

# BIS 2C Winter 2015

Created by: Doug  
Created on: 11/17/2014  
Sections:  
Lab rooms:4

## Lab 1 Phylogeny & Tree-Thinking

Jan 13, 2015

Quantity	Plant Material	Date planted	Days	Directions
4 - 5.5" pots	Asclepias curassavica flowers	Jan 13, 2015		Enter directions here
4 plants	Astrophytum asterias with flowers	Jan 13, 2015		Enter directions here
4 plants	Clutia pulchella with flowers	Jan 13, 2015		Enter directions here
4 plants	Euphorbia obesa with flowers	Jan 13, 2015		Enter directions here
4 plants	Pereskia grandifolia flowers	Jan 13, 2015		Enter directions here
4 plants	Pseudolithos migiurtinus with flowers	Jan 13, 2015		Enter directions here

## Lab 2 Bacterial & Archaeal Diversity

Jan 20, 2015

Quantity	Plant Material	Date planted	Days	Directions
5 - 4" pots	Aphids on cabbage plant	Dec 16, 2014	35	Many seed/pot, 3 pl/pot
A few plants	Azolla	Jan 20, 2015		Enter directions here
5 - 4" pots	No Rhizobium root nodules	Dec 11, 2014	40	3 seed/pot bean, MUC soil, no inoculum
8 - 4" pots	Rhizobium root nodule	Dec 11, 2014	40	3 seed/pot bean, MUC soil, inoculum

## Lab 4 Plant Diversity I

Feb 3, 2015

Quantity	Plant Material	Date planted	Days	Directions
4 plants	Aloe - B97.119	Feb 3, 2015		Enter directions here
4 small plants	Banana, Small	Feb 3, 2015		Enter directions here
5 - 4" pots	Cabbage - turgid	Jan 4, 2015	30	8 seeds/pot, 4 pl/pot
10 - 4" pots	Cabbage - wilted	Jan 4, 2015	30	8 seeds/pot, 4 pl/pot
4 plants	Clutia pulchella	Feb 3, 2015		Enter directions here
4 - 4" pots	Coleus	Feb 3, 2015		Enter directions here
4 needed	Cycad with cone	Feb 3, 2015		Enter directions here
8 plants	Cyrtomium with sori	Feb 3, 2015		Enter directions here
8 plants	Equisetum with cones	Feb 3, 2015		Enter directions here
8 needed	Fern gametophyte	Feb 3, 2015		Enter directions here

8 needed	Fern gametophyte with sporophyte	Feb 3, 2015		Enter directions here
4 plants	Ginkgo with leaves	Dec 15, 2014	50	Move to long days.
4 needed	Gnetum	Feb 3, 2015		Enter directions here
4 plants	Haworthia with flowers	Feb 3, 2015		Enter directions here
4 plants	Huperzia	Feb 3, 2015		Enter directions here
4 plants	Illicium parviflorum	Feb 3, 2015		Enter directions here
4 plants	Impatiens flowers	Feb 3, 2015		Enter directions here
8 plants	Liverwort with sporophyte, gemmae cups	Feb 3, 2015		Enter directions here
24 dishes	Moss	Feb 3, 2015		Enter directions here
4 needed	Orchid flowers - Phalaenopsis	Feb 3, 2015		Enter directions here
8 plants	Other Fern	Feb 3, 2015		Enter directions here
4 pots	Oxalis with flowers	Feb 3, 2015		Enter directions here
4 plants	Pilea pumila (Hesperocnide tenella)	Feb 3, 2015		Enter directions here
8 plants	Psilotum with sporangia	Feb 3, 2015		Enter directions here
4 plants	Russelia flowers	Feb 3, 2015		Enter directions here
8 plants	Selaginella with strobili	Feb 3, 2015		Enter directions here
4 - 5.5" pots	Snapdragon flowers	Nov 28, 2014	67	1 - 4" pot seed
4 plants	Solidago flowers	Feb 3, 2015		Enter directions here
4 plants	Tradescantia flowers	Feb 3, 2015		Enter directions here
4 plants	Welwitschia	Feb 3, 2015		Enter directions here

## **Lab 5 Plant Diversity II**

Feb 10, 2015

<b>Quantity</b>	<b>Plant Material</b>	<b>Date planted</b>	<b>Days</b>	<b>Directions</b>
4 plants	Asclepias curassavica flowers	Feb 10, 2015		Enter directions here
4 plants	Banana, Small	Feb 10, 2015		Enter directions here
1 half flat	Bean with trifoliolate leaf	Jan 27, 2015	14	15 seed/flat, Profile
4 plants	Begonia flowers, "Angel Wing"	Feb 10, 2015		Enter directions here
4 - 5" pots	Brassica napus flowers	Jan 3, 2015	38	Sow a dozen seed.
4 - 5" pots	Brassica napus flowers	Dec 27, 2014	45	Sow a dozen seed, 5.5" pots
1 half flat	Corn	Jan 27, 2015	14	15 seed/flat, Profile
4 - 2 gallon	Corn with silk	Dec 12, 2014	60	3 seed/pot, 2 pl/pot
4 plants, 5" pot	Ecballium elaterium	Feb 10, 2015		Enter directions here

1 half flat	Germinating bean seeds	Feb 4, 2015	6	15 seed/flat, Profile
1 half flat	Germinating corn seeds	Feb 4, 2015	6	15 seed/flat, Profile
4 plants	Ginkgo with leaves	Feb 10, 2015		Use plants from Lab 4.
4 plants	Hibiscus plant with flowers	Feb 10, 2015		Enter directions here
4 plants	Impatiens flowers	Feb 10, 2015		Enter directions here
4 plants	Nepenthes	Feb 10, 2015		Enter directions here
4 plants	Nepenthes with pitchers	Feb 10, 2015		Enter directions here
4 - 5" pots	Nicotiana 'Avalon' White flowers	Dec 2, 2014	70	Plant 1 - 4" pot seed
4 plants	Pelargonium flowers	Feb 10, 2015		Enter directions here
4 plants, small	Piper leaf base	Feb 10, 2015		Enter directions here
4 plants, many	Salvia guaranitica flowers	Feb 10, 2015		Enter directions here
4 plants	Saracenia with pitchers	Feb 10, 2015		Enter directions here
8 plants	Selaginella with strobili	Feb 10, 2015		Enter directions here
4 - 4" pots	Solidago flowers	Feb 10, 2015		Enter directions here
4 plants	Stapelia flowers	Feb 10, 2015		Enter directions here
5 - 5.5" pots	Teosinte flowers	Dec 10, 2014	62	Cuttings, 1 cut/5.5" pot, short days
4	Tradescantia flowers	Feb 10, 2015		Enter directions here
4 plants	Venus Fly Trap	Feb 10, 2015		Enter directions here
8	Zinnia flowers, single petaled	Feb 10, 2015		Enter directions here