

# ADDITIONS TO THE FLORA OF COLES COUNTY, ILLINOIS

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**ABSTRACT.**—A total of 198 vascular plants are reported that have not been previously recorded for Coles County, Illinois.

The total reported vascular flora for Coles County, Illinois was 639 species according to the data compiled by Jones and Fuller (1955) and Winterringer and Evers (1960). In 1967, Ebinger reported the addition of 9 species of ferns and fern-allies and 80 species of monocots to the county. Later, in a floristic study of a series of hillside marshes, Parker, Rayhill, and Ebinger (1969) reported an additional 56 plant species to the Coles County flora.

Most of the species included in the present list are the result of extensive collections during the last ten years by the author and many of his students. Some of these collections, however, date from 1906. In particular, the collections by H. C. Sampson and P. Sargent are more than 60 years old. Many of the collections by these two collectors represent the only specimens of these species known from Coles County. Recent attempts to relocate these species have generally been unsuccessful, usually because the habitat has been destroyed.

Some of the species recorded are cultivated plants that are reproducing and are becoming a part of the county flora. Recently, Phillippe and Ebinger (1972) reported 5 cultivated shrubs that are found growing wild at Lincoln Log Cabin State Park while Ebinger and Phillippe (1974) reported *Euonymus alatus* (Thunb.) Sieb. as being adventive in Illinois.

The following list contains 198 species of vascular plants not previously recorded for Coles County.

Each species is followed by the collectors last name and field number. All specimens are deposited in the Stover Herbarium of Eastern Illinois University. The nomenclature in the list follows that of Jones (1963).

## DICOTYLEDONAE

- AMARANTHACEAE:** *Acnida tamariscina* (Nutt.) Wood. Ebinger 7878. *Amaranthus albus* L. Ebinger 6767. *Amaranthus graecizans* L. Whiteside s.n. *Amaranthus hybridus* L. Tiffany s.n. *Amaranthus spinosus* L. Thut & Speer s.n. *Froelichia campestris* Small Thut, Stover, & Damann s.n.
- ANACARDIACEAE:** *Rhus typhina* L. Ebinger 4611.
- APOCYNACEAE:** *Apocynum androsaemifolium* L. Ebinger 4402. *Vinca minor* L. Ebinger 9393.
- ARALIACEAE:** *Aralia racemosa* L. Ebinger 11047.
- ASCLEPIADACEAE:** *Ampelamus albidus* (Nutt.) Britt. Ebinger 5831. *Asclepias exaltata* (L.) Muhl. Thut s.n.
- BIGNONIACEAE:** *Catalpa bignonioides* Walt. Ebinger 10434.
- BORAGINACEAE:** *Echium vulgare* L. McClain 265.
- CAMPANULACEAE:** *Campanula rapunculoides* L. Ebinger 7653.
- CANNABINACEAE:** *Cannabis sativa* L. Baumann 89. *Humulus americanus* Nutt. Ebinger 5788.
- CAPPARIDACEAE:** *Cleome speciosissima* Deppe Carbonari 181.
- CAPRIFOLIACEAE:** *Diervilla lonicera* Mill. Sampson 1802. *Lonicera japonica* Thunb. Ebinger 12223. *Lonicera sempervirens* L.

