

Indiana Plant Distribution Records, V. 1944

This is a continuation of the series of annual reports intended to keep Dean's "Flora of Indiana" up to date. The report comprises three sections, viz. "SPECIES", giving new county records with the location of confirming specimens; "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; "DELETIONS" in which known previous errors are corrected.

Species

Genera are listed in the order used in the "Flora" and species are given in alphabetical order within the genera. Symbols following the counties indicate the herbaria in which confirming specimens have been deposited. Species, varieties or forms new for the state are given in bold face type 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: Butler University (B): Charles C. Deam, Ferry R. Clark, Ray C. Friesner, Scott McCoy, C. M. Palmer, and J. E. Potzger; Deam Herbarium (D): Charles C. Deam, Ralph Kriebel, J. E. Potzger, and Paul Weatherwax; DePauw University (DP): Charles M. Ek, E. J. Grimes, Scott McCoy, Arthur Ogilvie, and T. G. Yuncker; Huntington College (Hu): Fred Loew; Indiana University (IU): Paul Weatherwax; Kriebel Private Herbarium (K): Ralph Kriebel; New York Botanical Garden (NY): Charles C. Deam and F. W. Johnson; University of Michigan (Mi): J. F. Baird, H. H. Bartlett; Missouri Botanical Garden (Mo): Charles B. Heiser; Purdue University (P): H. B. Dorner; U. S. National Herbarium (N): Ray C. Friesner, J. E. Potzger.

Other symbols used are: University of Florida (Fl).

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.

Botrychium virginianum, Fayette (B). *Cystopteris fragilis* v. *protrusa*, Fayette (B). *Dryopteris goldiana*, Brown (B), Wayne (B). *D. thelypteris* v. *pubescens*, Delaware (B), Randolph (D, B). *Athyrium pycnocarpon*, Clay (DP). *Adiantum pedatum*, Huntington, (Hu). *Pteridium aquilinum* v. *latiusculum*, Delaware (B). *Equisetum laevigatum*, Marion (B).

Typha latifolia, Delaware (B). *Sparganium eurycarpum*, Randolph (B). *Potamogeton foliosus* v. *genuinus*, Jay (B) Randolph (B). *Triglo-*

chin palustris, Randolph (D, B). *Alisma subcordatum*, Delaware (B), Randolph (B, D). *Sagittaria latifolia* v. *obtusata*, Randolph (B).

Bromus inermis, Randolph (B). *B. latiglumis*, Randolph (B). *Glyceria septentrionalis*, Hancock (B), Randolph (B). *Poa compressa*, Delaware (B), Randolph (B). *P. nemoralis* L. Hitchcock, Grasses of U. S., 123., Marion (D, B, N). Collected by J. E. Potzger. *P. pratensis*, Fayette (B). *Eragrostis capillaris*, Shelby (B), *E. cilianensis*, Delaware (B), Jay (B), Randolph (B). *E. frankii*, Randolph (B). *E. hypnoides*, Randolph (D, B). *E. pectinacea*, Hancock (B), Randolph (B). *Phragmites communis*, Randolph (B). *Melica nitens*, Delaware (B). *Agropyron repens*, Delaware (B), Fayette (B), Hancock (B), Randolph (D). *A. smithii*, Henry (B). *Elymus riparius*, Randolph (B). *E. villosus*, Hancock (B), Harrison (B). *Calamagrostis canadensis*, Delaware (B), Randolph (B). *Agrostis alba*, Huntington (Hu). *A. palustris*, Delaware (B), Randolph (B), Wayne (B). *Phleum pratense*, Delaware (B), Randolph (B).

