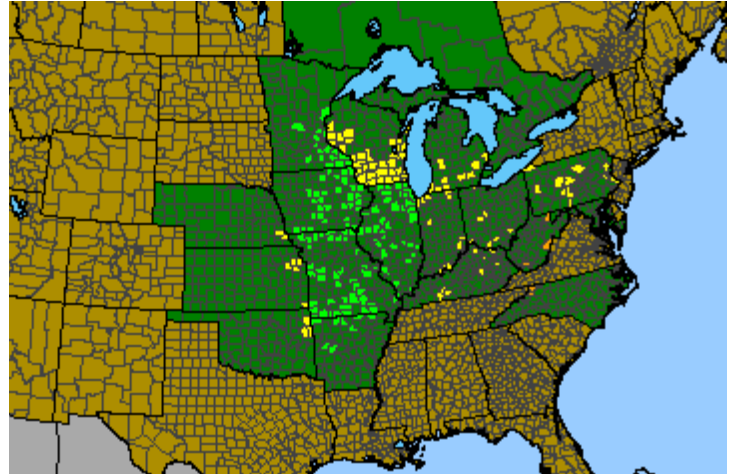


# cream gentian

## *Gentiana alba*

Gentianaceae (Gentian family)

As the only white or cream colored gentian, this one is relatively to identify when in bloom. Occasionally bottle gentians will have white flowers, but they prefer more moist habitats, and the flower shape is different, with a more rounded tip and more tightly closed blossom all around. Leaves are oppositely arranged, clasp the stem, smooth with a sharp tip.



Map Credit: Floristic Synthesis of NA © 2010 BONAP

native

Perennial

forb

Height                      Width  
1'-3'

Flower Color  
White, Cream

Bloom Time  
Late summer, Early fall

Fruit Type  
Capsule

Light Preference  
Full Sun, Mostly Sun, Part Shade

Moisture Preference  
Mesic, Wet-mesic

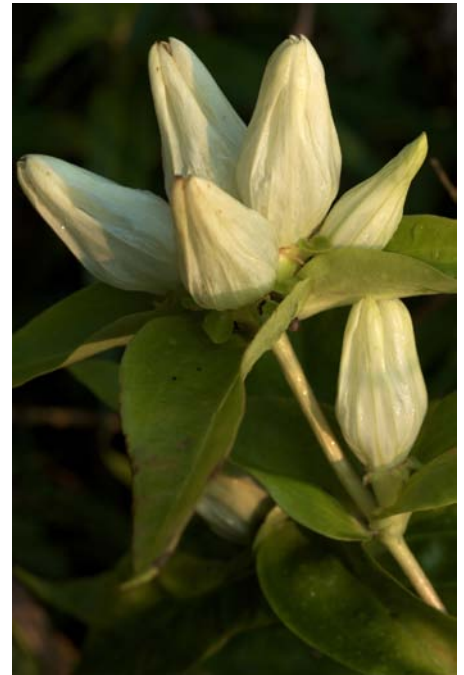
Habitat Type  
Mesic savanna, Mesic prairie, Wet-mesic prairie, Dry-mesic prairie, Oak opening, Restored prairie, Mesic sand prairie, Bedrock prairie, Dry-mesic savanna, wet-mesic savanna, Remnant prairie

Habitat Notes  
Common in higher quality prairie and savanna restorations since it is relatively easy to establish by seed.

