

**PCB4043L**  
**Ecology lab –25 pts.**  
**Herbarium Journal Guidelines and Recommendations**

The herbarium journal required for this class provides an excellent opportunity to learn and familiarize yourself with native plants from this area. Each journal collection will vary slightly according to the student; however, there are a few guidelines that must be adhered to in order to receive full credit.

1. All specimens must be correctly labeled with common name and scientific name (Genus and species, where applicable) and the community type the plant was found in. Do not forget to *italicize* or underline all scientific names. Additional information as to the exact location found and the date is up to the student and might help to identify the plant in the future
2. For full credit, student journals **must** be arranged according to the herbarium list handout. This means ***alphabetically ordered by scientific name***. Label each plant with scientific name, common name, and habitat. Frequently, there will be one plant species in several different community types. In this case, follow the herbarium outline.
3. Journals must be neat and orderly: specimens should be in good condition and proper spelling counts.

Here are some suggestions to (hopefully) make your plant collecting and journal arrangements successful:

- Plants must be pressed for a few days before mounting them in your journal. A great plant press is a phone book. Make sure all the moisture is out of the leaves before taping or gluing to your journal.
- Label plants when you *first* collect them and place them in your journal as soon as they are completely dry. The journal is meant as a study guide for your exams, so don't wait until the night before to complete it!
- In addition to gathering leaves, it is often helpful to collect other unique features of the plant such (i.e. flowers, seeds, etc...) for identification in the future. Drawings, notes, and pictures can also be included in your journal.
- Have fun and be creative! Your journal is an extension of yourself and can be kept (if you want) for years to come.

### List of Plant Species for Ecology Herbarium Journal

Note: plants found will vary due to seasonal availability and habitat

Scientific name	Common name	Commonly found in
<i>Acer rubrum</i>	Red maple	Freshwater wetlands
<i>Andropogon spp.</i>	Broom grass	Upland Forests: Sandhill Pine
<i>Aristida stricta</i>	Wiregrass	Upland Forests: Sandhill Pine
<i>Baccharis halimifolia</i>	Salt bush	Freshwater wetlands
<i>Cakile constricta</i>	Sea rocket	Barrier islands
<i>Carya spp.</i>	Hickory	Upland Forests: Mesic Hardwoods
<i>Centella asiatica</i>	Spadeleaf	Freshwater wetlands
<i>Ceratiola ericoides</i>	Beach rosemary	Barrier islands
<i>Chamaecyparis thyoides</i>	Atlantic white cedar	Freshwater wetlands
<i>Chrysoma pauciflosculosa</i>	Woody goldenrod	Barrier Islands, Sandhill pine
<i>Cladium jamaicense</i>	Sawgrass	Freshwater wetlands
<i>Cliftonia monophylla</i>	Black titi	Freshwater wetlands
<i>Conradina canescens</i>	False rosemary	Barrier islands
<i>Cornus florida</i>	Dogwood	Upland Forests: Mesic Hardwoods
<i>Crataegus lacrimata</i>	Pensacola hawthorn	Upland Forests: Mesic Hardwoods
<i>Cyrilla racemiflora</i>	Red titi	Freshwater wetlands
<i>Distichlis spicata</i>	Saltgrass	Salt marsh
<i>Drosera spp.</i>	Sundews	Freshwetlands, Barrier islands
<i>Eriocaulon spp.</i>	Pipeworts	Freshwater wetlands
<i>Fagus grandifolia</i>	Beech	Upland Forests: Mesic Hardwoods
<i>Halodule wrightii</i>	Cuban shoal grass	Seagrasses
<i>Hamamelis virginiana</i>	Witch hazel	Upland Forests: Mesic Hardwoods
<i>Hydrocotyle bonariensis</i>	Pennywort	Barrier Islands, Fresh wetlands
<i>Hypericum reductum</i>	St. John's wort	Barrier islands
<i>Ilex coriacea</i>	Large gallberry	Fresh Water Wetlands
<i>Ilex glabra</i>	Gallberry	Upland Forests: Sandhill Pine
<i>Ilex opaca</i>	American holly	Upland Forests: Mesic Hardwoods
<i>Ilex vomitoria</i>	Yaupon holly	Multiple habitats
<i>Illicium floridanum</i>	Florida anise	Freshwater wetlands
<i>Iva imbricata</i>	Seacoast marshelder	Barrier Islands
<i>Juncus effusus</i>	Soft-needle rush	Freshwater wetlands
<i>Juncus roemerianus</i>	Black-needle rush	Salt marsh
<i>Juncus scirpoides</i>	Needle-pod rush	Barrier islands
<i>Lacnantes caroliniana</i>	Redroot	Barrier islands
<i>Licania michauxii</i>	Gopher apple	Upland Forests: Sandhill Pine
<i>Ligustrum sinense</i>	Chinese privet*	Freshwater wetlands
<i>Liquidamber styraciflua</i>	Sweetgum	Freshwater wetlands
<i>Liriodendron tulipifera</i>	Tulip poplar	Upland Forests: Mesic Hardwoods
<i>Lyonia lucida</i>	Fetterbush	Freshwater wetlands
<i>Magnolia grandiflora</i>	Magnolia	Multiple habitats
<i>Magnolia virginiana</i>	Sweet bay magnolia	Freshwater wetlands
<i>Mitchella repens</i>	Twinberry	Upland Forests: Mesic Hardwoods
<i>Myrica cerifera</i>	Wax myrtle	Multiple habitats

