

BIS 2C Winter 2014

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Created on: 11/13/2013
Sections:
Lab rooms:3

Lab 1 Phylogeny & Tree-Thinking

Jan 14, 2014

| Quantity | Plant Material | Date planted | Days | Directions |
|---------------|---------------------------------------|--------------|------|-----------------------|
| 3 - 5.5" pots | Asclepias curassavica flowers | Jan 14, 2014 | | Enter directions here |
| 3 plants | Astrophytum asterias with flowers | Jan 14, 2014 | | Enter directions here |
| 3 plants | Clutia pulchella with flowers | Jan 14, 2014 | | Enter directions here |
| 3 plants | Euphorbia obesa with flowers | Jan 14, 2014 | | Enter directions here |
| 3 plants | Pereskia grandifolia flowers | Jan 14, 2014 | | Enter directions here |
| 3 plants | Pseudolithos migiurtinus with flowers | Jan 14, 2014 | | Enter directions here |

Lab 2 Bacterial & Archaeal Diversity

Jan 21, 2014

| Quantity | Plant Material | Date planted | Days | Directions |
|--------------|---------------------------|--------------|------|--|
| 4 - 4" pots | Aphids on cabbage plant | Dec 31, 2013 | 21 | Many seed/pot, 3 pl/pot |
| A few plants | Azolla | Jan 21, 2014 | | Enter directions here |
| 4 - 4" pots | No Rhizobium root nodules | Dec 12, 2013 | 40 | 3 seed/pot bean, MUC soil, no inoculum |
| 6 - 4" pots | Rhizobium root nodule | Dec 12, 2013 | 40 | 3 seed/pot bean, MUC soil, inoculum |

Lab 4 Plant Diversity I

Feb 4, 2014

| Quantity | Plant Material | Date planted | Days | Directions |
|----------------|----------------------|--------------|------|-----------------------|
| 3 plants | Aloe - B97.119 | Feb 4, 2014 | | Enter directions here |
| 3 small plants | Banana, Small | Feb 4, 2014 | | Enter directions here |
| 4 - rose pots | Cabbage - turgid | Jan 5, 2014 | 30 | 8 seeds/pot, 4 pl/pot |
| 8 - rose pots | Cabbage - wilted | Jan 5, 2014 | 30 | 8 seeds/pot, 4 pl/pot |
| 3 plants | Clutia pulchella | Feb 4, 2014 | | Enter directions here |
| 4 - 4" pots | Coleus | Feb 4, 2014 | | Enter directions here |
| 3 needed | Cycad with cone | Feb 4, 2014 | | Enter directions here |
| 6 plants | Cyrtomium with sori | Feb 4, 2014 | | Enter directions here |
| 6 plants | Equisetum with cones | Feb 4, 2014 | | Enter directions here |
| 6 needed | Fern gametophyte | Feb 4, 2014 | | Enter directions here |

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|---------------|--|--------------|----|-----------------------|
| 6 needed | Fern gametophyte with sporophyte | Feb 4, 2014 | | Enter directions here |
| 3 plants | Ginkgo with leaves | Dec 16, 2013 | 50 | Move to long days. |
| 3 needed | Gnetum | Feb 4, 2014 | | Enter directions here |
| 3 plants | Haworthia with flowers | Feb 4, 2014 | | Enter directions here |
| 3 plants | Huperzia | Feb 4, 2014 | | Enter directions here |
| 3 plants | Illicium parviflorum | Feb 4, 2014 | | Enter directions here |
| 3 plants | Impatiens flowers | Feb 4, 2014 | | Enter directions here |
| 6 plants | Liverwort with sporophyte, gemmae cups | Feb 4, 2014 | | Enter directions here |
| 18 dishes | Moss | Feb 4, 2014 | | Enter directions here |
| 3 needed | Orchid flowers - Phalaenopsis | Feb 4, 2014 | | Enter directions here |
| 6 plants | Other Fern | Feb 4, 2014 | | Enter directions here |
| 3 plants | Pilea pumila (Hesperocnide tenella) | Feb 4, 2014 | | Enter directions here |
| 6 plants | Psilotum with sporangia | Feb 4, 2014 | | Enter directions here |
| 3 plants | Russelia flowers | Feb 4, 2014 | | Enter directions here |
| 6 plants | Selaginella with strobili | Feb 4, 2014 | | Enter directions here |
| 3 - 5.5" pots | Snapdragon flowers | Nov 29, 2013 | 67 | 1 - 4" pot seed |
| 3 plants | Solidago flowers | Feb 4, 2014 | | Enter directions here |
| 3 plants | Tradescantia flowers | Feb 4, 2014 | | Enter directions here |
| 3 plants | Welwitschia | Feb 4, 2014 | | Enter directions here |

