

3D Plants:

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

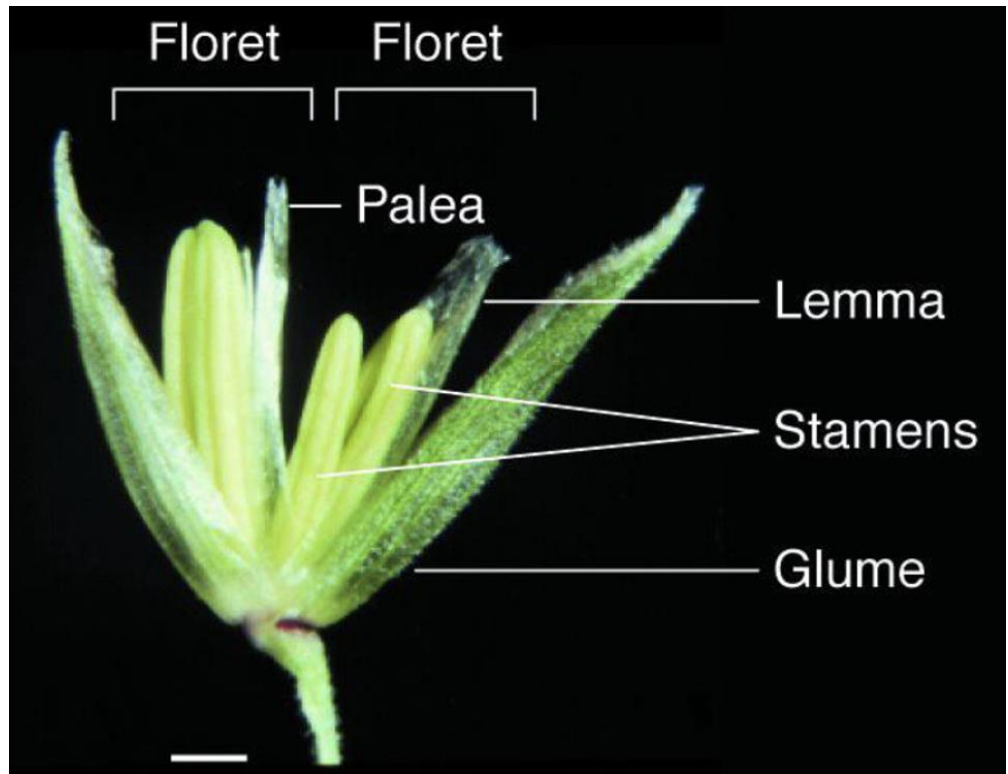
September 2023



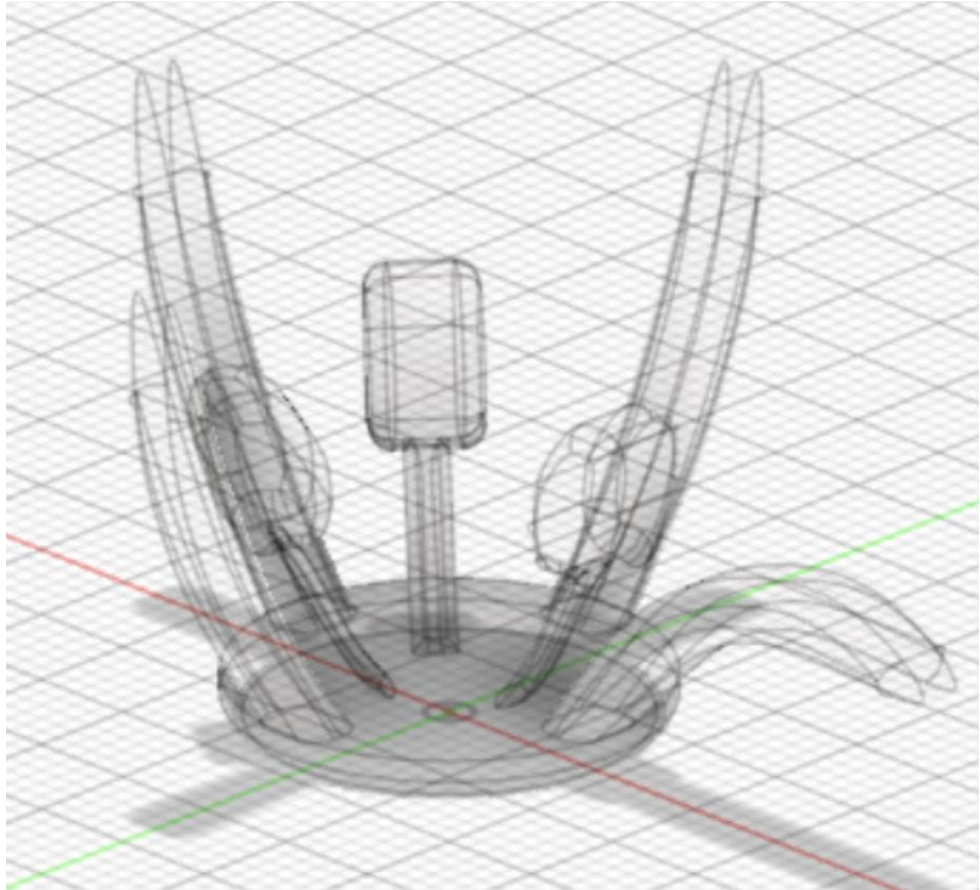
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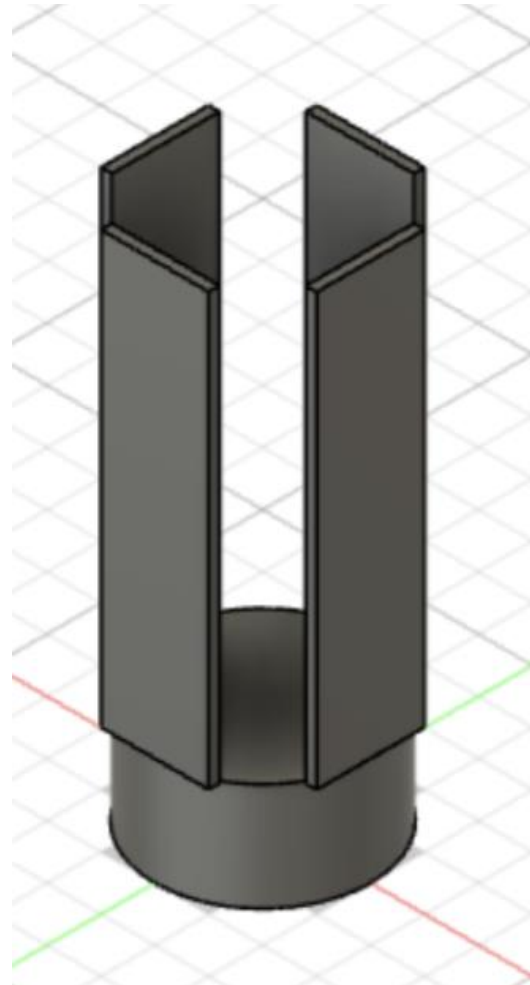
Maize (*Zea mays*) male floret



