

3D Plants:

Students build AVR plant models to understand the role of design in STEM

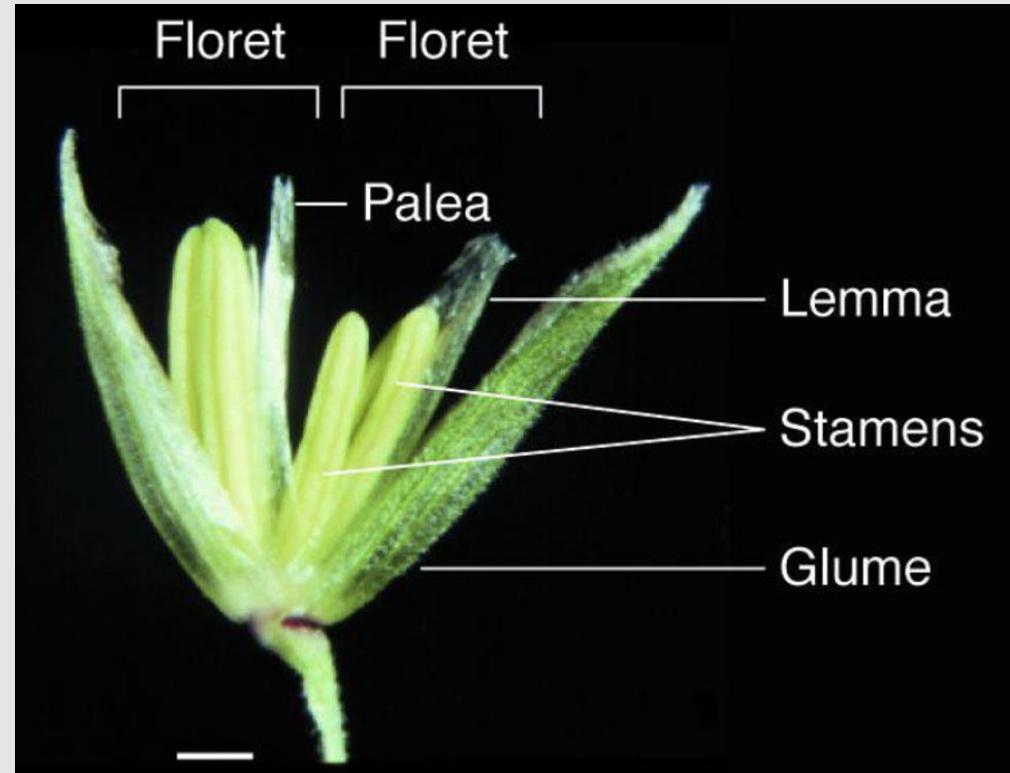
September 2023



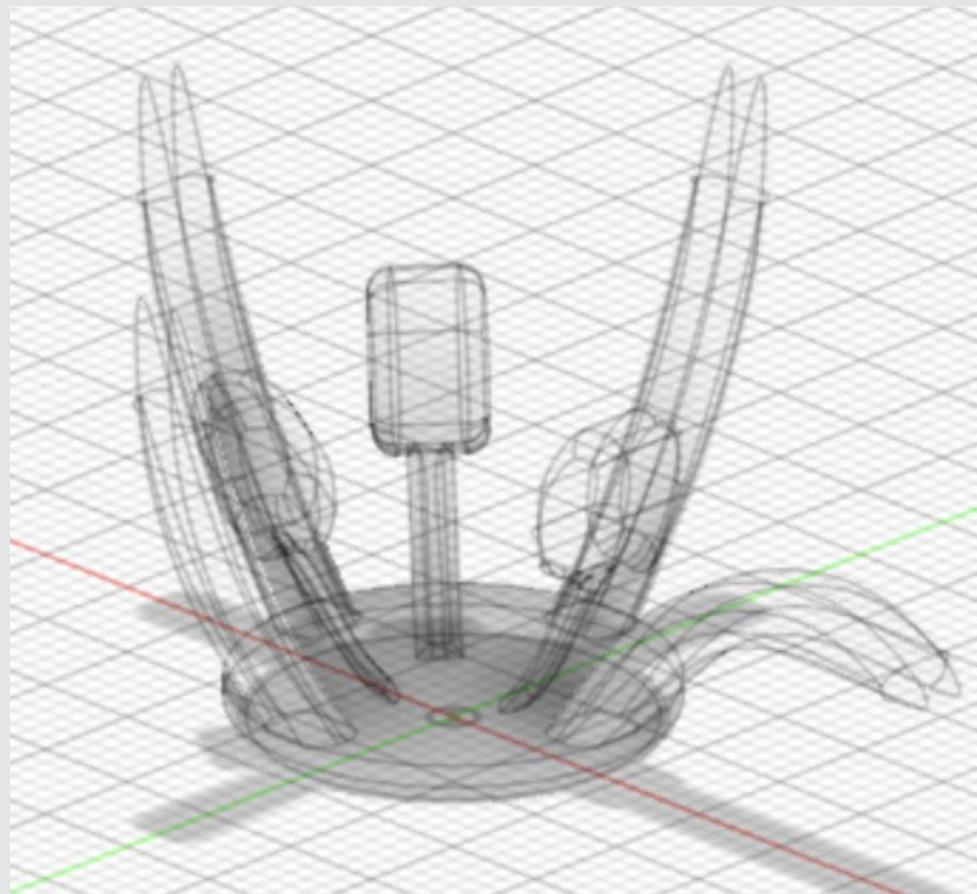
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PLANT SCIENCE CENTER