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<i>Nyssa biflora</i>	Swamp Tupelo	Freshwater wetlands
<i>Orontium aquaticum</i>	Neverwet	Freshwater wetlands
<i>Osmunda cinnamomea</i>	Cinnamon fern	Freshwater wetlands
<i>Osmunda regalis</i>	Royal fern	Freshwater wetlands
<i>Panicum amarum</i>	Bitter panicum	Barrier islands
<i>Persea palustris</i>	Swamp bay	Freshwater wetlands
<i>Peltandra virginica</i>	Green arum	Freshwater wetlands
<i>Pinus clausa</i>	Sand pine	Barrier islands
<i>Pinus elliotii</i>	Slash pine	Freshwater wetlands
<i>Pinus glabra</i>	Spruce pine	Upland Forests: Mesic Hardwoods
<i>Pinus palustris</i>	Long leaf pine	Upland Forests: Sandhill Pine
<i>Plantanus occidentalis</i>	Sycamore	Upland Forests: Mesic Hardwoods
<i>Pontedaria cordata</i>	Pickerelweed	Freshwater wetlands
<i>Pteridium aquilinum</i>	Bracken fern	Upland Forests: Sandhill Pine
<i>Quercus alba</i>	White oak	Upland Forests: Mesic Hardwoods
<i>Quercus falcata</i>	Southern red oak	Upland Forests: Mesic Hardwoods
<i>Quercus geminata</i>	Sand live oak	Barrier islands
<i>Quercus hemispherica</i>	Laurel oak	Upland Forests: Mesic Hardwoods
<i>Quercus laevis</i>	Turkey oak	Upland Forests: Sandhill Pine
<i>Quercus myrtlefolia</i>	Myrtle oak	Barrier islands
<i>Quercus nigra</i>	Water oak	Upland Forests: Mesic Hardwoods
<i>Quercus virginiana</i>	Live oak	Upland Forests: Mesic Hardwoods
<i>Rubus spp.</i>	Blackberry	Upland Forests: Mesic Hardwoods
<i>Ruppia maritima</i>	Widgeon grass	Seagrasses
<i>Sagittaria lancifolia</i>	Arrowheads	Freshwater wetlands
<i>Salix nigra</i>	Black willow	Freshwater wetlands
<i>Sapium sebiferum</i>	Chinese tallow tree*	Upland Forests: Mesic Hardwoods
<i>Sarracenia spp.</i>	Pitcher-plant	Upland Forests: Sandhill Pine
<i>Schizachyrium maritimum</i>	Coastal bluestem	Barrier islands
<i>Serenoa repens</i>	Saw palmetto	Multiple habitats
<i>Smilax spp.</i>	Smilax/Greenbriar	Upland Forests: Mesic Hardwoods
<i>Spartina alterniflora</i>	Salt marsh cordgrass	Salt marsh
<i>Sparina patens</i>	Salt meadow hay	Salt marsh, Barrier islands
<i>Taxodium distichum</i>	Bald cypress	Freshwater wetlands
<i>Thalassia testudinum</i>	Turtle grass	Seagrasses
<i>Typha spp.</i>	Cattail	Freshwater wetlands
<i>Uniola paniculata</i>	Sea oats	Barrier islands
<i>Vaccinium arboreum</i>	Sparkleberry	Upland Forests: Mesic Hardwoods
<i>Vaccinium elliotii</i>	Elliott's blueberry	Upland Forests: Mesic Hardwoods
<i>Vitis rotundifolia</i>	Muscadine	Upland Forests: Mesic Hardwoods
<i>Woodwardia areolata</i>	Netted chain fern	Freshwater wetlands
<i>Xyris spp.</i>	Yellow-eyed grass	Freshwater wetlands
<i>Zizania aquatica</i>	Wild Rice	Freshwater wetlands
<i>Zizaniopsis miliacea</i>	Southern wild rice	Freshwater wetlands