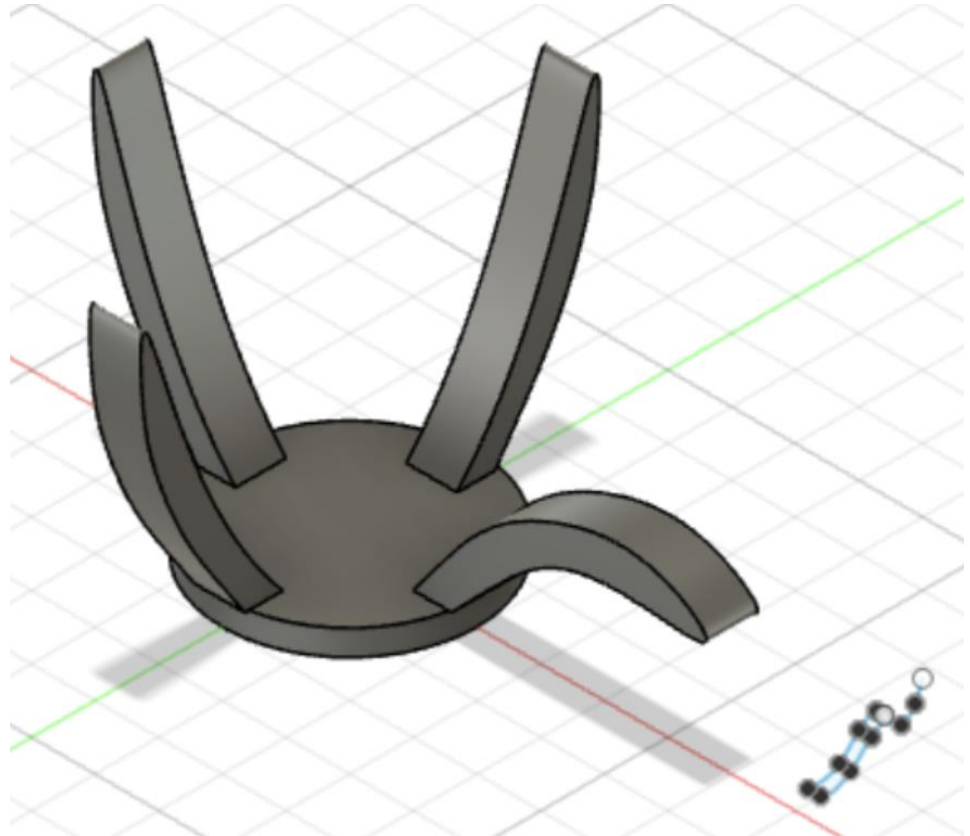
Maize (*Zea mays*) male floret



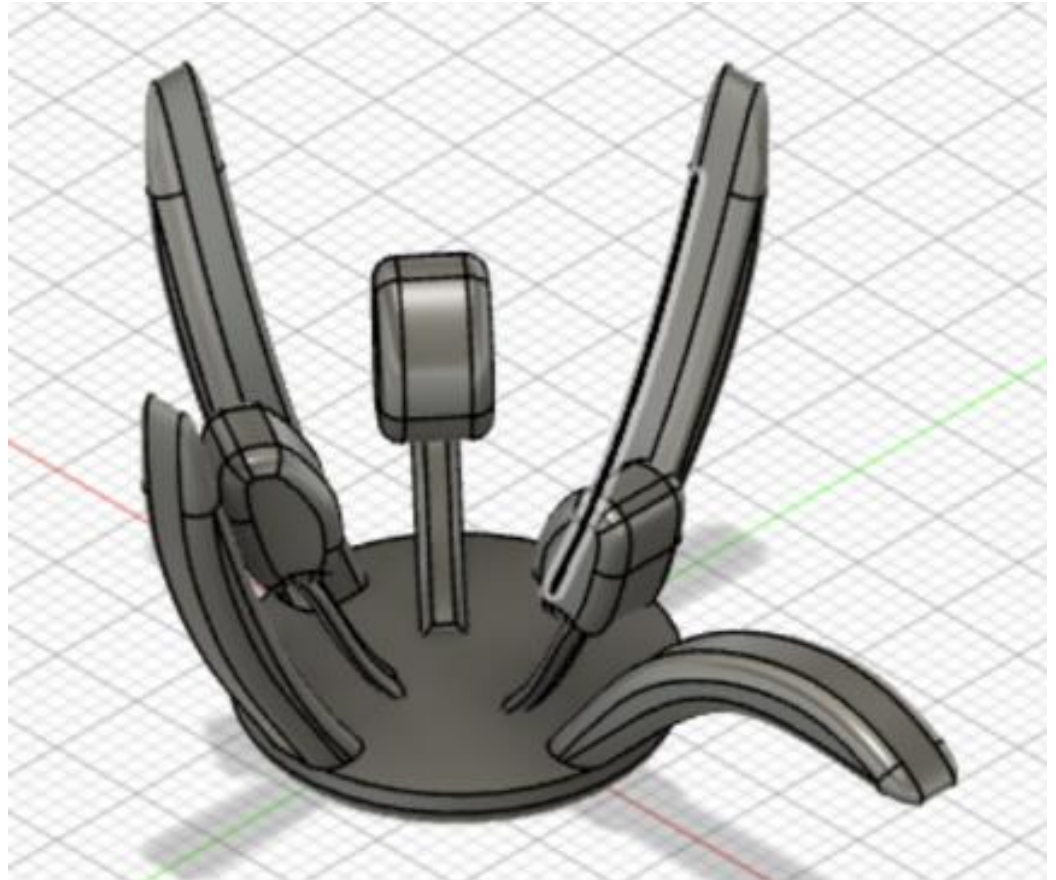
Maize (*Zea mays*) male floret



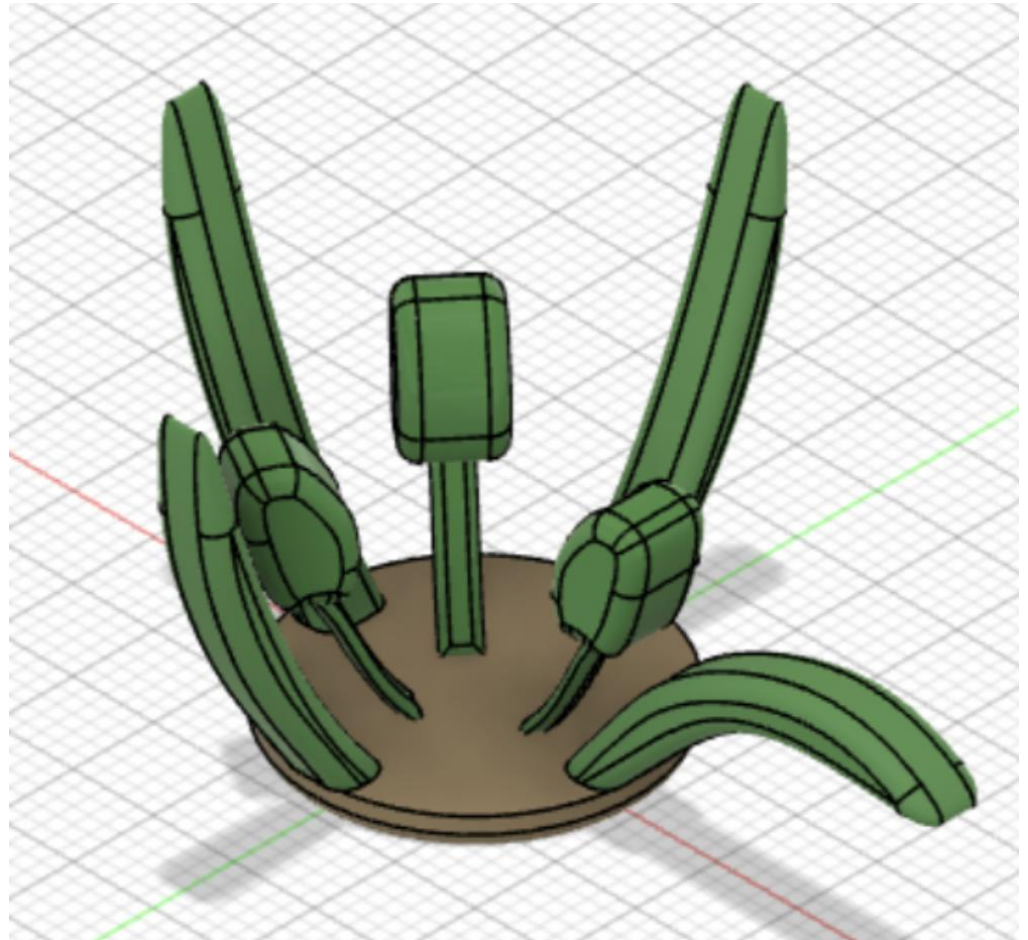
Maize (*Zea mays*) male floret



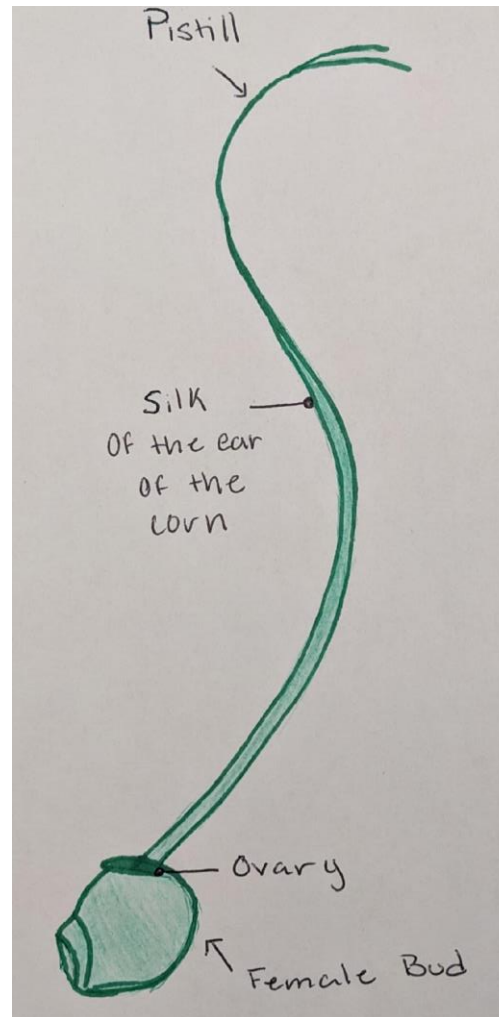
Maize (*Zea mays*) male floret



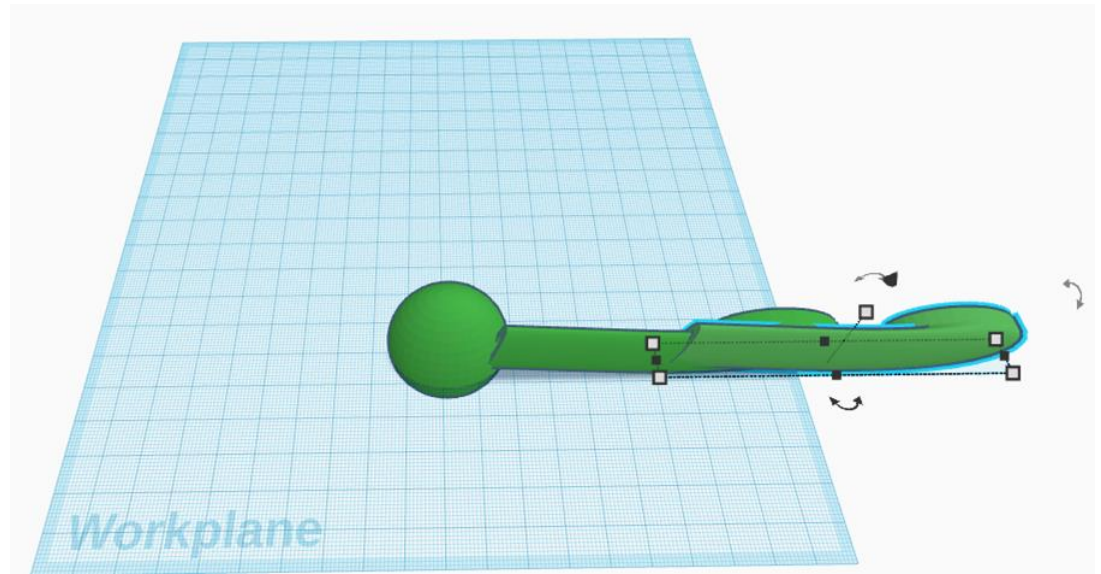
Maize (*Zea mays*) male floret



Maize (*Zea mays*) kernel



