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Additions to the Flora of Mahaska Country, Iowa

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ADDITIONS TO THE FLORA OF MAHASKA
COUNTY, IOWA

D. W. AUGUSTINE

Since the initial collections in the county for the first survey made in 1938, a few more plants which are residents of the locality have been discovered. In addition the work of other earlier investigators in the flora of the region have revealed a few species of plants which were not recorded in the original review.

It is the purpose of this work to record these additions and make the floristic list more complete.

Specimens cited below are followed by the name of a collector and are in possession of Wm. Penn College. All other specimens cited are collections of the author and are in his possession.

Polypodium virginianum (L.) (*Polypodium vulgare* Am. auth.) Golden Polypody. Bluffs of the Des Moines River 10 mi. s. w. of Oskaloosa, Aug. 13, 1940. No. 837.

Camptosorus rhizophyllus (L.) Link. Walking Fern. Bluffs of the Des Moines River 10 mi. s. w. of Oskaloosa, Aug. 13, 1940. No. 836.

Pteretis nodulosa (Michx.) Nieuwland. (*Matteuccia Struthiopteris* (L.) Todaro.) Ostrich Fern. Oskaloosa, 1890, no collector's name.

Botrychium virginianum (L.) Sw. Rattlesnake Fern. Bluffs, May 23, 1925, Clara Deadman.

Phalaris arundinacea L. Reed-canary Grass. Ditch bank, 2 mi. n. w. of Eddyville, Sept. 23, 1939. No. 774.

Sorghastrum nutans (L.) Nash. Indian Grass. One mi. n. of New Sharon, Oct. 11, 1939. No. 808.

Carex lupuliformis Sartwell. Hop-like Sedge. One mi. n. of New Sharon, Oct. 11, 1939. No. 801.

C. tribuloides Wahl. Blunt-broom Sedge. Wet, open ground 2 mi. w. of Wright, May 30, 1940. No. 821.

Eriophorum viridicarinatum (Engelm.) Fernald. Thin-leaved Cotton-grass. One mi. n. of New Sharon, Oct. 11, 1939. No. 803.

Scirpus fluviatilis (Torr.) A. Gray. River Bulrush. Wet ground, n. outskirts of Oskaloosa, Sept. 25, 1939. No. 788.

Juncus Torreyi Coville. Torrey's Rush. Wet ground, n. outskirts of Oskaloosa, Sept. 25, 1939. No. 786.

Validallium tricoccum (Ait.) Small. (*Allium tricoccum* Ait.) Wild Leek. One mi. n. of New Sharon, June 17, 1940. No. 832.

Polygonum prolificum (Small) B. L. Robinson. Proliferous Knotweed. Waste ground of a fence row 9 mi. s. w. of Oskaloosa. No. 835.

Rumex verticillatus L. Swamp Dock. Wet ground, 1 mi. n. of New Sharon, Oct. 11, 1939. No. 806.

Aquilegia vulgaris L. European Columbine. Oskaloosa, June 1, 1891, Lena McCurdy.

- Delphinium Ajacis* L. Rocket Larkspur. Oskaloosa, July 28, 1929, *Hazel Bennett*.
- D. exaltatum* Ait. Tall Larkspur. Oskaloosa, May, 1888, Mahaska County Natural History Society, *Doner A. A. 653*.
- Ranunculus acris* L. Meadow Buttercup. Oskaloosa, June 1, 1892, *Mary Ellen Sturgeon*.
- R. Hispidus* Michx. Hispid Buttercup. Woodland, Oskaloosa, May 18, 1895, *Mary Sproul*.
- R. Macounii* Britton. Macoun's Buttercup. Oskaloosa, May 6, 1896, *Iva Case*.
- R. pennsylvanicus* L. Bristly Buttercup. Oskaloosa, May 24, 1895, *Elaine Hull*.
- Menispermum canadense* L. Moonseed. Bank of the South Skunk River 7 mi. e. of Oskaloosa, May 26, 1940. *No. 814*.
- Rorippa obtusa* (Nutt.) Britton. (*Radicula obtusa* Greene.) Blunt-leaved Yellow-cress. Bank of the South Skunk River, 7 mi. e. of Oskaloosa, May 26, 1940. *No. 812*.
- Duchesnea indica* (Andr.) Focke. Indian Strawberry. South of Oskaloosa, Sept., 1935, *Ralph Laughlin*.
- Astragalus canadensis* L. Canadian Milk Vetch. Oskaloosa, July 17, 1929, *Hazel Bennett*.
- Viola cucullata* Ait. Marsh Blue Violet. Two mi. w. of Wright by the roadside and on an abandoned railroad ballast, May 30, 1940. *No. 822*.
- V. pedata* L. Bird's-foot Violet. Woodland, Oskaloosa, May 22, 1895, *Edna Moody*.
- V. pubescens* Ait. Downy Yellow Violet. Woods, Oskaloosa, May 26, 1895, *Bessie Bennett*.
- V. tricolor* L. Pansy. Woods, Oskaloosa, May 19, 1886, *Callis Shumate*.
- Acerates viridiflora* (Raf.) Eaton. Green Milkweed. Oskaloosa, July 8, 1929, *Hazel Bennett*.
- Asclepias pumila* (A. Gray) Vail. Low Milkweed. Oskaloosa, Aug. 8, 1929, *Hazel Bennett*.
- Phlox maculata* L. Wild Sweet-William. Moist ground, Oskaloosa, May 29, 1896, *Willis Jordan*.
- P. paniculata* L. Garden Phlox. Moist places, Oskaloosa, May 27, 1895, *Alice Johnson*.
- Plantago eriopoda* Torr. Saline Plantain. Oskaloosa, Aug. 2, 1929, *Alfred R. Stanley*.
- Lonicera sempervirens* Ait. Trumpet Honeysuckle. Oskaloosa, May 29, 1895, *Ida Baum*.
- Xylosteon tataricum* (L.) Medic. (*Lonicera tatarica* L.) Tartarian Bush-Honeysuckle. Oskaloosa, May 29, 1892, *Flora A. Schneider*.
- Actinomeris alternifolia* (L.) DC. Wingstem. North of Oskaloosa near the South Skunk River, Sept. 30, 1939. *No. 790*.
- Bidens vulgata* Greene. Tall Beggar-ticks. North outskirts of Oskaloosa, Sept. 25, 1939. *No. 789*.

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Centaurea Cyanus L. Corn Blue-bottle. Oskaloosa, May 27, 1896, *Flora Wherry*.

Helianthus subtuberosus Bourgeau. Indian Potato. Winograsky farm 2 mi. n. w. of Eddyville, Sept. 23, 1939. *No. 773*.

H. petiolaris Nutt. Prairie Sunflower. Oskaloosa, Aug. 21, 1929, *Hazel Bennett*.

Mesadenia tuberosa (Nutt.) Britton. (*Cacalia tuberosa* Nutt.) Tuberous Indian Plantain. Oskaloosa, July 17, 1929, *Alfred R. Stanley*.

Senecio palustris (L.) Hook. Marsh Fleawort. Wet ground, 2 mi. w. of Wright, May 30, 1940. *No. 817*.

BIOLOGY DEPARTMENT,
WM. PENN COLLEGE,
OSKALOOSA, IOWA.