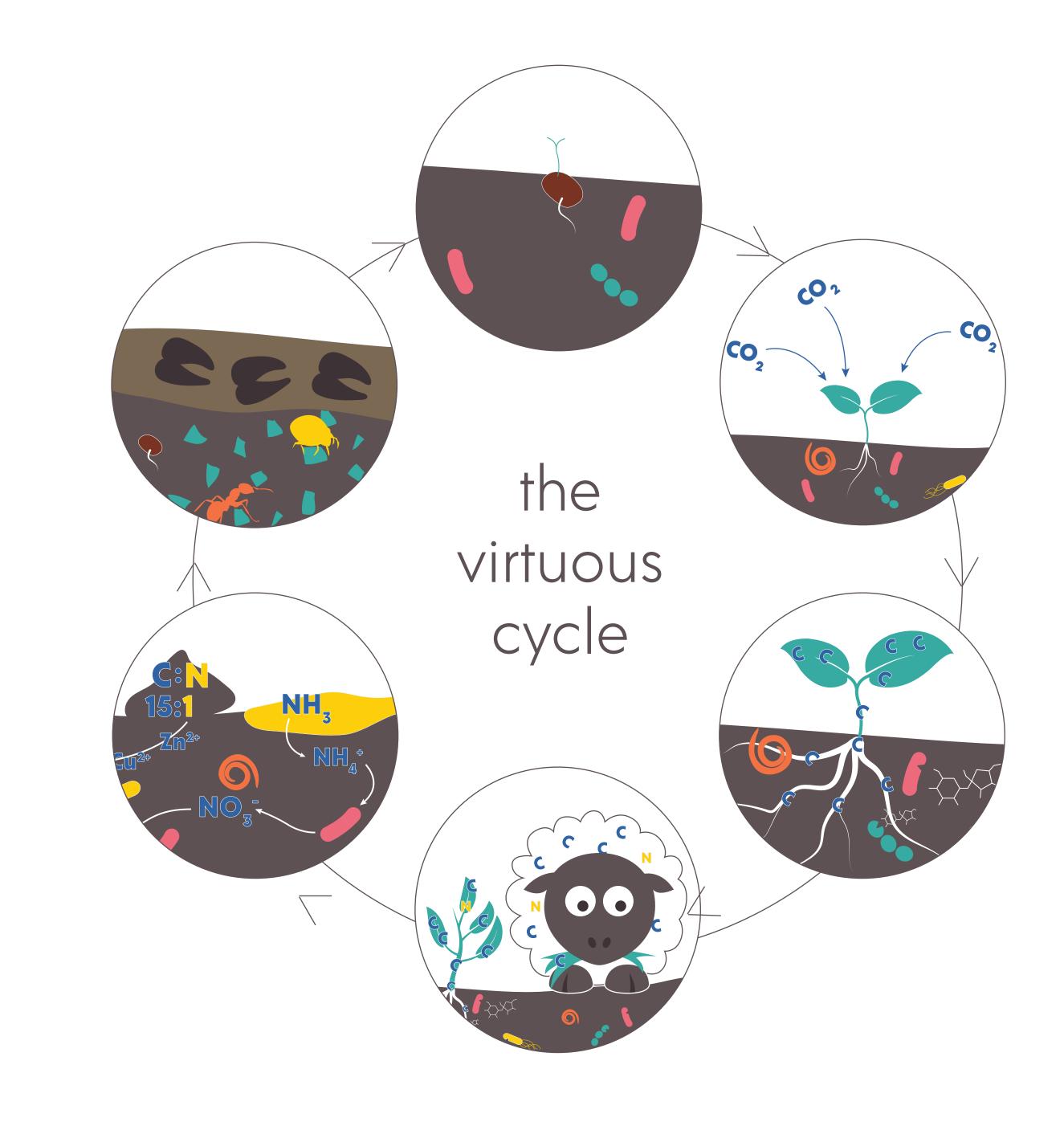
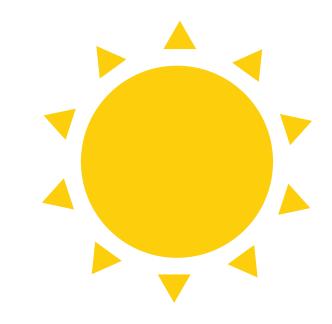
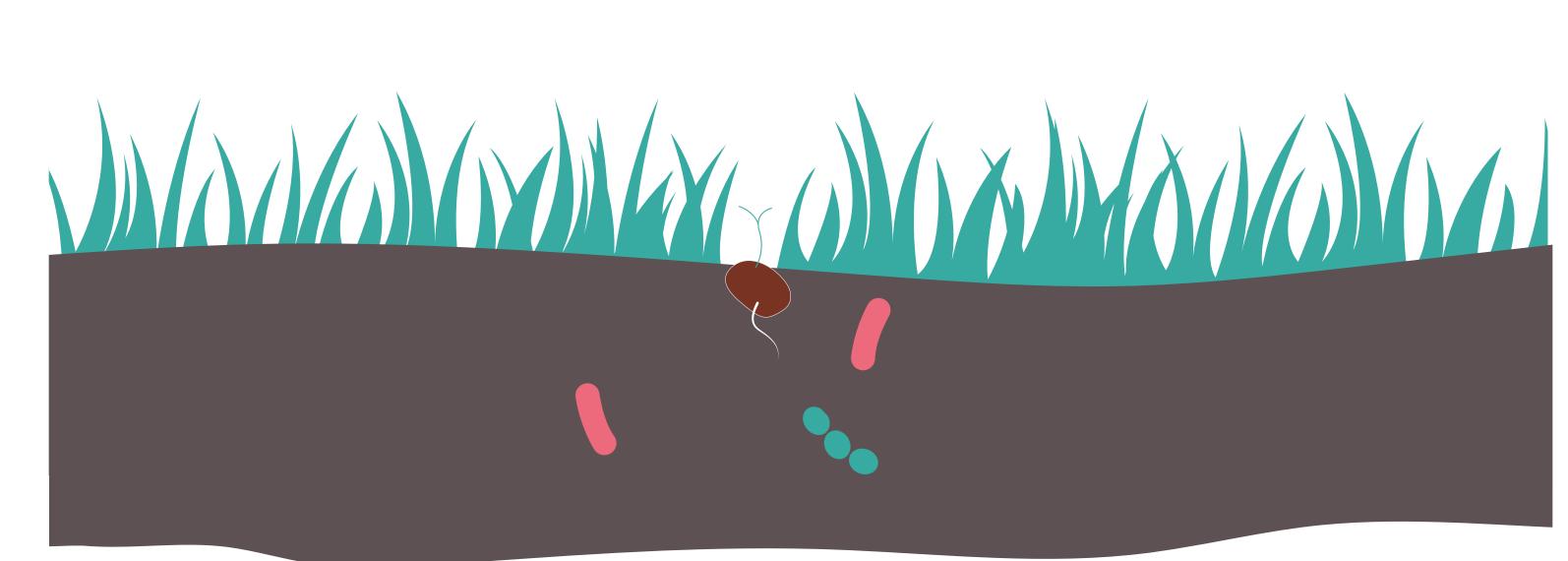
## goldilocks grazing