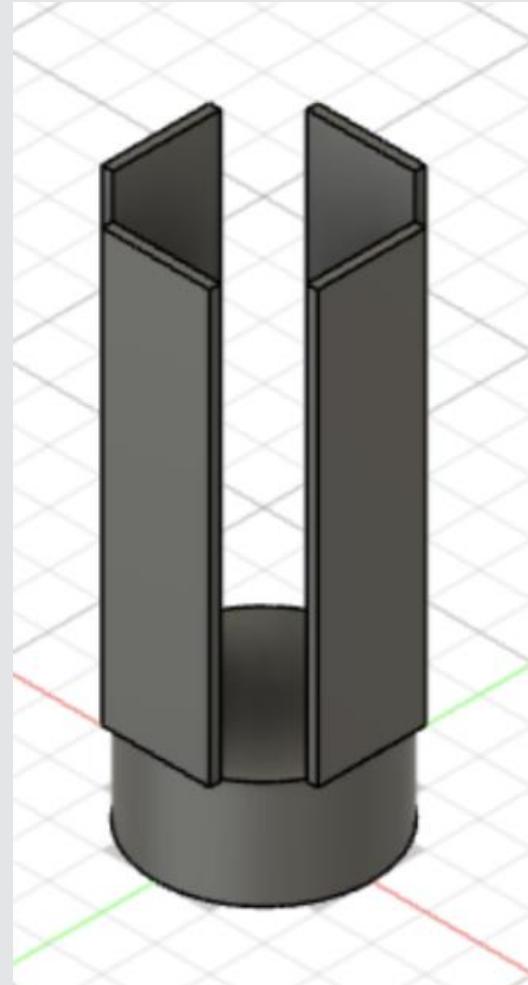
Maize (*Zea mays*) male floret



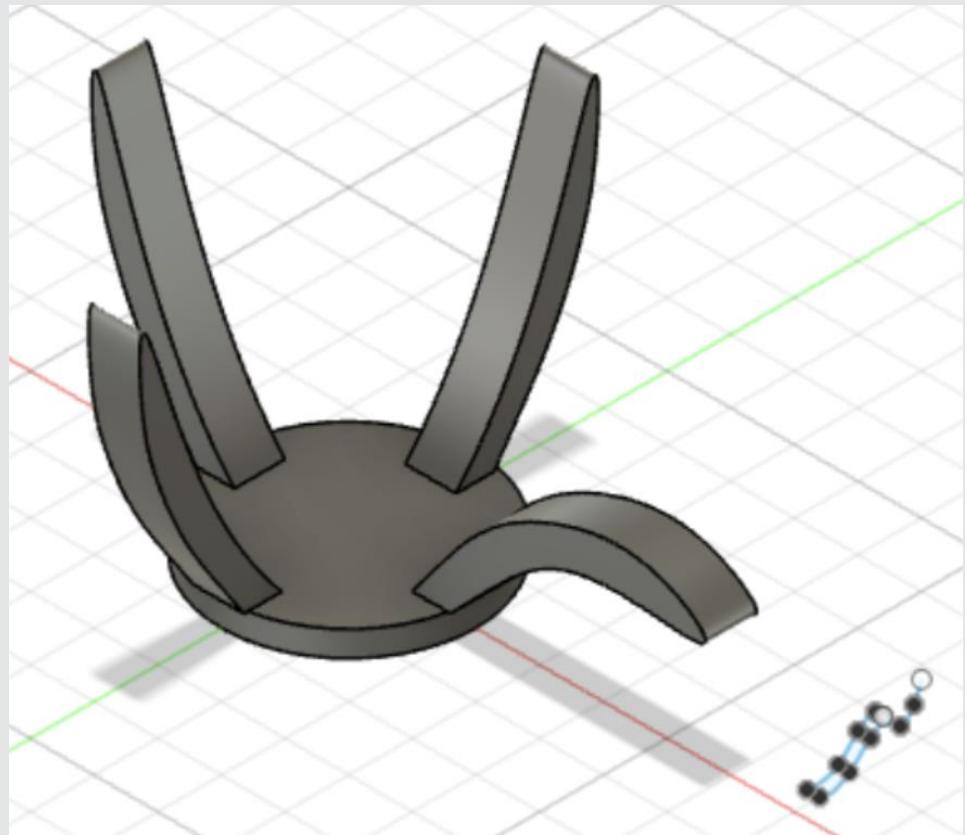
Maize (*Zea mays*) male floret



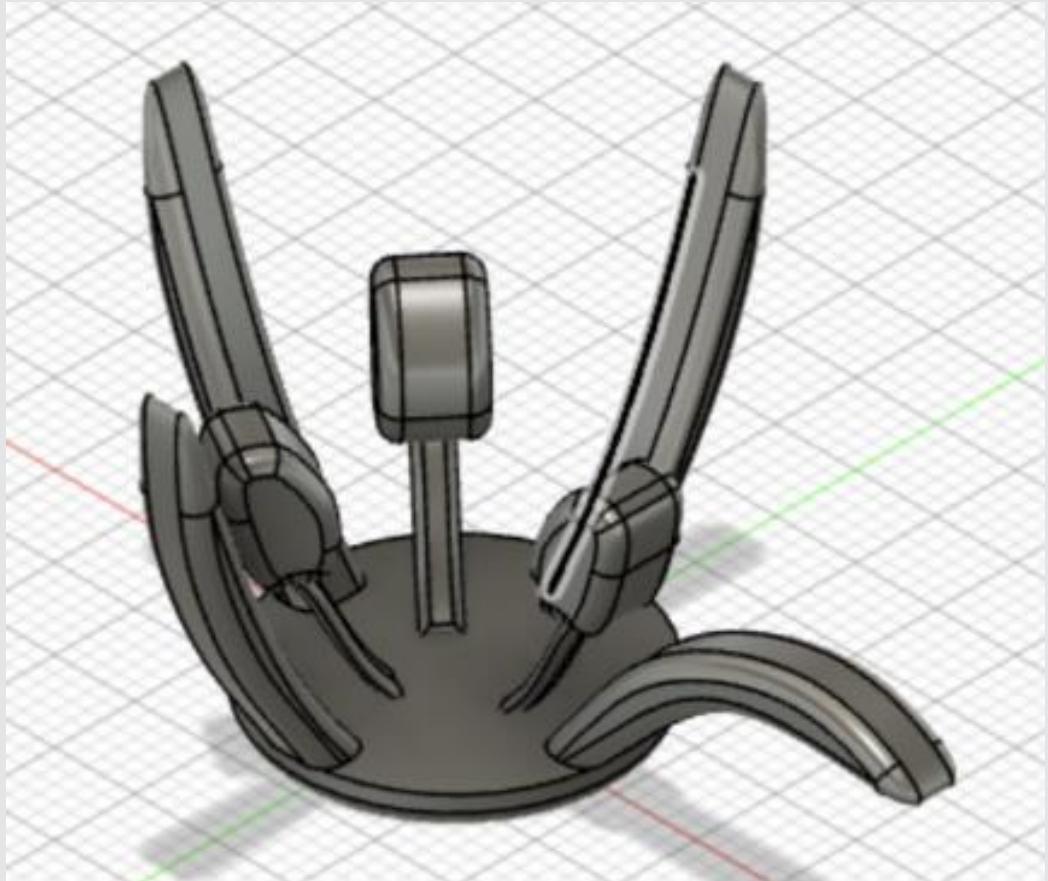
Maize (*Zea mays*) male floret



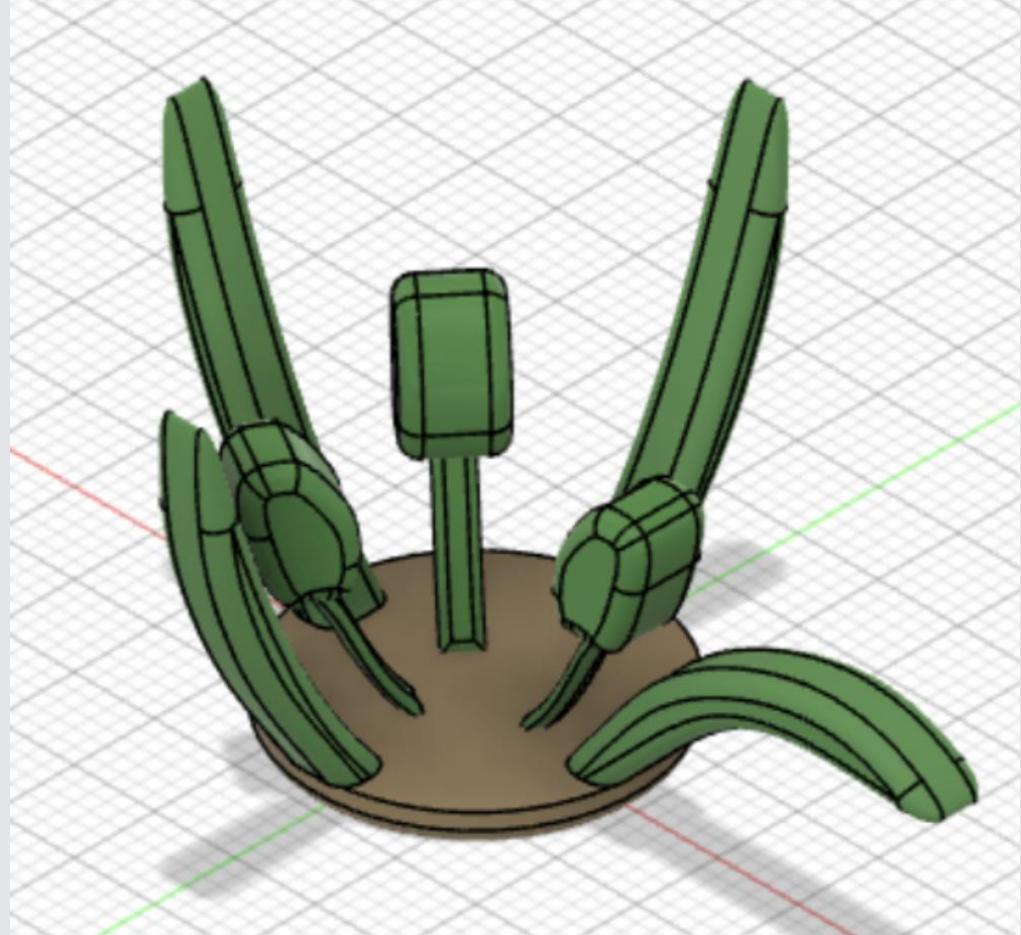
Maize (*Zea mays*) male floret



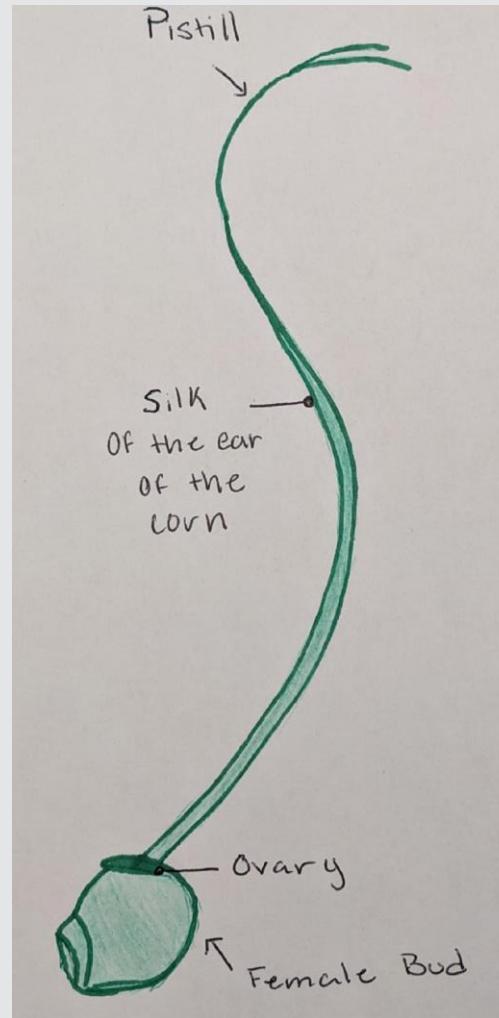
Maize
(Zea mays)
male floret



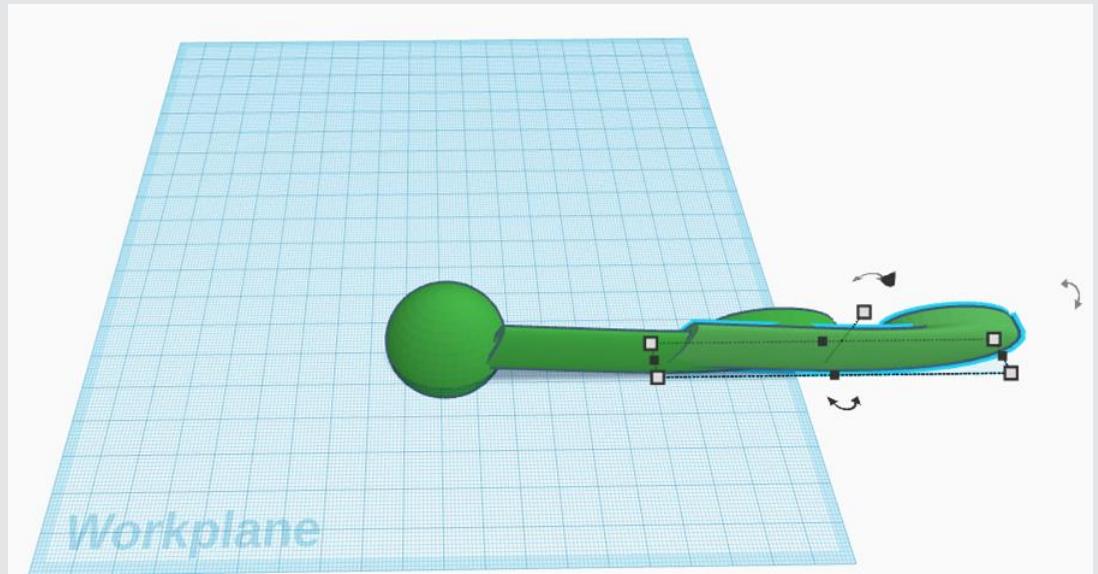
Maize (*Zea mays*) male floret



Maize (*Zea mays*) kernel



Maize (*Zea mays*) kernel



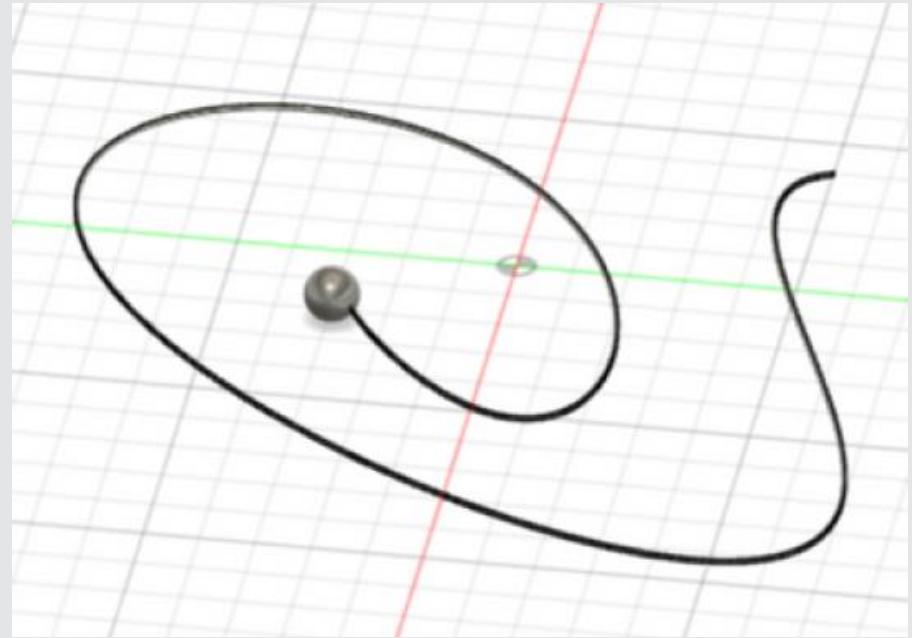
Maize (*Zea mays*) female floret/pollination tube