Muhlenbergia mexicana, Randolph (B, D). *M. setosa*, Randolph (B). *Eleusine indica*, Delaware (B), Randolph (B). *Spartina pectinacea*, Henry (B). *Phalaris arundinacea*, Hancock (B). *Leersia oryzoides*, Huntington (Hu), Wayne (B). *L. virginicus*, Huntington (Hu), Wayne (B). *Digitaria sanguinalis*, Hancock (B), Randolph (B), Wayne (B). *Paspalum supinum* Bosc. Hitchcock, Grasses of U. S., p. 585. Knox (D, B, N). Collected by J. E. Potzger. *Panicum albertmarlense*, Randolph (B). *P. capillare*, Randolph (B). *P. deamii*, LaPorte (B). *P. gattingeri*, Randolph (B), Wayne (B). *P. huachucae*, Fayette (B). *P. microcarpon*, Fulton (B). *P. scribnerianum*, Marion (B). *P. sphaerocarpon*, Steuben (B). *P. virgatum*, Henry (B). *Echinochloa crusgalli*, Hancock (B), Jay (B). *Setaria lutescens*, Hancock (B), Jay (B). *S. viridis*, Delaware (B). *Andropogon gerardi*, Randolph (D, B). *Sorghastrum nutans*, Randolph (B).

Cyperus aristatus, Randolph (D). *C. odoratus*, Randolph (D). *C. rivularis*, Hancock (B), Randolph (B). *C. strigosus*, Jay (B). *Scirpus atrovirens*, Delaware (B), Randolph (B). *S. validus* v. *creber*, Delaware (B), Huntington (Hu), Randolph (B). *Eleocharis obtusa*, Delaware (B), Marion (B), Randolph (D, B). *E. quadrangulata* v. *crassior* Gibson (D). *E. rostellata*, Randolph (D). *Scleria verticillata*, Randolph (D, B).

Carex frankii, Delaware (B). *C. hystericina*, Randolph (B). *C. lupulina*, Randolph (B). *C. muskingumensis*, Huntington (Hu.) *C. vulpinoidea*, Delaware (B), Randolph (B). *Symplocarpus foetidus*, Huntington (Hu). *Tradescantia subaspera* var. *typica*, Huntington (Hu). *T. virginiana*, Huntington (Hu). *Juncus brachycephalus*, Randolph (D, B). *J. torreyi*, Randolph (D, B).

Tofieldia glutinosa, Randolph (B). *Allium vineale*, Delaware (B), Hancock (B). *Smilacina racemosa* v. *cylindrata*, Fayette (B), Marion (B). *S. stellata*, Randolph (B). *Polygonatum canaliculatum*, Randolph

(B). *Trillium flexipes* Raf., Rhodora 46:16. 1944, Fayette (B). *Smilax herbacea*, Delaware (B), Randolph (B). *S. h. v. lasioneura*, Randolph (B). *S. hispida*, Fayette (B). *Dioscorea villosa*, Delaware (B). *Sisyrinchium graninodies*, Fayette (B). *Habenaria viridis v. bracteata*, Putnam (DP). *Spiranthes cernua*, Randolph (B). *Calopogon pulchellus*, Huntington (Hu).

Populus grandidentata, Marion (B). *P. tremuloides*, Randolph (B). *Salix bebbiana*, Randolph (D). *S. cordata*, Delaware (B), Hancock (B), Madison (B), Randolph (B). *S. discolor* var. *latifolia*, Randolph (B). *S. interior*, Madison (B). *S. lucida*, Randolph (B). *Juglans cinerea*, Clay (DP). *J. nigra*, Brown (DP), Fayette (B), Howard (B), Marion (B), Ohio (B), Randolph (B) Switzerland (B). *Carya cordiformis*, Fayette (B), Hancock (B), Randolph (B). *C. laciniosa*, Hancock (B). *C. ovata*, Fayette (B), Hancock (B), Huntington (Hu), Randolph (B). *Carpinus caroliniana v. virginiana*, Fayette (B). *Ostrya virginiana v. glandulosa*, Fayette (B). *Corylus americana*, Randolph (B).

Fagus grandifolia, Fayette (B). *Castanea dentata*, Putnam (DP). *Quercus alba*, Hancock (B). *Q. bicolor*, Fayette (B), Owen (DP), Randolph (B). *Q. borealis v. maxima*, Fayette (B). *Q. imbricaria*, Delaware (B). *Q. macrocarpa*, Fayette (B), Putnam (DP). *Q. velutina*, Delaware (B). *Ulmus americana*, Fayette (B), Hancock (B), Jay (B), Randolph (B). *U. fulva*, Fayette (B). *U. thomasi*, Hamilton (B). *Celtis occidentalis v. canina*, Huntington (Hu). *C. o. v. crassifolia*, Fayette (B), Hancock (B). *Morus alba v. tatarica*, Fayette (B). *Humulus americana*, Randolph (B, D). *Laportea canadensis*, Fayette (B). *Boehmeria cylindrica*, Hancock (B), Randolph (D, B). *B. c. v. drummondiana*, Randolph (B).

