**Homework to Support Attainment of Judging Competency**

**First Year Student**

**The Handbook -- Appendix A**

**OrchidPro – Appendix B**

**Ethics and Conduct of Judges**

 **How to search for a species/hybrids, parents, the hybrids, previous awards**

**Mechanics of Judging**

 **The Awards**

 **Judging Criteria**

 **The Scorecard**

 **Ribbon Judging vs AOS Judging**

 **What does form mean in judging**

 **What does color involve in judging**

**Judging Teams**

 **How to evaluate & comment on an orchid**

 **How to evaluate & comment on a display -- introduction**

 **Who can nominate and whose score counts?**

**Award Descriptions**

 **Proper order**

 **Describing form and terms for form**

 **Describing color and terms for color**

 **Describing Surface location (apex, distal, proximal, superior, etc.)/terms**

 **Proper order in a description**

 **Substance/texture and terms**

 **Describing the plant (‘C’ awards: CBR, CHM, CCM, CCE)**

 **Measurement**

 **SITF and the SITF form**

**Basic Concepts**

 **What makes a good flower?**

 **Wow factor**

 **Genus, species, grex, clone/cultivar: recognize difference**

**Create a First PowerPoint Presentation for Judging (maximum 30 minutes)**

**Second Year Student**

**Exhibits**

 **Design**

 **Exhibit display awards**

 **Judging exhibits**

 **Exhibit descriptions**

**Role of ribbon judging captain/write instructions for a ribbon judging team**

**Rapidly research a plant; make suggestions for suitability for an award**

**Measurement/description of more difficult genera: *Stanhopea, Mormodes*, etc.**

**Nomenclature concepts**

 **Described/Accepted species, varieties, formas, subspecies, synonyms, horticultural varieties**

 **Grex, clone/cultivar, dates after names, group names**

 **Use World Checklist of Selected Plant Families/Plants of the World Online**

 **Use RHS Orchid Register**

**Concepts related to Taxonomy**

 **DNA Sequencing**

 **Clade**

 **Basic for current classification into genera/species**

 **How do changes affect: ribbon judging? AOS judging?**

**Ploidy and Judging**

 **Terms: aneuploid, diploid, triploid, tetraploid, polyploid, chromosome count, crippling**

 **How ploidy might affect judging flowers: discuss size, color, plant, vigor**

 **Can you just recognize a tetraploid? Just by looking at it? Counting chromosomes**

**Second- and Third-Year Student Homework/Presentations on Genera**

 **Phalaenopsis**

 **Significant species and hybrids**

 **How to judge various types (big whites, harlequins, novelty, etc)**

 **Cattleya & allied genera**

 **Significant species and hybrids**

 **How to judge various types (classic catts, bifoliates, mini catts, spotted catts, allied genera**

 **Paphiopedilum**

 **Significant species and hybrids**

 **How to judge various types (single flowered, multiflowered, mini paphs, primary vs complex, ‘bulldog’, etc.)**

 **Phragmipedium & other slipper orchids**

 **Significant species and hybrids**

 **How to judge various types (grande group hybrids, besseae hybrids, kovachii hybrids, cypripediums, etc.**

 **Oncidiinae**

 **Significant species and hybrids**

 **How to judge various types**

 **Vanda Alliance**

 **Significant species and hybrids**

 **How to judge various types (classic vandas, ‘ascocendas’, species/hybrids that are not round and full, ‘neofinetia’, etc.)**

 **Angraecum and allied genera**

 **Significant species and hybrids**

 **How to judge various types**

 **Dendrobium**

 **Significant species and hybrids**

 **How to judge various types**

 **Bulbophyllum**

 **Significant species and hybrids**

 **How to judge various types (lobbii types, cirrhopedilum types, bottle brush types, etc.)**

 **Cymbidium**

 **Significant species and hybrids**

 **How to judge various types (standard, pendant, mini, etc.)**

 **Catasetinae**

 **Significant species and hybrids**

 **How to judge various types**

 **Pleurothallids/Masdevallia**

 **Significant species and hybrids**

 **How to judge various types**

 **Zygopetalum, Promenaea and related genera**

 **Significant species and hybrids**

 **How to judge various types**

 **Lycaste, Anguloa**

 **Significant species and hybrids**

 **How to judge various types**

 **Maxillaria**

 **Significant species and hybrids**

 **How to judge various types**

 **Stanhopea/Gongora**

 **Significant species and hybrids**

 **How to judge various types**

 **Other Miscellaneous Genera**

 **Significant species and hybrids of a genus**

 **How to judge various types**

**Third Year Student**

**AOS Team Leader: how to manage a team (late third year)**

**Associate Judge**

**Learn how to chair judging at an orchid show: be an understudy**