Maize (*Zea mays*) kernel



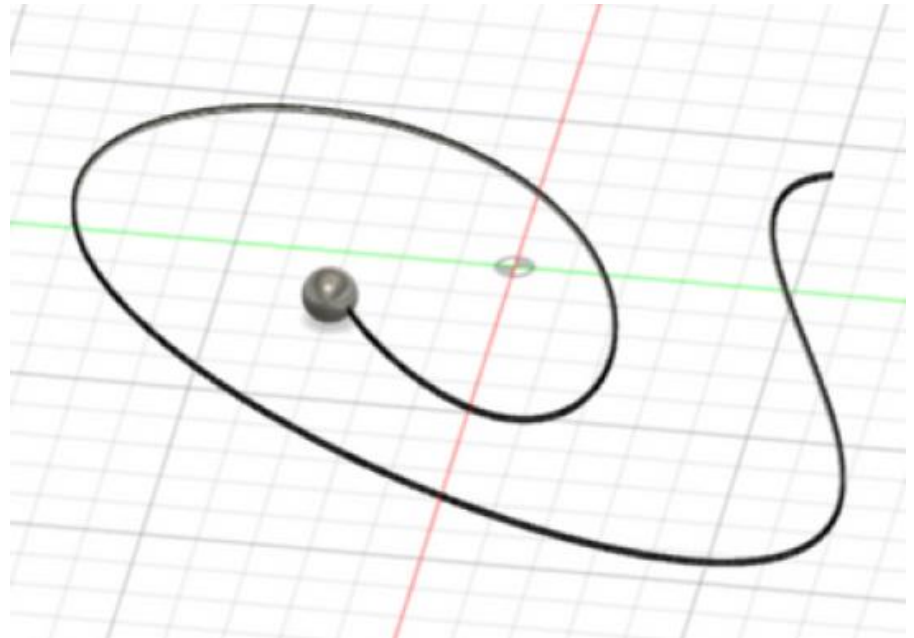
Maize
(*Zea mays*)
female floret/pollination tube



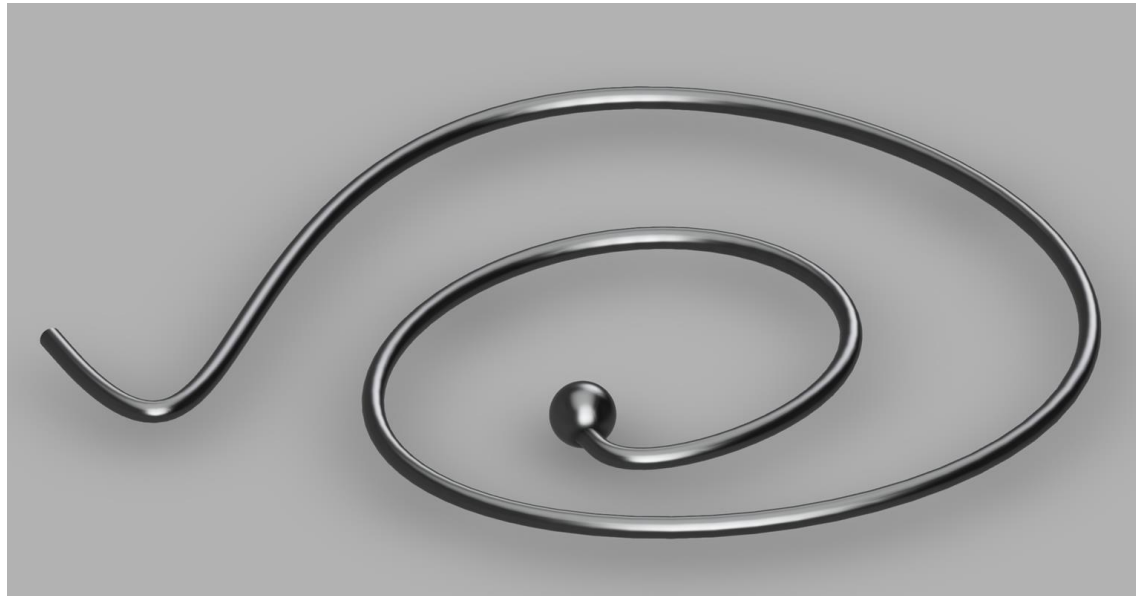
Maize (*Zea mays*) female floret/pollination tube



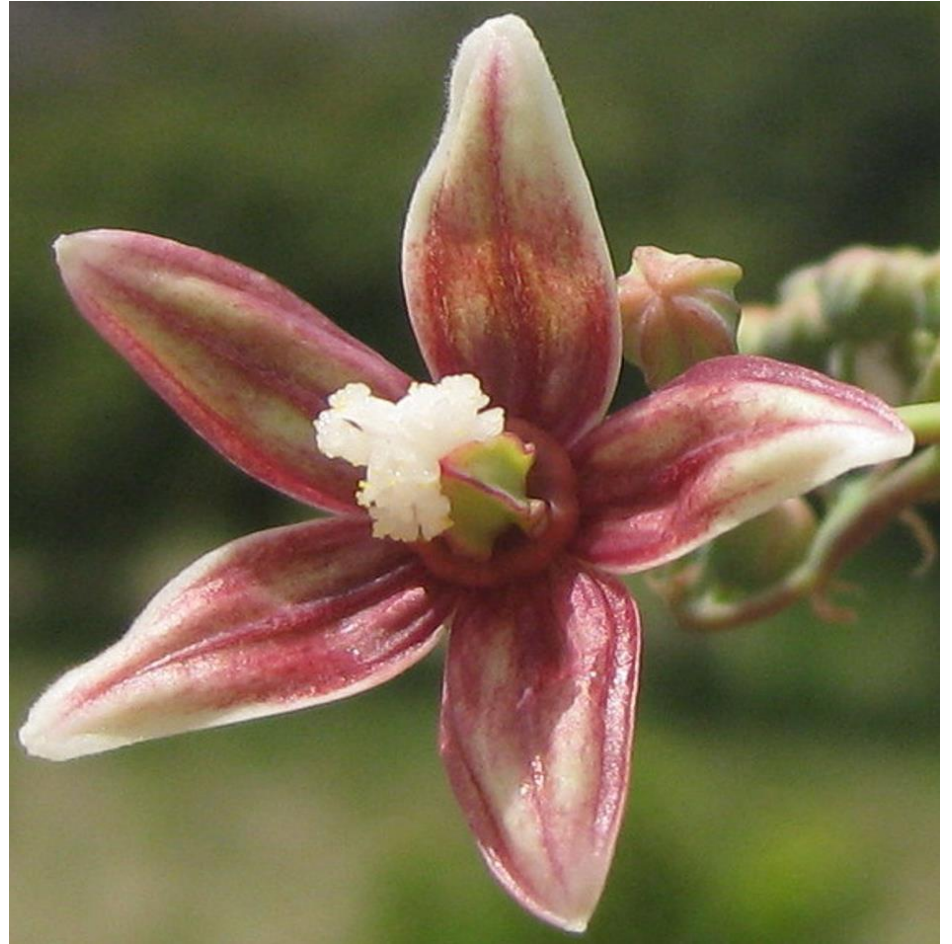
Maize
(*Zea mays*)
female floret/pollination tube



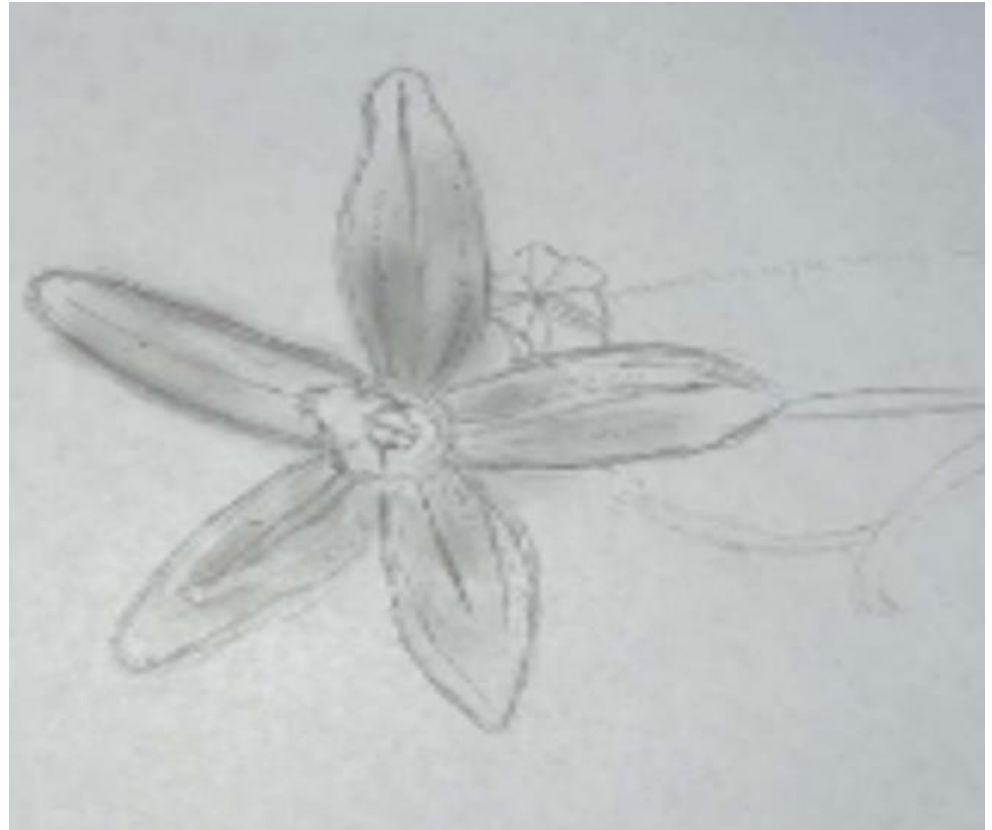
Maize
(*Zea mays*)
female floret/pollination tube



