ADDITIONS TO THE FLORA OF ILLINOIS

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ABSTRACT.—*Arundo donax, Carex alata, Carex prasina, Populus nigra, Carya x lecontei, Stellaria pubera, Polycnemum majus, Eryngium prostratum,* and *Lactuca hirsuta* are reported from Illinois for the first time. Significant range extensions for a few other species are also noted.

The distribution records reported in this paper are the result of collections made during my field work for the Illinois Nature Preserves Commission as well as my own personal collections of plants from southeastern Illinois. In addition to the nine taxa reported from Illinois for the first time, range extensions are given for seven other species. A voucher specimen of each taxon reported has been deposited in the herbarium of Southern Illinois University (SIU).

NEW TO ILLINOIS

Arundo donax L. I observed a stand of this giant reed grass for five years before finding it in flower. During this time it continued to spread by rhizomes until it now forms a clone some 30 to 40 feet long along a county road embankment about two and one-half miles west of Mounds in Pulaski County. I collected it in flower on 24 Oct 1970, *Schwegman 2233a.*

Carex alata T. &. G. Previous reports of this sedge from Illinois were referred to *C. brevior* or *C. suberecta* by Jones and Fuller (1955). I collected this rather large sedge with crowded ovate spikes at the south edge of a narrow cypress swamp just south of Round Pond Swamp, one mile west of New Liberty, Pope County on 19 Jun 1971, *Schwegman 2271.* Although new for Illinois, this record represents only about a 60 mile extension of range eastward from a station reported in Scott County, Missouri by Steyermark (1963).

Carex prasina Wahlenb. The western limit of range of this sedge is given as Michigan by Fernald (1950). However, Hartley (1966) cites a specimen from low springy woods at Devil's Lake, Sauk County, Wisconsin. The collection reported here is from a spring-fed sedge meadow at Siloam Springs State Park in Adams County where I collected it 24 May 1971, *Schwegman 2269.* This locality represents a 250 mile range extension to the southwest. There are many springs in the park that appear to be suitable habitat for this species, but I found it in only one relatively small meadow near the Brown County line. The drooping spikes with a few perigynia in the terminal spike and the nerveless perigynia with spreading beaks are good field characters of the species.

Populus nigra L. Although the lombardy poplar (*P. nigra var. italica*) has been reported as spontaneous along the beaches of Lake Michigan and elsewhere in Illinois, this appears to be the first report of the typical variety growing wild in the state. I collected it along a gravel road in the southeast quarter of the southeast quarter of Section 8 about one mile southwest of Herod, Pope County on 8 May 1971, *Schwegman 2268.* I have observed it at this location for several years and it continues to spread in the old field habitat in which it occurs.

Carya x lecontei Little. Mr. Max Hutchison and I discovered two trees of this hybrid hickory at Ft. Massac State Park, Massac County on 20 Dec 1971, *Schwegman 2281.* It is a hybrid between *Carya aquatica* and *C. illinoensis.* The trees occur on the east side of a slough on the flood-

plain of Massac Creek near its mouth at the Ohio River. Two specimens of *C. aquatica* grow just north of the hybrids and a single large *C. illinonsis* stands just southeast of them. The nuts of this hybrid combine characters of both parent species.

Stellaria pubera Michx. The great chickweed has been previously collected in Illinois (Cook County) where it was discovered by Julian Steyermark. Swink (1969) notes that there are no other known localities for this eastern species in the Chicago region, and states that since there is evidence of planting by a wildflower fancier in the vicinity of Steyermark's collection it is uncertain as to whether the Cook County plants are native or introduced. The plants reported here occur along both forks of Burke Creek in the southwest quarter of Sect. 4, T 15 S, R 6 E in Pope County where I collected it 13 Apr 1968 *Schwegman 1540*. It is common in western Kentucky and is no doubt native at this Pope County locality.