Commandra richardsiana, Randolph (B). *Asarum canadense*, Randolph (B). *Aristolochia serpentaria*, Randolph (B). *Rumex acetosella*, Fayette (B). *Polygonum coccineum*, Randolph (D, B). *P. erectum*, Hancock (B). *P. hydropiper v. projectum*, Hancock (B), Randolph (B). *P. hydropiperoides*, Randolph (B). *P. lapathifolium*, Randolph (D). *P. neglectum*, Hancock (B). *P. persicaria*, Henry (B), Madison (B), Randolph (B). *P. sagittatum*, Randolph (D). *P. virginianum*, Randolph (D). *Chenopodium album*, Huntington (Hu). *C. botrys*, Delaware (B). *Atriplex patula v. littoralis*, Randolph (D). *Amaranthus blitoides*, Huntington (Hu). *A. retroflexus*, Huntington (Hu). *Acnida altissima*, Hancock (B). *Phytolacca americana*, Delaware (B). *Mollugo verticillata*, Fayette (B).

Arenaria serpyllifolia, Fayette (B). *Stellaria media*, Huntington (Hu). *Silene antirrhina*, Fayette (B). *S. cucubalus*, Marion (B). *S. regia*, Delaware (B). *Dianthus armeria*, Fayette (B). **Saponaria ocymoides* L., Bailey Man. Cult. Plt., p. 265., Elkhart (B, NY). Collected by Charles M. Ek. *S. vaccaria*, Marion (B). *Caltha palustris*, Huntington (Hu). *Ranunculus longirostris*, Hancock (B). *R. septentrionalis v. caricetorum*, Randolph (D, B). *Thalictrum dasycarpum*, Huntington (Hu). *Liriodendron tulipifera*, Fayette (B). *Asimina triloba*, Randolph

(B). *Sassafras albidum*, Delaware (B). *S. a. v. molle*, Hancock (B). *Thlaspi arvense*, Marion (B). *Sisymbrium altissimum*, Randolph (B). *S. officinale v. leiocarpum*, Delaware (B). *Brassica kaber v. pinnatifida*, Randolph (D). *Barbarea vulgaris v. arcuata*, Rhodora 45:304. Clinton (B), Hamilton (B), Howard (B), Jackson (B), LaPorte (B), Marion (B), Morgan (B). *Rorippa islandica v. microcarpa*, Randolph (D, B). *R. sessiliflora*, Delaware (B). *R. sylvestris*, Jay (B), Randolph (B, D). *Cardamine douglasii*, Huntington (Hu). *Camelina microcarpa*, Fayette (B). **Descurainia sophia* (L). Webb. Amer. Midland Nat. 22: 487. 1939. Marion (B). Collected by Ray C. Friesner.

Polanisia graveolens, Delaware (B). *Penthorum sediioides*, Delaware (B), Hancock (B). *Saxifraga pennsylvanica*, Huntington (Hu). *Parnassia glauca*, Randolph (D, B). *Ribes americana*, Hancock (B). *Platanus occidentalis*, Jay (B). *Physocarpus opulifolius*, Randolph (D, B). *Amelanchier canadensis*, Huntington (Hu). *Rubus hispidus v. obovalis*, Cass (B), Elkhart (B), Grant (B), Howard (B), Ripley (B), Pulaski (B), Steuben (B). *R. occidentalis*, Fayette (B). *R. pubescens*, Kosciusko (B), Starke (B). *Potentilla fruticosa*, Randolph (D, B). *P. monspeliensis*, Fayette (B), Hancock (B), Randolph (B). *P. recta*, Fayette (B). *Filipendula rubra*, Madison (B), Randolph (D, B). *Agrimonia parviflora*, Randolph (D). *Rosa setigera v. tomentosa*, Delaware (B), Fayette (B). *Prunus serotina*, Fayette (B), Hancock (B), Randolph (B).

