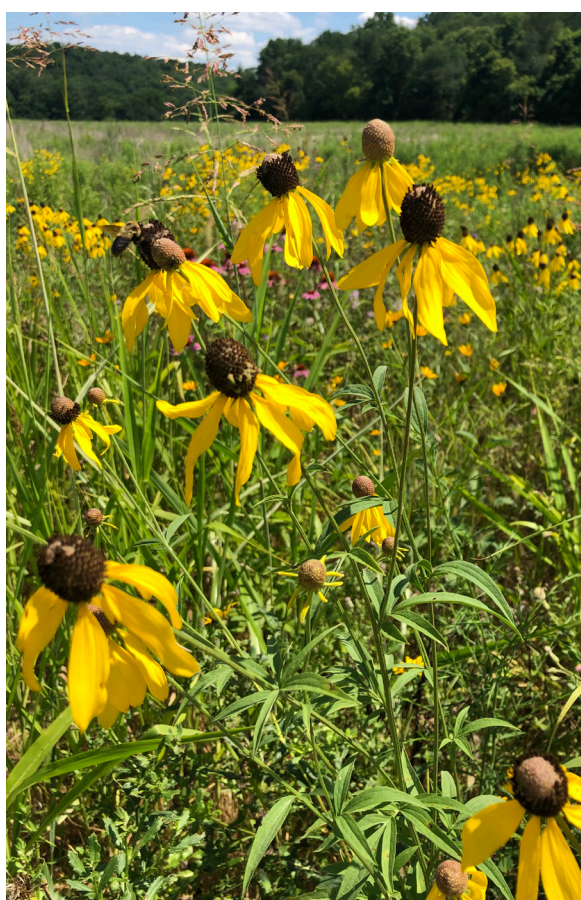


# Why are **ALL** green plants important?

Green plants help to support life on planet earth.

All green plants are important because they:



*Ratibida pinnata*  
Gray-headed Coneflower

## Produce oxygen and food through photosynthesis

- Plants absorb carbon dioxide from the air and release oxygen for animals to breathe
- They convert sun energy into food for wildlife, creating a simple sugar called glucose
- They provide a critical source of energy for the animals that eat their leaves

## Improve our soils

- They have roots that stabilize the soil  
Reducing soil erosion  
And minimizing runoff into streams
- They sequester carbon, locking it in the soil
- Leaf litter from deciduous plants adds organic matter to improve soil health



Image by jcomp on Freepik



*Nelumbo lutea*  
American Lotus

## Plants also

- Absorb nutrients from the soil, making them available to browsing wildlife
- Filter and clean pollutants from the air and water
- And protect wetlands