# BIOL 301 – Plant Taxonomy

**Botanical Nomenclature**

|  |  |
| --- | --- |
| **Traditional Name** | **Modern Name** |
| Compositae | Asteraceae |
| Cruciferae | Brassicaceae |
| Gramineae | Poaceae |
| Guttiferae | Clusiaceae |
| Labiatae | Lamiaceae |
| Leguminosae | Fabaceae |
| Palmae | Arecaceae |
| Umbelliferae | Apiaceae |

**Some General Pronunciation Guidelines:**

1. divide the word into syllables
2. each vowel belongs to a separate syllable, unless a diphthong (ae, oe, au, ei, eu, ui) (oi often pronounced as a diphthong) (*Hexastylis*, *Onoclea*, *Arisaema*, *Pinguicula*, *Polypodioides*)
3. pronounce each syllable, including final vowels (incl. "e", *arvense*, *hyemale*)
4. accent the penultimate or antepenultimate syllable
5. pronounce so that you remember the correct spelling!