Lab 5 Plant Diversity II

Feb 11, 2014

| Quantity | Plant Material | Date planted | Days | Directions |
|------------------|-------------------------------|--------------|------|-----------------------------|
| 3 plants | Asclepias curassavica flowers | Feb 11, 2014 | | Enter directions here |
| 3 plants | Banana, Small | Feb 11, 2014 | | Enter directions here |
| 1 half flat | Bean with trifoliolate leaf | Jan 28, 2014 | 14 | 15 seed/flat, Profile |
| 3 plants | Begonia flowers, "Angel Wing" | Feb 11, 2014 | | Enter directions here |
| 3 - 5" pots, 4 | Brassica napus flowers | Jan 4, 2014 | 38 | Sow a dozen seed. |
| 3 - 5" pots, 4 | Brassica napus flowers | Dec 28, 2013 | 45 | Sow a dozen seed, 5.5" pots |
| 1 half flat | Corn | Jan 28, 2014 | 14 | 15 seed/flat, Profile |
| 3 - 2 gallon | Corn with silk | Dec 13, 2013 | 60 | 3 seed/pot, 2 pl/pot |
| 3 plants, 5" pot | Ecballium elaterium | Feb 11, 2014 | | Enter directions here |
| 1 half flat | Germinating bean seeds | Feb 5, 2014 | 6 | 15 seed/flat, Profile |

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|-----------------|----------------------------------|--------------|----|--------------------------------------|
| 1 half flat | Germinating corn seeds | Feb 5, 2014 | 6 | 15 seed/flat, Profile |
| 3 plants | Ginkgo with leaves | Feb 11, 2014 | | Use plants from Lab 4. |
| 3 plants | Hibiscus plant with flowers | Feb 11, 2014 | | Enter directions here |
| 3 plants | Impatiens flowers | Feb 11, 2014 | | Enter directions here |
| 3 plants | Nepenthes | Feb 11, 2014 | | Enter directions here |
| 3 plants | Nepenthes with pitchers | Feb 11, 2014 | | Enter directions here |
| 3 - 5" pots | Nicotiana 'Avalon' White flowers | Dec 3, 2013 | 70 | Plant 1 - 4" pot seed |
| 3 plants | Pelargonium flowers | Feb 11, 2014 | | Enter directions here |
| 3 plants, small | Piper leaf base | Feb 11, 2014 | | Enter directions here |
| 4 plants, many | Salvia guaranitica flowers | Feb 11, 2014 | | Enter directions here |
| 3 plants | Saracenia with pitchers | Feb 11, 2014 | | Enter directions here |
| 6 plants | Selaginella with strobili | Feb 11, 2014 | | Enter directions here |
| 3 - 4" pots | Solidago flowers | Feb 11, 2014 | | Enter directions here |
| 3 plants | Stapelia flowers | Feb 11, 2014 | | Enter directions here |
| 4 - 5.5" pots | Teosinte flowers | Dec 11, 2013 | 62 | Cuttings, 1 cut/5.5" pot, short days |
| 3 - 5.5" pot | Tradescantia flowers | Feb 11, 2014 | | Enter directions here |
| 3 plants | Venus Fly Trap | Feb 11, 2014 | | Enter directions here |
| 6 | Zinnia flowers, single petaled | Feb 11, 2014 | | Enter directions here |