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Phemeranthus rugospermus (Holz.) Kiger

William E. McClain

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Montiaceae, *Phemeranthus rugospermus*, (Holz.) Kiger. USA, Illinois, Monroe, Degraded sandstone glade; 3.25 miles NW of Ames on unnamed tributary of the South Fork of Horse Creek. T4S, R9W, NE1/4, SE1/4, S 15. N38.18487, W90.08671, Alt. 176.57 m., 2010-08-05, McClain, William E., 2764, (EIU). Stover-Ebinger Herbarium, Eastern Illinois University. http://thekeep.eiu.edu/herbarium_specimens_byname/19790



Eastern Illinois University



EIU078784

Stover-Ebinger Herbarium

Phemeranthus rugospermus (Holz.) Kiger

Verified by Dr. Stewart Ware 2014

Herbarium of Eastern Illinois University (EIU)

Talinum rugospermum Holz.

[= *Phemeranthus rugospermus* (Holzinger) Kiger]

Determined: John E. Ebinger, Sept. 2010

STOVER-EBINGER HERBARIUM
EASTERN ILLINOIS UNIVERSITY
Charleston, Illinois
Plants of: ILLINOIS County: Monroe

Talinum (Phemeranthus)

Degraded sandstone glade; 3.25 miles NW of Ames on unnamed tributary of the South Fork of Horse Creek. T4S, R9W, NE 1/4, SE 1/4 S 15. N38.18487, W90.08671, Alt. 176.57 m.

Leaves terete and fleshy.
Petals 8-10 mm in length, pink to purple, 35-50 stamens per flower, style exerted 2 to 3 mm beyond stamens at anthesis; sepals 2.5 to 3.5 mm in length.

Collector: William E. McClain 2764
Date: 5 August 2010

Phemeranthus Specimens

William McClain

2764

A total of 674 plants counted on flat outcrop of Au Vase Sandstone along unnamed tributary of Horse Creek, Monroe County, Illinois. Plants are growing in "basins" with mosses and lichens or cracks in the sandstone. N38.18487, W90.08671. T4S, R9W, SE1/4 S 15 of 3 PM. 5 August 2010.

Measurements and data from 2009

Habitat: Degraded sandstone glade or outcrop, 5 x 41 m in size. Plants are growing with lichens and mosses in shallow depressions within the sandstone that temporarily hold water following rains.