

First steps towards the preparation of a CITES checklist for *Bulbophyllum* (Orchidaceae)Report of a project financed by the Austrian CITES-MA¹Michael Kiehn & Anton Sieder²**Aims of the project:**

- Collection of all literature dealing with the genus *Bulbophyllum* - descriptions, floras, keys etc.
- Extraction of information needed for a CITES checklist for *Bulbophyllum*
- Establishment of a electronic data-base for this information
- Starting with the input of data of CITES relevance into this data base
- Establishing contacts with experts of the genus on a worldwide basis (as precondition for a consensus about accepted names for the checklist)

Results:

- The literature collected and consulted relates to c. 3.000 names of *Bulbophyllum* and relatives.
- Species at one time referred to as members of *Bulbophyllum* were originally described as or are currently attributed to one of the following 55 genera:

Acrochaene, Adelopetalum, Anisopetalum, Bolbophyllaria, Bulbophyllopsis, Bulbophyllum, Canacorthis, Chaseella, Cirrhopetalum, Cochlia, Codonosiphon, Dactylorhynchus, Didactyle, Diphyes, Drymoda, Ephippium, Epicranthes, Ferruminaria, Genyorchis, Gerinia, Hapalochilus, Henosis, Hippoglossum, Hyalosema, Ionea, Josephia, Lyraea, Macrolepis, Malachadenia, Mastigion, Megaclinum, Monomeria, Monosepalum, Odontostyles, Osyricera, Oxysepalum, Pedilochilus, Pelma, Phyllorchis, Phyllorkis, Porpax, Rhytionanthos, Saccoglossum, Sarcopodium, Sestochilus, Synarmosepalum, Stolzia, Sunipia, Tapeinoglossum, Taurostalix, Thelynychiton, Trias, Tribrochia, Vesicisepalum, Xiphizusa, Zygoglossum

The checklist will have to deal with all these genera.

- Additional 120 names of sections and subgenera in *Bulbophyllum* have been documented.
- An electronic data-base for the preparation of the checklist was created in collaboration with Noel McGough (RBG Kew). Using access as background program, this data base includes (amongst others) the following fields: genus, species, author, occurrence, first description (year), section, type, synonyms, is synonym to, first publication in genus xx. It is designed to specially accommodate the complicated and manifold synonymies.
- Data for c. 300 species are already taxonomically checked and included in the data base. Inclusion of data for another 1.000 taxa is prepared and depends on further financial support for the project.
- Contacts with experts of the genus on a worldwide basis (e.g., from the USA, UK, Netherlands, Germany, France, Singapore) are established - this process is open ended and still ongoing.

Proposed next steps (subject to additional funding):

- Continuation with the taxonomic work on valid and accepted names.
- Increasing the communication with the *Bulbophyllum*-specialists (e.g., by visits of the coordinator for the project in Paris and Kew).
- Continuation of inclusion of data in the database.

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