Abundance

Conservation Status Threatened (WI)

CC WI 7              CC IL 9              CC Chi 9

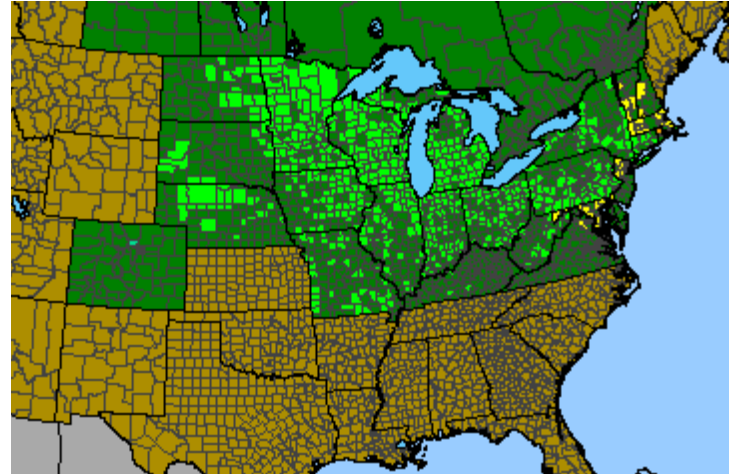


# bottle gentian

## *Gentiana andrewsii*

Gentianaceae (Gentian family)

Bottle gentian ranges from a brilliant indigo color to lavender, depending on the age of the flower and the particular plant. Occasionally some will have white flowers. The flower is tightly closed and narrow with a relatively pointed tip with fringes at the tip.



Map Credit: Floristic Synthesis of NA © 2010 BONAP

native

Perennial

forb

Height                      Width  
1'-3'

Flower Color

Purple, Indigo, Blue

Bloom Time

Late summer, Early fall, Mid-fall

Fruit Type

Capsule

Light Preference

Full Sun, Mostly Sun, Part Shade

Moisture Preference

Wet-mesic, Wet

Habitat Type

Wet-mesic prairie, Wet prairie, Sedge meadow, Shoreline, Stream side, Wet ditches, Seep, Fen, Marsh, Wet-mesic woodland, Mesic savanna, wet-mesic savanna, Wet sand prairie

Habitat Notes

This species is found in more moist habitats than cream gentian and more likely to be associated with remnant sites as well, however, it can be found in the highest quality restorations such as Greene Praire (Madison) and Meadowbrook Park (Urbana IL). Its

Abundance

Conservation Status Unlisted

CC WI 6

CC IL 7

CC Chi 8

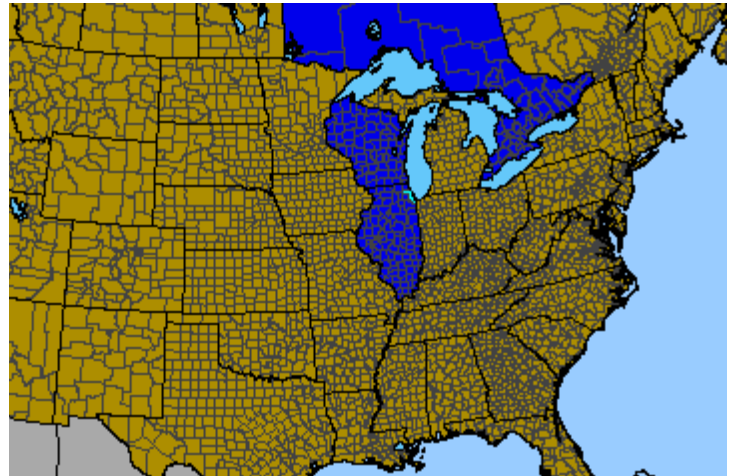


# garden gentian

## *Gentiana septemfida*

Gentianaceae (Gentian family)

A very rare garden escapee, similar to downy gentian but fringes between the pedals, flowers paler in color and height of the plant being shorter overall.



