This native perennial plant is 1-2' (30-61 cm) tall, with a stout smooth stem that is unbranched. The yellowish or olive green leaves are opposite and strongly clasp the central stem. However, the three leaves beneath the uppermost flowers are whorled. These leaves are broadly lanceolate, ovate, or cordate, and extend up to 3" long and 2" across. There is a prominent central vein, and two side veins that parallel the smooth margins. In the upper half of the plant, 2-7 flowers emerge from the axils of the leaves, with a greater number of flowers at the apex. The tube-shaped flowers are individually about 1 1/2" long and 3/4" across, and have 5 petals with small erect tips. They are white, greenish white, or yellowish white, depending on the local ecotype. At the Peacock/Woodworth Prairie, blooms about the 1st week of August through the 1st week of September.