Cassia hebecarpa, Randolph (D, B). *Gleditsia triacanthos*, Fayette (B), Randolph (D, B). *Melilotus alba*, Delaware (B), Fayette (B), Randolph (B). *M. officinalis*, Hancock (B). *Psoralea onobrychis*, Delaware (B). *Vicia cracca*, Cass (B), Marion (B), *Lathyrus palustris*, Randolph (B). *Amphicarpa bracteata*, Huntington (Hu). *Apios americana*, Huntington (Hu), Randolph (B). *Geranium carolinianum v. confertiflorum*, Marion (B). *Oxalis europea*, Randolph (B). *O. e. f. cymosa*, Hancock (B). *O. stricta*, Fayette (B). *Linum medium v. texanum*, Putnam (DP). *Zanthoxylum americanum*, Randolph (B). *Acalypha virginica*, Huntington (Hu). *Euphorbia corollata*, Delaware (B). *E. maculata*, Delaware (B), Jay (B). *E. supina*, Jay (B). *Rhus glabra*, Delaware (B), Randolph (D, B). *R. vernix*, Randolph (B, D). *Ilex verticillata*, Randolph (B). *Acer nigrum*, Fayette (B). *A. rubrum*, Hancock (B), Marion (B). *A. saccharinum*, Fayette (B). *A. saccharum*, Fayette (B), Randolph (B). *Aesculus glabra*, Randolph (B).

Ceanothus americanus, Delaware (B). *Vitis cinerea*, Delaware (B). *Parthenocissus inserta*, Randolph (D). *P. quinquefolia f. hirsuta*, Fayette (B). *Sida spinosa*, Hancock (B). *Hibiscus trionum*, Hancock (B). *Hypericum prolificum*, Randolph (B). *H. sphaerocarpum*, Hancock (B). *H. tubulosum v. walteri*, Owen (D, IU). *Viola eriocarpa v. leiocarpa*, Fayette (B). *Didiplis diandra*, Owen (D, IU). *Lythrum alatum*, Delaware (B). *Ludvigia alternifolia*, Putnam (DP). *L. a. v. pubescens* Palmer & Steyermark. Ann. Missouri Bot. Gard. 25: 772. 1938. Posey (D). Collected by Charles C. Deam. *L. palustris v. americana*, Delaware

(B), Hancock (B), Jay (B). *L. polycarpa*, Delaware (B). *Oenothera pycnocarpa*, Hancock (B), Jay (B), Randolph (B). *Gaura biennis*, Randolph (D, B).

Sanicula canadensis v. *typica*, Fayette (B), Hancock (B), Randolph (B). *Spermolepis inermis*, Marion (B). *Sium suave*, Hancock (B). *Oxypolis rigidior*, Randolph (D, B). *Pastinaca sativa*, Randolph (B). *Daucus carota*, Delaware (B), Jay (B), Randolph (B). *Nyssa sylvatica*, Adams (D, B). *N. s. v. caroliniana*, Gibson (D, K). *Cornus obliqua*, Hancock (B), Randolph (B). *C. racemosa*, Delaware (B), Hancock (B). *C. stolonifera*, Randolph (B). *Lysimachia longifolia*, Randolph (D, B). *Fraxinus americana* Adams (D, B). *F. lanceolata*, Jay (B), Randolph (D, B), Wayne (B). *F. quadrangulata*, Fayette (B). *Gentiana procera*, Randolph (B).