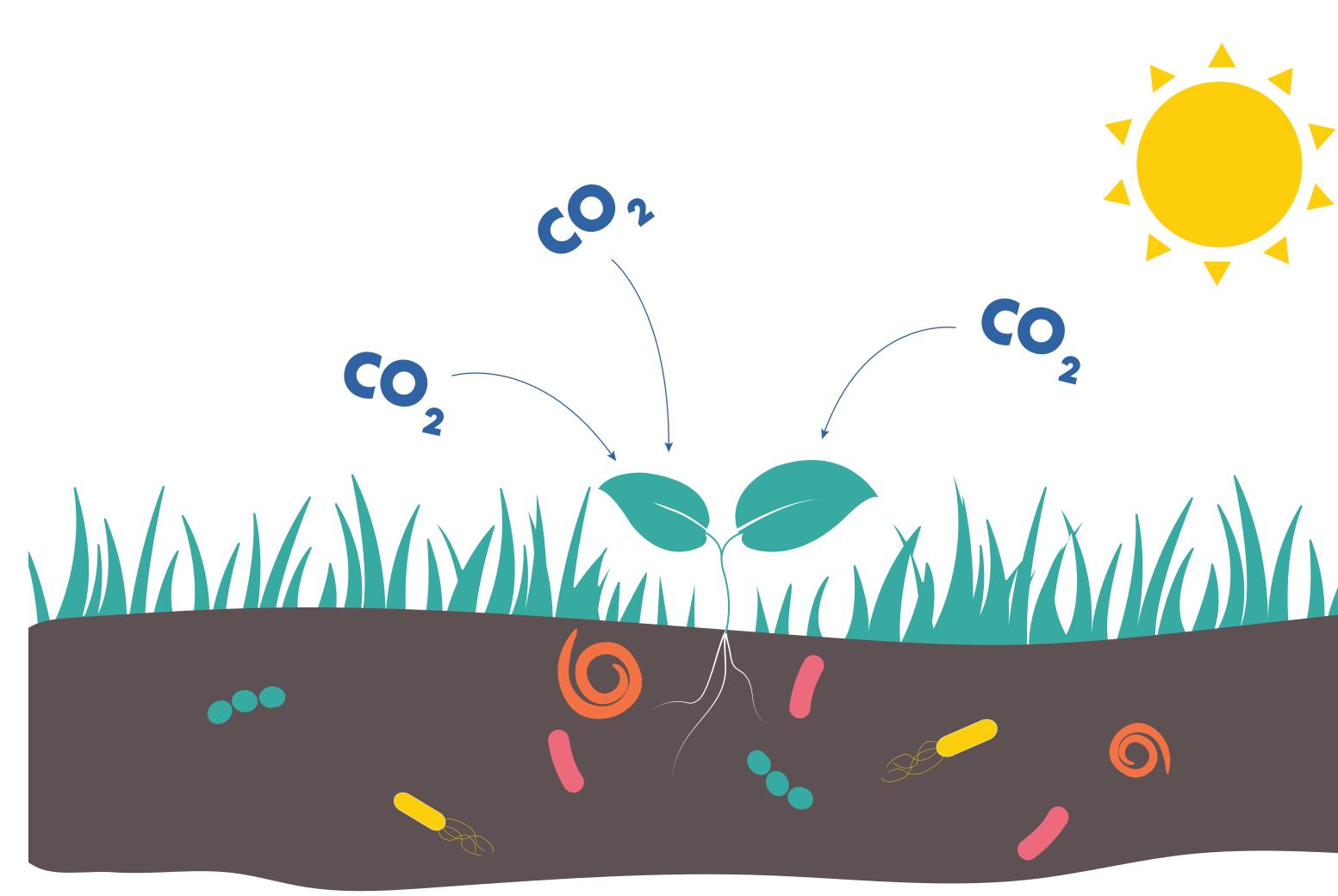


grasslands and herbivores have evolved together for 10's of millions of years. prescribed grazing mimics these natural grazing systems, managing vegetation for specific outcomes.

