**1-3 Research using databases, books, the internet and experts**

**RESOURCES**:

General:

* AOS webinar: “Research Resources for Orchid Judges”. Allen-Ikeson. aos.org
* Orchid Picture Reference Database (this is the origin of the IMAGE REF button on *OrchidWiz*), <http://londonorchidsociety.com/>, has over 340,000 references to photos and drawings. Can by searched by plant name or by journal or book (scroll down the alphabetic list), It provides a good backdoor into finding articles (if there are several references close together for what you are looking for). (‘Articles’ search in *OrchidWiz* only covers AOS and Orchid Digest articles up to 2006 but not beyond.)
* Biodiversity Heritage Library, <https://www.biodiversitylibrary.org/>, is THE source for out-of-print references. The *Orchadian* has been scanned up until around the last 20 years and all those earlier issues appear on the BHL. *Orchid Review* articlesover 100 years old (so close to the first 40 years are available on BHL)
* Internet Orchid Species Photo Encyclopedia, <http://orchidspecies.com/> , contains descriptions and references for each species. It follows Sanders rather than current taxonomy but there is cross referencing
* Plants of the World Online, <https://powo.science.kew.org>. Search for any orchid species; location, synonyms, variety/forma, some photos, herbarium locations. Such by genus or genus and species. Replaced World Checklist of Selected Plant Families.
* International Orchid Register (RHS). <https://apps.rhs.org.uk/horticulturaldatabase/orchidregister/orchidregister.asp>. Search for any registered hybrid itself or find the registered name if you only know the parents.
* Archive of US nursery catalogue for orchids back to 1880 (put in search box, orchid: ), <https://archive.org/details/usda-nurseryandseedcatalog>
* *Proceedings of the World Orchid Conference*. These often have articles in them by authors that we do not see in English language journals or vendors that did not publish much elsewhere but who were significant in hybridizing *Paphs*, *Phals*, *Dendrobiums*, etc. They can be a gold mine. Start with the 19th Conference in Miami, 2008 as a good example. (There is not one for the most recent South Africa WOC; the Ecuador WOC was mostly scientific.)
* Mayr. *Orchid Names and their meanings.* Book.

Journals:

* *Orchids* and its *Supplements*. aos.org
* Archives of the *AOS Bulletin*, *Orchids, Supplements* to *Orchids* & *Lindleyana*: <https://www.aos.org/about-us/orchids-magazine.aspx>. Searchable; subscription required
* Judges Forum: aos.org Awards & Judging—Judging Education—General Resources for Judges. Judging articles from the print AOS journal that published award descriptions and some photos; discontinued when the AOS started using digital photography for awards and published its first database of awards.
* *The Orchid Digest*. Index to authors and titles: <http://orchiddigest.org/pub.html#pastissue>. For articles, subscription required (recent journals are shown as pdfs for recent issues)
* RHS *Orchid Review*: now an annual; index: <https://www.rhs.org.uk/about-the-rhs/pdfs/publications/the-orchid-review/index/the-orchid-review-index.pdf>. Subscription required for journals; older than 100 years old, see Biodiversity Heritage Library
* *The Orchadian*, the journal of the Australasian Native Orchid Society. Index. <https://anos.org.au/orchadian-articles-index/?iyear=Last+5+years&itag=All+content&isort=Issue&submit=select> Issues older than c. 20 years in Biodiversity Heritage Library. Rest need subscription. Good for dendrobiums, bulbophyllums, cymbidiums, Sarcochilus, other Australian species and their hybrids.
* *Orchids Australia*, the journal of the Australian Orchid Council. Index to journal archives Journal requires subscription <https://www.orchidsaustralia.com.au/orchidsaustralia.com.au/index.php/orchids-australia/oa-index>, Australian Orchid Council. Index to AOC awards and includes photos/descriptions. Free. <https://www.orchidsaustralia.com.au>
* *Phalaenopsis*. International Phalaenopsis Alliance. <https://www.phal.org/journal.htm> Subscription required
* *Slipper Orchids.* SOA journal. <http://www.slipperorchid.org/> Subscription required
* *International Odontoglossum Alliance Newsletter*. <http://www.odontalliance.org/journals/index.html>. All issues online & free
* *Malesian Orchid Journal.* <https://nhpborneo.com/books/plants/> Cost and shipping per issue
* *CSA Journal*. Cymbidium Society of America. (no longer publishing) Worthwhile for cymbidium research.
* *Australian Orchid Review*. Long-running but discontinued publication in 2020. Earlier issues had a large section on cymbidiums every month. In existence for many decades. Often had significant articles.

**RESEARCH QUESTIONS**:

* Write a 500-word paper or a 15 slide PowerPoint with *analysis* and discussion of a judging topic, species or hybrid using at least six of these listed resources. The Archives of *Orchids* and its *Supplements* must be one of the resources. Use *OrchidPro* as an additional research resource that is not included in the minimum of ‘six required resources’.
* These resources will help with choosing, organizing and preparing a paper or PowerPoint:
	+ aos.org Judges Forum webinar: “Making Better Presentations”. Allen-Ikeson. 2-2021
	+ “Judges Corner: A project on a Genus, Species or Important Hybrid” Allen-Ikeson. *Orchids*. January 2019
	+ “Judges Corner: Organizing a Judging Project” Allen-Ikeson. *Orchids.* February, 2019