Apocynum cannabinum, Hancock (B), Huntington (Hu). *A. c. v. pubescens*, Delaware (B), Marion (B), Randolph (B). *A. sibiricum*, Randolph (B). *Acerates hirtella*, Gibson (D). *Asclepias syriaca*, Delaware (B), Fayette (B), Randolph (B). *A. tuberosa*, Delaware (B). *Cuscuta gronovii*, Randolph (B). *Convolvulus arvensis*, Delaware (B), Huntington (Hu). *C. sepium*, Huntington (Hu). *C. s. v. fraterniflorus*, Marion (B). *Ipomoea hederacea*, Randolph (D). *I. pandurata*, Delaware (B). *Phlox maculata*, Randolph (D, B). *Polemonium reptans*, Fayette (B). *Hydrophyllum macrophyllum*, Fayette (B). *Lappula echinata*, Marion (B). *Hackelia virginiana*, Randolph (B). *Verbena bracteata*, Clark (Mi), LaPorte (Mo). *V. canadensis*, Clark (Mi), Putnam (DP). XV. *engelmannii*, Cass (B), Hancock (B). *V. hastata*, Delaware (B), Huntington (Hu), Randolph (D). XV. *illicita* Moldenke, Rev. Sudam. Bot. 4: 18. 1937. Tippecanoe (P). Collected by H. B. Dornier. XV. *rydbergii* Moldenke, Rev. Sudam. Bot. 4: 19. 1937. Washington (D, NY). Collected by Charles C. Deam. *V. simplex*, Jackson (D), Lake (NY), Marion (D), Vermillion (D), White (P). *V. stricta*, Clay (D), Daviess (Fl), Delaware (B), Lake (G, NY), Steuben (D). *V. urticaefolia*, Adams (D), Franklin (D, DP), Huntington (Hu), Jay (B), Lake (G), Marion (B, Mi), Putnam (DP), Randolph (B), Steuben (D NY). *V. u. v. leiocarpa*, Brown (B), Dearborn (B), Decatur (B), Greene (B), Hancock (B), Jefferson (B), Jennings (D), Monroe (B), Randolph (D, B), White (D). *Phyla lanceolata*, Jay (B), Union (DP).

Teucrium canadense v. *virginicum*, Delaware (B), Randolph (B). *T. occidentale* v. *boreale*, Delaware (B), Randolph (B). *Scutellaria lateriflora*, Hancock (B), Huntington (Hu), Randolph (B). *S. ovata* v. *versicolor*, Huntington (Hu). *S. parvula*, Hancock (B). *Agastache nepetoides*, Hancock (B), Huntington (Hu). *Nepeta cataria*, Jay (B). *Prunella vulgaris* v. *lanceolata*, Randolph (B). *Physostegia virginiana*, Randolph (B). *Stachys tenuifolia*, Randolph (B). *S. t. v. hispida*, Fulton (B), Lagrange (B), Randolph (D). *S. t. v. platyphylla* Fern. Rhodora 45: 468. 1944. Clay (B), Delaware (B), Elkhart (D), Marion (D), Randolph (D, B). Collected by Charles C. Deam and Ray C. Friesner. *Monarda fistulosa*, Fayette (B), Madison (B). *Blephilia hirsuta*, Ran-

dolph (D, B). *Hedeoma pulegioides*, Fayette (B), Randolph (B). *Pycnanthemum pilosum*, Delaware (B). *P. virginianum*, Randolph (D, B). *Lycopus americanus*, Hancock (B). *L. rubellus*, Hancock (B). *L. uniflorus*, Hancock (B). *Mentha arvensis*, Randolph (D, B). *M. spicata*, Hancock (B), Randolph (B). *Collinsonia canadensis*, Fayette (B).

Physalis subglabrata, Hancock (B). *Solanum carolinense*, Fayette (B). *Verbascum blattaria*, Huntington (Hu). *V. thapsus*, Fayette (B), Huntington (Hu). *Linaria vulgaris*, Fayette (B). *Chaenorrhinum minus*, Delaware (B), Fayette (B), Randolph (B). *Scrophularia marilandica*, Randolph (B). *Chelone glabra* v. *linifolia*, Randolph (D). *C. g. v.l. f. velutina*, Randolph (B). *Mimulus alatus*, Randolph (B). *M. ringens*, Delaware (B). *Leucospora multifida*, Fayette (B). *Lindernia dubia* v. *riparia*, Delaware (B). *Veronica anagallis-aquatica* f. *anagalliformis*, Delaware (B). *V. serpyllifolia* Huntington (Hu). *Veronicastrum virginicum*, Delaware (B). *Gerardia paupercula*, Randolph (B). *G. purpurea*, Randolph (B). *Pedicularis lanceolata*, Randolph (B).