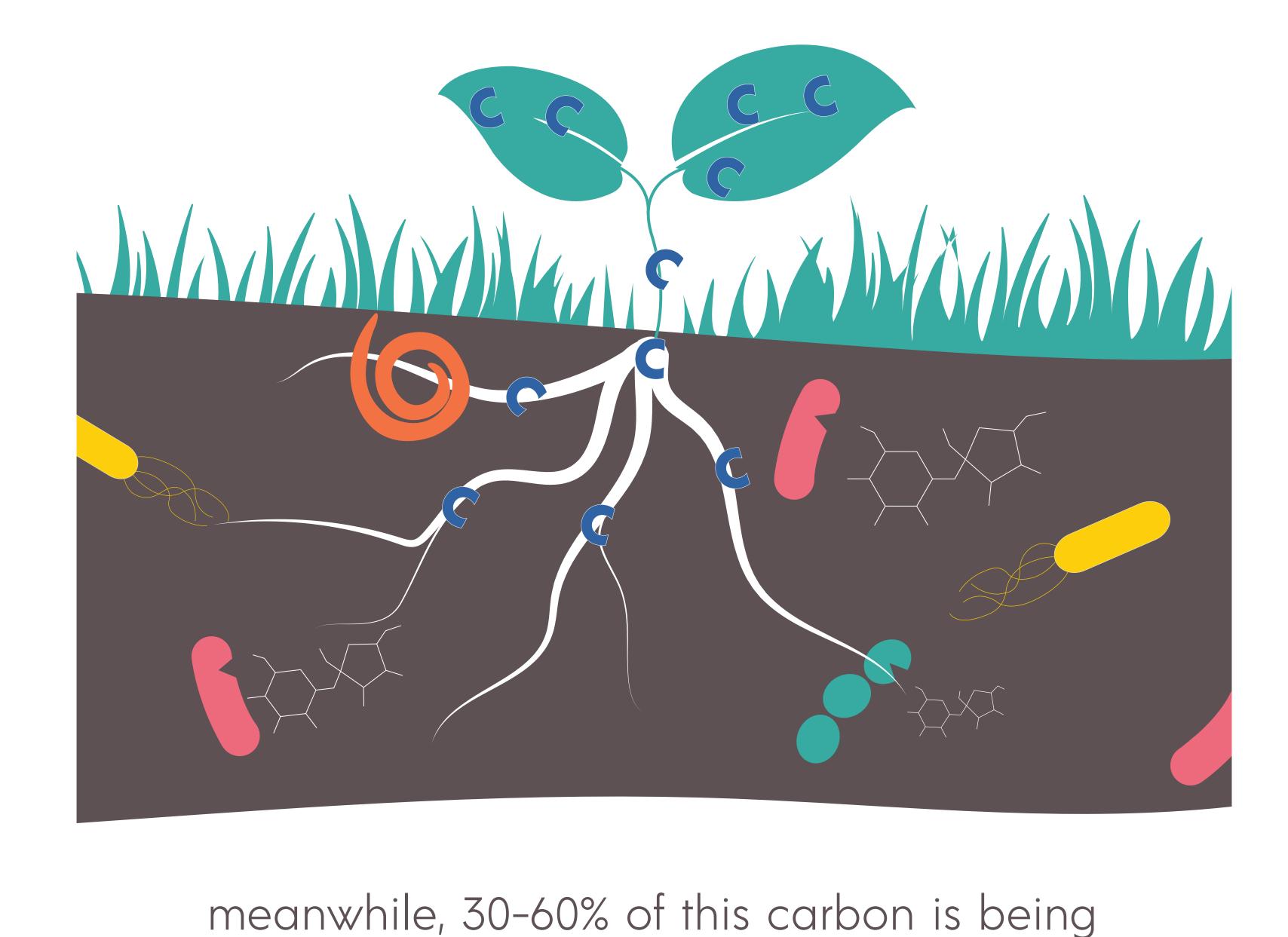




when a seed is planted, it is already packed full of the carbohydrates and other nutrients needed for its initial growth.



as shoots grow, they act like solar panels, fueling plants to take CO<sub>2</sub> from the atmosphere and convert it into the building blocks of life (carbohydrates, proteins, fats, etc).



