## **THISTLE IDENTIFICATION**

The Nebraska Environmental Trust



## **NEBRASKA NATIVE THISTLES**

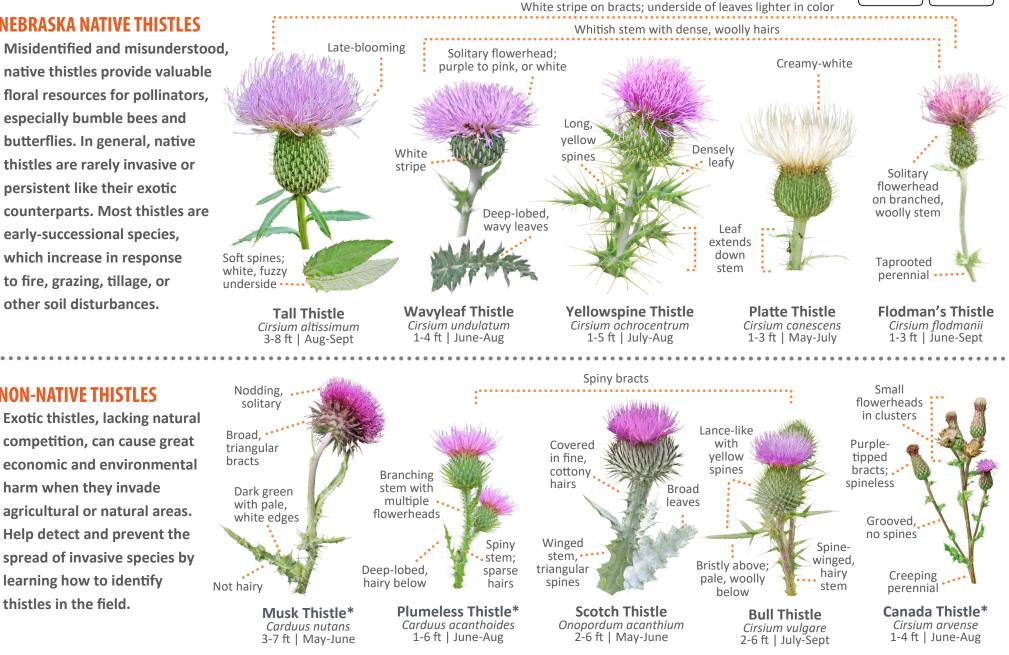
Misidentified and misunderstood, native thistles provide valuable floral resources for pollinators, especially bumble bees and butterflies. In general, native thistles are rarely invasive or persistent like their exotic counterparts. Most thistles are early-successional species, which increase in response to fire, grazing, tillage, or other soil disturbances.

**NON-NATIVE THISTLES** 

harm when they invade

learning how to identify

thistles in the field.



Pheasants Forever is dedicated to the conservation of pheasants, quail and other wildlife through habitat improvements, public awareness, education and land management policies and programs.

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ability, while attracting insects that limit thistle success.

Weevils have been introduced as biocontrol agents for

limiting seed production of Platte and Wavyleaf Thistle.

invasive thistles. However, in the Nebraska Sandhills, weevils

have caused a sharp decline in native thistle populations by

Image credits:

COD Plumeless Thistle by Matt Lavin

🐨 🕀 Canada Thistle by Andrey Zharkikh | Musk Thistle by botanygirl

☺●● Flodman Thistle rosette by Pat Deacon | Tall Thistle leaf by tsc-wis Tall Thistle rosette by Ryan Donnelly | Yellowspine Thistle by Ellen Hildebrandt

Platte Thistle rosette by Pamela B. Trewatha, Missouri State University

Musk Thistle rosette by Annika Lindqvist | Plumeless Thistle rosette by Andreas Rockstein

Biennials are prolific seed producers because it's their only means of survival. Use chemical control during rosette stages (spring and fall) or mow thistles before they flower. Thistle seeds can remain viable in the soil for many years.