Catalpa bignonioides, Putnam (DP). *Ruellia carolinensis*, Hancock (B). *Plantago rugelii*, Madison (B), Randolph (D, B). *Cephalanthus occidentalis*, Delaware (B), Randolph (B). *Galium asprellum*, Randolph (D). *G. concinnum*, Randolph (B). *G. obtusum*, Fayette (B). *Sambucus canadensis*, Delaware (B). *Viburnum dentatum* v. *deamii*, Randolph (B). *Triosteum aurantiacum*, Randolph (B). *T. perfoliatum*, Randolph (D, B). *Symphoricarpos orbiculatus*, Huntington (Hu). *Lonicera prolifera*, Randolph (B). *Dipsacus sylvester*, Randolph (B). *Echinocystis lobata*, Randolph (D, B). *Lobelia kalmii*, Randolph (B). *L. spicata* v. *originalis*, Hancock (B).

Vernonia altissima, Randolph (B). *Eupatorium perfoliatum*, Delaware (B), Hancock (B), Randolph (D, B). *E. purpureum*, Randolph (B). *Liatris spicata*, Randolph (B). *Solidago altissima*, Randolph (B). *S. canadensis* v. *gilvocanescens*, Wayne (B). *S. gigantea*, Hancock (B). *S. graminifolia* v. *nuttallii*, Huntington (Hu), Randolph (D, B). *S. juncea*, Delaware (B). *S. latifolia*, Fayette (B). *S. nemoralis*, Huntington (Hu). *S. patula*, Randolph (B). *S. riddellii*, Randolph (B). *S. rigida*, Delaware (B). *S. uniligulata*, Randolph (B). *Aster interior*, Newton (D). *A. novaeangliae*, Delaware (B). *A. pilosus*, Delaware (B), Huntington (Hu), Lagrange (D). *A. praealtus* v. *angustior*, Randolph (B). *A. sagittifolius*, Delaware (B). *A. umbellatus*, Randolph (B).

Erigeron annuus, Huntington (Hu), Randolph (B). *E. canadensis*, Delaware (B), Huntington (Hu). *Gnaphalium obtusifolium*, Gibson (Mo), Huntington (Hu), Madison (B). *Silphium integrifolium*, Delaware (B). *S. terebinthinaceum*, Madison (B), Randolph (D, B). *Ambrosia elatior*, Randolph (B). *A. trifida*, Hancock (B), Randolph (B). *Heliopsis helianthoides*, Randolph (B, D). *Eclipta alba*, Jay (B). *Rudbeckia deamii*, Randolph (B, D, G, N, NY). *R. hirta*, Fayette (B), Randolph (D, B). *R. laciniata*, Huntington (Hu). *R. triloba*, Huntington (Hu), Randolph (D). *Ratibida pinnata*, Delaware (B), Randolph

(B). *Helianthus giganteus*, Randolph (B). *H. petiolaris*, Marion (B). *H. rigidus*, Jay (B). *Actinomeris alternifolia*, Wayne (B). *Bidens connata* v. *pinnata*, Randolph (B). *B. coronata*, Randolph (D, B). *B. discoidea*, Randolph (D). *B. frondosa*, Delaware (B), Huntington (Hu).

Helenium autumnale, Delaware (B). *H. autumnale* v. *canaliculatum* (Lam.) T. & G. Rhodora 45: 485-495. 1943. Starke (D). Collected by Charles C. Deam. *H. a.* v. *parviflorum* (Nutt.) Fern. Rhodora 45: 485. 1943. Boone (B), Carroll (D), Cass (D, B), Clay (B), Crawford (D), Dubois (D, B), Floyd (D), Greene (D), Harrison (D), Hendricks (B), Howard (B), Madison (D, B), Martin (D), Newton (D), Owen (D), Pike (B), Randolph (B), Ripley (B), Shelby (B), Spencer (D), Starke (B), Sullivan (B), Tipton (D), Vigo (D), Washington (B), White (D, B), Whitley (D). *Anthemis cotula*, Randolph (B). *Achillea millefolium*, Delaware (B), Fayette (B). *Cacalia tuberosa*, Randolph (D, B). *Senecio aureus* v. *aquiloni* Fern. Rhodora 45: 495. Huntington (D), LaPorte (G). Collected by Charles C. Deam. *S. a.* v. *gracilis*, Elkhart (D). *S. a.* v. *semicordatus* (Mack. & Bush.) Greenm. Rhodora 45: 495. Jennings (B), Lagrange (D), Wells (D). Collected by Charles C. Deam and Scott McCoy.