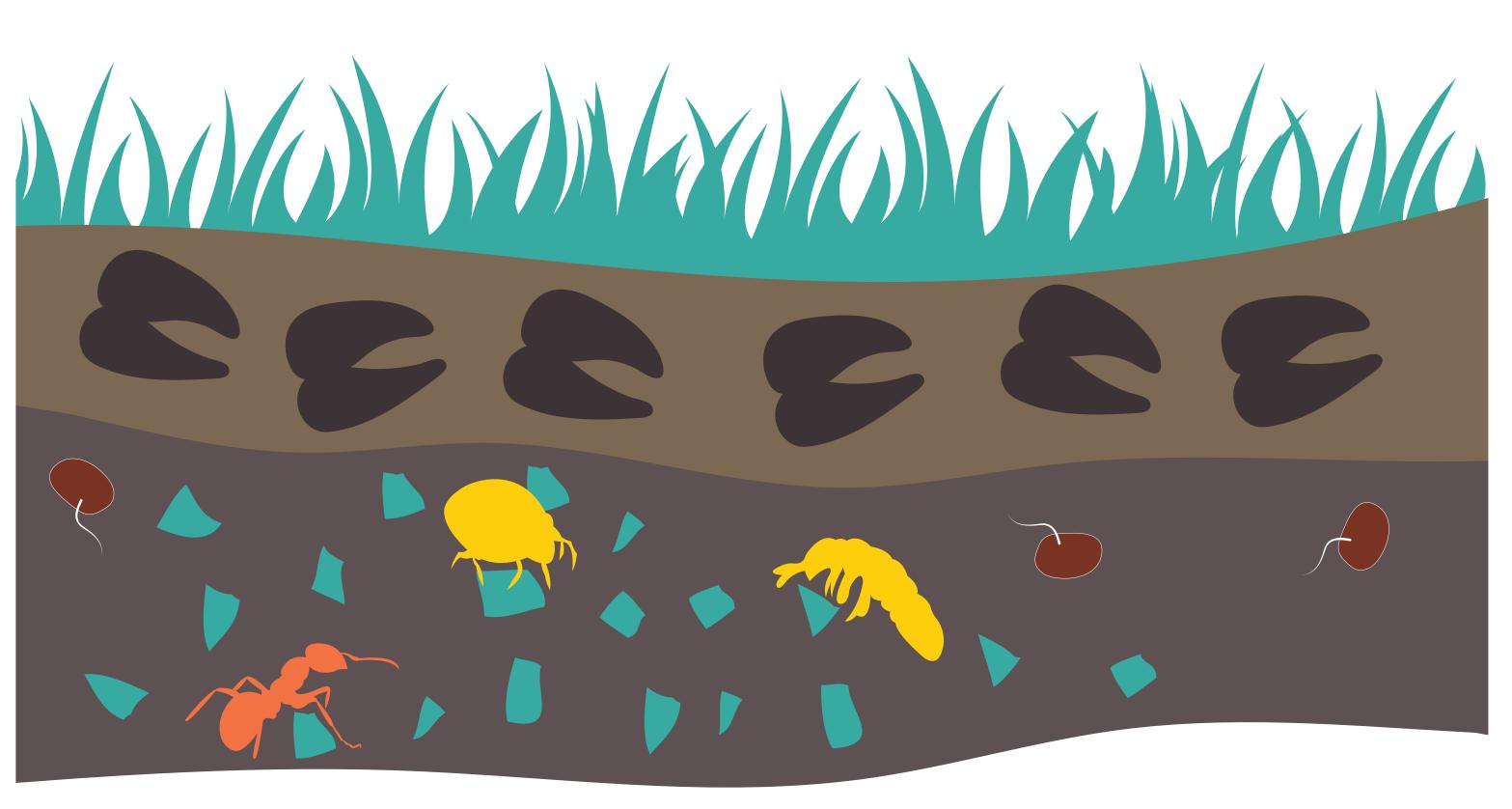
pumped underground as sugars, amino acids, and more; feeding resident microbes and encouraging nutrient cycling.



pump more carbon underground, in search of nutrients for regrowth. this herbivory has been shown to increase microbial biomass.



cycling/availability. applications of these inputs have been found to increase soil organic matter.

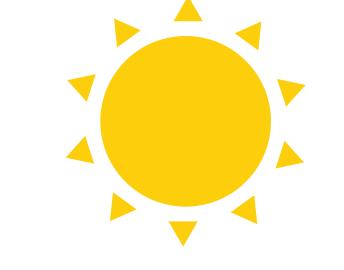


trampling from animal hooves helps to break up the soil (increasing infiltration);

break down vegetation (promoting decomposition);

