

## Notes on Oklahoma Plants

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The following plants, deposited in the Bebb Herbarium, are thought to be either new records for Oklahoma, in which case they are indicated by an asterisk, or they are noteworthy from a distributional standpoint. Much credit is due Mr. Jack Engleman for an exceptionally interesting collection of plants from the northwest part of the state.

\**Arthraxon hispidus* (Thunb.) Makino var. *cryptatherus* (Hack.) Honda. Growing in very moist ground along a brook near McSpadden Falls, northeast of Tahlequah, Cherokee Co., Sept. 29, 1956, Dr. A. P. Blair. This Oriental introduction is a rarity in the United States, having been collected but occasionally, mostly in the eastern part of the U. S. It was not reported from Virginia until 1936 when Prof. Fernald (1) listed his and his colleagues 1935 collection. Its migration westward into Oklahoma seems to be slow, for it is over 20 years ago that Steyemark (3) reported it for the first time in Missouri.

*Bouteloua eriopoda* (Torr.) Torr. Material of this, collected by Jack Engleman from northwest of Guymon, Texas Co., constitutes our first record of the species in Oklahoma east of the Black Mesa region in Cimarron Co.

*Oryzopsis hymenoides* (R. & S.) Ricker. A collection of this grass, also made by Jack Engleman, from the northwest corner of Texas Co., moves the known distribution one county eastward.

*Panicum texanum* Buckl. Collected on strand of Lake Texoma, University of Oklahoma Biological Station, Marshall Co., Aug. 7, 1950, Goodman 6349. This collection is mentioned because the species is collected so infrequently in Oklahoma. Besides a probably cultivated specimen, there is but one other state collection in the Bebb Herbarium, it being from Greer Co., collected by Rotha Bull in 1931.

\**Cyperus lancastrlensis* Porter. This eastern species, reported from as far west as Missouri and Arkansas, now has its known range extended westward one more state. It was found as an infrequent plant in damp, sandy soil of Island No. 2, Lake Texoma, Marshall Co., July 28, 1955, Goodman 6166. Dr. F. J. Hermann, who has kindly examined material of this collection, agrees with this identification.

\**Arenaria Hookeri* Nutt. Collected in shallow, gravelly areas of Cimarron River bottoms, south of Kohler ranch headquarters, northwest of Boise City, June 22, 1955, Jack Engleman. This species is primarily of the foothills and plains east of the Rocky Mountains. The southwestern most point for it recorded by Maguire (2), in his conspectus of the genus, is El Paso Co., Colorado. Mr. Engleman's collection extends the range about 175 miles southeastward. The varieties of this species are not well defined, according to Maguire, but ours is best referred to var. *pinetorum* (A. Nels.) Maguire.

*Sphaeralcea angustifolia* (Cav.) Don var. *cuspidata* Gray. This attractive mallow, long known in Oklahoma from Cimarron Co. but from there only, was observed last spring in several places in Kiowa Co. while on the way to the Academy meetings. It occurred in disturbed soil along state highway 9. A documentary specimen was collected by T. R. Stemen on May 4, 1956.

*Limonium limbatum* Small. Excellent material was collected of this by Jack Engleman on Sept. 21, 1955, on a mud flat in the Cimarron River bottoms, southwest of Ames, Major Co., where it was growing with salt-grass. This is the second collection recorded for Oklahoma, the first being reported by Dr. Waterfall (4) from Harmon Co.

*Eupatorium perfoliatum* L. Collected in swampy ground of Canadian River bottoms, 0.5 mile east of the state line, Ellis Co., Aug. 23, 1955, Jack Engleman 952. No references yet seen record this plant so far west as the 100th meridian.

*Mikania scandens* (L.) Willd. This vine was found climbing on a small tree on Buncombe Creek, 2 miles north of the University of Oklahoma Biological Station, Marshall Co., July 20, 1956, Goodman 6345. Our previous Oklahoma records for this species are from LeFlore, McCurtain and Choctaw counties.

#### LITERATURE CITED

1. Fernald, M. L. 1936. Plants from the outer coastal plain of Virginia. *Rhod.* 38: 380, 395.
2. Maguire, B. 1951. *Arenaria* in America North of Mexico. *Amer. Midl. Nat.* 46: 498-511.
3. Steyermark, J. A. 1934. A grass new to Missouri. *Rhod.* 36: 313.
4. Waterfall, U. T. 1950. Some additions to the Oklahoma flora. *Rhod.* 52: 36.