Arctium minus, Fayette (B), Hancock (B), Randolph (D). *Cirsium arvense*, Huntington (Hu). *C. discolor*, Randolph (D). *C. muticum*, Randolph (B). *C. vulgare*, Gibson (Mo). *Cichorium intybus*, Randolph (B). *Tragopogon dubius*, Jasper (DP), Lake (G), Newton (DP), Porter (G). *Lactuca biennis*, Randolph (D, B). *L. b. f. integrifolia*, Randolph (B). *L. canadensis* v. *typica*, Randolph (D). *L. floridana*, Randolph (B, D). *L. scariola*, Hancock (B). *Prenanthes crepidinea*, Clark (D). *P. racemosa*, Randolph (B).

Nomenclatorial Changes

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

Scirpus atrovirens Muhl. to

S. atrovirens Willd.

Rhodora 46: 336. 1944

Rhynchospora cymosa Ell. to

R. globularis (Chapm.) Sm. var. *recognita* Fern.

Rhodora 46: 245-246. 1944

Rhynchospora glomerata var. *minor* Britt. to

R. capitellata (Michx.) Vhal

Rhodora 46: 115-121. 1944

Rhynchospora glomerata var. *minor* f. *discutiens* (Clarke) Fern. to

R. capitellata f. *discutiens* (Clarke) Gale

Rhodora 46: 119-121. 1944

Tradescantia canaliculatum Raf. to

T. ohioensis Raf.

Rhodora 46: 310-311. 1944

Luzula carolinae var. *saltuensis* (Fern.) Fern. to

L. acuminata Raf.

Rhodora 46: 4. 1944

Polygonatum commutatum f. *ramosum* McGivney to

P. biflorum f. *ramosum* (McGivney) Fern.

Rhodora 46: 12. 1944

Trillium gleasoni Fern. to

T. flexipes Raf.

Rhodora 46: 16-17. 1944

Trillium gleasoni f. *walpolei* (Farw.) Deam to

T. flexipes f. *walpolei* (Farw.) Fern.

Rhodora 46: 17. 1944

Smilax bona-nox L. to

S. bona-nox var. *hederaefolia* (Beyrich) Fern.

Rhodora 46: 36-38. 1944

Ludwigia alternifolia L. to

L. alternifolia var. *typica* Munz

Bull. Torr. Bot. Cl. 71: 158-159. 1944

Ludwigia alternifolia L. add

L. alternifolia var. *pubescens* Palmer & Steyermark

Bull. Torr. Bot. Cl. 71: 159. 1944

Ludwigia glandulosa Walt. to

L. glandulosa var. *typica* Munz

Bull. Torr. Bot. Cl. 71: 164. 1944

Ludwigia sphaerocarpa var. *deamii* Fern. & Grisc. to

L. sphaerocarpa var. *jungens* Fern. & Grisc.

Bull. Torr. Bot. Cl. 71: 161. 1944

Epilobium densum Raf. to

E. rosmarinifolium Pursh

Rhodora 46: 378. 1944

Stachys hispida Pursh to

S. tenuifolia var. *hispida* (Pursh) Fern.

Rhodora 45: 469-470. 1943

Stachys tenuifolia Willd. add

S. tenuifolia var. *platyphylla* Fern.

Rhodora 45: 468-469. 1943

Lycopus sessilifolius Gray to

L. amplexans Raf.

Rhodora 46: 56-57. 1944

Helenium autumnale L. add

H. autumnale var. *parviflorum* (Nutt.) Fern. and

H. autumnale var. *canaliculatum* (Lam.) T. & G.

Rhodora 45: 490-493. 1943.

Senecio aureus L. to

S. aureus var. *intercurus* Fern.

Rhodora 45: 499. 1943.

Senecio aureus L. add

S. aureus var. *aquilonius* Fern. and

S. aureus var. *semicordatus* (Mack. & Bush) Greenm.

Rhodora 45: 500-501. 1943

Cirsium virginianum (L.) Michx. to

C. flaccidum Small

Rhodora 45: 509-510. 1943

Deletions

The following deletion should be made from the previous report.
Panicum addisoni: delete from 1941 report for LaPorte County.

State Flora Committee:

CHARLES C. DEAM, *Chairman*

RALPH KRIEBEL

T. G. YUNCKER

RAY C. FRIESNER, *Secretary*