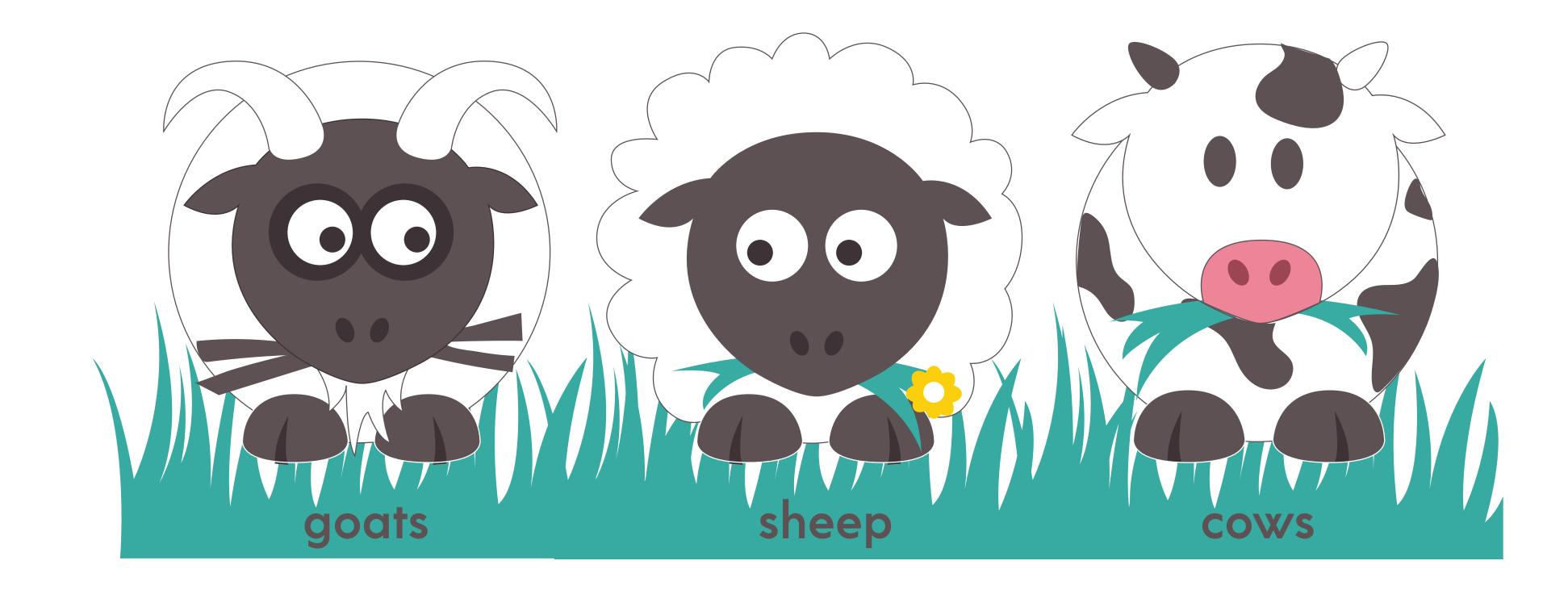
and bury seeds, (encouraging germination).

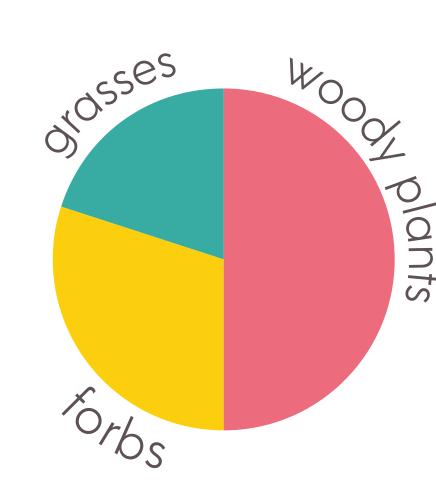
## 1. animal selection:

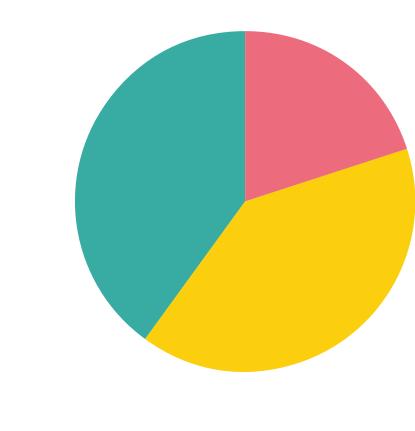


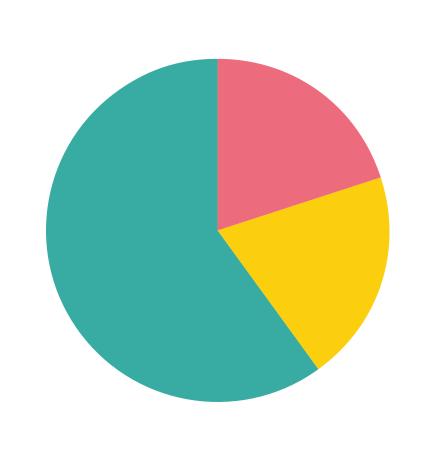
different animals have different preferences as to what they eat and how they eat it. multi-species grazing uses these differences to encourage uniform consumption in

diverse fields.

