

Lab 1 Microscopes and Microtechnique; Plant Development

Sep 28, 2006

Quantity	Plant Material	Date planted	Days	Directions
6 - 6" pots	Bean	Aug 31, 2006	28	8seed/pot 4pl/pot
2 - 6" pots	Bean	Sep 21, 2006	7	20 seed/pot
4 - 6" pots	Bean	Sep 11, 2006	17	15 seed/pot
20 flowers	Tradescantia stamen trichomes	May 31, 2006	120	Repot

Lab 2 The Plant Cell and Xylem Regeneration Experiment, part 1

Oct 3, 2006

Quantity	Plant Material	Date planted	Days	Directions
2 pkg.	Apium(celery)	Oct 3, 2006		Enter directions here
A few	Aridisia petiole	Oct 3, 2006		Enter directions here
2	Begonia petiole	Oct 3, 2006		
	Carrots	Oct 2, 2006	1	Purchase from store. 1 bag
17 - 6" pots,	Coleus	Sep 9, 2006	24	3 cuts/pot
	Elodea stems	Oct 3, 2006		
A few.	Lavendula leaf	Oct 3, 2006		Enter directions here
	Lemna	Oct 3, 2006		
2	Onion bulbs, white	Oct 3, 2006		Enter directions here
50	Pereskia leaf	Oct 3, 2006		Enter directions here
	Pilea	Oct 3, 2006		
6	Potatoes, small baking	Oct 2, 2006	1	Purchase from store.
2	Red bell pepper fruit	Oct 3, 2006		Enter directions here
3 - 6" pots	Vicia sativa	Sep 3, 2006	30	30 seed/pot
	Zebrina	Oct 3, 2006		

Lab 3 Parenchyma and Collenchyma

Oct 5, 2006

Quantity	Plant Material	Date planted	Days	Directions
3 - 6" pots	Cucurbita	Sep 12, 2006	23	6seed/pot 3pl/pot
	Eichornia petiole	Oct 5, 2006		

	Juncus stem	Oct 5, 2006		
2 - 4" pots	Medicago	Aug 18, 2006	48	8seed/pot
6	Nymphaea petioles	Oct 5, 2006		Enter directions here
6	Pear fruit	Oct 5, 2006		
	Petasites petioles	Oct 5, 2006		
	Sambucus	Oct 5, 2006		
	Sansevieria	Oct 5, 2006		
	Smilax root	Oct 5, 2006		

Lab 4 Sclerenchyma, Xylem Regeneration Experiment, Part 2, Lab Exam 1

Oct 10, 2006

Quantity	Plant Material	Date planted	Days	Directions
A few	Linum usitatissimum stems	Oct 10, 2006		Enter directions here
6	Pear fruit	Oct 10, 2006		Enter directions here
A few	Podocarpus leaves	Oct 10, 2006		Enter directions here
	Sanserieria	Oct 10, 2006		

Lab 5 Epidermis

Oct 12, 2006

Quantity	Plant Material	Date planted	Days	Directions
	Agrostis	Oct 12, 2006		
2 - 6" pots	Bean stomata	Sep 17, 2006	25	6 seed/pot 3pl/pot
	Begonia leaf	Oct 12, 2006		
4 - 6" pots	Corn stomata	Sep 12, 2006	30	8 seed/pot 4pl/pot
4 - 6" pots	Cotton stomata	Sep 7, 2006	35	6seed/pan 3pl/pot
	Dianthus leaves	Oct 12, 2006		
	Enseti	Oct 12, 2006		
	Ficus leaves	Oct 12, 2006		
2 - 4"pots	Gasoul	Jul 29, 2006	75	30 seed/pot, sand, refrigerator
	Iris leaves	Oct 12, 2006		
	Musa	Oct 12, 2006		
2	Nicotiana rustica	Jul 27, 2006	77	Plant seed, 1 - 4" pot
2	Nicotiana rustica	Aug 4, 2006	69	Plant seed, 1 - 4" pot
10	Nicotiana rustica petiole	Aug 13, 2006	60	1 - 4" pot, plant seed

	Panadanus	Oct 12, 2006
	Pansy	Oct 12, 2006
	Peperomia leaves	Oct 12, 2006
	Snapdragon	Oct 12, 2006
1	Sugar cane	Oct 12, 2006
	Tillansia(Spanish moss)	Oct 12, 2006
	Verbascum leaves	Oct 12, 2006

Lab 6 Xylem and Xylem Regeneration Experiment, part 3

Oct 17, 2006

Quantity	Plant Material	Date planted	Days	Directions
1 bag	Apium(celery)	Oct 17, 2006		
	Coleus	Oct 17, 2006		

Lab 7 Phloem and Vessel Length Experiment

Oct 19, 2006

Quantity	Plant Material	Date planted	Days	Directions
3 - 6"pots	Cucurbita	Sep 24, 2006	25	6seed/pan 3pl/pot
4 - 1 gallon	Grape 'Chardonnay'	Jul 13, 2006	98	Purchase and plant bare root plants.