- Ebinger 7679. *Lonicera tatarica* L. Ebinger 10289. *Lonicera xylostium* L. Ebinger 8218.
- CARYOPHYLLACEAE: *Agrostemma githago* L. Sampson 905. *Saponaria vaccaria* L. Sampson 923. *Silene cucubalus* Wibel White 79.
- CHENOPODIACEAE: *Atriplex patula* L. Ebinger 7321. *Chenopodium berlandieri* Moq. Ebinger 9176. *Salsola pestifer* A. Nels Ebinger 5721.
- COMPOSITAE: *Antennaria neglecta* Greene Moore 25. *Arctium lappa* L. Sargent & Henderson s.n. *Arctium minus* (Hill) Bernh. McClain 150. *Artemisia annua* L. Mertz 123. *Aster ericoides* L. Ebinger 4233. *Aster exiguus* (Fern.) Rydb. Burns 119. *Aster ontarionis* Wieg. Ebinger 10914. *Aster praealtus* Poir. Miller 84. *Bidens comosa* (Gray) Wieg. Moore 213. *Bidens polylepis* Blake Ebinger 5107. *Bidens vulgata* Greene Rayhill 77. *Cacalia tuberosa* Nutt. Sampson 4. *Carduus nutans* L. Thut s.n. *Centaurea cyanus* L. Ebinger 4630. *Cirsium arvense* (L.) Scop. Smeltzer 111. *Dyssodia papposa* (Vent.) Hitchc. Sargent s.n. *Echinops sphaerocephalus* L. Stover s.n. *Erechtites hieracifolia* (L.) Raf. Burns 34. *Erigeron strigosus* Muhl. Ebinger 4351. *Helianthus annuus* L. Henderson 179. *Helianthus decapetalus* L. Moore 146. *Helianthus hirsutus* Raf. Ebinger 5108. *Hieracium scabrum* Michx. Thut s.n. *Liatrix scabra* (Greene) K. Schum. Sij 24. *Polymnia canadensis* L. Ebinger 4787. *Rudbeckia laciniata* L. Ebinger 7875. *Rudbeckia subtomentosa* Pursh Ebinger 4801. *Senecio vulgaris* L. Ebinger 10426. *Solidago media* (Greene) Bush Sij 26. *Sonchus asper* (L.) Hill Ebinger 11808. *Tragopogon dubius* Scop. Ebinger 4418.
- CONVOLVULACEAE: *Convolvulus arvensis* L. Ebinger 4563. *Cuscuta polygonorum* Engelm. Dolbeare 2903. *Ipomoea hederacea* Jacq. Crabill 49. *Ipomoea purpurea* (L.) Roth Burns 272.
- CORNACEAE: *Nyssa sylvatica* Marsh Ebinger 6032.
- CRASSULACEAE: *Sedum ternatum* Michx. Ebinger 10709.
- CRUCIFERAE: *Alliaria officinalis* Andrz. Ebinger 4405. *Arabis shortii* (Fern.) Gleason Ebinger 4277. *Arabis virginica* (L.) Poir. Ebinger 5279. *Brassica nigra* (L.) Koch Ebinger 4562. *Descurainia sophia* (L.) Webb McClain 229. *Hesperis matronalis* L. Ebinger 5466. *Lepidium densiflorum* Schrad. Ebinger 4426. *Sisymbrium altissimum* L. Ebinger 5719.
- CUCURBITACEAE: *Sicyos angulatus* L. Ebinger 7887.
- DIPSACACEAE: *Dipsacus sylvestris* Huds. Ebinger 7158.
- EUPHORBIACEAE: *Acalypha deamii* (Weatherby) Ahles Ebinger 7941. *Acalypha ostryaefolia* Riddell Thut s.n. *Euphorbia cyparissias* L. Phipps s.n. *Euphorbia marginata* Pursh Iytalis 70.
- FAGACEAE: *Quercus palustris* Muench. Moore 263.
- FUMARIACEAE: *Dicentra canadensis* (Goldie) Walp. Ebinger 9394.
- GENTIANACEAE: *Gentiana flava* Gray Ebinger 7914. *Gentiana puberula* Michx. Ebinger 6842.
- HALORAGACEAE: *Myriophyllum spicatum* L. Ebinger 10462.
- HYPERICACEAE: *Hypericum prolificum* L. Stover s.n.
- LABIATAE: *Lamium amplexicaule* L. Diel s.n. *Leonurus cardiaca* L. Ebinger 7317. *Lycopus americanus* Muhl. Moore 207. *Mentha cardiaca* Gerarde ex Baker Arzeni s.n. *Nepeta cataria* L. Thut s.n.