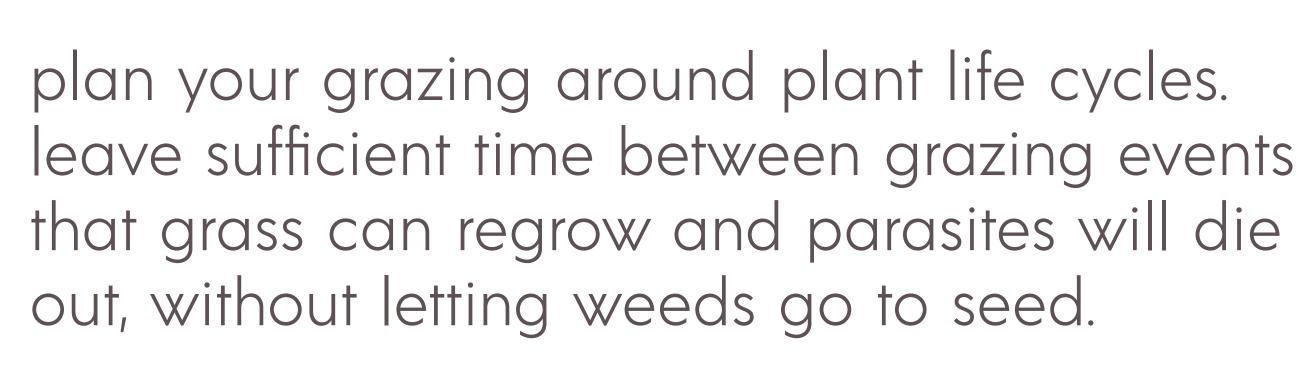


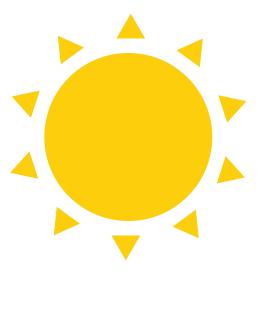


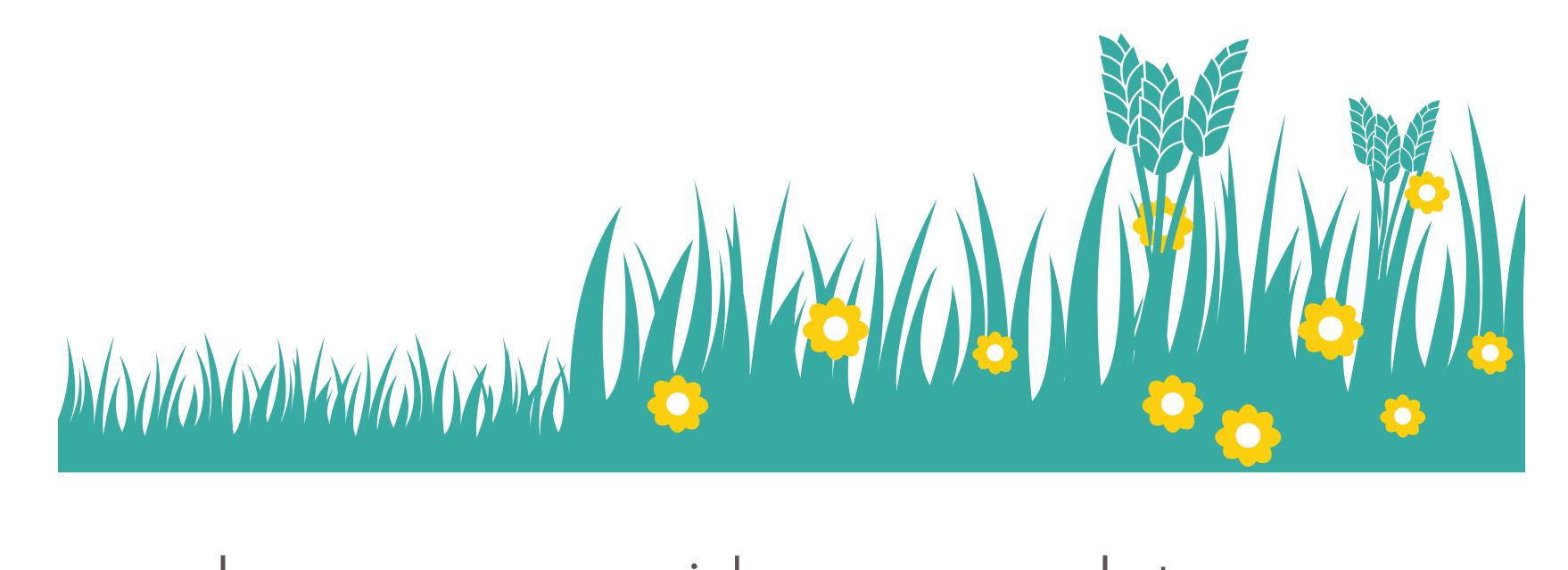




## 2. time:







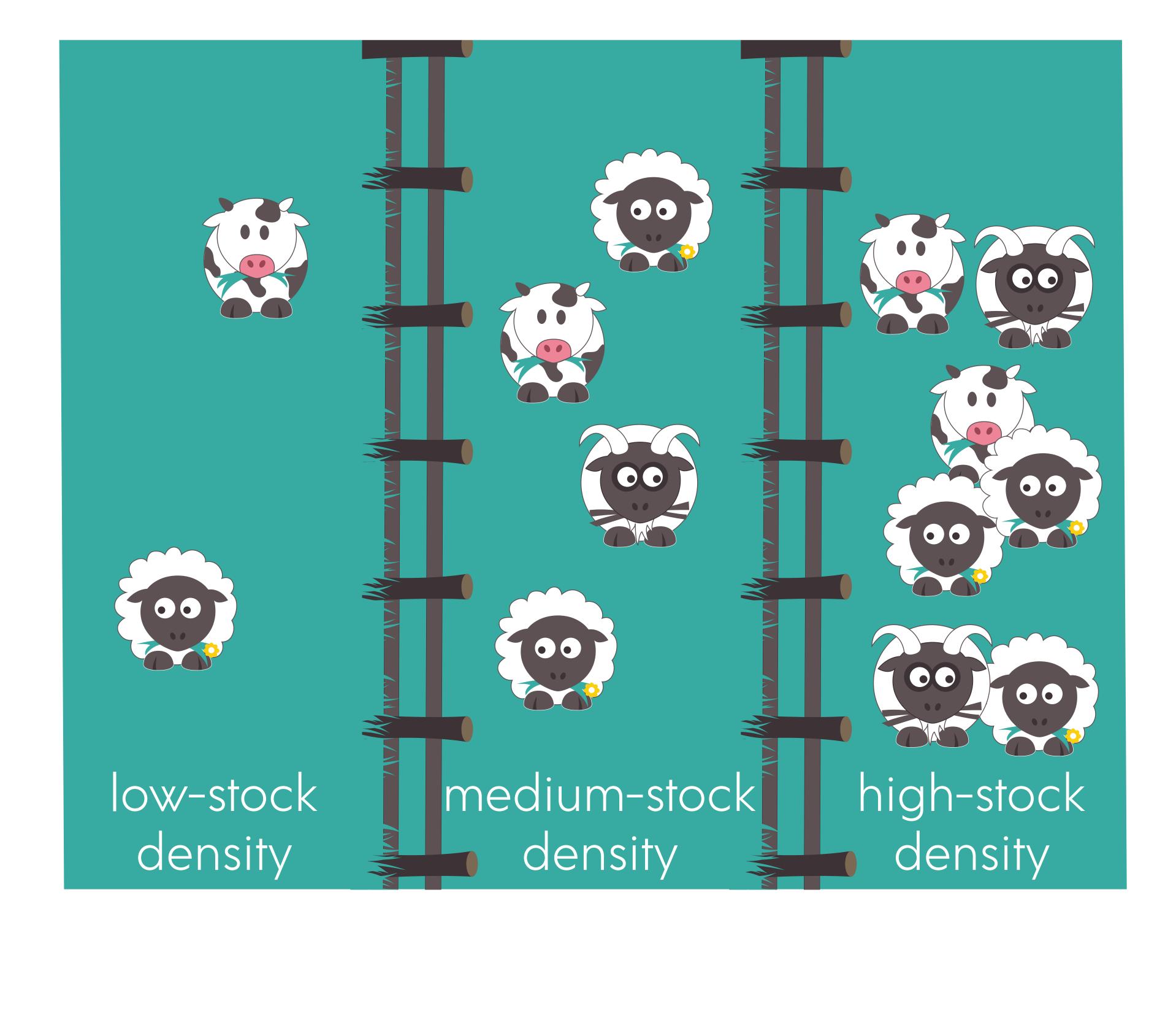
early season