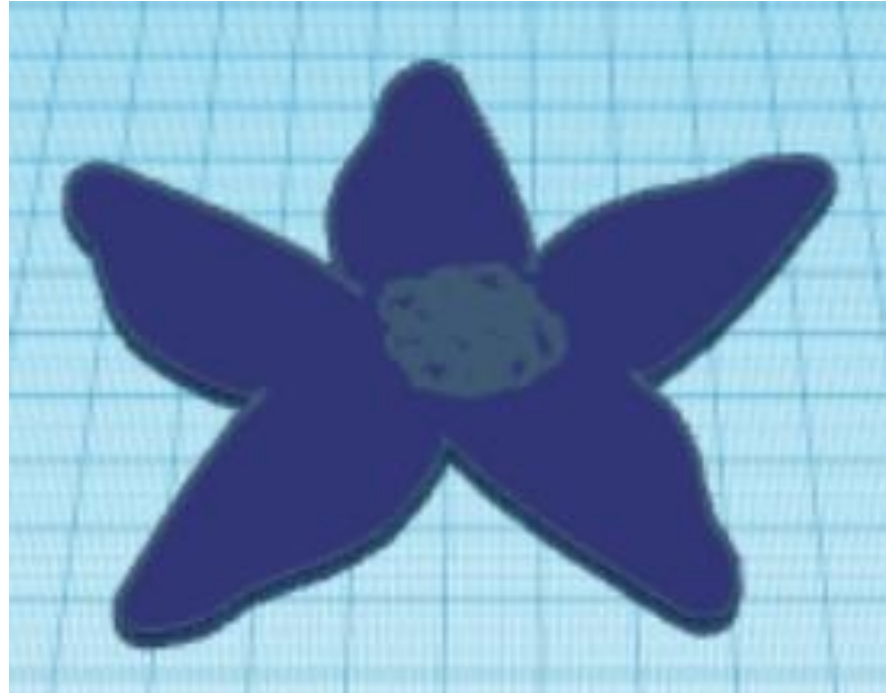
Cassava
(*Manihot esculenta*)
female flower



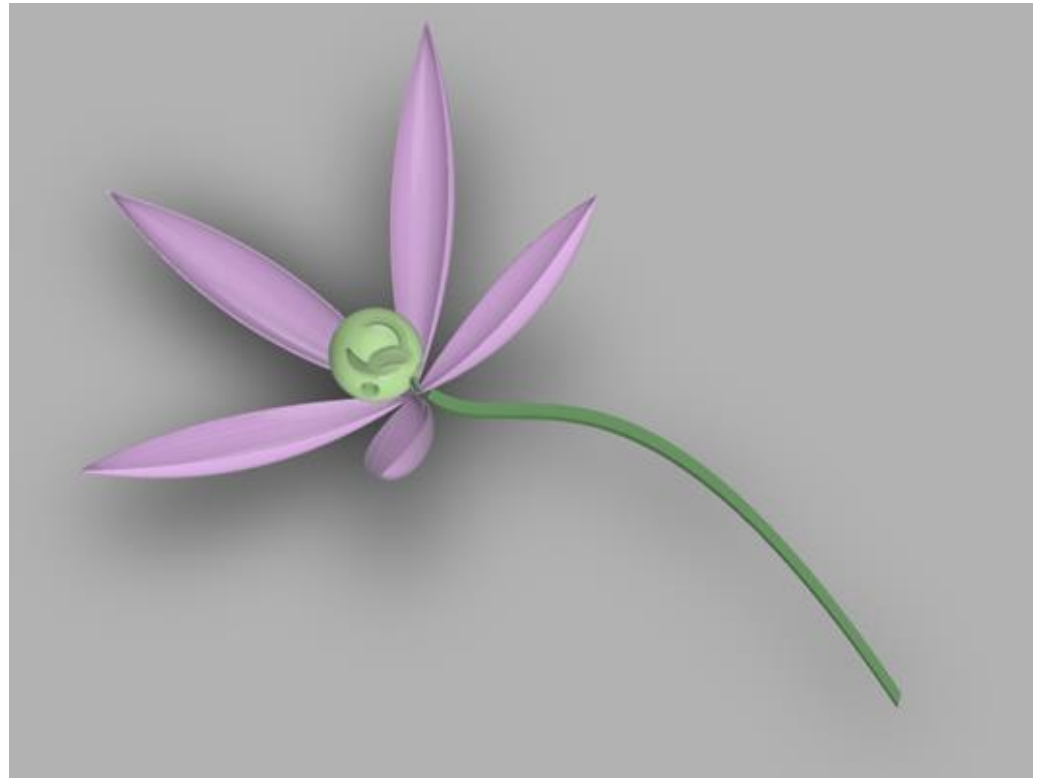
Cassava
(*Manihot esculenta*)
female flower



Cassava
(*Manihot esculenta*)
female flower



Cassava
(*Manihot esculenta*)
female flower



Cassava
(*Manihot esculenta*)
male flower



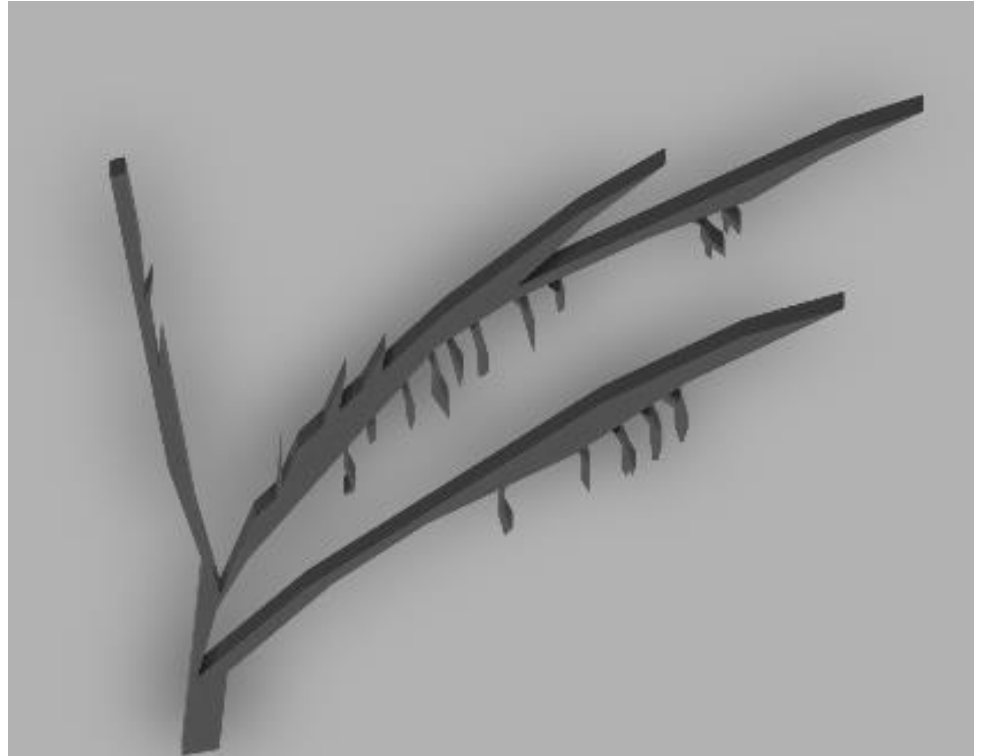
Big bluestem (*Andropogon gerardii*) inflorescence



Big bluestem (*Andropogon gerardii*) inflorescence



Big bluestem
(*Andropogon gerardii*)
inflorescence



Big bluestem (*Andropogon gerardii*) spiklet



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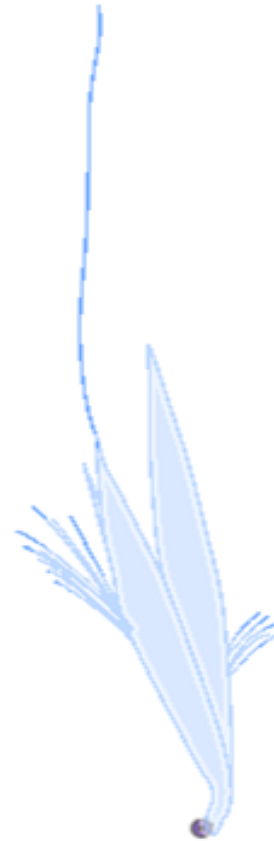
zSpace



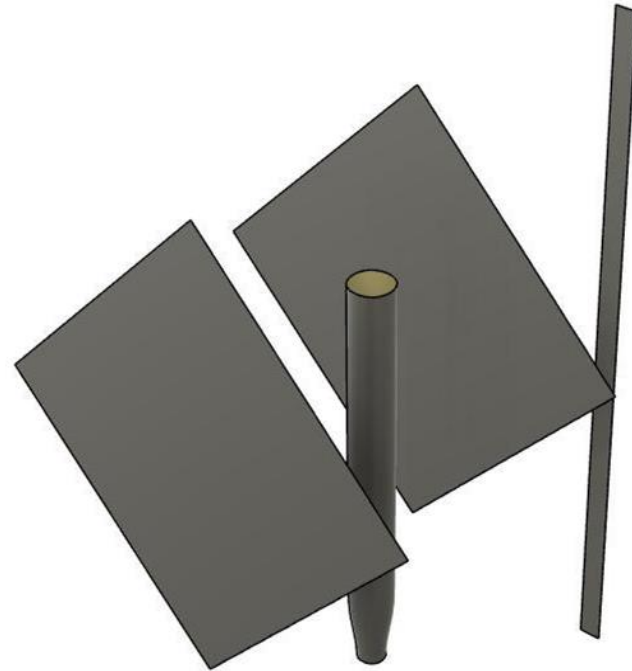
Big bluestem (*Andropogon gerardii*) spiklet