Polycnemum majus A. Br. This member of the Chenopodiaceae has rarely been reported as an introduced weed in eastern North America. I collected it along the Missouri Pacific Railroad tracks about two miles southeast of Fults in Monroe County on 28 Jul 1970, *Schwegman s .n.* I found only a single specimen.

Eryngium prostratum Nutt. This southern species of moist soil has long been known to occur in Western Kentucky and southeastern Missouri, but this appears to be the first report of it from Illinois. I collected it from the east shore of Teal Pond at the U.S. Forest Service Teal Pond Campground four miles northwest of Eddyville, Pope County on 7 Aug 1971 *Schwegman 2272*. There were at least two stands of this low mat-forming species present at the time of my collection.

Lactuca hirsuta Muhl. I collected this wild lettuce from a roadside near Little Saline River two miles north of McCormick in Pope County on 16 Jul 1970, *Schwegman s. n.* It grows in dry open woods and occasionally on disturbed roadsides. This eastern species has not previously been reported adjacent to Illinois, however I have collected it in western Kentucky as well as in southeastern Illinois.

Range Extensions Within Illinois

Dryopteris cristata (L.) Gray. The crested wood fern is known to occur in northeastern Illinois, with La Salle County being its most southwesterly reported station. I collected it in peat soils of a large spring along the south side of Spring Lake in western Tazewell County on 8 Aug 1971, *Schwegman 2280*.

Commelina erecta L. This dayflower is generally distributed in sandy soil areas of northern and western Illinois but has not previously been reported from the southern tip of the state. I collected it 8 Aug 1970, *Schwegman s. n.* along a railroad near the Ohio River north of Golconda, Pope County. Since that time, I have observed it at numerous localities along the banks of the Ohio River from Shetlerville to New Liberty in Pope County.

Sisyrinchium atlanticum Bickn. I collected the slender blue-eyed grass in a remnant of a moist black-soil prairie along an abandoned railroad about three miles northeast of Gillespie, Macoupin County on 17 Jun 1971, *Schwegman 2270*. Its only other reported occurrence in Illinois is in Kankakee County. The Macoupin County area is about midway between the Kankakee County locality and stations reported for the species in southeastern Missouri.

Quercus prinus L. The rock chestnut oak has previously been reported

in Illinois only from the steep cherty slopes of the Ozark Plateau in Alexander County and western Union County. Mr. Larry Martoglio of the Shawnee National Forest called my attention to a stand of this tree on Murray Bluff in southern Saline County. I collected specimens there on 8 Feb 1970, *Schwegman 2229a*. The trees are adjacent to a blacktop road and probably represent the most accessible stand of this rare tree in Illinois. It occurs on a northwest-facing slope northeast of the "gap" in Murray Bluff in the southeast quarter of Sect. 26, T 10 S, R 5 E. Attempts to locate additional stands of this tree in southeastern Illinois have proved futile.

Thaspium barbinode (Michx.) Nutt. This plant was found growing on a cool, shaded sandstone ledge in a ravine adjacent to Lusk Creek west of the center of Sect. 11, T 12 S, R 6 E in Pope County. I collected it 4 Jul 1970, *Schwegman s. n.* In Illinois it has not previously been reported south of Washington County.

Liatris ligulistylis (Nels.) K. Schum. Wunderlin (1966) reported this species from Illinois for the first time on the basis of a Cook County specimen. The stand reported here was brought to my attention by Mr. Henry Eilers of Litchfield. It grows in a tall-grass prairie remnant south of the road and just east of the dam at Lake Lou Yaeger about four miles east of Litchfield in Montgomery County. I collected it 29 Sep 1970, *Schwegman s. n.* Steyermark (1963) reports this species from several counties bordering the Mississippi River in Missouri about 75 miles west of the population reported here.

Cacalia suaveolens L. This large conspicuous composite grows in wet floodplain woods and on the margins of springfed swamps along Little Saline River in northwestern Pope County about two miles north of McCormick. I collected it in flower on 5 Sep 1970, *Schwegman s. n.* It was previously reported no farther south in Illinois than Wabash County.

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