

“The Importance of The Blufflands for Prairie and Savanna Biota”

Poorly understood critters, crawlers and plants

Armund Bartz

Bureau of Natural Heritage Conservation



Prairie: “Globally Rare” < 1/10 of 1% remains

Photo by Dean Edlin







Prairie Phlox



Bird's-foot Violet



Side-oats Grama



A close-up photograph of a mustache grass (Pennisetum polystachion) growing from a crack in a dark, textured rock. The grass has a long, thin green stem and a dense, cylindrical spikelet with a fuzzy, yellowish-brown appearance. The background shows more of the rock and some other vegetation.

Mustache grass

Sand Cancer Root (Th)



Photo by Emily
Dale Dierauer Farm

Hill's Thistle (Th)





**Lady's-
tresses
orchid**

A photograph of a tall, slender Indian Paintbrush plant with a bright yellow flower head. The plant is in the foreground, surrounded by tall, dry grasses. In the background, there are rolling green hills and other smaller red flowers scattered throughout the field. The sky is a pale, overcast blue.

Indian Paintbrush

Prairie Dunewort Fern (End)





Prickly Pear Cactus





Prairie Lily

Downy Gentian





**Fringed
Gentian**

Prairie Racerunner





**Prairie Ringneck
Snake**



Bullsnake







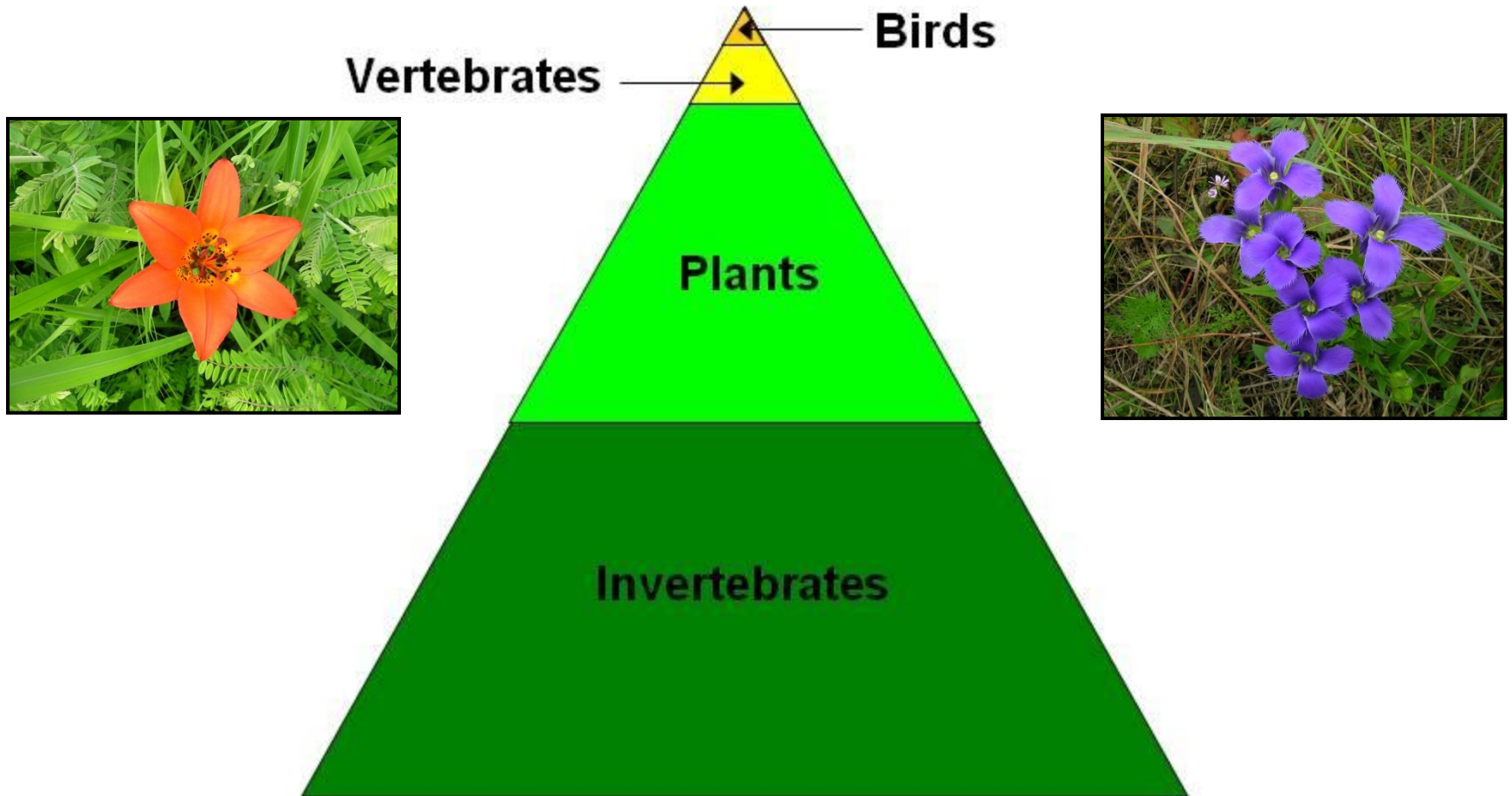


Timber Rattlesnake





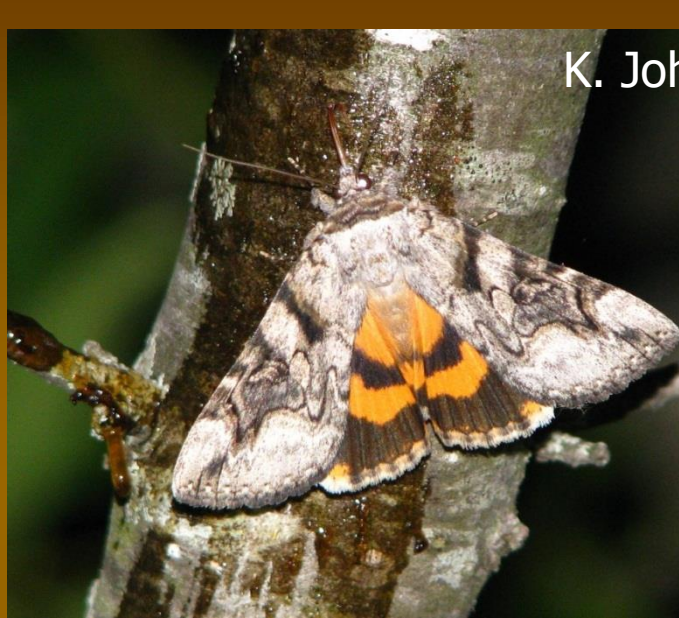
Biodiversity in Grasslands





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"Known" leadplant species



K. Johnson



K. Johnson



K. Johnson



MJ Hatfield

Dry Prairie Snails (6)





A silhouette of a thorny plant, possibly a cactus or a similar desert species, stands against a dramatic sunset sky. The sky is filled with soft, horizontal clouds, transitioning from a deep blue at the top to a vibrant orange and red near the horizon. The plant's silhouette is dark and detailed, showing its spines and leaves. The overall mood is contemplative and serene.

Questions?

A photograph of an oak savanna landscape. In the foreground, a large, mature oak tree with a thick, textured trunk and a wide, spreading canopy of green leaves dominates the right side. The ground is a mix of brown soil, dry leaves, and patches of green grass and small plants. In the middle ground, a person wearing a light-colored shirt, blue jeans, and a cap stands near a smaller tree, holding a long stick or pole. The background is filled with many tall, slender trees, likely pines or firs, creating a dense forest. The overall scene is bright and sunny, with dappled light on the ground.

Oak Savanna

Whip-poor-will



“Lil” Whipster









Houseboat hobo band. Winona County Historical Society





Juniper Hairstreak Butterfly





Ottoe Skipper