Big bluestem (*Andropogon gerardii*) spiklet



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Big bluestem (*Andropogon gerardii*) spiklet



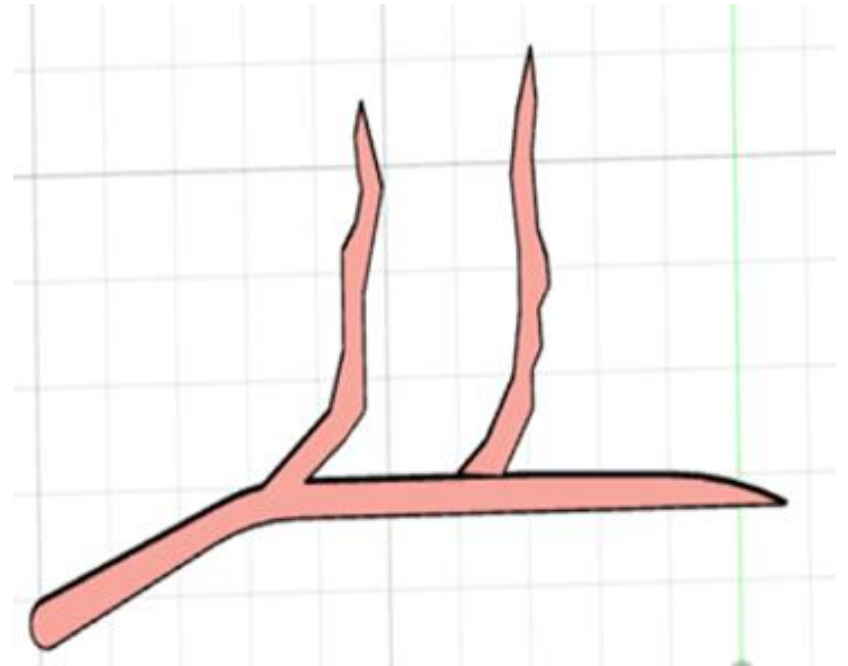
Seashore paspalum (*Paspalum vaginatum*) stolon



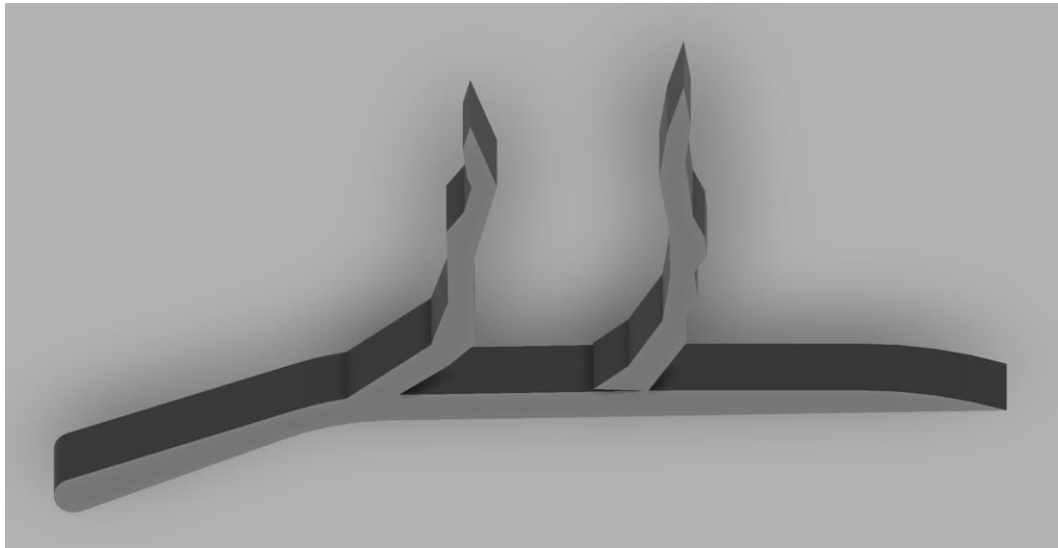
Seashore paspalum (*Paspalum vaginatum*) stolon



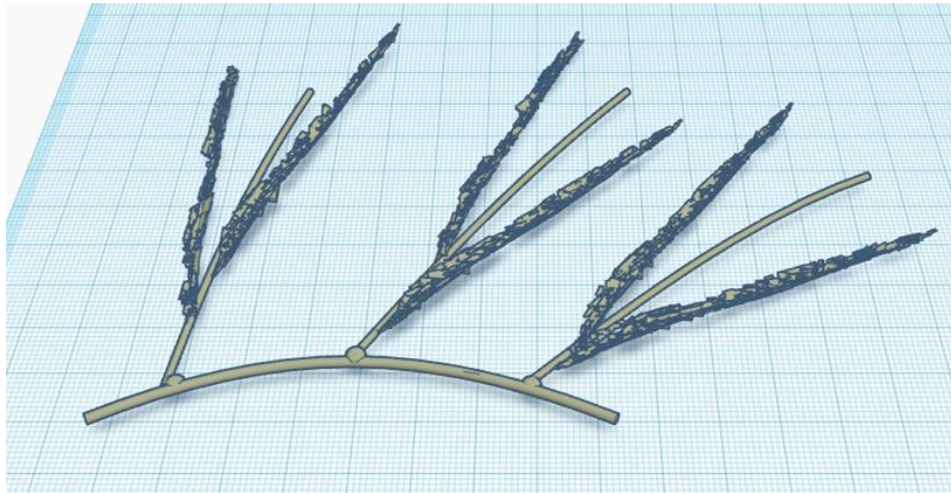
**Seashore paspalum
(*Paspalum vaginatum*)
stolon**



Seashore paspalum (*Paspalum vaginatum*) stolon



Seashore paspalum (*Paspalum vaginatum*) stolon



Barrel medic (*Medicago truncatula*)



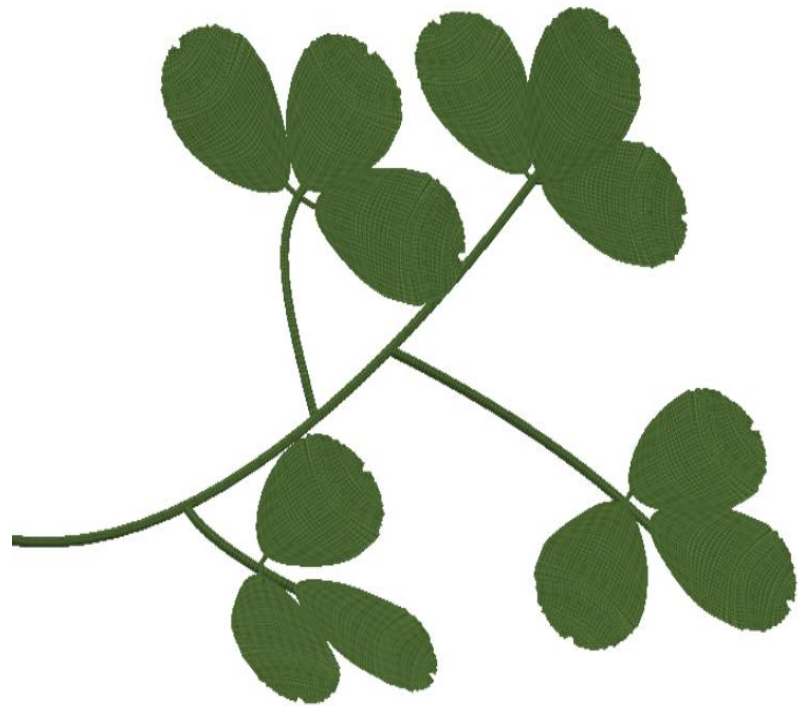
Barrel medic (*Medicago truncatula*)



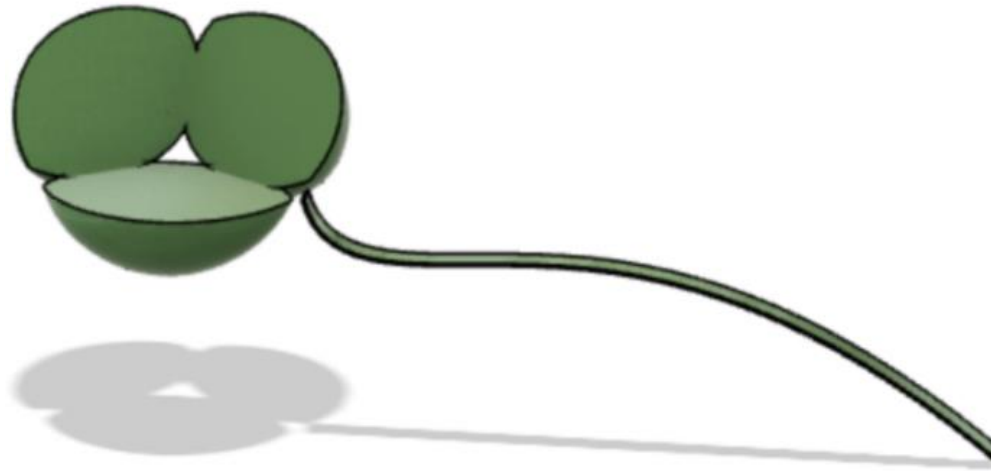
Barrel medic (*Medicago truncatula*) leaf