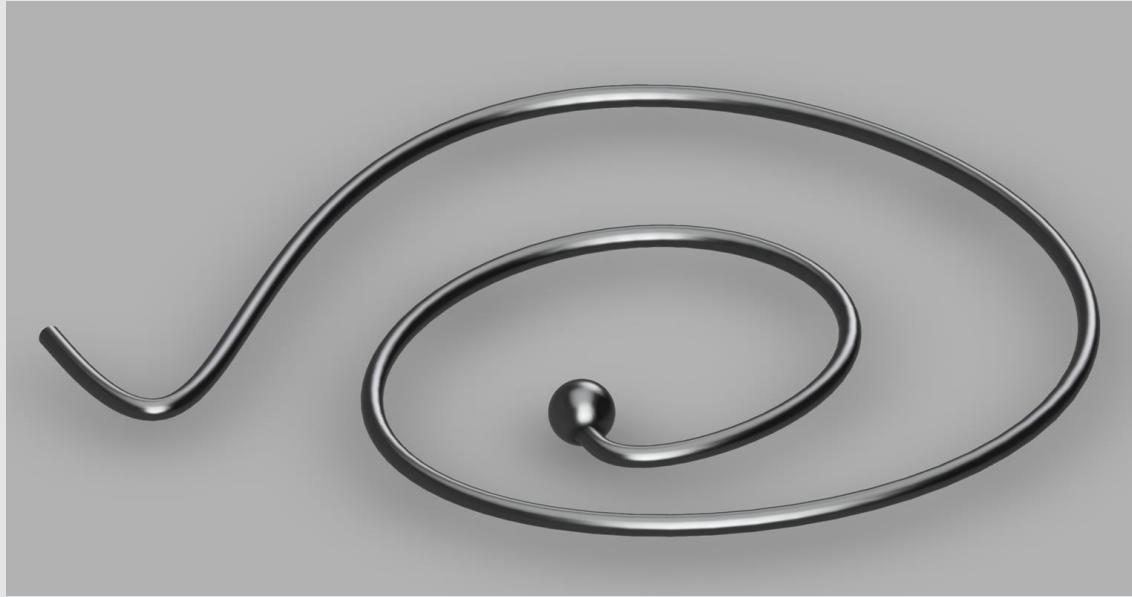
Maize (*Zea mays*) female floret/pollination tube



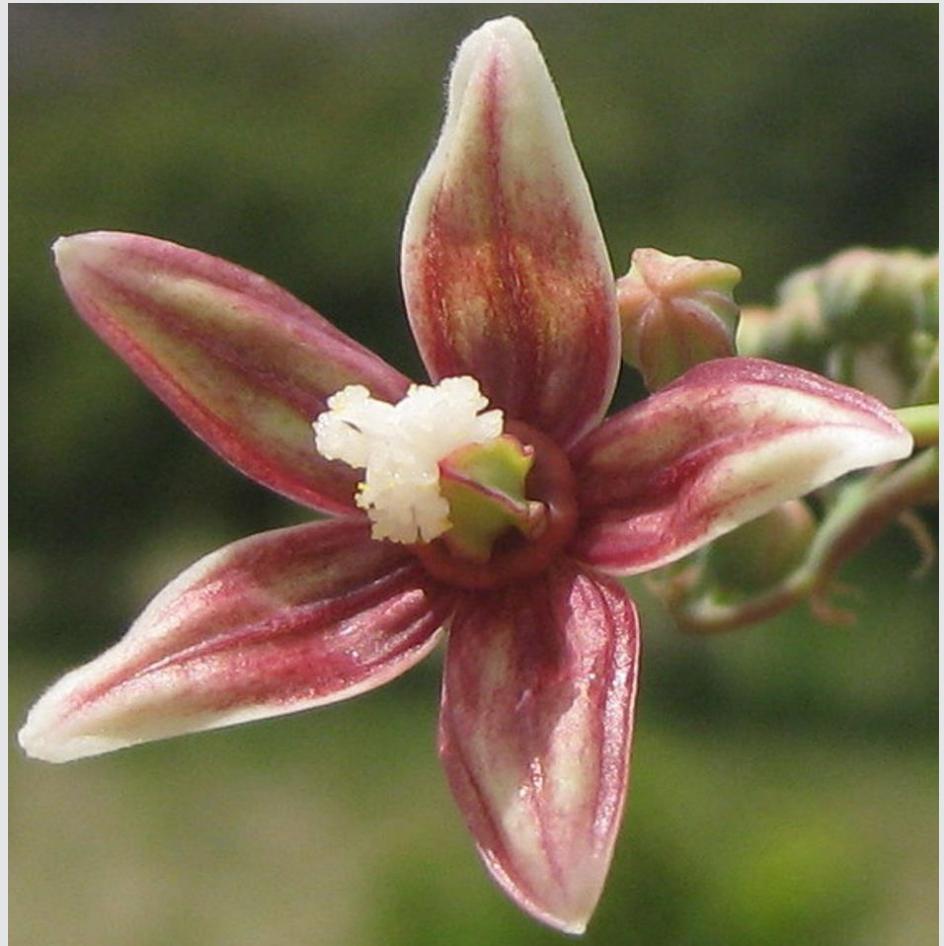
Maize (*Zea mays*) female floret/pollination tube



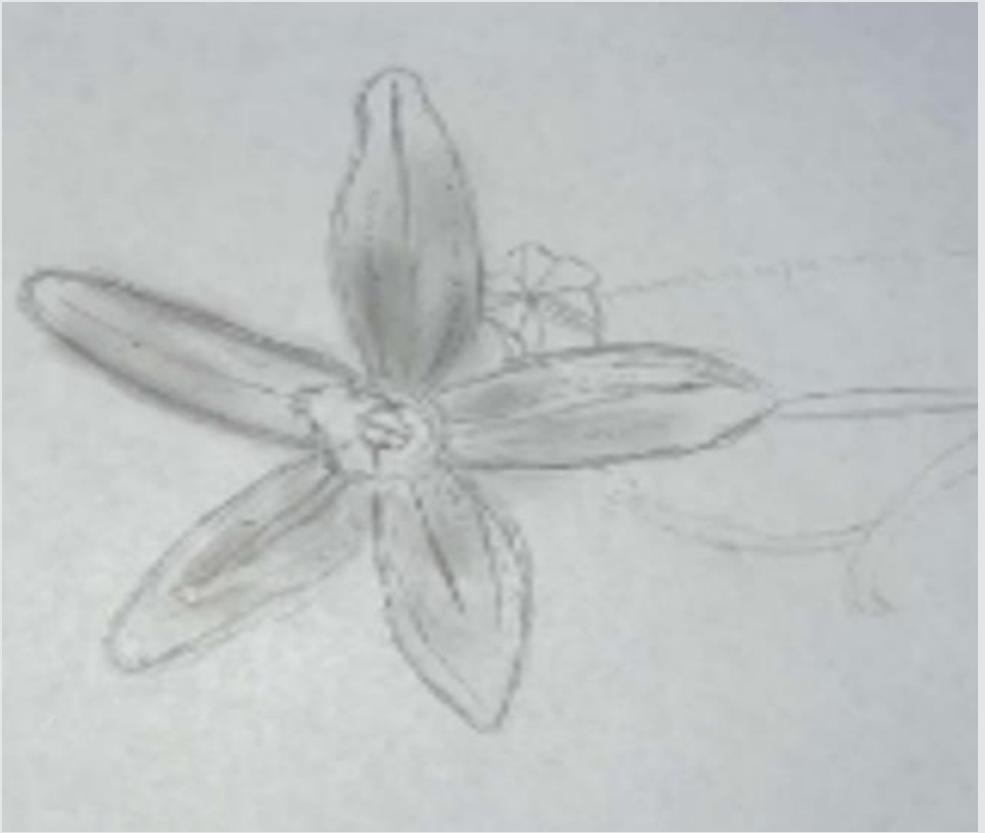
Maize (*Zea mays*) female floret/pollination tube



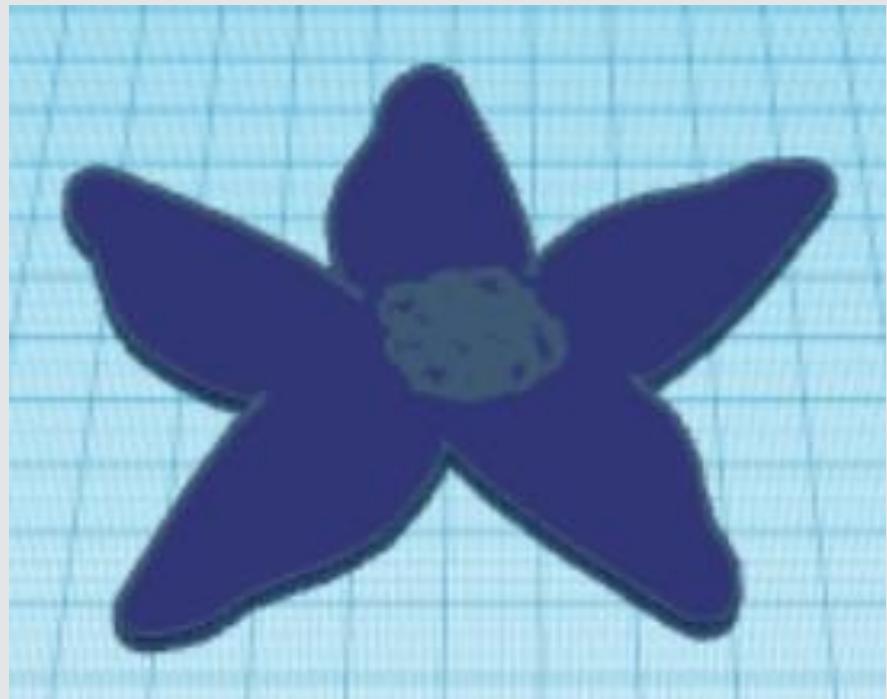
Cassava (*Manihot esculenta*) female flower



