
Comments on the Vascular Flora of Oklahoma

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Continued collecting of the vascular flora of Bryan County has produced a few additional specimens that seem to indicate notable range extensions, as has a few random collections from other locations in the state. Two specimens are reported that are thought to be new for the state. They are indicated by an asterisk. All specimens, unless other-

wise indicated, are those of John and Connie Taylor, and are deposited in the Bebb Herbarium, Norman.

We wish to express our sincere gratitude to Dr. G. J. Goodman for his advice and for placing the facilities of the Bebb Herbarium at our disposal. We also wish to extend our thanks to Bob Baalman and H. L. Hutcheson, who accompanied the senior author when collecting some of these specimens.

***Potamogeton illinoensis** Morong. was collected and identified by Dr. Wm. Vinyard from the fish hatchery 4.5 miles N of Durant in Bryan Co. during the summer of 1960. There is no number on the specimen. We have systematically collected this area during the last three summers, but have not been able to obtain additional specimens of this species. Perhaps it was introduced in some manner into the fish hatchery, but may not have become established.

Agrostis exarata Trin. was reported new to the state from 4 miles N of Kenton, Cimarron Co., by Waterfall (1950). Dr. Waterfall explained (personal communication) that this species was accidentally omitted from his Keys to the Flora of Oklahoma. Our No. 2529 from a branch of Tesquite Canyon, 6 miles S of Kenton seems to be the second collection of this species for the state.

***Andropogon ischaemum** L. This species, native to the Mediterranean area, has recently been commonly used in this part of the U. S. as a range grass, and has apparently become established in the state. We have collected it as No. 1053B, .5 miles W of Durant in a waste area, and 2.5 miles W of Durant in a meadow as No. 1896. We have also collected specimens from Grady, Cleveland, McClain, and Johnston Cos. Other Bebb Herbarium specimens are from Payne and Sequoyah Counties.

Trisetum interruptum Buckl. was collected in Bryan Co. as No. 1605, 2 miles W and 2 miles S of Mead in a sandy old field. This infrequently collected grass seems to be mainly western in distribution.

Carex flaccosperma Dewey was collected as No. 1681, 3 miles S of Bennington in Bryan County. This species was previously known from McCur. Co. (Waterfall, 1954).

Carex straminea Willd. Goodman (1963) reported this species as new to the state from Latimer County. Our No. 1477 from Bryan Co. was collected 1 mile W of Durant.

Cyperus plukenetii Fern. was collected in a hillside seepy area 4.5 miles NE of Bennington in Bryan Co. as No. 2476. It was previously known from Marshall Co. (Goodman, 1962).

Dichromena nivea Boeckl. This species was first reported from Marshall Co. (Goodman, 1952). The second and third Oklahoma collections are represented by No. 2329 from along Brushy Creek and No. 2457 from Bee Branch 7 miles and 4 miles respectively S of the town of Mill Creek, Johnston Co.

Heteranthera dubia (Jacq.) MacM. This species was collected (No. 2330) at the Brushy Creek location of No. 2329 above. It has been reported from Bryan, Delaware, and Payne Cos. (Stratton, 1948), however, Waterfall (1962) lists this species from Mayes Co. only. During three years of intensive collecting we have failed to obtain specimens of this species from Bryan Co.

Nemastylis nuttallii Pickering ex Foster. We have this species of rocky woods of eastern Oklahoma as No. 1349, collected 1.25 miles N and 2 miles W of Matoy in Bryan Co., and as No. 2098 from Ten Acre Rock, 1 mile E of Troy in Johnston County.

Polygonum sagittatum L. This uncommon vine is reported from eastern Oklahoma (Waterfall, 1962). Other Bebb Herbarium specimens are all from McCur. County. Our No. 969 was collected 1 mile N, 3.75 miles E of Bennington in Bryan County.

Kochia scoparia (L.) Schrad was collected from a sandy old field 1.5 miles S and 1 mile W of Mead. It has previously been known from western Oklahoma.

Portulaca umbraticola HBK. was collected in Cimarron Co. 8 miles S of Kenton as No. 2420. This plant has previously been known from SW Oklahoma.

Ranunculus longirostris Godron was collected from Willow Creek, 7 miles E of Kenton in Cimarron Co. as No. 2553. Bebb Herbarium specimens are all from the eastern half of the state.

Cercis canadensis var. **texensis** (S. Wats.) Hopkins Our specimen, No. 2160, was collected from a granite outcrop 3 miles S of Lone Wolf in Kiowa County. Bebb Herbarium specimens are from the Arbuckle Mountains and the immediately adjacent areas.

Erodium texanum Gray Our No. 1575 was collected 4 miles W and 1.25 miles S of Mead in Bryan County from a shady old field. It has previously been known from SW Oklahoma.

Myriophyllum exalbescens Fern. has only been recently reported as occurring in the state by Dr. Goodman (1962) from Comanche County. No. 2410 and No. 2555 were collected from Lake Etling in Black Mesa State Park Cimarron County.

Lysimachia lanceolata Walt. was collected from Brushy Creek, 7 miles S of the town of Mill Creek in Johnston County. Bebb Herbarium specimens indicate a range in the very SE part of the state in LeFl. and McCur. Counties.

Sarcostemma cynanchoides (Decne.) Schlect We have this species as No. 2499 from 3 miles S and 2 miles E of Albany from a sand dune area along the Red River floodplain. Bebb Herbarium specimens indicate a distribution mainly in western Oklahoma.

Veronica anagallis-aquatica L. was collected, No. 2551, from Willow Creek 7 miles E. of Kenton in Cimarron County. The Bebb Herbarium specimens are from central Oklahoma.

Lobelia cardinalis L. Bebb Herbarium specimens indicate that this species has been collected in Oklahoma as far west as Beaver in Beaver County. Our No. 2509 was collected in Cimarron Co. from Tessequite Canyon, 6 miles S of Kenton.

Cirsium texanum Buckley was first reported by Goodman (1962) from Marshall Co. Taylor and Taylor (1964) reported it from Bryan Co. around the shore of Lake Texoma. It is now known from Kiowa Co. (No. 2147) 5 miles W of Hobart where it was collected from the roadside of SH 44; and from Jackson Co. (No. 2190) where it was collected 30 miles SW of Altus along the Red River.

Solidago rugosa var. **celtidifolia** (Small) Fern was reported from near Page in LeFlore Co. by Waterfall (1952) and from the Oklahoma Ozarks by Waterfall and Wallis (1963). Our No. 543 was collected along the Clear Boggy Creek bottom, 2.5 miles N, 1.5 miles E of Cade in Bryan County.