

BIOLOGY 210 GREENHOUSE REQUESTS 2011

We have around 160 students with 2 lab sections Thursday morning, 2 lab sections Thursday afternoon, 2 lab sections Thursday morning, and 2 lab sections Friday afternoon. We will need one of each request on Wednesday by 9 am for our prep meetings. All requests should be sufficient for each student, except for DEMO's for which we will require 2 plants (one for each lab room). **Thanks Laura!**

January 13, 14

An assortment of ferns

90 – 5inch pots

90 – 3inch pots

soil

sunflower seeds (enough for three per student)

Scarlet Runner seeds (enough for one per student)

bean seedlings (Scarlet Runner) - DEMO

bean plants (10)

young corn plants

plastic labels (8 different colours of 30 each)

January 20, 21 (Cell and Tissue Types)

Coleus plants - DEMO

Corn plants (4 total) - DEMO

Pelargonium – leaves for dissection

Sansevieria leaves to section

Tradescantia leaves

January 27, 28 (Roots)

Alder with nodules (Demo)

Cattleya aerial roots for sectioning

Clover with nodules

Raphanus seedlings germinated in **SAND**:
8 pots (4-8 inch)

Zea prop roots DEMO plus one to section

February 3,4 (Stems)

Beans and bean seedlings - DEMO

	<p><i>Coleus</i> plants (stems to cross-section)</p> <p><i>Pelargonium</i> older plants</p> <p><i>Ricinus</i> 10 day seedlings (at least 100)</p> <p><i>Ricinus</i> 40 day seedlings</p> <p><i>Zea</i> stems to section (32 plants older so that have well developed stem)</p>
February 10, 11 (Leaves)	<p><i>Aloe</i> leaves to section (at least 8 plants total)</p> <p><i>Begonia</i> DEMO stipules</p> <p><i>Bryophyllum</i> / <i>Kalanchoe</i> with plantlets - DEMO</p> <p><i>Citrus</i> thorns and branches to section</p> <p>Cycad – one per lab (2)</p> <p><i>Dionaea</i> DEMO</p> <p><i>Drosera</i> DEMO</p> <p><i>Euphorbia</i> DEMO</p> <p>Herbs for DEMO (oregano, mint)</p> <p>Passionflower DEMO (leaves and tendrils)</p> <p>Peas tendrils DEMO</p> <p><i>Peperomia nummularifolia</i> leaves to section</p> <p><i>Sarracenia</i></p> <p>Succulents and cacti DEMO</p> <p><i>Thymus</i> (thyme) – 4-6 plants</p> <p><i>Zea</i> leaves to section (at least 32 plants – for sectioning leaves)</p>
February 24, 25	MIDTERM EXAM - materials to be requested three weeks prior
March 3, 4	<i>Selaginella krausiana</i> stems to section
March 10, 11	<p><i>Azolla</i> DEMO</p> <p>ferns - as many types as possible</p> <p><i>Marsilea</i> DEMO and sporocarps (order)</p>

	<i>Ophioglossum</i> - DEMO <i>Psilotum</i> branches with sporangia <i>Salvinia</i> - DEMO
March 17, 18	Cycads (whatever we can get) <i>Pinus</i> - 4 pots of seedlings (including this year's and any from previous years) <i>Pinus</i> – small trees <i>Podocarpus</i> Other cool gymnosperms?
March 24, 25	<p>Grow:</p> <p>Cherry tomato flowers and fruit Scarlet runner bean seeds (untreated) Snapdragons (may have to purchase) and <i>Mimulus</i> flowers</p> <p>Purchase:</p> <p><i>Cineraria</i> Sunflowers (6 stalks) Daffodils single only Tulips - singles only (please check to be sure there are 6 petals of equal size, 6 stamen. no odd frills or extra parts)</p> <p>Collect:</p> <p><i>Forsythia</i> flowers <i>Prunus</i> flowers</p>
March 31, April 1	TBA: Assortment of flowers for floral exercise FINAL LAB EXAM materials requested three weeks prior