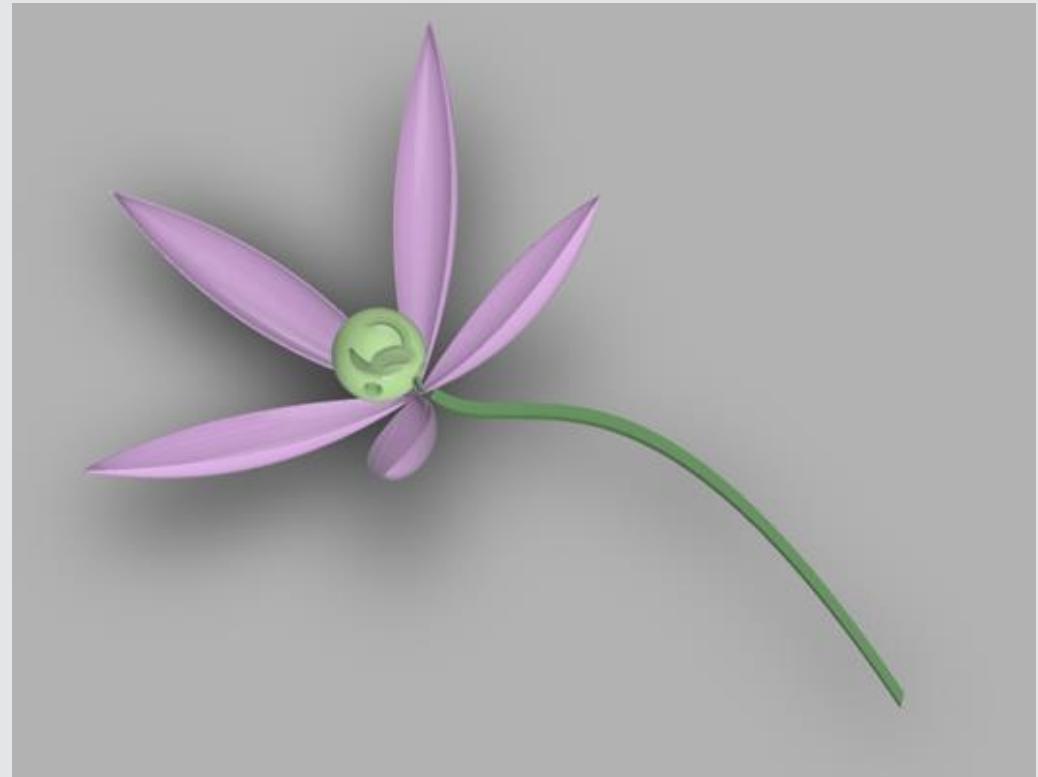
Cassava (*Manihot esculenta*) female flower



Cassava (*Manihot esculenta*) female flower



Cassava (*Manihot esculenta*) female flower



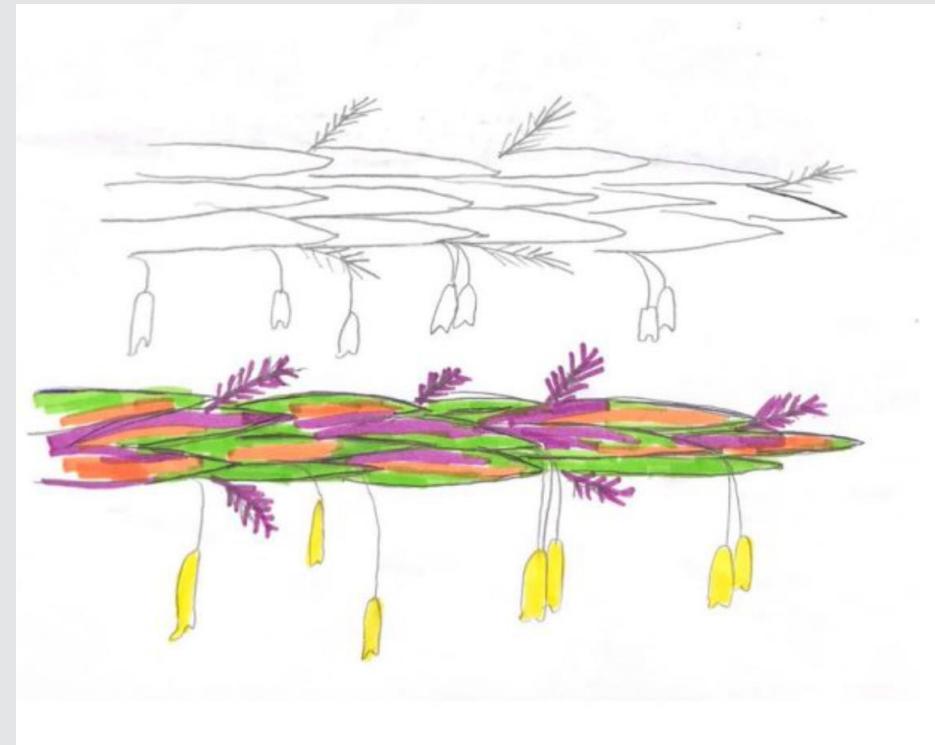
Cassava (*Manihot esculenta*) male flower



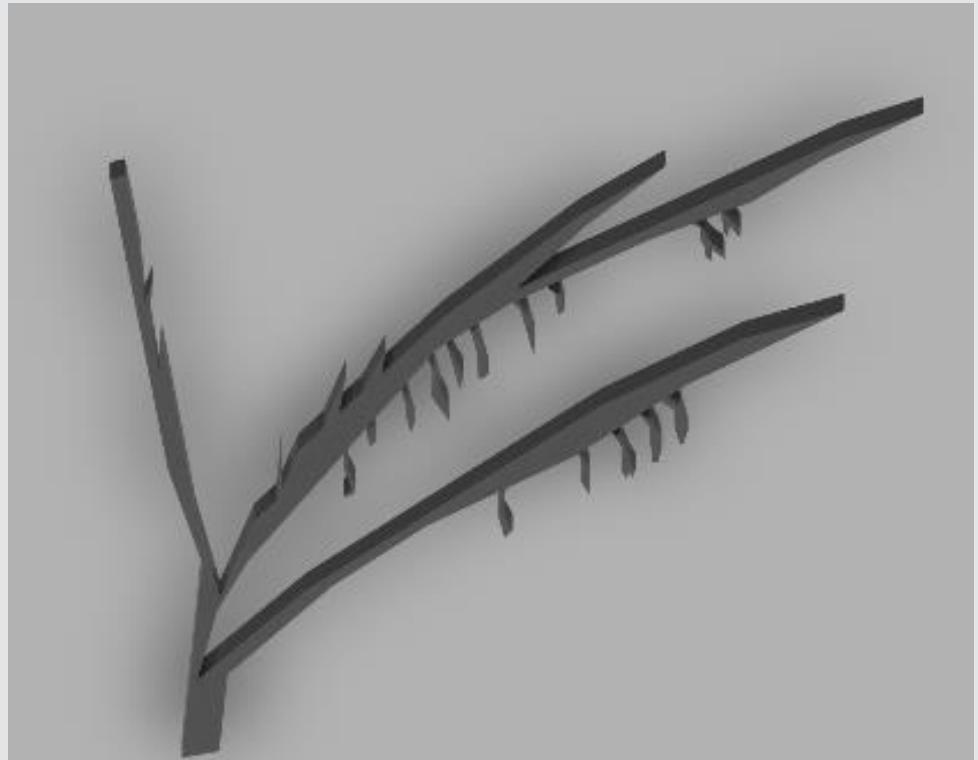
Big bluestem (*Andropogon gerardii*) inflorescence



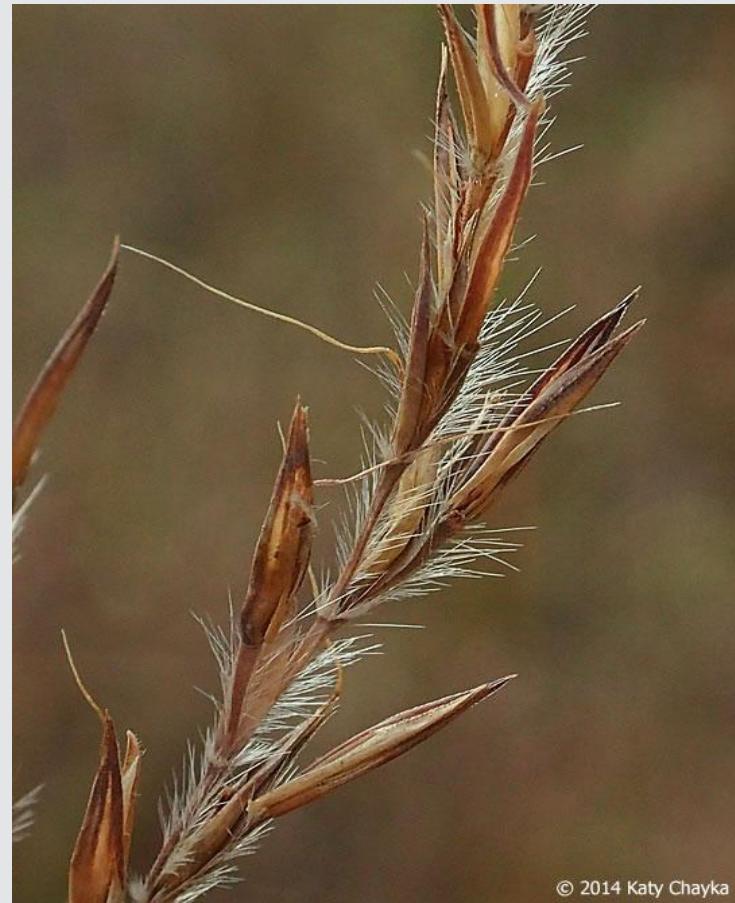
Big bluestem (*Andropogon gerardii*) inflorescence



Big bluestem (*Andropogon gerardii*) inflorescence



Big bluestem (*Andropogon gerardii*) spiklet

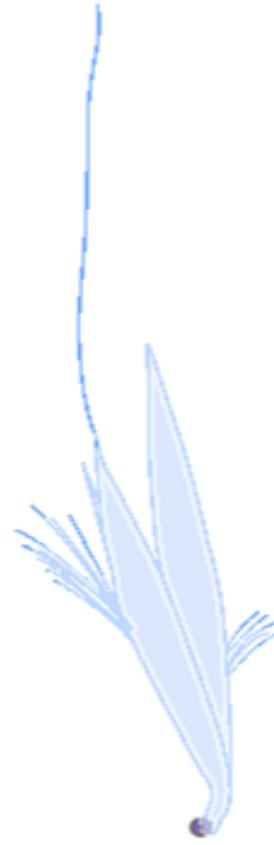


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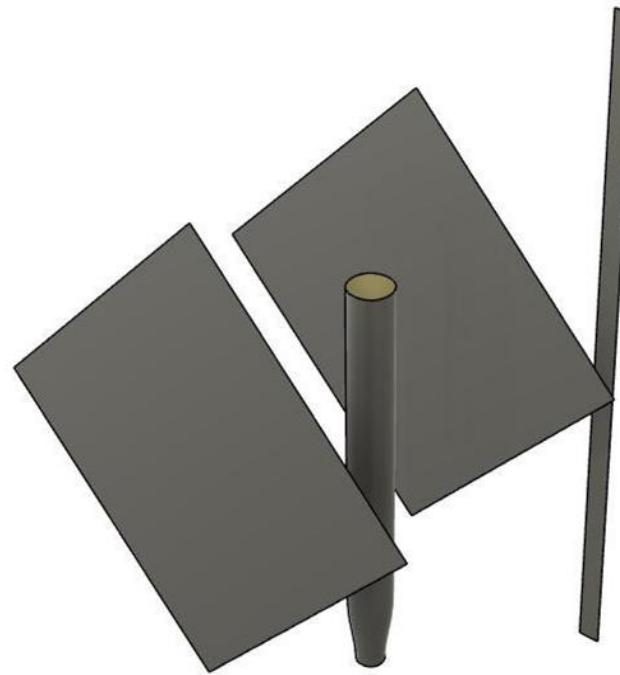
Big bluestem (*Andropogon gerardii*) spiklet