- Scutellaria parvula* Michx. Thut s.n. *Stachys hispida* Pursh Eytalis 15.
- LEGUMINOSAE: *Astragalus canadensis* L. Ebinger 5791. *Baptisia leucantha* T. & G. Ernst s.n. *Baptisia leucophaea* Nutt. Ebinger 4361. *Cassia marilandica* L. Cravey s.n. *Coronilla varia* L. Ebinger 8503. *Desmanthus illinoensis* (Michx.) MacM. Ebinger 4575. *Desmodium rotundifolium* DC. Ebinger 10707. *Lathyrus latifolius* L. Eytalis 71. *Lathyrus myrtifolius* Muhl. Sampson 1171. *Lespedeza cuneata* (Dum.-Cours.) G. Don Ebinger 10956. *Lespedeza thunbergii* (DC.) Nakai Ebinger 10955. *Lotus corniculatus* L. Ebinger 4647. *Petalostemum candidum* (Willd.) Michx. Sampson 1128a. *Robinia pseudoacacia* L. Moore 226. *Strophostyles helvola* (L.) Britt. Thut s.n. *Vicia villosa* Roth Ebinger 10433.
- LINACEAE: *Linum perenne* L. Thut & Diel s.n. *Linum usitatissimum* L. Ebinger 7604.
- MALVACEAE: *Abutilon theophrasti* Medic. Poole 89. *Althaea rosea* (L.) Cav. Ebinger 7605. *Hibiscus militaris* Cav. Ebinger 7862. *Hibiscus trionum* L. Ebinger 7320.
- MORACEAE: *Morus alba* L. Ebinger 4614.
- NELUMBONACEAE: *Nelumbolutea* (Willd.) Pers. Ebinger 10975.
- NYMPHAEACEAE: *Nuphar advena* Ait. Ebinger 11063.
- OLEACEAE: *Fraxinus lanceolata* Borkh. Ebinger 7367. *Ligustrum vulgare* L. Ebinger 6841.
- ONAGRACEAE: *Gaura parviflora* Dougl. Stover s.n. *Jussiaea repens* L. Ebinger 10972. *Ludwigia alternifolia* L. Ebinger 5803. *Ludwigia palustris* (L.) Ell. Ebinger 11066. *Oenothera speciosa* Nutt. Sampson 1347.
- PAPAVERACEAE: *Papaver somniferum* L. Stover s.n.
- POLEMONIACEAE: *Phlox glaberrima* L. Sampson s.n.
- POLYGONACEAE: *Polygonum erectum* L. Ebinger 9128. *Polygonum hydropiperoides* Michx. Ebinger 7864. *Polygonum lapathifolium* L. Thut s.n. *Polygonum longisetum* De Bruyn Gerlach 71. *Polygonum ramosissimum* Michx. Ebinger 7909. *Rumex obtusifolius* L. Winslow 59.
- PRIMULACEAE: *Anagallis arvensis* L. Roberts s.n. *Lysimachia nummularia* L. Ebinger 4384.
- RANUNCULACEAE: *Anemone canadensis* L. Sampson 635. *Clematis pitcheri* Torr. & Gary Ebinger 11043. *Delphinium tricorne* Michx. Ebinger 6142. *Hydrastis canadensis* L. Stover s.n. *Ranunculus fascicularis* Muhl. Ebinger 6184. *Ranunculus longirostris* Godr. Ebinger 11070. *Thalictrum hypoglaucom* Rydb. Thut, Phippen, & Bell s.n.
- RHAMNACEAE: *Rhamnus cathartica* L. Ebinger 4380.
- ROSACEAE: *Malus pumila* Mill. Mueller 803. *Rosa setigera* Michx. Thut, McGinnis, & Pixley s.n.
- RUBIACEAE: *Galium obtusum* Bigel. Ebinger 4363.
- SALICACEAE: *Populus alba* L. Ebinger 4486. *Populus grandidentata* Michx. Ebinger 6625.
- SANTALACEAE: *Comandra umbellata* (L.) Nutt. Ebinger 4365.
- SAXIFRAGACEAE: *Mitella diphylla* L. Sampson s.n.
- SCROPHULARIACEAE: *Castilleja coccinea* (L.) Spreng. Sargent s.n. *Chaenorrhinum minus* (L.) Lange Ebinger 4572. *Chelone obliqua* L. Ebinger 10915. *Leucospora multifida* (Michx.) Nutt. Ebinger 10970. *Linaria vulgaris* Hill Ebinger 7602. *Lindernia dubia* (L.) Pennell Ebinger 7873. *Pedicularis canadensis* L. Arzeni s.n. *Verbas-*