Barrel medic
(*Medicago truncatula*)
leaf



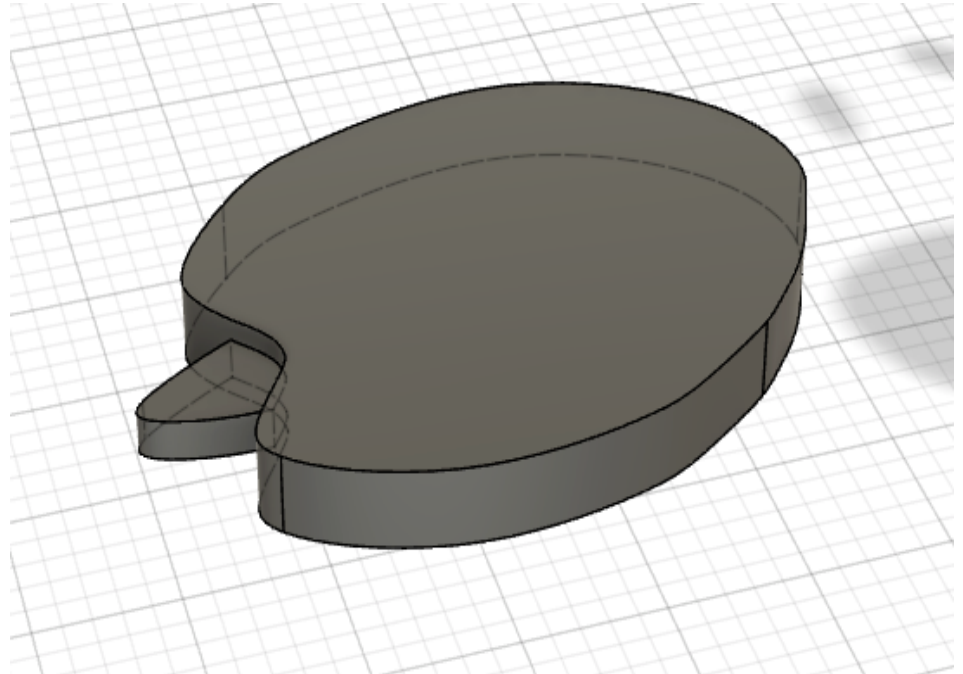
Barrel medic (*Medicago truncatula*)



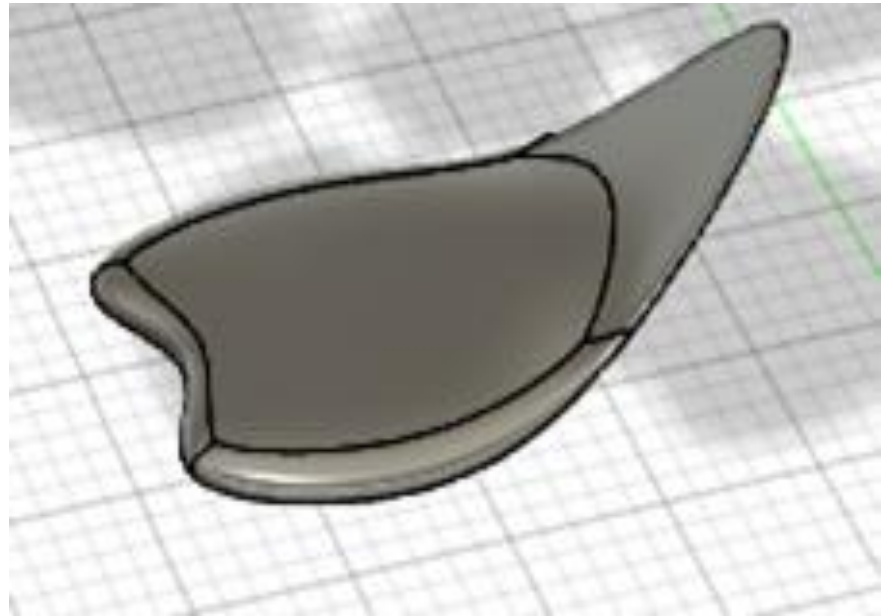
Common milkweed (*Asclepias syriaca*) flower



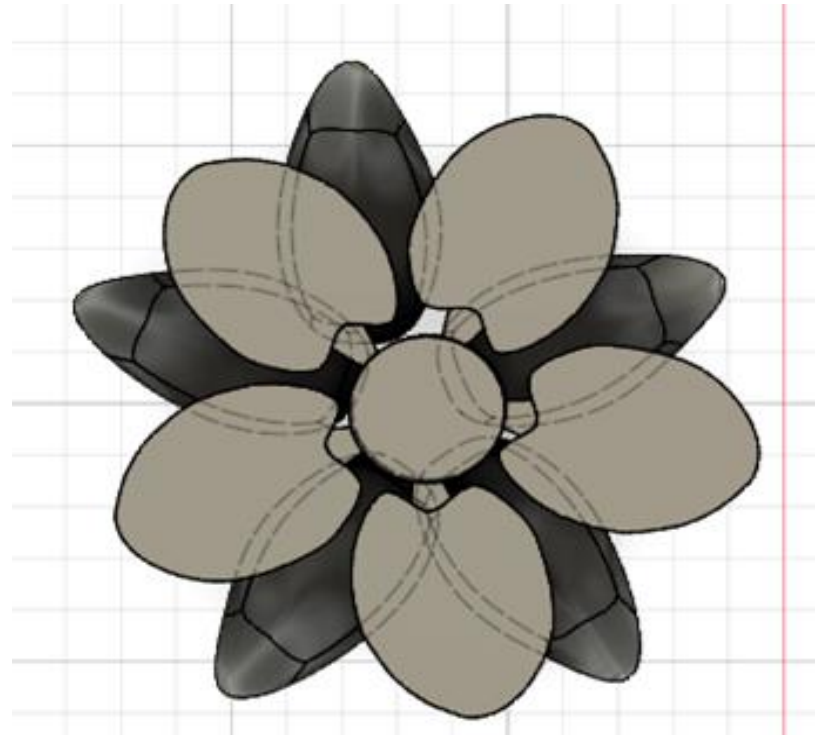
Common milkweed (*Asclepias syriaca*) flower



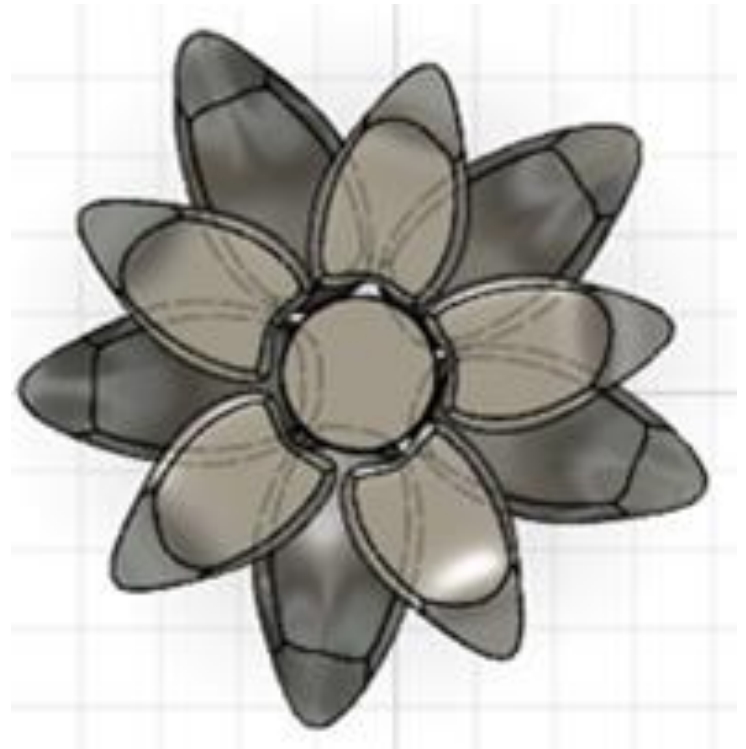
Common milkweed (*Asclepias syriaca*) flower



Common milkweed (*Asclepias syriaca*) flower



Common milkweed (*Asclepias syriaca*) flower



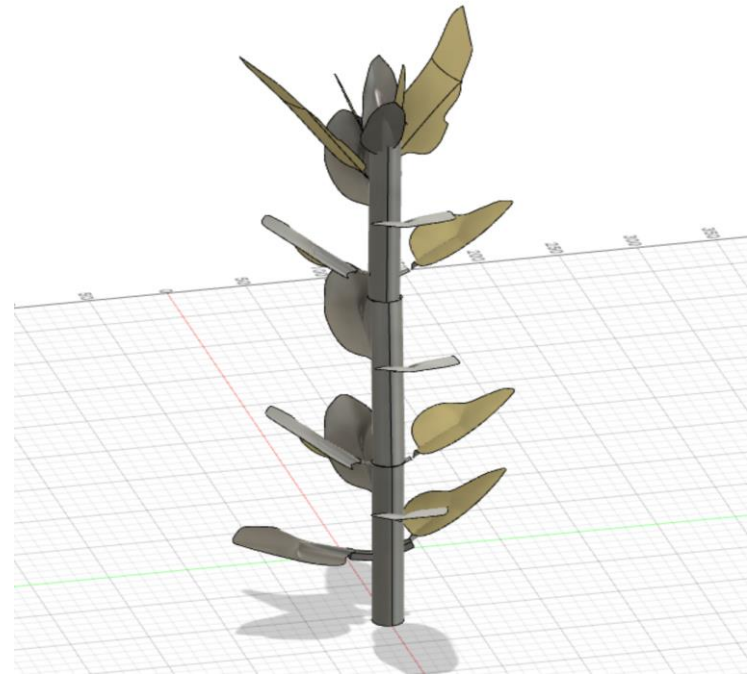
Common milkweed (*Asclepias syriaca*) flower