Map Credit: Floristic Synthesis of NA © 2010 BONAP

exotic

Perennial

forb

Height 6"-12"  
Width

Flower Color  
Indigo, Lavender, Pink

Bloom Time

Fruit Type

Capsule

Light Preference

Moisture Preference

Habitat Type

Habitat Notes



Abundance Rare

Conservation Status Unlisted

CC WI

CC IL

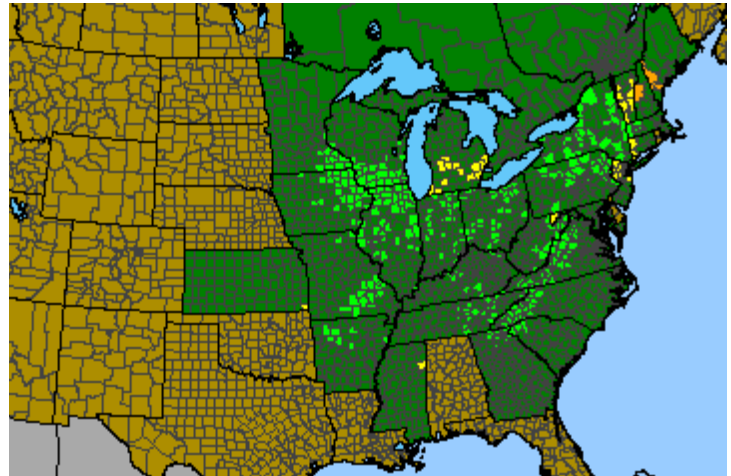
CC Chi

# stiff gentian

## *Gentianella quinquefolia*

Gentianaceae (Gentian family)

The flowers of stiff gentian are more pale than other gentians, lavender or magenta in color. They are also considerably smaller than other gentians, only about 2" long and less than 1" wide, but with more flowers per plant, clustered in groups at the top of plant and at leaf axles lower on the plant. Leaves are opposite and sessile, with each stem rotated about 90° from the pair above and below. Stems are smooth and square in cross-section.



Map Credit: Floristic Synthesis of NA © 2010 BONAP

native

Biennial  
Annual  
forb

Height                      Width  
6"-24"

Flower Color  
Purple, Lavender, Pink

Bloom Time  
Mid-fall, Late fall

Fruit Type  
Capsule

Light Preference  
Full Sun, Mostly Sun

Moisture Preference  
Dry, Dry-mesic, Mesic, Wet-mesic

Habitat Type  
Hill prairie, Gravel prairie, Dry-mesic prairie, Mesic prairie, Dry oak woodland, Mesic savanna, Wet-mesic prairie, Oak opening, Seep, Cliff, Dry-mesic savanna, Remnant prairie

Habitat Notes  
Often associated with downy gentian. Calcareous soils are a must. Usually in dryer prairies with rocky soil or at least that's where populations have managed to survive. Will also do well in black-soil tallgrass prairies where competition is limited thus allowing shorter plants like

Abundance

Conservation Status Unlisted

CC WI 7      CC IL 7      CC Chi 8

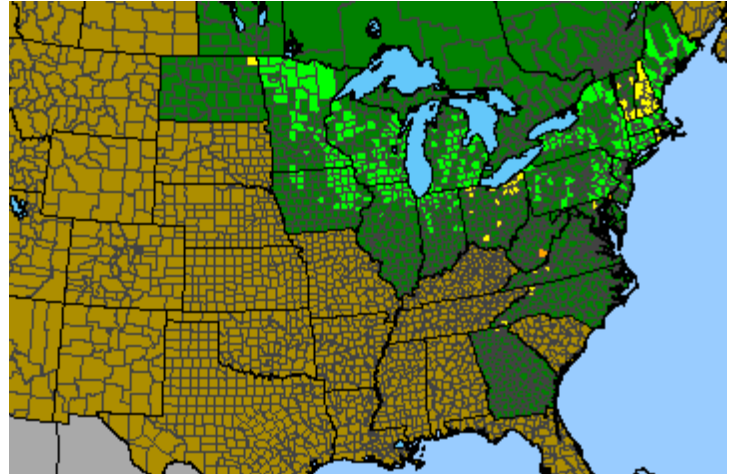


# greater fringed gentian

## *Gentianopsis crinita*

Gentianaceae (Gentian family)

Greater fringed gentian is more common and slightly larger than the lesser fringed gentian (*G. procera*). The greater fringed gentian has broader leaves (greater than 1 cm wide) more similar to those of many other gentians and the pedals are clearly fringed (deeply lobed, hair-like teeth) along the entire margin of the petals.



