, Crawford (D), Daviess (B), Orange (B). *Hammelis virginiana*, Ripley (B). *Physocarpus opulifolius*, Lake (B). *Aronia melanocarpa*, Allen (B), Fountain (D). *Crataegus punctata*, Huntington (Hu). *Fragaria vesca* f. *alba*, Putnam (DP). *Potentilla simplex* v. *typica*, Huntington (Hu). *Rosa carolina*, Carroll (B), Daviess (B). *R. setigera*, Union (B).

Gleditsia triacanthos f. *inermis*, Posey (D). *Medicago lupulina*, Orange (B), Ripley (B), Union (B). *Melilotus alba*, Orange (B), Union (B). *M. officinalis*, Union (B). *Trifolium hybridum*, Cass (D). *T. procumbens*, Clark (DP). *Robinia viscosa*, Lake (B, D). *Desmodium pauci-*

florum, Huntington (Hu). *Lespedeza nuttallii*, Harrison (D). *L. stipulacea*, Posey (D). *L. virginica* f. *deamii*, Harrison (D), Washington (D). *Lathyrus palustris* v. *myrtifolius*, Huntington (D). *Amphicarpa bracteata*, Delaware (BS). *Geranium pusillum*, St. Joseph (B, D). *Oxalis europea* v. *villicaulis*, Clark (DP). *O. stricta*, Clark (DP). *Linum virginianum*, Ripley (B). *Ptelea trifoliata*, Carroll (B).

Polygala ambigua, Ripley (B). *P. sanguinea*, Ripley (B). *P. senega*, Lake (B). *Euphorbia cyparissias*, Lake (B). *E. dentata*, Newton (D). *E. vermiculata*, Daviess (B). *Rhus glabra*, Orange (B). *R. radicans*, Daviess (B). *R. typhina*, Huntington (Hu). *Acer nigrum*, Franklin (B), Steuben (D). *A. rubrum*, Decatur (B). *Impatiens biflora*, Union (B). *Rhamnus lanceolata*, Huntington (Hu). *Tilia americana*, Union (B). *Hibiscus moscheutos*, Orange (B). *Hypericum mutilum*, Decatur (B), Ripley (B). *H. prolificum*, Huntington (D). *H. punctatum*, Huntington (Hu). *Viola eriocarpa* f. *leiocarpa*, Clark (DP). *V. papilionacea*, Carroll (B). *V. pedata* v. *lineariloba*, Pulaski (B), White (B). *V. striata*, Clark (DP). *Ludwigia alternifolia* v. *typica*, Decatur (B). *Epilobium coloratum*, Ripley (B). *Oenothera laciniata*, Jasper (B). *Oe. tetragona* v. *longistipata*, Ripley (B). *Circaea quadrisulcata* v. *canadensis*, Decatur (B), Orange (B).

Aralia nudicaulis, Fountain (D). *Sanicula canadensis* v. *grandis*, Decatur (B). *S. c.* v. *typica*, Crawford (D). *S. marilandica*, Huntington (Hu). *Osmorhiza claytoni*, Cass (B). *O. longistylis*, Cass (B), Noble (B). *Angelica atropurpurea*, Carroll (B), Huntington (Hu). *Pastinaca sativa*, Union (B). *Nyssa sylvatica* v. *caroliniana*, Daviess (B), Ripley (B). *N. s.* v. *typica*, Decatur (B), Fountain (B, D). *Cornus drummondii*, Harrison (D), Union (B). *C. obliqua*, Huntington (D).

Gaultheria procumbens, Fountain (B, D). *Vaccinium vacillans*, Elkhart (D). *Lysimachia hybrida*, Ripley (B). *Dodecatheon meadia*, Newton (D). *Diospyros virginiana*, Daviess (B), Orange (B). *Fragaria americana*, Franklin (B). *Sabatia angularis*, Ripley (B). *Centaureum pulchellum* (Sw.) Druce. Flora, p. 1080. Lake (B, D, G, Mi, Mo, NY). Collected by C. C. Deam and R. C. Friesner. *Gentiana crinita*, Steuben (D), White (B). *Vinca minor*, Clark (DP). *Apocynum cannabinum*, Huntington (D). *Asclepias incarnata*, Decatur (B), Ripley (B). *A. syriaca*, Washington (D). *A. tuberosa* v. *interior*, Huntington (D), Lake (B, D), Orange (B). *Ampelamus albidus*, Bartholomew (B). *Cuscuta campestris*, Wayne (E). *C. cephalanthi*, Wayne (E). *Convolvulus arvensis*, Wayne (E). *Ipomoea hederacea*, Decatur (B). *I. pandurata* v. *rubescens*, Wayne (E). *I. purpurea*, Wayne (E). *Quamlocit coccinea*, Crawford (D).