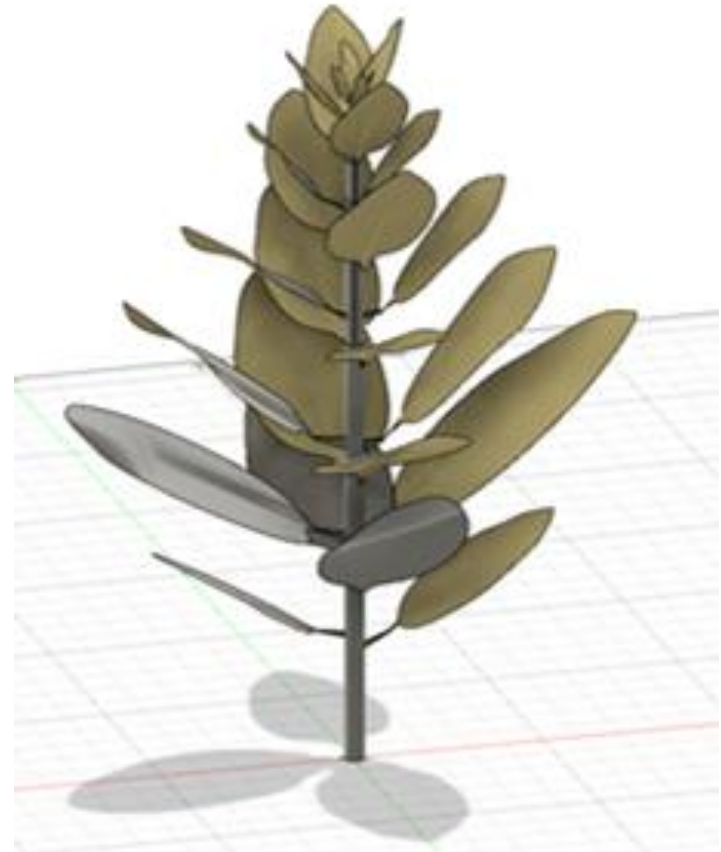
Common milkweed (*Asclepias syriaca*) stem



Common milkweed (*Asclepias syriaca*) stem



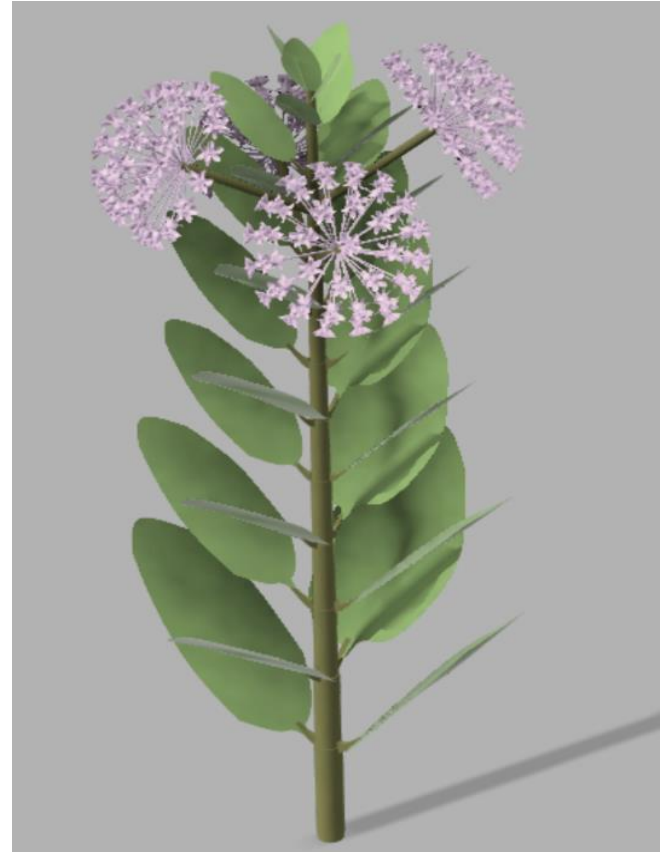
Common milkweed (*Asclepias syriaca*) stem



Common milkweed (*Asclepias syriaca*) plant



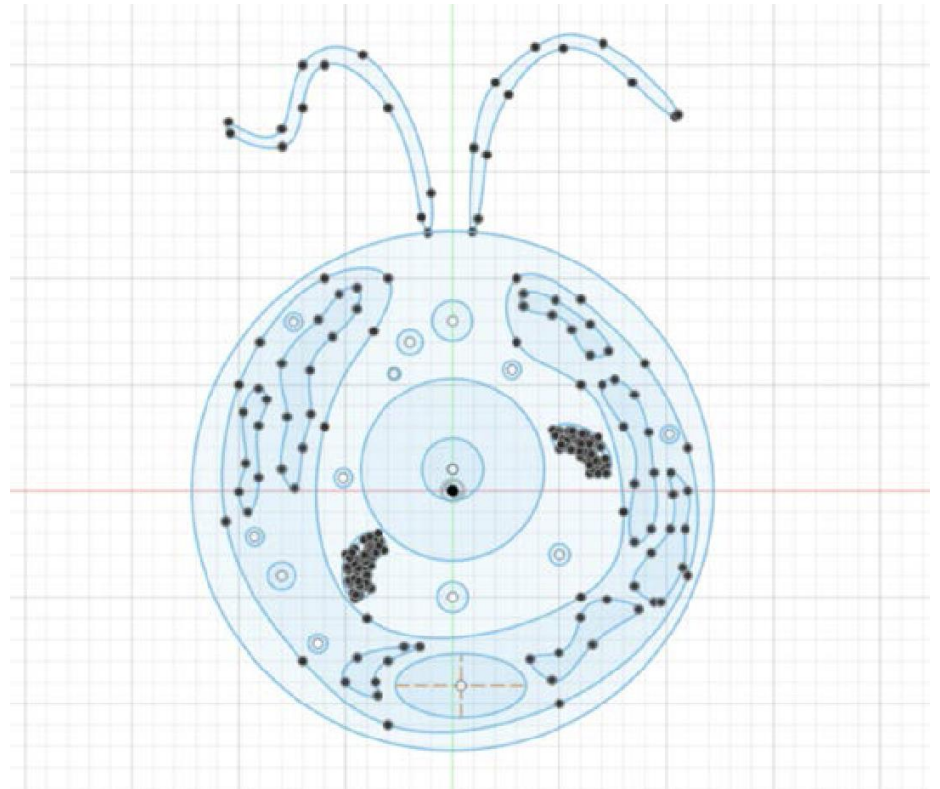
Common milkweed (*Asclepias syriaca*) plant



Chlamydomona
(*Chlamydomonas*
***reinhardtii*)**
cell



Chlamydomona (*Chlamydomonas* *reinhardtii*) cell



Chlamydomona
(*Chlamydomonas*
***reinhardtii*)**
cell



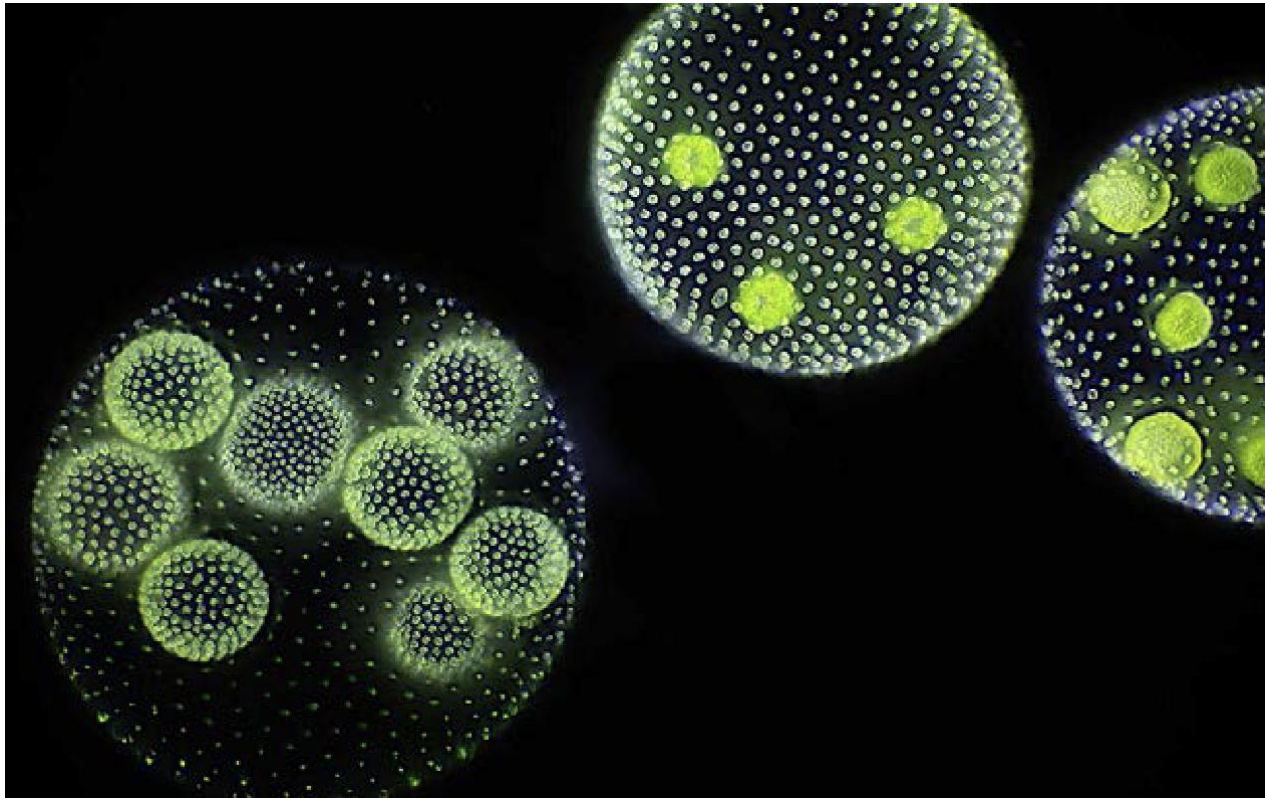
Chlamydomona
(*Chlamydomonas*
***reinhardtii*)**
cell