- cum virgatum* Stokes Ebinger 7312. *Veronica persica* Poir. Mertz 171.
- SIMARUBACEAE: *Ailanthus altissima* (Mill.) Swingle Ebinger 4645.
- SOLANACEAE: *Lycium halimifolium* Mill. Ebinger 6627. *Solanum dulcamara* L. McClain 294.
- ULMACEAE: *Ulmus pumila* L. Ebinger 6800.
- UMBELLIFERAE: *Conium maculatum* L. Dolbeare 2801. *Heraclium lanatum* Michx. Ebinger 5465. *Zizia aurea* (L.) Koch Ebinger 4350.
- VALERIANACEAE: *Valeriana pauciflora* Michx. Ebinger 7608.
- VERBENACEAE: *Verbena bracteata* Lag. & Redr. McClain 276. *Verbena hastata* L. Ebinger 5802. *Verbena simplex* Lehm. Ebinger 7313.
- VITACEAE: *Vitis cinerea* Engelm. Ebinger 7664.
- ZYGOPHYLLACEAE: *Tribulus terrestris* L. Phillippe 841.
- MONOCOTYLEDONEAE
- ALISMACEAE: *Sagittaria brevirostra* Mack. & Bush Dolbeare 2902.
- CYPERACEAE: *Carex lanuginosa* Michx. Ebinger 10456. *Cyperus filiculmis* Vahl Ebinger 10461. *Eleocharis engelmanni* Steud. Stover s.n. *Scirpus acutus* Muhl. Sampson 166. *Scirpus smithii* Gray Ebinger 10965.
- GRAMINEAE: *Aristida longespica* Poir. Moore 321. *Avena sativa* L. Ebinger 10427. *Bromus latiglumis* (Shear) Hitchc. Ebinger 7849. *Muhlenbergia glabriflora* Scribn. Furrey 100. *Panicum lindheimeri* Nash Moore 322. *Panicum miliaecum* L. Ebinger 10431. *Paspalum circulare* Nash Moore 302. *Poa annua* L. Ebinger 7437. *Setaria verticillata* (L.) Beauv. Warner s.n. *Sorghum vulgare* Pers. Ebinger 5867.
- IRIDACEAE: *Belamcanda chinensis* (L.) D.C. Brown 137.
- LEMNACEAE: *Spirodela polyrhiza* (L.) Schleid. Ebinger 11065. *Wolffia columbiana* Karst. Ebinger 10554.
- LILIACEAE: *Hemerocallis fulva* L. Ebinger 7606. *Hemerocallis flava* L. Ebinger 10428. *Lilium tigrinum* Ker Bowen 155. *Yucca filamentosa* L. Ebinger 12220.
- NAIADACEAE: *Naias quadalupensis* (Spreng.) Magnus Ebinger 10971.
- ORCHIDACEAE: *Corallorhiza odororhiza* (Willd.) Nutt. Winslow 124.
- POTAMOGETONACEAE: *Potamogeton pusillus* L. Dolbeare 2985.

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