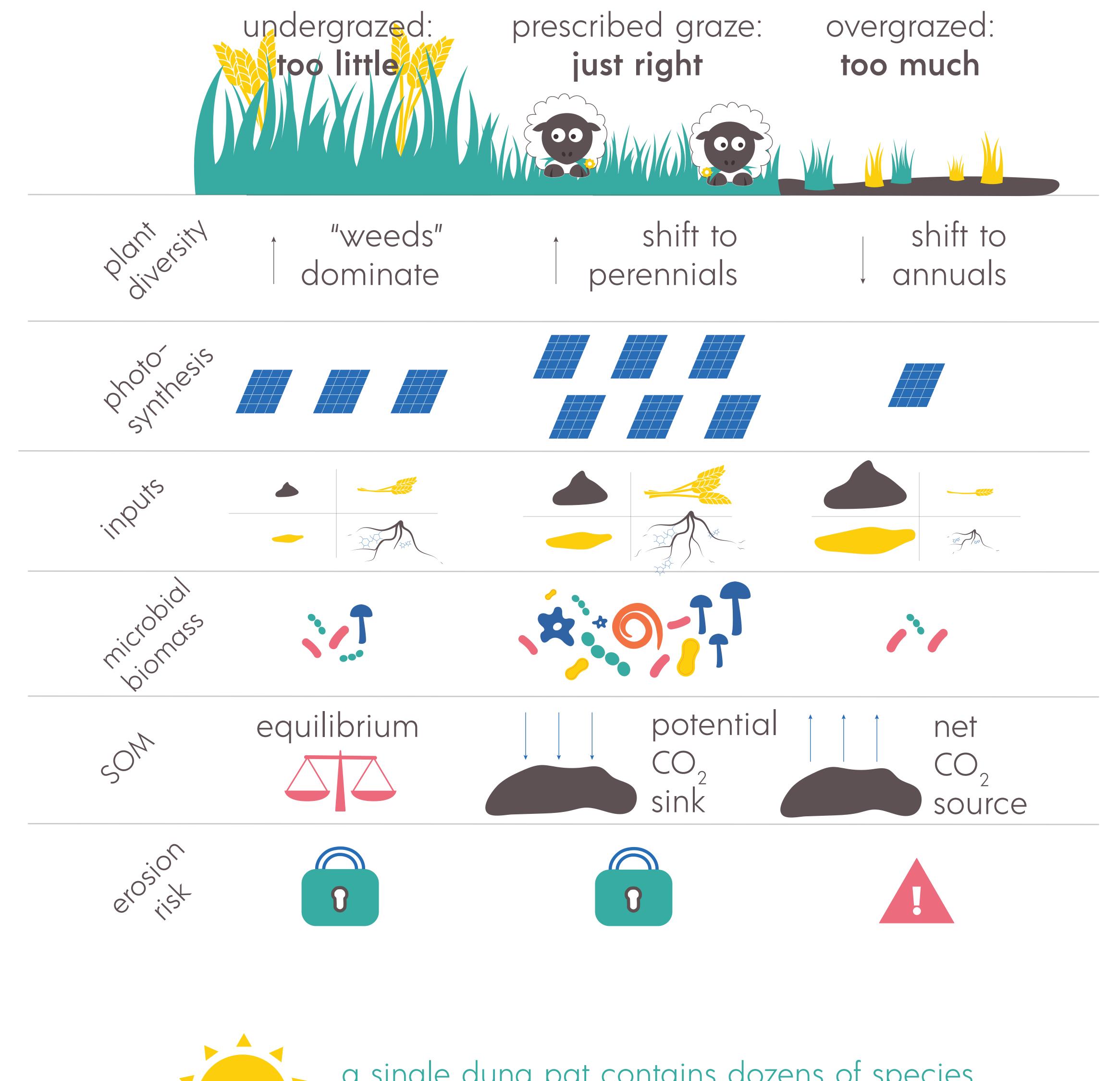
mid-season

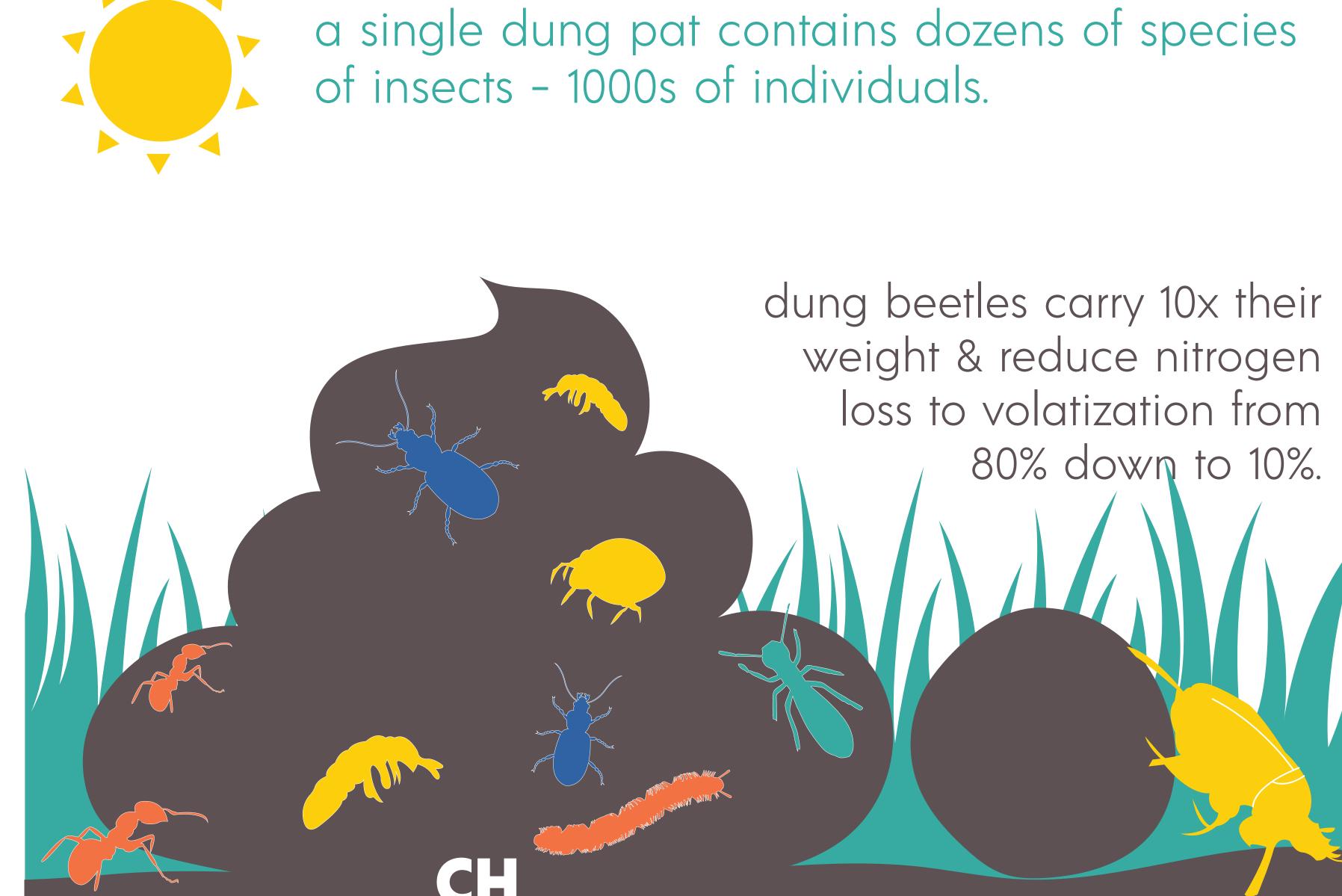
late season

## 3. intensity:

too short/too few and they just come back for more of their favorites, too long/too many and they may graze it down too far. rule of thumb: don't let them graze down more than 60% of plants.







microbes

(methanotrophs) in the

potent greenhouse gas.

soil convert methane

back to CO<sub>2</sub>, a less