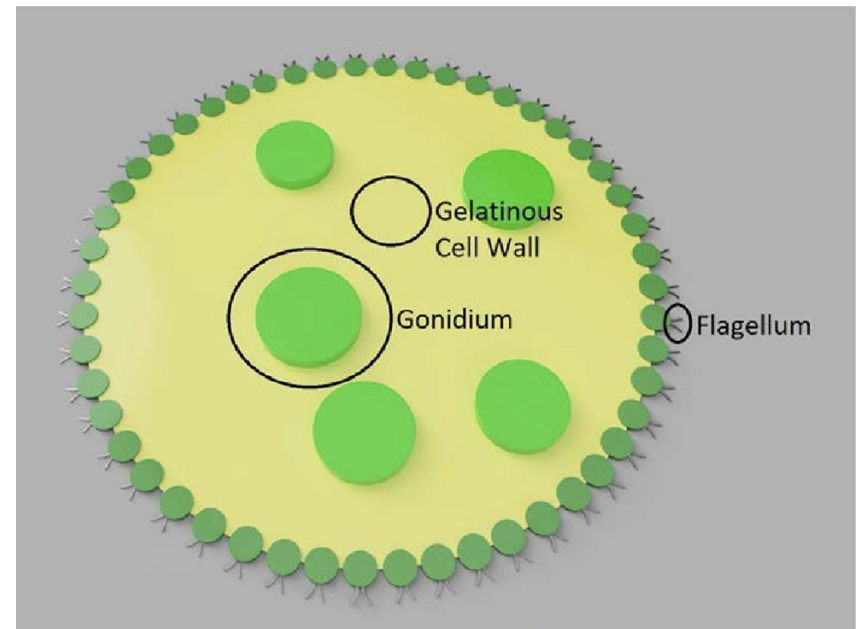
Chlamydomona (*Chlamydomonas reinhardtii*) cell



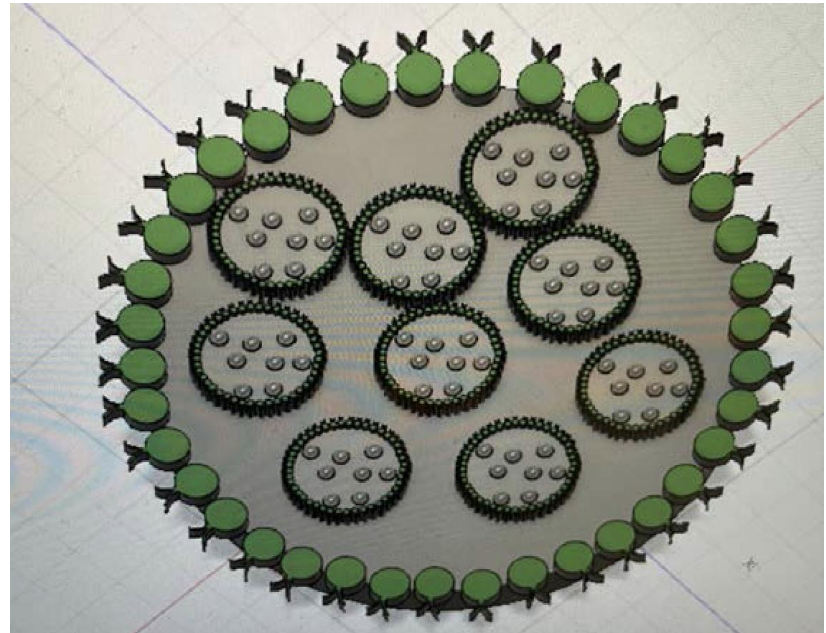
Volvox (*Volvox carteri*) colony



Volvox (*Volvox carteri*) colony



Volvox (*Volvox carteri*) colony



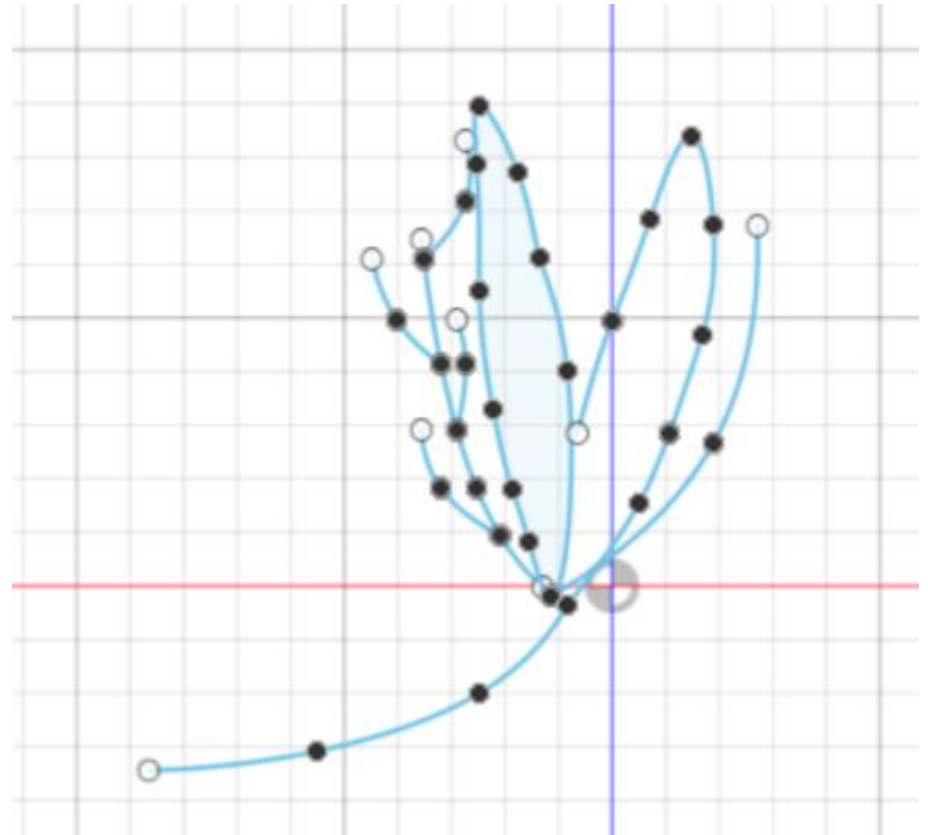
Indiangrass
(*Sorghastrum nutans*)
spiklet



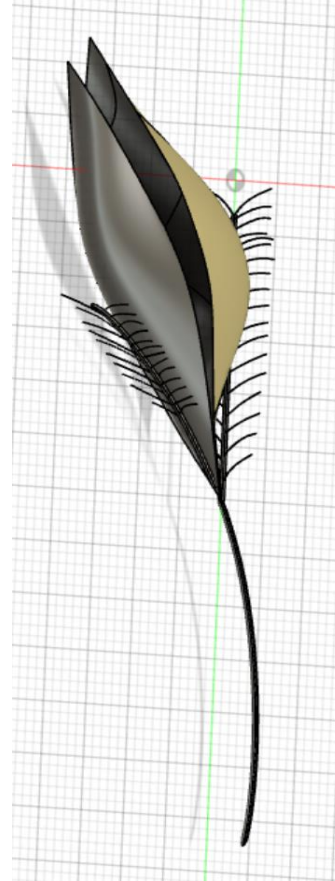
Indiangrass (*Sorghastrum nutans*) spiklet



Indiangrass (*Sorghastrum nutans*) spiklet



Indiangrass (*Sorghastrum nutans*) spiklet



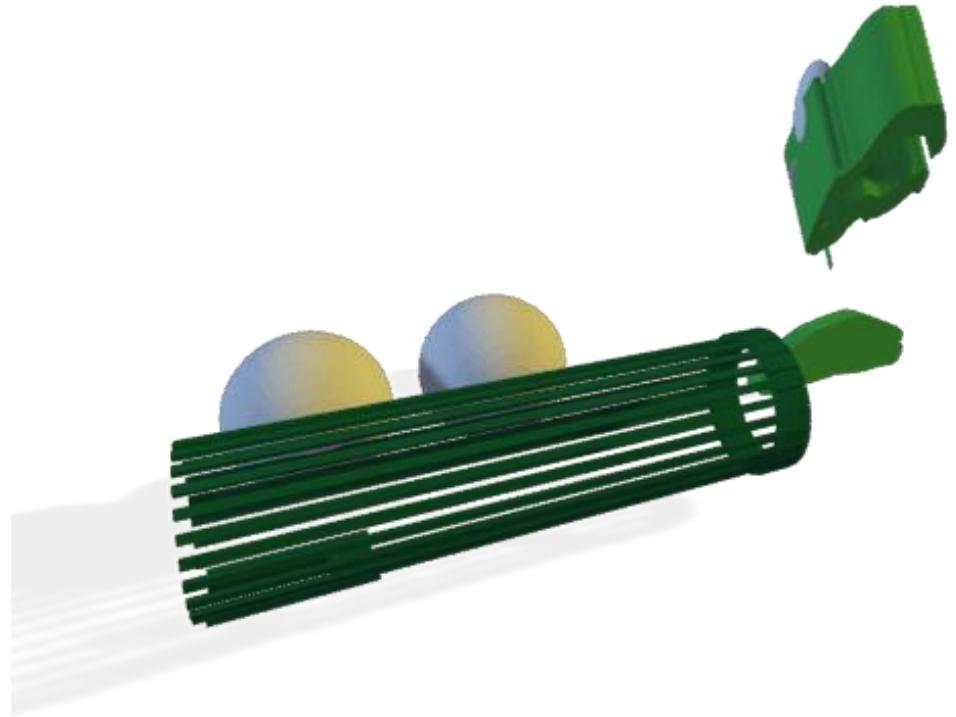
Indiangrass (*Sorghastrum nutans*) spiklet



Soybean (*Glycine max*)



Soybean (*Glycine max*) Pod





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