**2-4 Concepts related to Taxonomy**

**RESOURCES:**

* “Why Genus Names Change”. Schuiteman. *Orchids*. 02-2023
* “Clades” Judges Corner. Higgins. *Orchids.* 2020 September

**RESEARCH QUESTIONS:**

* What is the current basis or classification of orchids into genera and species?
* How does it differ from a system based primarily on morphology?
* Define: DNA Sequencing, Clade, Taxonomic Key and how are they used?
* The affect of taxonomic regrouping and name changes on nomenclature and judging:
* Why do many vendors still put the names on tags prior to the upheaval in names, especially for the Cattleya Alliance and Oncidiinae such as *Potinara* or *Odontoglossum*?
* How does that affect us for ribbon judging classes?
* How does that affect us for reading labels in pots and looking up awards in *OrchidPro* when the genus name has changed or the ending of the species name has changed as well (e.g., *bictoniense* vs *bictoniensis*? What would you do if a plant came on the table labeled *Odontoglossum bictoniense* and how would you look it up?