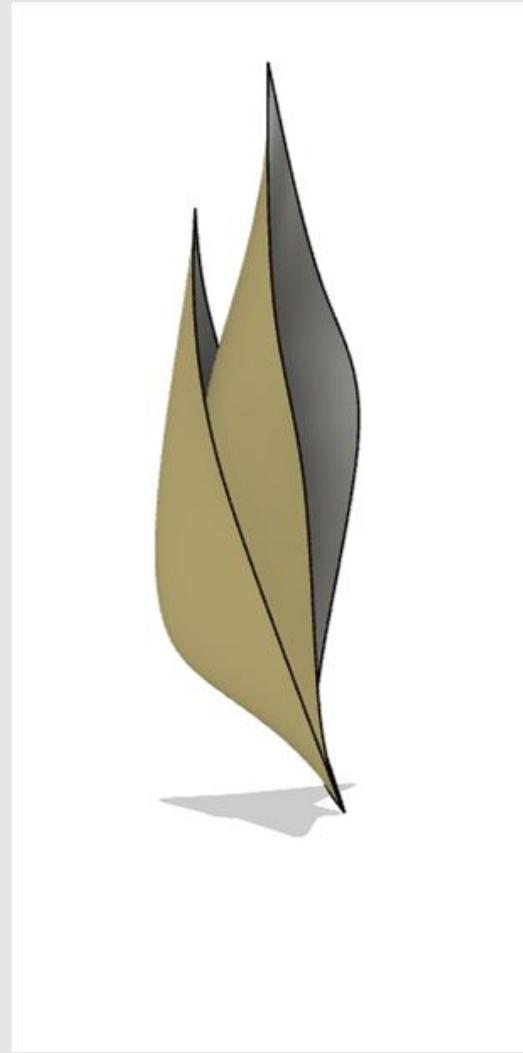
Big bluestem (*Andropogon gerardii*) spiklet



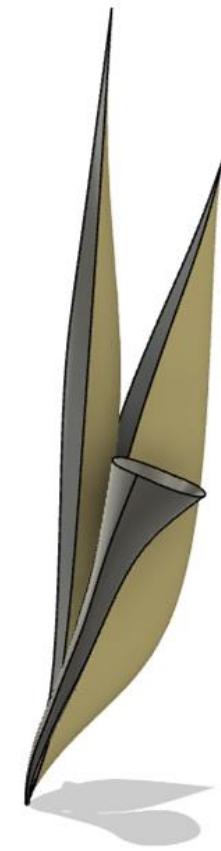
Big bluestem (*Andropogon gerardii*) spiklet



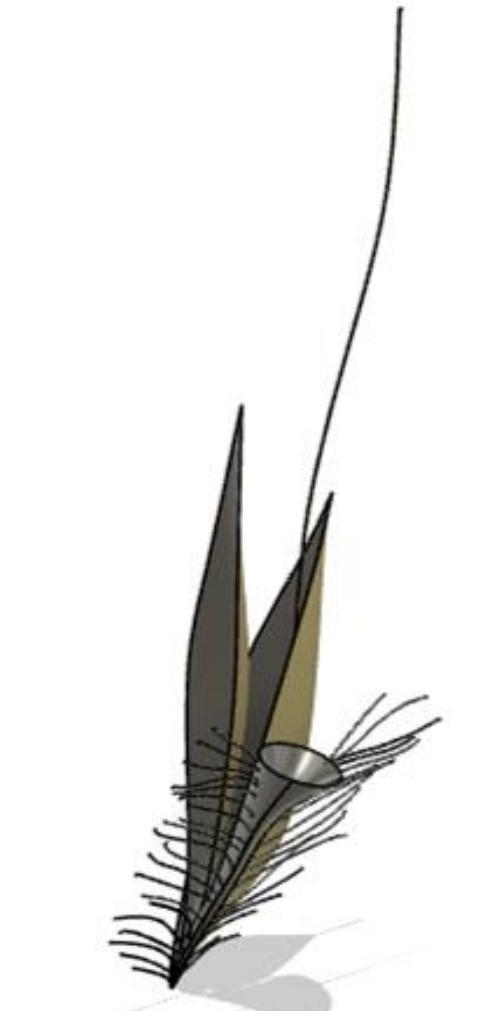
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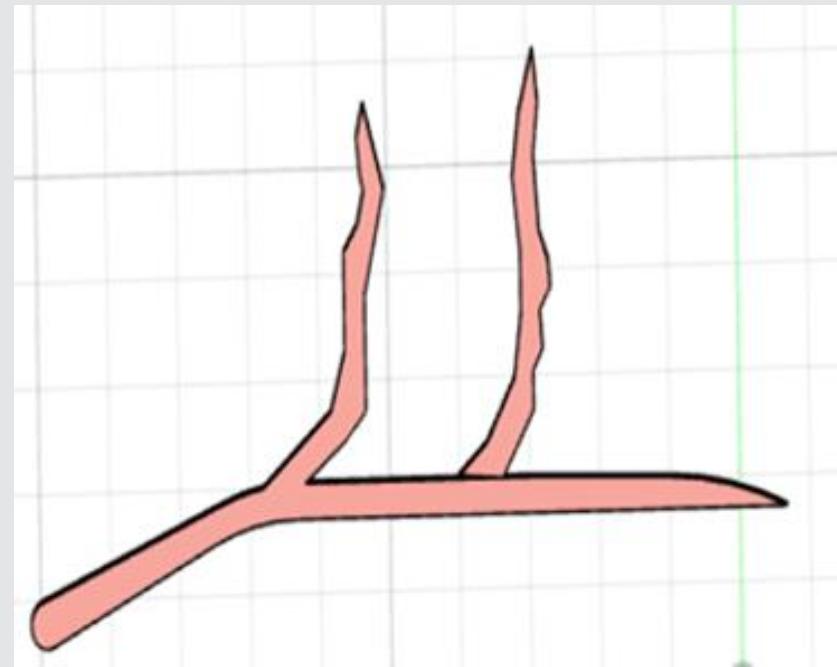
Seashore paspalum (*Paspalum vaginatum*) stolon



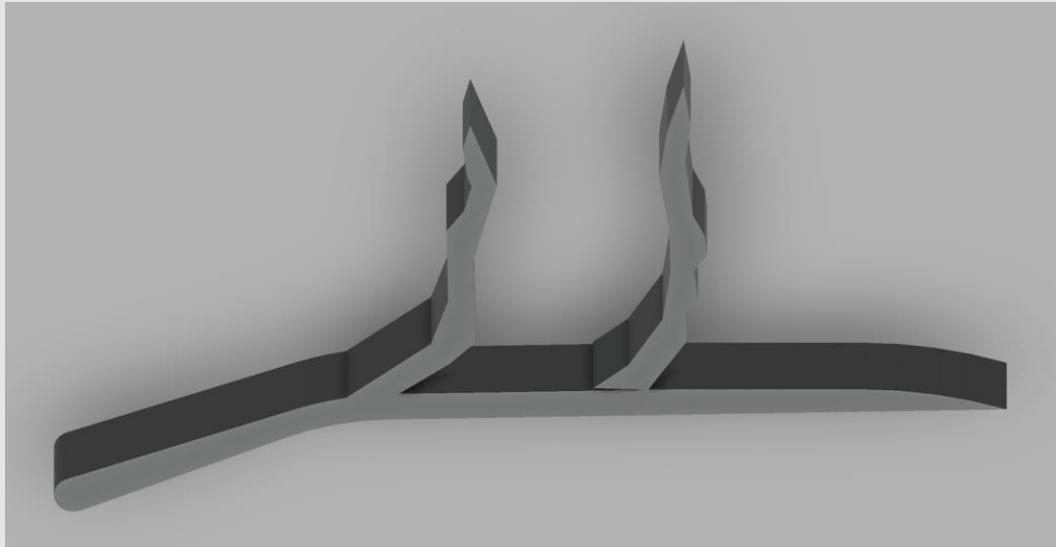
Seashore paspalum (*Paspalum vaginatum*) stolon



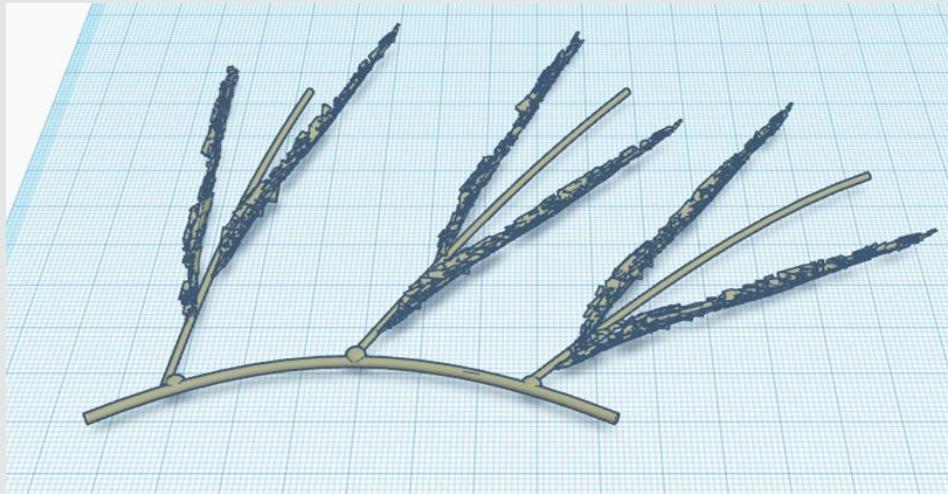
Seashore paspalum (*Paspalum vaginatum*) stolon



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Barrel medic (*Medicago truncatula*)



