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| Horticulture I Honors | Plant Identification/Latin Terminology | 3.03 |

**Plant Identification Study Resource**

* The key to student success in the field of horticulture is their ability to identify plants. The North Carolina course outline specifies the use of the NC FFA plant identification list. Due to the fact that honors students need an in-depth knowledge of plant identification, students will develop a study guide that will allow them to have a more complete understanding of the plant list.
* Find information and examples of images on [www.wakefieldffa.com](http://www.wakefieldffa.com), click on classes -> Horticulture I -> Plant ID -> and then whatever plant you are researching. You can also use search engines, but try to include NCSU in the search, this university has reliable information for you (as opposed to Wikipedia or elsewhere).
* Create this study guide resource as a virtual document or feel free to print in COLOR. Use programs like powerpoint, publisher, or excel to create index cards or tables.
* Assignment – Students are to acquire three images of each plant and develop a flash card. Each “flash card” should contain the following:
	+ The common and scientific name
	+ Three identifying images
	+ One informative fact or story about the plant
	+ Three ways to remember this plant or differentiate it from other plants on the identification list

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| *Coleus X hybridus* | *Chrysantheum X superbum* | *Chrysantheum morifolium* | *Chlorophytum comosum* | *Cercis canadensis* | *Canna X generalis* | *Buxus sempervirens* | *Betula nigra* | *Berberis thumbergii* | *Begonia X semperflorens-cultorum* | *Aucuba japonica* | *Asparagus densiflorus ‘Spengeri’* | *Aracaria heterophylla* | *Ajuga reptans/* | *Ageratum mexicanum/* | *Acer rubrum* | *Acer palmatum* | *Abelia X grandiflora* | **.5** | **Scientific Name** |
| Coleus | Shasta Daisy | Florist Chrysantheum | Spider Plant | Eastern Red Bud | Canna | Common Boxwood | River Birch | Japanese Barberry | Wax Begonia | Japanese Aucuba | Sprengeri Fern | Norfolk Island Pine | Ajuga | Ageratum | Red Maple | Japanese Maple | Glossy Abelia | **.5** | **Common Name** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **3** | **3 images** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **1** | **Informative Fact** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **3** | **3 Ways to Identify** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **1** | **Grammar/Spelling** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **1** | **Profession-alism** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **Total Score** |

