

## Lab 1 Phylogeny & Tree-Thinking

Mar 31, 2015

Quantity	Plant Material	Date planted	Days	Directions
4 plants	Asclepias curassavica flowers	Mar 31, 2015		Enter directions here
4 plants	Astrophytum asterias with flowers	Mar 31, 2015		Enter directions here
4 plants	Clutia pulchella with flowers	Mar 31, 2015		Enter directions here
4 plants	Euphorbia obesa with flowers	Mar 31, 2015		Enter directions here
4 cuttings	Pereskia grandifolia flowers	Mar 31, 2015		Enter directions here
4 plants	Pseudolithos migiurtinus with flowers	Mar 31, 2015		Enter directions here

## Lab 2 Bacterial & Archaeal Diversity

Apr 7, 2015

Quantity	Plant Material	Date planted	Days	Directions
4 - 4" pots, 5	Aphids on cabbage plant	Mar 3, 2015	35	Many seed/pot, 3 pl/pot
A few plants	Azolla	Apr 7, 2015		Enter directions here
4 - 4" pots, 5	No Rhizobium root nodules	Mar 6, 2015	32	3 seed/pot bean, MUC soil, no inoculum
4 - 4" pots, 8	Rhizobium root nodule	Mar 6, 2015	32	3 seed/pot bean, MUC soil, inoculum

## Lab 4 Plant Diversity I

Apr 21, 2015

Quantity	Plant Material	Date planted	Days	Directions
4 plants	Aloe - B97.119	Apr 21, 2015		Enter directions here
4 small plants	Banana, Small	Apr 21, 2015		Enter directions here
4 pots	Cabbage - turgid	Mar 22, 2015	30	8 seeds/rose pot, 4 pl/pot
4 pots, 10	Cabbage - wilted	Mar 22, 2015	30	8 seeds/rose pot, 4 pl/pot
4 plants	Clutia pulchella	Apr 21, 2015		Enter directions here
4 - 4" pots	Coleus	Apr 21, 2015		Enter directions here
4 plants	Cycad with cone	Apr 21, 2015		Enter directions here
8 plants	Cyrtomium with sori	Apr 21, 2015		Enter directions here
6 plants	Equisetum stems with cones	Apr 21, 2015		Enter directions here
8 needed	Fern gametophyte	Apr 21, 2015		Enter directions here

8 needed	Fern gametophyte with sporophyte	Apr 21, 2015		Enter directions here
4 plants	Ginkgo with leaves	Mar 2, 2015	50	Move to long days.
4 plants	Gnetum	Apr 21, 2015		Enter directions here
4 plants	Haworthia with flowers	Apr 21, 2015		Enter directions here
4 pots	Huperzia	Apr 21, 2015		Enter directions here
4 plants	Illicium parviflorum	Apr 21, 2015		Enter directions here
4 plants	Impatiens flowers	Apr 21, 2015		Enter directions here
8 pots	Liverwort with sporophyte, gemmae cups	Apr 21, 2015		Enter directions here
24 dishes	Moss	Apr 21, 2015		Enter directions here
4 plants	Orchid flowers - Phalaenopsis	Apr 21, 2015		Enter directions here
8 plants	Other Fern	Apr 21, 2015		Enter directions here
4 pots	Oxalis with flowers	Apr 21, 2015		Enter directions here
4 plants	Pilea pumila (Hesperocnide tenella)	Apr 21, 2015		Enter directions here
8 plants	Psilotum with sporangia	Apr 21, 2015		Enter directions here
4 plants	Russelia flowers	Apr 21, 2015		Enter directions here
8 plants	Selaginella with strobili	Apr 21, 2015		Enter directions here
4 - 5.5" pots	Snapdragon flowers	Feb 13, 2015	67	1 - 4" pot seed
4 plants	Solidago flowers	Apr 21, 2015		Enter directions here
4 plants	Tradescantia flowers	Apr 21, 2015		Enter directions here
4 plants	Welwitschia	Apr 21, 2015		Enter directions here

## **Lab 5 Plant Diversity II**

Apr 28, 2015

Quantity	Plant Material	Date planted	Days	Directions
4 plants	Asclepias curassavica flowers	Apr 28, 2015		Enter directions here
4 plants	Banana, Small	Apr 28, 2015		Enter directions here
1 half flat	Bean with trifoliolate leaf	Apr 14, 2015	14	15 seed/flat, Profile
4 plants	Begonia flowers, "Angel Wing"	Apr 28, 2015		Enter directions here
4 - 5" pots, 5	Brassica napus flowers	Mar 21, 2015	38	Sow a dozen seed.
4 - 5" pots, 5	Brassica napus flowers	Mar 14, 2015	45	Sow a dozen seed, 5.5" pots
1 half flat	Corn	Apr 14, 2015	14	15 seed/flat, Profile
4 - 2 gallon	Corn with silk	Feb 27, 2015	60	3 seed/pot, 2 pl/pot
4 plants, 6	Ecballium elaterium	Apr 28, 2015		Enter directions here

1 half flat	Germinating bean seeds	Apr 22, 2015	6	15 seed/flat, Profile
1 half flat	Germinating corn seeds	Apr 22, 2015	6	15 seed/flat, Profile
4 plants	Ginkgo with leaves	Apr 28, 2015		Use plants from Lab 4.
4 plants	Hibiscus plant with flowers	Apr 28, 2015		Enter directions here
4 plants	Impatiens flowers	Apr 28, 2015		Enter directions here
4 plants	Nepenthes	Apr 28, 2015		Enter directions here
4 plants	Nepenthes with pitchers	Apr 28, 2015		Enter directions here
4 - 5" pots	Nicotiana 'Avalon' White flowers	Feb 17, 2015	70	Plant 1 - 4" pot seed
4 plants	Pelargonium flowers	Apr 28, 2015		Enter directions here
4 plants, small	Piper leaf bases	Apr 28, 2015		Enter directions here
4 plants, many	Salvia guaranitica flowers	Apr 28, 2015		Enter directions here
4 plants	Saracenia with pitchers	Apr 28, 2015		Enter directions here
8 plants	Selaginella with strobili	Apr 28, 2015		Enter directions here
4 - 4" pots	Solidago flowers	Apr 28, 2015		Enter directions here
4 plants	Stapelia flowers	Apr 28, 2015		Enter directions here
5 - 5.5" pots	Teosinte flowers	Feb 25, 2015	62	Cuttings, 1 cut/5.5" pot, short days
4 - 5.5" pots	Tradescantia flowers	Apr 28, 2015		Enter directions here
4 plants	Venus Fly Trap	Apr 28, 2015		Enter directions here
4 plants	Zinnia flowers, single petaled	Apr 28, 2015		Enter directions here