Phlox paniculata, Decatur (B). *Phacelia bipinnatifida*, Fountain (B, D). *P. purshii*, Morgan (B). *Myosotis verna*, Fountain (D). *Mertensia virginica*, Clark (DP). *Verbena hastata*, Decatur (B). *V. stricta*, Huntington (Hu). *V. urticaefolia* v. *leiocarpa*, Daviess (B), Orange (B), Steuben (D). *Trichostema dichotoma*, Lake (B, D). *Scutellaria lateriflora*, Decatur (B). *S. parvula*, White (D). *S. p.* v. *leonardi*, Jasper (B, D). *Agastache nepetoides*, Steuben (D). *Glechoma hederacea* v. *parviflora*,

Clark (DP). *Prunella vulgaris* v. *lanceolata*, Orange (B), Union (B). *Synandra hispidula*, Franklin (B). *Lamium amplexicaule*, Clark (DP). *L. purpureum*, Clinton (B). *Leonurus cardiaca*, Huntington (Hu). *Stachys tenuifolia* v. *typica*, Decatur (B). *Blephilia ciliata*, Huntington (D, Hu). *B. hirsuta*, Delaware (BS). *Hedeoma pulegioides*, Union (B). *Pycnanthemum flexuosum*, Ripley (B). *Lycopus asper* Greene. Britton and Brown, Ill. Flora 3: 148. Lake (B, D, Mi, Mo, N, NY). Collected by C. C. Deam and R. C. Friesner. *L. virginicus*, Daviess (B).

Physalis heterophylla, Clay (B, D). *P. pubescens*, Knox (D). *Verbascum blattaria*, Orange (B). *V. thapsus*, Orange (B). *Linaria vulgaris*, Huntington (Hu). *Chaenorrhinum minus*, Huntington (Hu), Orange (B). *Scrophularia marilandica*, Decatur (B). *Penstemon calycosus*, Union (B). *P. hirsutus*, Huntington (Hu). *Veronica arvensis*, Carroll (B), Elkhart (D). *V. peregrina* v. *typica*, Fountain (B). *Dasistoma macrophylla*, Delaware (BS). *Melampyrum lineare* v. *latifolium*, La Porte (D). *Pedicularis canadensis* v. *dobsii* Fern. *Rhodora* 48: 59-60. 1946. Porter (B, D), Wells (D). Collected by C. C. Deam. *Campsis radicans*, Ripley (B). *Orobanche uniflora* v. *typica*, Cass (B), Lake (B). *Ruellia strepens*, Union (B). *Phryma leptostachya*, Orange (B).

Plantago major, Lake (B, D). *P. purshii*, Jasper (B, D). *P. virginica*, Cass (B). *Cephalanthus occidentalis*, Ripley (B). *Galium circaezans*, Clark (DP). *G. c.* v. *hypomalacum*, Delaware (BS). *G. obtusum*, Decatur (B), Huntington (Hu), Lake (B), Orange (B), Ripley (B). *G. tinctorium*, Lagrange (D). *Viburnum rufidulum*, Daviess (B). *Sambucus canadensis*, Orange (B). *Lonicera japonica*, Orange (B). *Valerianaella chenopodifolia*, La Porte (B, D). See also *Rhodora* 48: 96. *V. intermedia*, Huntington (Hu), Montgomery (D). *Campanula aparinoides*, Steuben (D). *Specularia perfoliata*, St. Joseph (D). *Lobelia cardinalis*, Bartholomew (B), Decatur (B), Huntington (Hu).

Eupatorium altissimum, Clay (B, D). *E. fistulosum*, Ripley (B). *E. purpureum*, Ripley (B). *E. serotinum*, Decatur (B). *Grindelia squarrosa*, Marion (D). *Solidago altissima*, Wayne (E). *S. caesia*, Clay (B), Daviess (B). *S. canadensis*, Huntington (Hu). *S. gigantea*, Wayne (E). *S. g.* v. *leiophylla*, Decatur (B), Wayne (E). *S. juncea*, Decatur (B), Ripley (B). *S. latifolia*, Wayne (E). *S. nemoralis* v. *typica*, Wayne (E). *S. patula*, White (D, B). *S. ulmifolia*, Daviess (B), Ripley (B). *Aster angustus* (Lindl.) T. & G. Gray Man. 7ed., p. 816. Lake (B, D, G, Mi, Mo, N, NY). Collected by C. C. Deam and R. C. Friesner. *A. novae-angliae*, Greene (B). *A. pilosus*, Daviess (B), Lake (B). *A. puniceus*, Huntington (Hu). *A. sagittaeifolius*, Ripley (B). *Erigeron annuus*, Orange (B), Union (B). *E. strigosus*, Huntington (Hu), Union (B). *Antennaria fallax* v. *calophylla*, Fountain (B, D). *Gnaphalium purpureum*, Cass (D), Union (B). *Silphium terebinthinaceum*, Howard (B). *Ambrosia bidentata*, Orange (B, D). *A. trifida*, Huntington (Hu). *Heliopsis helianthoides*, Daviess (B). *Eclipta prostrata*, Huntington (Hu).