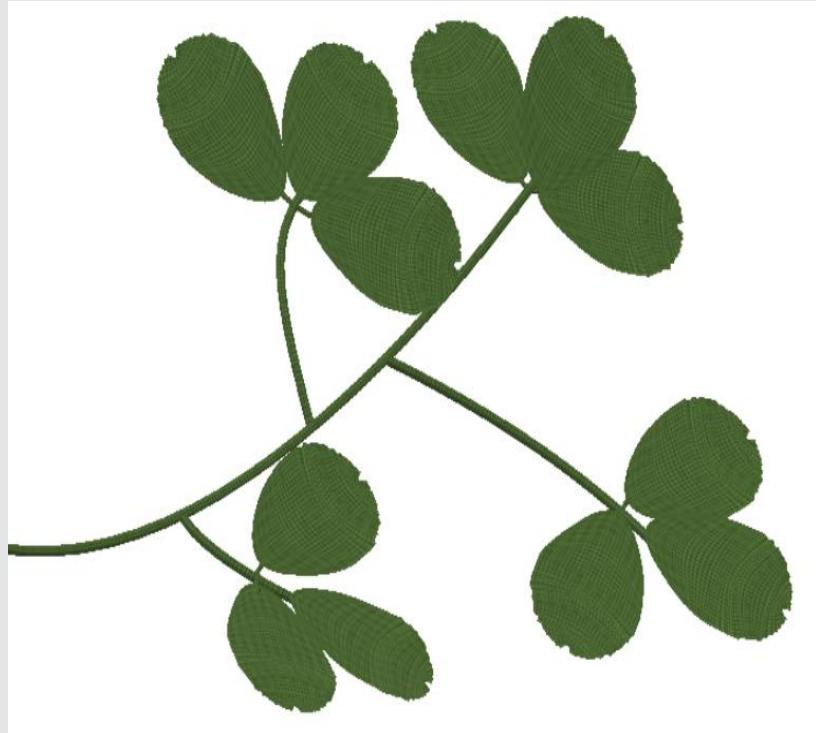
Barrel medic (*Medicago truncatula*)



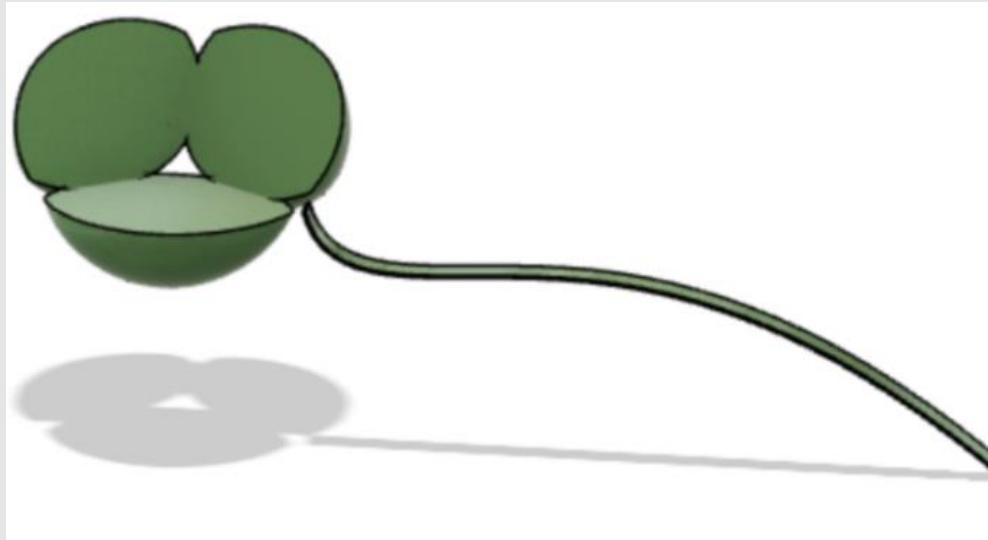
Barrel medic (*Medicago truncatula*) leaf



Barrel medic (*Medicago truncatula*) leaf



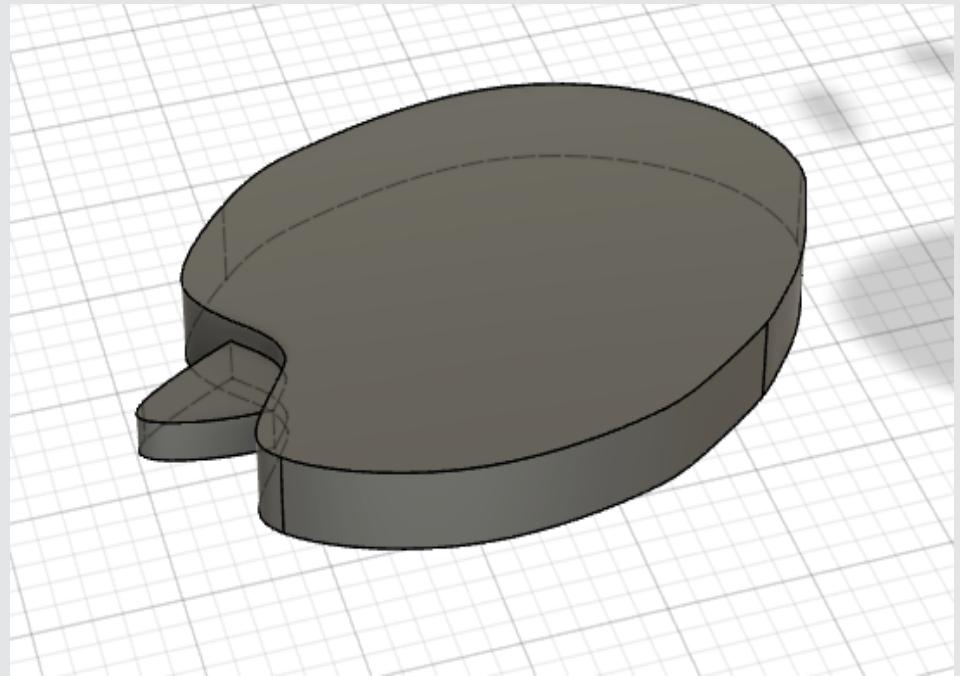
Barrel medic (*Medicago truncatula*)



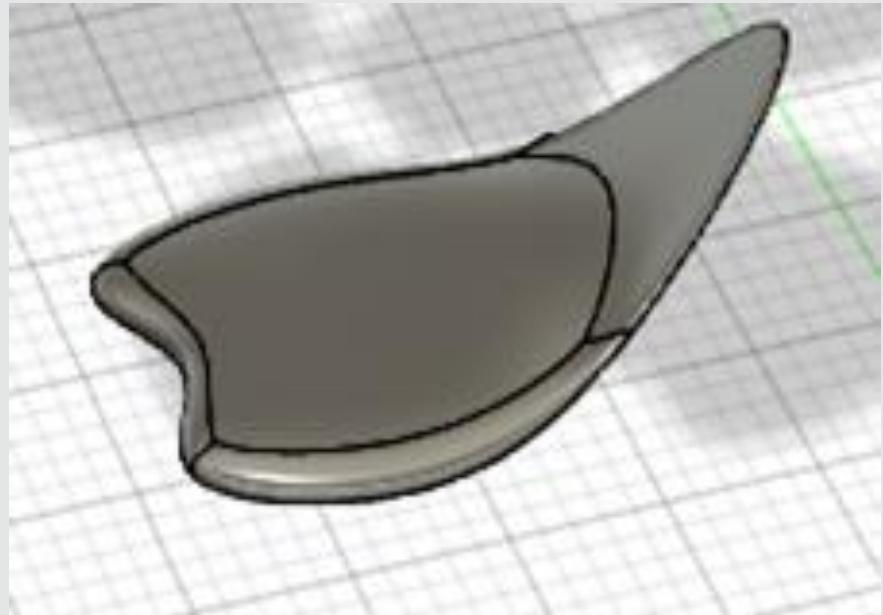
Common milkweed (*Asclepias syriaca*) flower



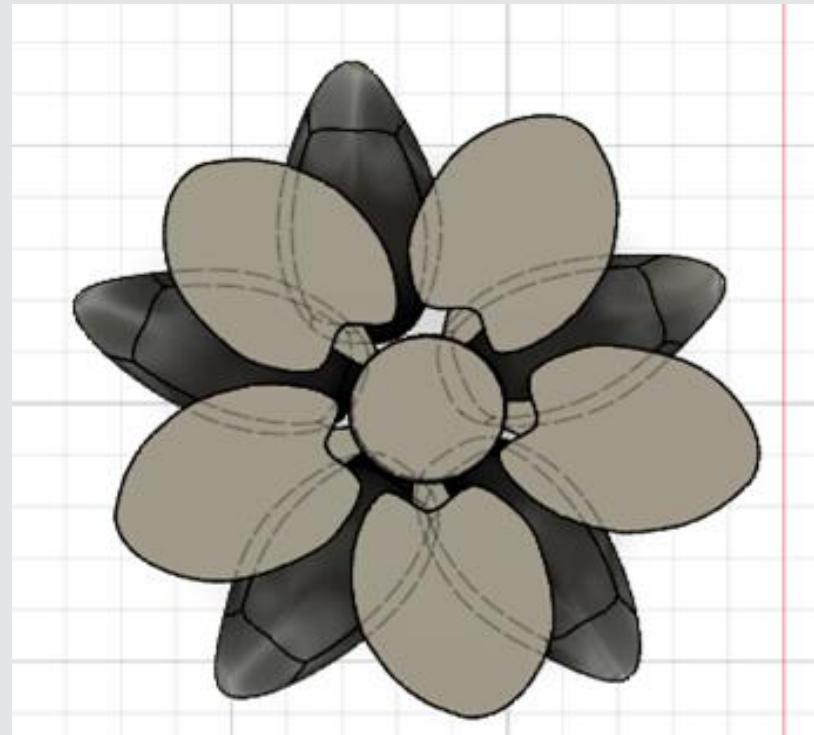
Common milkweed (*Asclepias syriaca*) flower



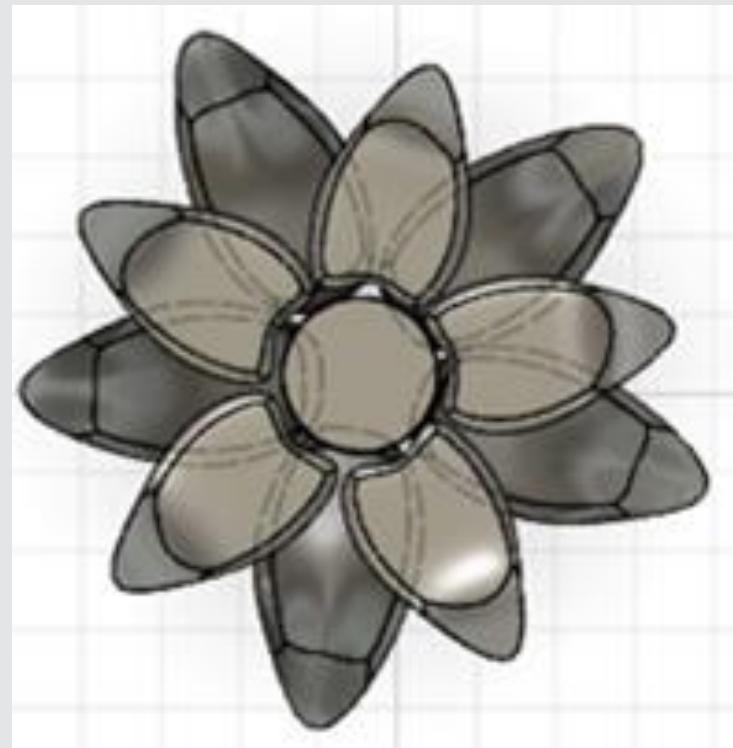
Common milkweed (*Asclepias syriaca*) flower