**HIH Rubric Plant Identification Resource**

### **Horticulture I Honors Plant List**

\_\_\_\_Abelia X grandiflora/Glossy Abelia

\_\_\_\_\_Acer palmatum/Japanese Maple

\_\_\_\_\_Acer rubrum/Red Maple

\_\_\_\_\_Ageratum mexicanum/Ageratum

\_\_\_\_\_Ajuga reptans/Ajuga

\_\_\_\_\_Aracaria heterophylla/Norfolk Island Pine

\_\_\_\_\_Asparagus densiflorus ‘Spengeri”/

 Sprengeri Fern

\_\_\_\_\_Aucuba japonica/Japanese Aucuba

\_\_\_\_\_Begonia X semperflorens-cultorum/

 Wax Begonia

\_\_\_\_\_Berberis thumbergii/Japanese Barberry

\_\_\_\_\_Betula nigra/River Birch

\_\_\_\_\_Buxus sempervirens/Common Boxwood

\_\_\_\_\_Canna X generalis/Canna

\_\_\_\_\_Cercis canadensis/Eastern Red Bud/

 Judas Tree

\_\_\_\_\_Chlorophytum comosum cv./Spider Plant

\_\_\_\_\_Chrysantheum morifolium or Dendranthema

 X grandiflora/Florist Chrysantheum

\_\_\_\_\_Chrysantheum X superbum/Shasta Daisy

\_\_\_\_\_Coleus X hybridus/Coleus

\_\_\_\_\_Cornus florida/Flowering Dogwood

\_\_\_\_\_X Cupressocyparis leylandii/Leyland Cypress

\_\_\_\_\_Dieffenbachia maculata/Dumbcane

\_\_\_\_\_Epipremnum aureum cv./Golden Pothos

\_\_\_\_\_Euonymus alata/Winged Enonymus

\_\_\_\_\_Euonymus japonica or ‘Variegata’/

 Evergreen Euonymus

\_\_\_\_\_Euphorbia pulcherrima cv./Poinsettia

\_\_\_\_\_Ficus benjamina/Weeping or Benjamin Fig

\_\_\_\_\_Ficus elastica ‘Decora’/Decora Rubber Plant

\_\_\_\_\_Forsythia X intermedia/Border Forsythia

\_\_\_\_\_Hedera helix/English Ivy

\_\_\_\_\_Hemerocallis cv./Day Lily

\_\_\_\_\_Hosta sp./Hosta

\_\_\_\_\_Ilex X attenuata ‘Fosteri’/Fosteri Holly

\_\_\_\_\_Ilex cornuta ‘Dwarf Burford’/

 Dwarf Burford Holly

\_\_\_\_\_Ilex crenata ‘Helleri’/Helleri Holly

\_\_\_\_\_Ilex vomitoria ‘Nana’/Dwarf Yaupon

\_\_\_\_\_Impatiens/Impatiens Cultivars and Hybrids

\_\_\_\_\_Iris X germanica var. florentine/Bearded Iris

\_\_\_\_\_Juniperus conferta/Shore Juniper

\_\_\_\_\_Juniperus horizontalis ‘Plumosa,’ ‘Bar Harbor,’

 or ‘Wiltonii’/Creeping Juniper

\_\_\_\_\_Lagerstroemia indica cv./Crape Myrtle

\_\_\_\_\_Ligustrum japonicum cb./Japanese Privet

\_\_\_\_\_Liquidambar styraciflua/Sweetgum

\_\_\_\_\_Liriope muscari/Liriope (Green or

 Varigated cv.)

\_\_\_\_\_Magnolia grandiflora/Southern Magnolia

\_\_\_\_\_Malus sp. or cv./Flowering Crabapple

\_\_\_\_\_Maranta leuconeura var. kerchoviana/

 Prayer Plant

\_\_\_\_\_Myrica cerifera/Wax Myrtle

\_\_\_\_\_Nandina domestica/Heavenly Bamboo

Or Dwarf Nandina

\_\_\_\_\_Nephrolepis exaltata cv./Boston Fern

\_\_\_\_\_Ophiopogon japonicus/Mondo Grass

\_\_\_\_\_Pelargonium X hortorum/Geranium

\_\_\_\_\_Pelargonium peltatum/Ivy Leaf Geranium

\_\_\_\_\_Petunia sp/Petunia

\_\_\_\_\_Philodendron scandens var. oxycardium/

 Parlor Ivy

\_\_\_\_\_Pinus mugo var. mugo/Mugo Pine

\_\_\_\_\_Pinus strobus/Eastern White Pine

\_\_\_\_\_Pinus Taeda/Loblolly pine

\_\_\_\_\_Plectranthus australis/Swedish Ivy

\_\_\_\_\_Prunus serrulata ‘Kwanzan’/

 Japanese Flowering Cherry

\_\_\_\_\_Pyrus calleryana ‘Bradford’/Bradford Pear

\_\_\_\_\_Quercus palustris/Pin Oak

\_\_\_\_\_Quercus phellow/Willow Oak

\_\_\_\_\_Rhododendron catawbiense/Catawba Hybrid

 Rhododendron

\_\_\_\_\_Rhododendron kiusianum or Rhododendron

 obtusum japonicum/azalea

\_\_\_\_\_Saintpaulia ionantha/Africal Violet

\_\_\_\_\_Salvia splendens/Salvia

\_\_\_\_\_Schefflera arboricola/Dwarf Schefflera

\_\_\_\_\_Spathiphyllum cvs./Peace Lily

\_\_\_\_\_Tagetes erecta/Africal Marigold

\_\_\_\_\_Tradescantia zebrina/Purple Wandering Jew

\_\_\_\_\_Viola X wittrockiana/Pansy