Rudbeckia hirta, Huntington (D). *Brauneria purpurea*, White (D). *Helianthus annuus*, Marion (B, D). *H. giganteus*, Huntington (Hu). *H.*

silphioides Nutt. *Rhodora* 48: 77-79. 1946. Lawrence (G, K). Collected by Ralph Kriebel: his No. 3965. *H. strumosus*, Washington (D). *H. tuberosus*, Crawford (D), Washington (D). *Coreopsis tripteris*, Lake (D). *Bidens bipinnata*, Huntington (Hu). *B. cernua*, Huntington (Hu). *B. comosa*, Ripley (B). *Hymenopappus carolinensis*, Newton (B, D). *Achillea millefolium*, Orange (B). *Chrysanthemum leucanthemum* v. *pinnatifidum*, Cass (B, D), Huntington (Hu). *Erechtites hieracifolia*, Ripley (B). *Anthemis arvensis*, Marion (B). *A. cotula*, Orange (B). *Cirsium discolor*, Ripley (B). *C. vulgare*, Huntington (Hu). **Centaurea maculosa*, Porter (G). *Rhodora* 48: 391. *Krigia biflora*, Union (B). *Tragopogon dubius*, De Kalb (D), Kosciusko (B), St. Joseph (D), Steuben (D). *T. porrifolius*, Huntington (Hu). *Taraxacum palstre* v. *vulgare*, Clark (DP). *Sonchus oleraceus*, Huntington (Hu). *Lactuca biennis*, Harrison (D). *L. b. f. integrifolia*, Ripley (B). *L. canadensis* v. *latifolia*, Union (B). *L. c. v. longifolia*, Orange (B). *L. scariola* v. *integrata*, Delaware (BS). *Prenanthes altissima*, Delaware (BS). *P. aspera*, Washington (D).

Nomenclatorial Changes

The following changes in names of Indiana plants are considered by the committee to be likely of acceptance by taxonomists generally. Other name changes have recently appeared in the literature but are temporarily withheld from this list awaiting further evidence of their merit.

Alisma plantago-aquatica var. *brevipes* (Greene) Samuelsson to

A. triviale Pursh

Rhodora 48:86-88. 1946.

Stenanthium robustum wats. to

S. gamineum var. *robustum* (Wats.) Fern.

Rhodora 48:148-152. 1946.

Sisyrinchium angustifolium Mill. to

S. montanum Greene

Rhodora 48:152-160. 1946.

Sisyrinchium graminoides bickn. to

S. angustifolium Mill.

Rhodora 48:152-160. 1946.

Cypripedium parviflorum salisb. to

C. calceolus var. *parviflorum* (Salisb.) Fern.

Rhodora 48:4. 1946

Spiranthes beckii Lindl. to

S. tuberosa Raf.

Rhodora 48:5. 1946

- Spiranthes ovalis* Lindl. to
 S. montana Raf.
 Rhodora 48:5. 1946
- Corallorrhiza trifida* Chatelain to
 Corallorrhiza trifida var. *verna* (Nutt.) Fern.
 Rhodora 48:197. 1946
- Salix cordata* Muhl. to
 S. rigida Muhl.
 Rhodora 48:31-48. 1946
- Salix discolor* var. *latifolia* Anderss. to
 S. eriocephala Michx.
 Rhodora 48:27-28. 1946
- Salix longipes* Shuttlew. to
 S. caroliniana Michx.
 Rhodora 48:28-31. 1946
- Salix petiolaris* J. E. Smith (Sensu Flora) to
 S. gracilis var. *textoris* Fern.
 Rhodora 48:46-48. 1946
- Alnus incana* var. *americana* Regel to
 A. rugosa var. *americana* (Regel) Fern.
 A. rugosa var. *americana* f. *hypomalaca* Fern.
 A. rugosa var. *typica* H. Winkl.
 A. rugosa var. *typica* f. *emersoniana* Fern.
 Rhodora 47:333-361. 1945
- Alnus rugosa* (Ehrh). Spreng. to
 A. serrulata var. *vulgaris* Spach.
 Rhodora 47:333-361. 1945
- Urtica procera* Muhl. to
 U. dioica var. *procera* (Muhl.) Wedd.
 Amer. Midland Nat. 35:773-778. 1946
- Arabis dentata* T. & G. to
 A. perstellata var. *shortii* Fern.
 Rhodora 48:208. 1946
- Acerates viridiflora* (Raf.) Eaton to
 Asclepias viridiflora Raf.
 Rhodora 48: 208-209. 1946
- Kuhnia eupatorioides* L. to
 K. eupatorioides var. *pyramidalis* Raf.
 Wrightia 1:132-136. 1945
- Helianthus rigidus* (Cass.) Desf. to
 H. laetiflorus var. *rigidus* (Cass.) Fern.
 Rhodora 48:79-80. 1946

Helianthus rigidus f. flavus Deam to

H. laetiflorus Pers.

Rhodora 48:79-80; 112. 1946

State Flora Committee:

CHARLES C. DEAM, *Chairman*

T. G. YUNCKER

R. C. FRIESNER, *Secretary*