Map Credit: Floristic Synthesis of NA © 2010 BONAP

native

Annual  
Biennial  
forb

Height                      Width  
8"-24"

Flower Color  
Blue, Indigo

Bloom Time  
Late summer, Early fall, Mid-fall

Fruit Type  
Capsule

Light Preference  
Full Sun, Mostly Sun, Part Shade

Moisture Preference  
Wet-mesic, Wet

Habitat Type  
Marsh, Fen, Sedge meadow, Wet prairie,  
Wet-mesic prairie, Shoreline, Stream side,  
Lake beach, Wet sand prairie, sandy  
swales, wet-mesic savanna, Remnant  
prairie

Habitat Notes  
Restricted to high-quality wetland  
remnants. Was once exceedingly  
common in the wet swales between the  
sand dunes on the shores of lake  
Michigan.

Abundance

Conservation Status Unlisted

CC WI 6            CC IL 10            CC Chi 10

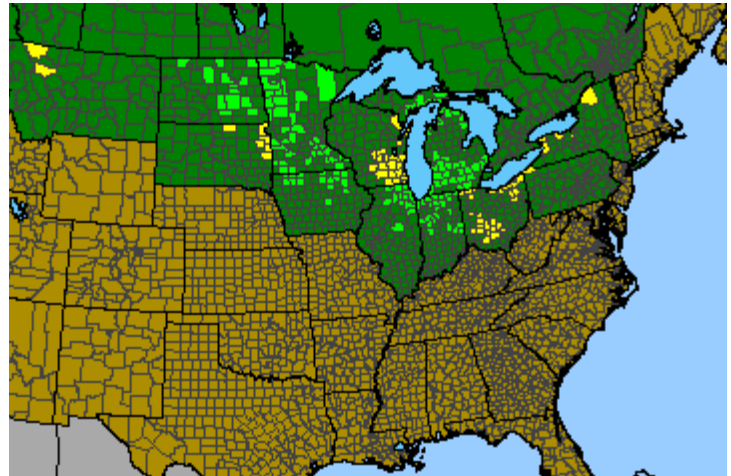


# lesser fringed gentian

## *Gentianopsis procera*

Gentianaceae (Gentian family)

Lesser fringed gentian is less common than, and generally similar to greater fringed gentian (*G. crinita*). The lesser fringed gentian can be distinguished by its generally slender, linear leaves (less than 1 cm wide) leaves and the fact that at the the pedals are only really fringed along the base and lower sides of the pedals, while the tips are better described at toothed or irregular.



Map Credit: Floristic Synthesis of NA © 2010 BONAP

native

Biennial  
Annual  
forb

Height                      Width  
8"-24"

Flower Color  
Indigo

Bloom Time  
Early fall, Mid-fall

Fruit Type  
Capsule

Light Preference  
Full Sun, Mostly Sun

Moisture Preference  
Wet-mesic, Wet

Habitat Type  
Stream side, Seep, Fen, Sedge meadow,  
Wet prairie

Habitat Notes  
This species is only found in sites where  
alkaline groundwater reaches the  
surface.

Abundance  Rare

Conservation Status Threatened (WI)