Lab 8 Root Apical Organization, Primary Growth, and Root Systems

Oct 24, 2006

Quantity	Plant Material	Date planted	Days	Directions
18 - 6" pots	Pea, dark grown	Oct 19, 2006	5	6 - 6" pots 20seed/pot Vermiculite/sand

Lab 9 Lateral Roots, Specialized Roots, Rootlike Organs, and Lab Exam 2

Oct 26, 2006

Quantity	Plant Material	Date planted	Days	Directions
	Corolloid roots of cycad, Encephalartos	Oct 26, 2006		
	Dandelion roots	Oct 26, 2006		
3 - 6" pots	Dodder	Sep 6, 2006	50	3 - 4" pots Tomato
	Epidendron ariel roots	Oct 26, 2006		
	Ficus pumila-clinging roots	Oct 26, 2006		
5 - 5" pots	Foeniculum	Sep 21, 2006	35	6 seed/pot, 2pl/pot
	Hedra helix (Ivy)--clinging roots	Oct 26, 2006		
	Iris rhizome	Oct 26, 2006		

	Mistletoe--with attachment to tree	Oct 26, 2006		
	Monstera deliciosa--long roots with	Oct 26, 2006		
	Monstera roots	Oct 26, 2006		
3 - 4"pots	Rhizobium	Sep 26, 2006	30	Bean 3 seed/pot , inoculum
2, 3" pieces	Vanilla orchid root	Oct 26, 2006		
	Zebrina stems	Oct 26, 2006		

Lab 10 Mature Primary Roots, Root Secondary Growth

Oct 31, 2006

Quantity	Plant Material	Date planted	Days	Directions
6 - 4"pots	Wheat roots	Oct 3, 2006	28	8 seed/pot

Lab 11 Anomalous Secondary Growth in Roots

Nov 2, 2006

Quantity	Plant Material	Date planted	Days	Directions
2 - 1gal pots	Carrot root	Sep 18, 2006	45	20 seed/pot, 6pl/pot
	Dracena draco--old roots	Nov 2, 2006		
2	Sugar beet	Nov 2, 2006		
6 - 6" standard	Sugar beet	Oct 13, 2006	20	12 seed/pot, 5pl/pot
2 - 1 gallon	Sugar beet, mature	May 31, 2006	155	6 seeds/pot, 1 pl/pot
2	Sweet potato	Oct 31, 2006	2	Sue will get at store.

Lab 12 Shoot Apex and Primary Growth

Nov 7, 2006

Quantity	Plant Material	Date planted	Days	Directions
12 - 4"pots	Coleus	Oct 17, 2006	21	1cut/pot
	Coleus stem	Nov 7, 2006		
	Coleus--very young stems	Nov 7, 2006		
4 - 6"pots	Corn	Oct 13, 2006	25	15 seed/pot 10pl/pot
15-20	Echeveria(Graptopetalum) shoot. Bring	Nov 4, 2006	3	Ask Ernesto to bring some from home.
	Elodea shoot	Nov 7, 2006		
7-8/rm	Epidendron shoots	Nov 7, 2006		
2 - 4" pots	Hesperonide	Sep 18, 2006	50	Find weedlings and transplant.
4 - 6"pots	Lupinus	Oct 30, 2006	8	8seed/pot , cover w/sand 2" deep, cool temps
	Lupinus shoot	Nov 7, 2006		

3 - 4" pots Pelargonium Jul 10, 2006 120 3 cuttings

Pelargonium stem Nov 7, 2006

Lab 13 Stem Architecture, Modifications, Initiation of Secondary Growth, and Vascular

Nov 9, 2006

Quantity	Plant Material	Date planted	Days	Directions
2	Cephalocereus with lateral cephalum	Nov 9, 2006		
2 plants	Duchenia stolons	Nov 9, 2006		Enter directions here
	Epidendron stem	Nov 9, 2006		
2	Melocactus with cephalum	Nov 9, 2006		
	Peperomia obtusifolium stem. Bench 3	Nov 9, 2006		
6	potatoes	Nov 9, 2006		
A few	Psilotum stems and rhizomes	Nov 9, 2006		Enter directions here
4 - 4"pots	Tomato	Sep 5, 2006	65	1 - 4" pan 12seed/pot