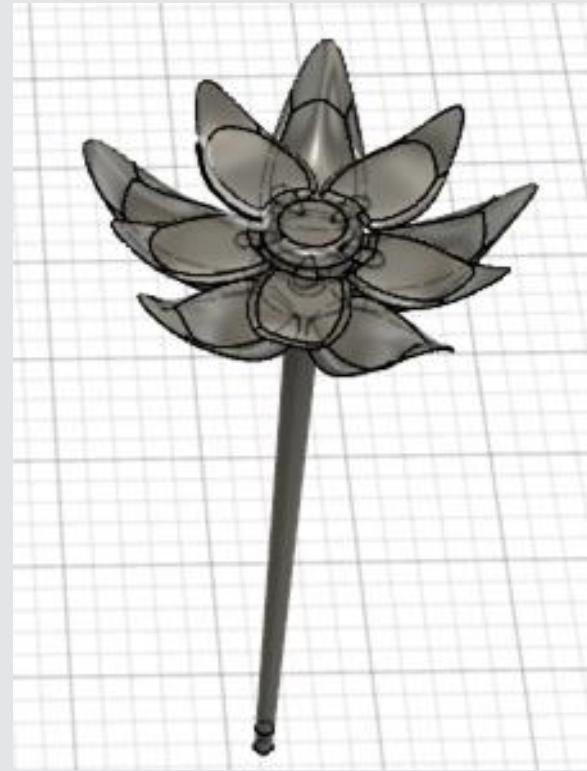
Common milkweed (*Asclepias syriaca*) flower



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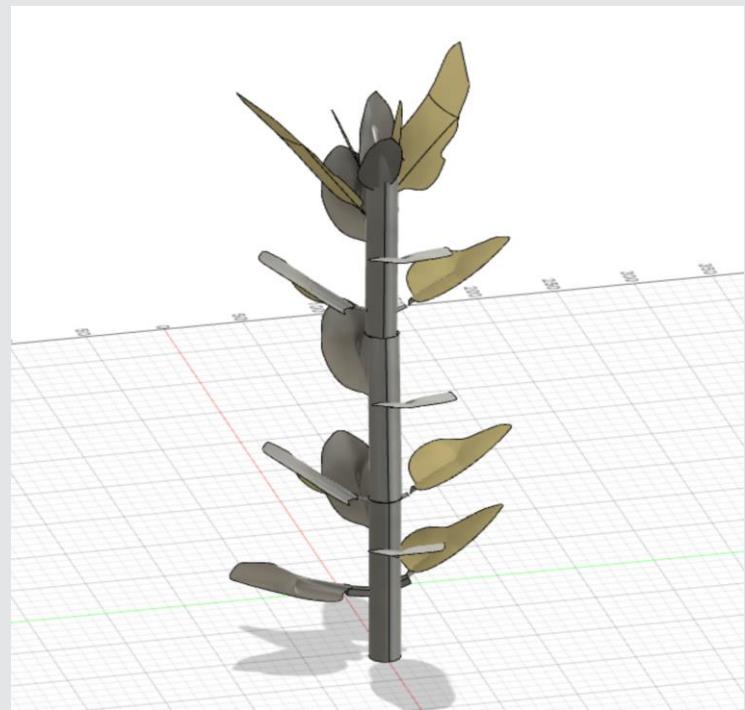
Common milkweed (*Asclepias syriaca*) flower



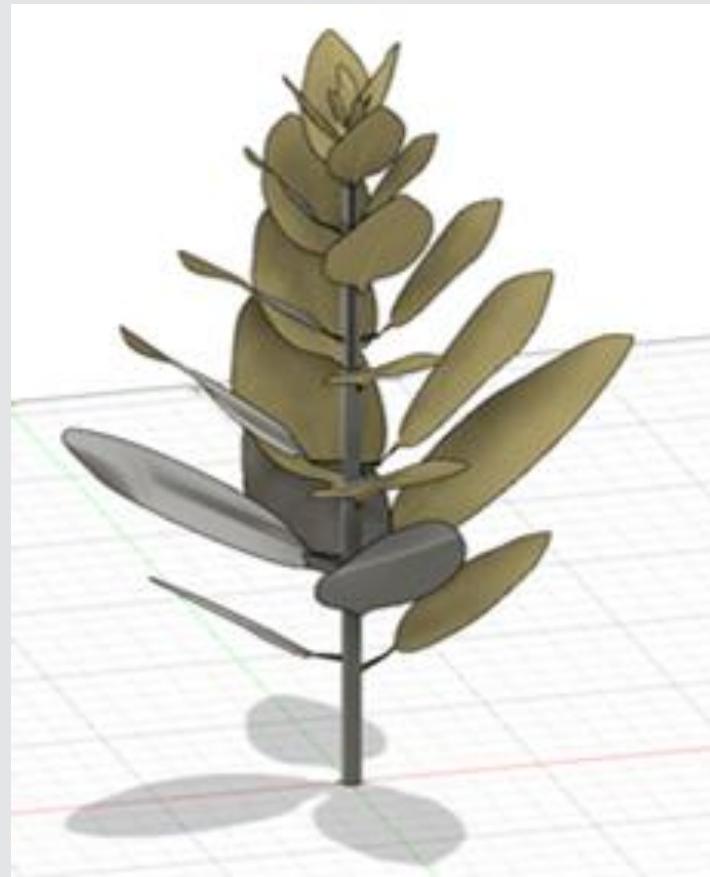
Common milkweed (*Asclepias syriaca*) stem



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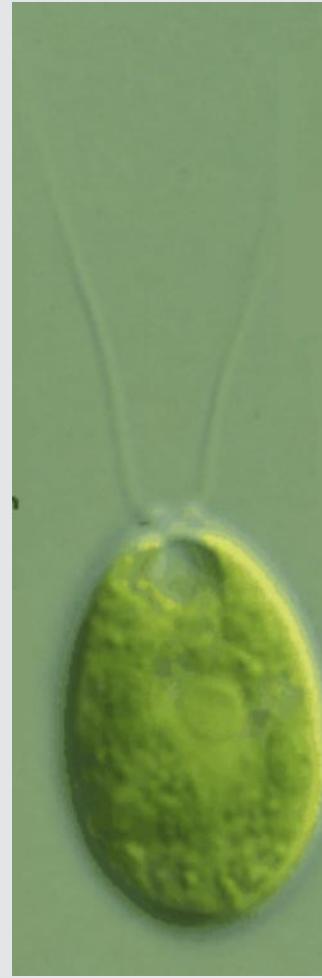
Common milkweed (*Asclepias syriaca*) plant



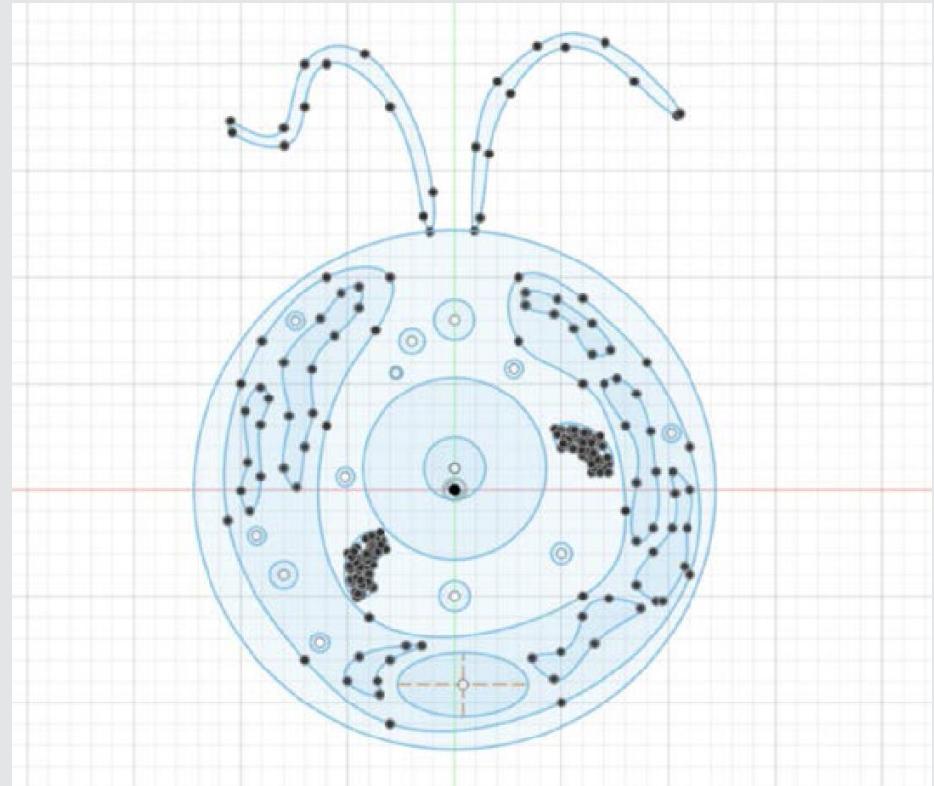
Common milkweed (*Asclepias syriaca*) plant



Chlamydomona *(Chlamydomonas reinhardtii)* cell



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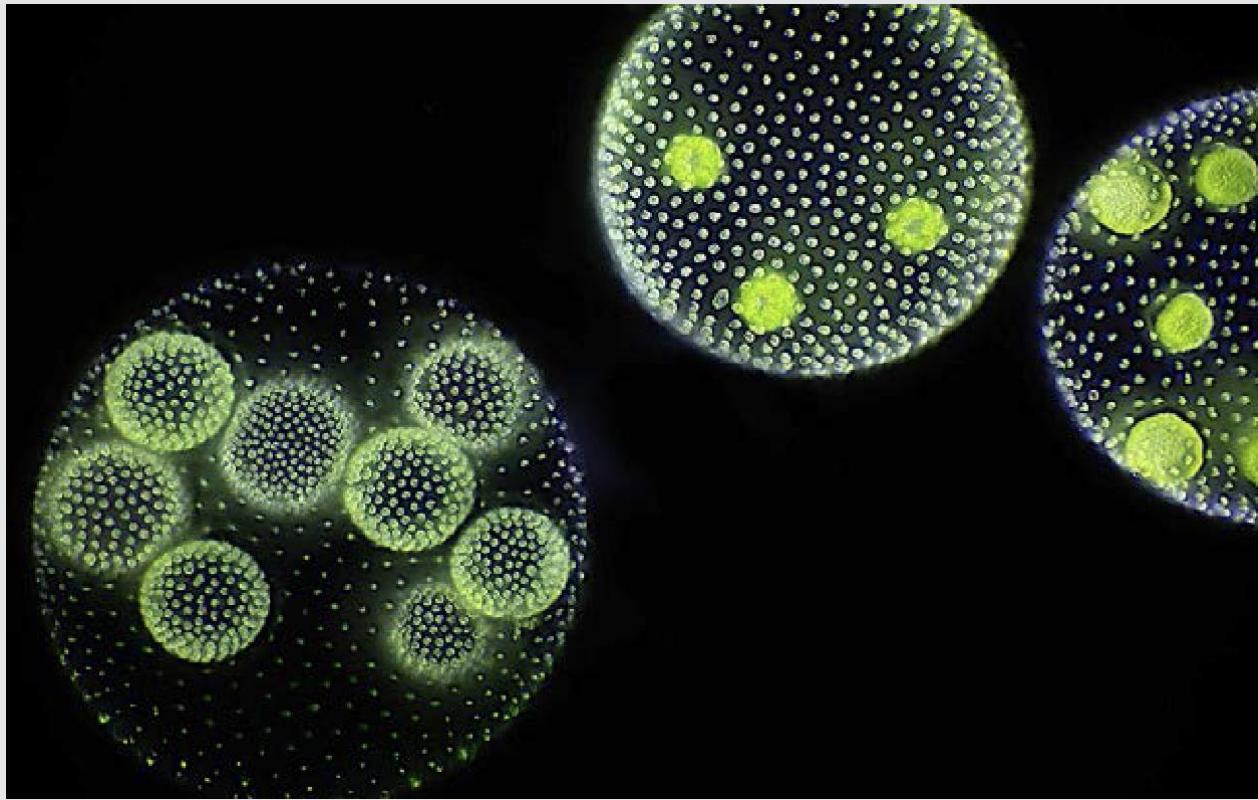
Chlamydomona (*Chlamydomonas reinhardtii*) cell