CC WI 8            CC IL 10            CC Chi 9

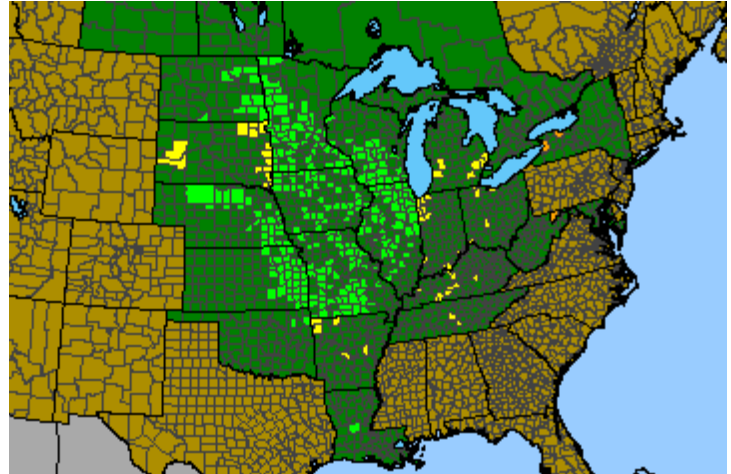


# downy gentian

## *Gentiana puberulenta*

Gentianaceae (Gentian family)

A showy flower with a tubular shape and open mouth with five distinctly spread pedals each with smooth margins and a pointed tip. Round stem with a slightly reddish color. Leaves and stem are lightly hairy. Leaves are sessile and lanceolate.



Map Credit: Floristic Synthesis of NA © 2010 BONAP

native

Perennial

forb

Height                      Width  
6-18"

Flower Color  
Blue

Bloom Time  
Early fall, Mid-fall

Fruit Type  
Capsule

Light Preference  
Full Sun, Mostly Sun, Part Shade

Moisture Preference  
Dry, Dry-mesic, Mesic

Habitat Type  
Hill prairie, Dry-mesic prairie, Mesic savanna, Mesic prairie, Gravel prairie, Dry-mesic savanna, Remnant prairie

Habitat Notes  
Often found in the same sites as stiff gentian. Often found on gravel hills, such as glacial moraines, drumlins and kames.

Abundance

Conservation Status Unlisted

CC WI 9      CC IL 9      CC Chi 10



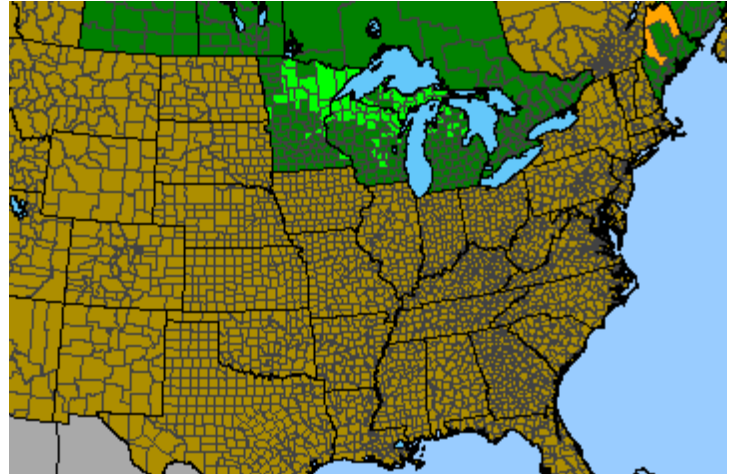


# red-stemmed gentian

## *Gentiana rubricaulis*

Gentianaceae (Gentian family)

Pale flowers with typically with pink to indigo spots on the pedals. Flower structure is most similar to that of soapwort gentian, that is not as tightly closed as bottle gentian, lacking the fringes at the top of the blossom with a more boxy and folded shape than bottle gentian. Leaves are stalkless and smooth. As the name indicates, stems are redish.



Map Credit: Floristic Synthesis of NA © 2010 BONAP

native

Perennial

forb

Height                      Width  
12"-28"

Flower Color

Cream, Lavander, White, Pink

Bloom Time

Late summer, Early fall

Fruit Type

Capsule

Light Preference

Full Sun, Mostly Sun, Part Shade

Moisture Preference

Wet-mesic, Wet

Habitat Type

Shoreline, Sedge meadow, Wet-mesic woodland, Wet prairie

Habitat Notes

Abundance  Uncommon

Conservation Status  Unlisted

CC WI 7

CC IL

CC Chi