Lab 15 Periderm, Anomalous Secondary Growth in Stems, and Lab Exam 3

Nov 16, 2006

Quantity	Plant Material	Date planted	Days	Directions
4	Bougainvillea, 18 inch pieces of stem	Nov 16, 2006		
	Cordyline stems. Bench 11	Nov 16, 2006		
	Dracena stem. Bench 11. Long green	Nov 16, 2006		
	Ivy stems	Nov 16, 2006		
	Palm, young stem. Under chairman's	Nov 16, 2006		
	Sambucus twigs	Nov 16, 2006		
4 - 4"pots	Tomato	Sep 12, 2006	65	1 - 4" pan 12seed/pot

Lab 16 Secretory Structures and Lab Quiz

Nov 21, 2006

Quantity	Plant Material	Date planted	Days	Directions
	Acacia leaves	Nov 21, 2006		
	Any Euphorbia stem. Also in courtyard	Nov 21, 2006		
A few	Arbutus unedo flowers	Nov 21, 2006		Enter directions here
	Ardisia leaves	Nov 21, 2006		
	Bird of Paradise flowers. Also in	Nov 21, 2006		
A few	Cercropia stems & leaves	Nov 21, 2006		Enter directions here

	Chorisa petioles. In outside walkway	Nov 21, 2006		
	Cissus rotundifolia	Nov 21, 2006		
A few	Correa leaves	Nov 21, 2006		Enter directions here
	Crassula argenta leaves	Nov 21, 2006		
a few	Euphorbia pulcherrima flowers	Nov 21, 2006		Enter directions here
50	Impatiens leaves	Nov 21, 2006		Enter directions here
	Lactuca scariolar or Sonchus--leaves	Nov 21, 2006		
A few	Laurus nobilis leaves	Nov 21, 2006		Enter directions here
	Leea coccinea	Nov 21, 2006		
6	Lemons or limes	Nov 21, 2006		
	Mentha (mint) leaves and stems	Nov 21, 2006		
	Passiflora sp. leaves and flowers. In Vit.	Nov 21, 2006		
	Piper hispida	Nov 21, 2006		
	Piper nigrum , leaves and stems	Nov 21, 2006		
	Ribes viburnifolium, leaves for	Nov 21, 2006		
A few	Salvia leucantha flowers	Nov 21, 2006		Enter directions here
A few	Salvia officinalis leaves	Nov 21, 2006		Enter directions here
2 - 6"pots	Tomato	Oct 2, 2006	50	1 - 4" pot, 12seed/pot

Lab 17 Leaf Venation, Anatomy, Development, and Abscission

Nov 28, 2006

Quantity	Plant Material	Date planted	Days	Directions
	Acer	Nov 28, 2006		
	Bambusa	Nov 28, 2006		
50	Ginko leaves	Nov 28, 2006		Enter directions here
	Nerium oleander leaves	Nov 28, 2006		
A few	Phormium tenax leaves w/red	Nov 28, 2006		Enter directions here
	Salix	Nov 28, 2006		
50	Taxus leaves	Nov 28, 2006		Enter directions here

Lab 18 Leaf Environmental Types, Specialized Leaves, and Heterophylly

Nov 30, 2006

Quantity	Plant Material	Date planted	Days	Directions
	Acacia phyllodes,with juvenile	Nov 30, 2006		

2	Aloe plant in pot	Nov 30, 2006		Enter directions here
A few	Asparagus stems with leaves	Nov 30, 2006		Enter directions here
	Auracaria branch	Nov 30, 2006		
	Carnivorous plants: Sarracenia, fly trap	Nov 30, 2006		
2	Ceratophyllum	Nov 30, 2006		
A few	Epiphyllum or Colletia	Nov 30, 2006		Enter directions here
	Eucalyptus--adult and juvenile leaves	Nov 30, 2006		
	Hedera (Ivy)--adult and juvenile leaves	Nov 30, 2006		
	Nymphaea (water lily) leaves	Nov 30, 2006		
2	Opuntia plant in pot	Nov 30, 2006		Enter directions here
2	Ranunculus	Nov 30, 2006		
2 - 6" pots	Ricinus leaves	Oct 16, 2006	45	3 seeds/pot, 1 pl
	Ruscus cladodes	Nov 30, 2006		

Lab 19 Flowers, Fruits, and Seeds

Quantity	Plant Material	Date planted	Days	Directions
A few	Crassula flowers			Enter directions here