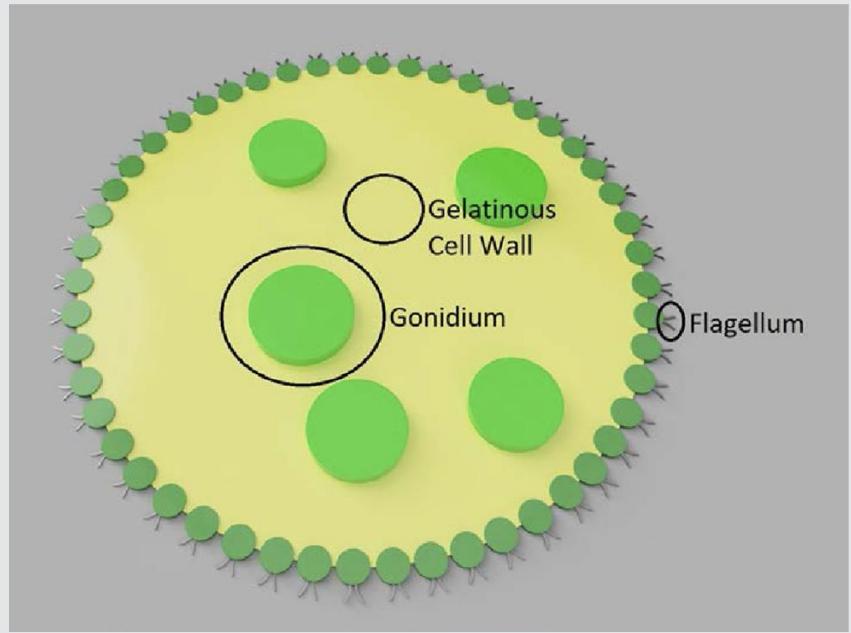
Chlamydomona (*Chlamydomonas reinhardtii*) cell



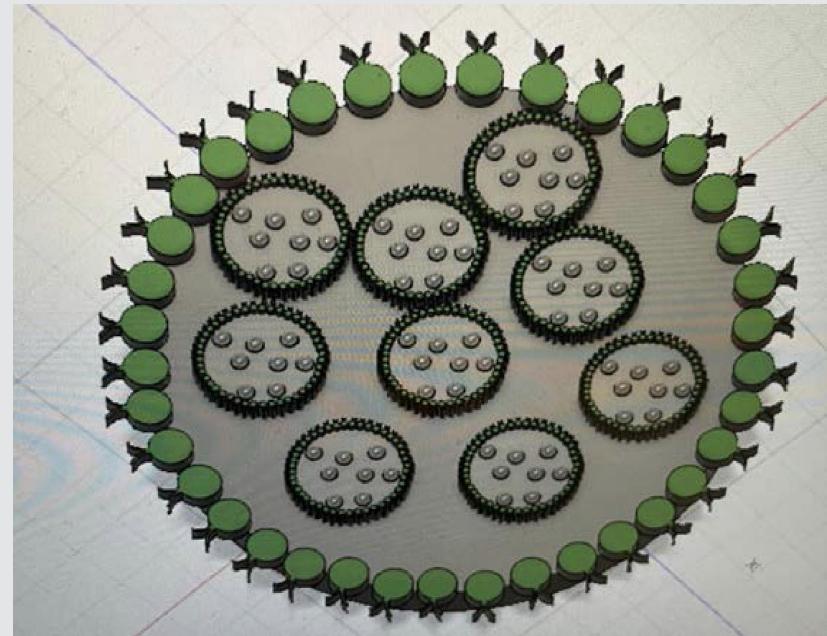
Volvox (*Volvox carteri*) colony



Volvox (*Volvox carteri*) colony



Volvox (*Volvox carteri*) colony



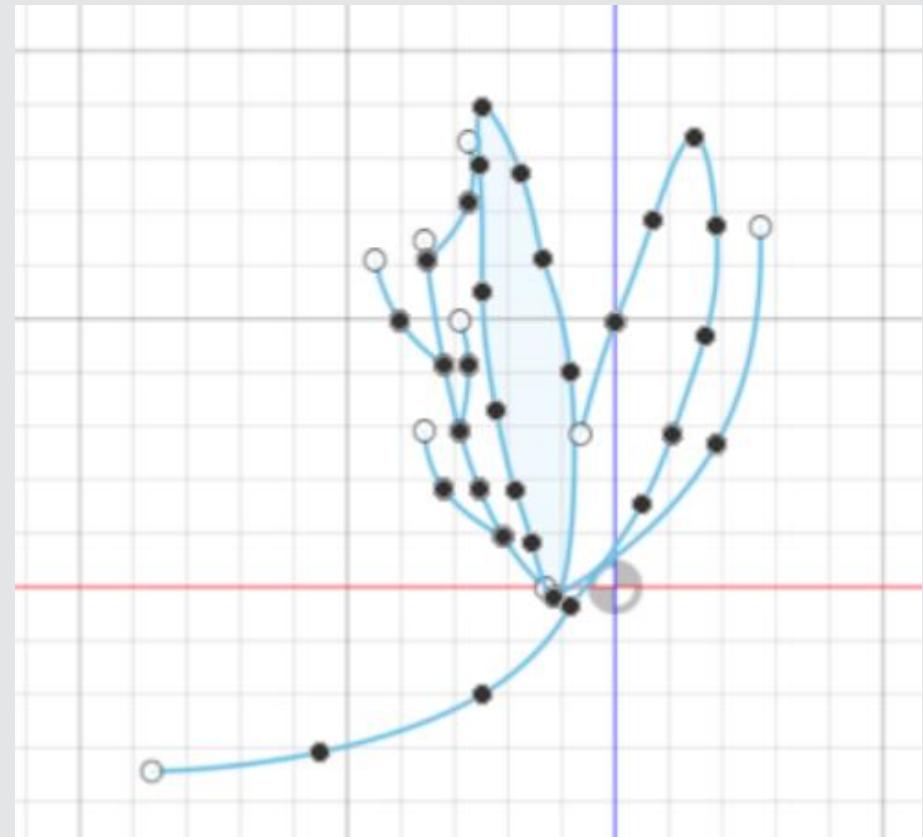
Indiangrass (*Sorghastrum nutans*) spiklet



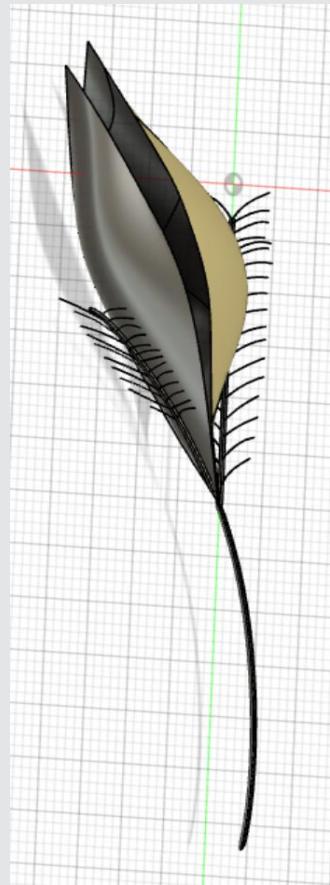
Indiangrass (*Sorghastrum nutans*) spiklet



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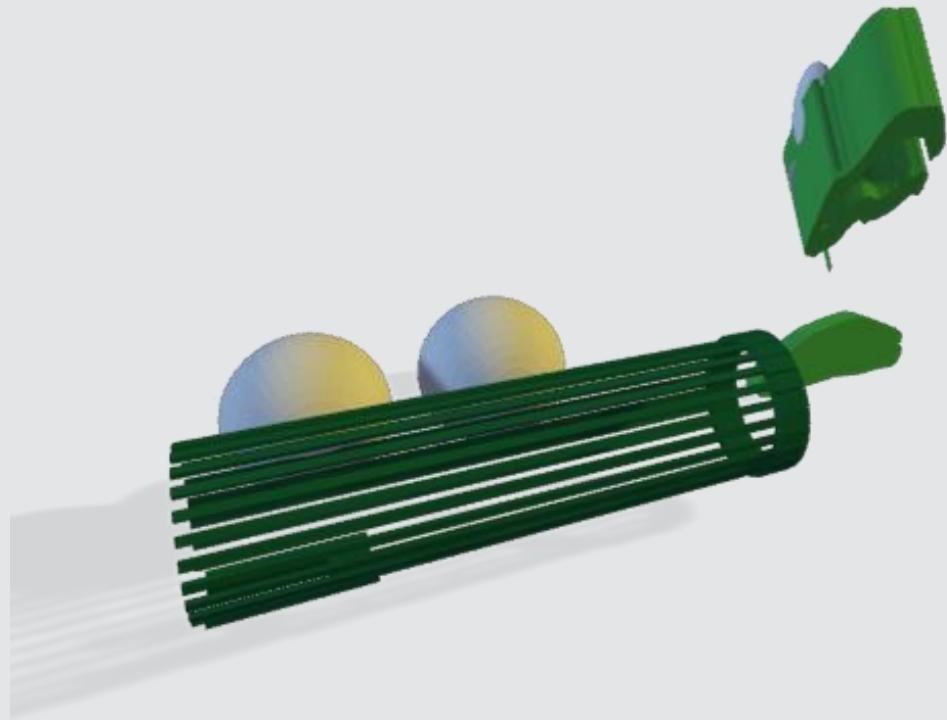
Indiangrass (*Sorghastrum nutans*) spiklet



Soybean (*Glycine max*)



Soybean (*Glycine max*) Pod





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