

CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES  
OF WILD FAUNA AND FLORA



Twenty-sixth meeting of the Plants Committee  
Geneva (Switzerland), 5 – 9 June 2023

NOMENCLATURE MATTERS

Membership (as decided by the Committee)

Chair: the nomenclature specialist (Ms. Klopper);

Parties: China, European Union, France, Germany, Madagascar, Republic of Korea, Russian Federation, South Africa, Switzerland, United Kingdom of Great Britain and Northern Ireland, United States of America, Zimbabwe; and

IGOs and NGOs: United Nations Environment Programme-World Conservation Monitoring Centre.

Mandate

The in-session working group shall:

1. review documents PC26 Doc. 43.1 to 43.9, and
  - a) develop recommendations for additional nomenclature matters outlined in paragraphs 17 to 19 of document PC26 Doc. 43.1 on *Overview of flora nomenclature matters for the period CoP19–CoP20*;
  - b) consider and evaluate the nomenclatural issues and identify suitable, if any, nomenclatural references for amendment of the Annex to Resolution Conf. 12.11 (Rev. CoP19) on *Standard nomenclature* for:
    - i) *Dipteryx* spp., as outlined in document PC26 Doc. 43.5 on *Standard nomenclature for cumarus* (*Dipteryx* spp.) and its Annex;
    - ii) *Khaya* spp., as outlined in document PC26 Doc. 43.6 on *Standard nomenclature for African mahoganies* (*Khaya* spp.) and its Annex; and
    - iii) *Rhodiola* spp., as outlined in document PC26 Doc. 43.8 on *Standard nomenclature for roseroots* (*Rhodiola* spp.) and its Annex;
  - c) review the utility of the CITES Cactaceae Checklist (3rd edition) and its Supplement (2018) with regard to issues that arise as Parties apply these lists, including feedback to improve it in the light of relevant updates of cacti taxonomy contained in document PC26 Doc. 43.3 on *Cactaceae checklist and its supplement* and its Annexes;
  - d) provide input into the draft terms of reference contained in:
    - i) Annex 1 to document PC26 Doc. 43.2 on *Nomenclature for aloes* (*Aloe* spp.);
    - ii) Annex 1 to document PC26 Doc. 43.4 on *Nomenclature for ebonies* (*Diospyros* spp.) (*populations of Madagascar*);

- iii) Annex 1 to document PC26 Doc. 43.7 on *Nomenclature for pachypodiums (Pachypodium spp.)*; and
  - iv) Annex 1 to document PC26 Doc. 43.9 on *Nomenclature for yews (Taxus spp.)*; and
2. report its recommendations to the Committee.

## Recommendations

Regarding the specific sections of its mandate, the working group recommends proceeding as follows:

### **Section of its mandate: Recommendation:**

- 1a) Doc. 43.1 par. 17a): Concerning the correct name for *Dipteryx oleifera*: Use the older name *Dipteryx oleifera* in accordance with the rules of the *International Code of Nomenclature for algae, fungi, and plants* following rejection of the name conservation proposal for the name *Dipteryx panamensis* by the Nomenclature Committee for Vascular Plants of the International Association for Plant Taxonomy; and remove this item from the nomenclature work programme of the Plants Committee.
- Doc. 43.1 par. 17b): Concerning the correct name for *Bulnesia sarmientoi*: Include both *Gonopterodendron sarmientoi* and *Plectrocarpa sarmientoi* as synonyms, while keeping *Bulnesia sarmientoi* as the accepted name; and update the Species+ database accordingly. The Secretariat should consult the four range States on which names are used by them, and the nomenclature specialist will provide an update regarding the responses at PC27.
- Doc. 43.1 par. 17c): Concerning the correct treatment and placement of *Turbinicarpus ×roeseiflorus* on the Appendices: Note that the genus *Turbinicarpus* is listed as a higher taxon listing under Appendix I; and include the natural hybrid in Appendix I as well.
- Doc. 43.1 par. 18a): Concerning the possibility of updating the standard nomenclature reference for the bulb genus *Cyclamen*: Update the CITES bulb checklist for all three genera, considering options to develop separate checklists for each genus; and consider the option of using time-stamped database extracts. The nomenclature specialist will propose draft decisions at PC27.
- Doc. 43.1 par. 18b): Concerning the problems caused by homonym names and how best to deal with them on Species+, using *Dracaena marginata* as an example: Add a note in the CITES Checklist and Species+ for *Dracaena marginata* Aiton, to alert users about the homonym name (*Dracaena marginata* Lam.) relating to a non-listed species. The wording of the note should be clear to end-users of the database, and the United Kingdom of Great Britain and Northern Ireland will consult with its enforcement unit to assist in suggesting appropriate wording. A simple form of identification material should be developed to distinguish the two species. The United Kingdom agreed to share some materials already developed to that end.
- Doc. 43.1 par. 18c): Concerning the possibility of producing a standard nomenclature reference for the agarwood-producing genera *Aquilaria* and *Gyrinops*: Support the development of a checklist for *Aquilaria* and *Gyrinops*, also including other non-listed agarwood-producing taxa mentioned in reports recently submitted in relation to agarwood (e.g. *Aetoxylon*). A phylogenetic study might be ideal, but could have huge funding implications. Therefore, get a time-stamped database extract as an immediate measure, and consider future decisions to produce an updated checklist that includes a phylogenetic study. These will be presented in the nomenclature report at PC27.
- 1(b)i (Doc. 43.5): Concerning the *Standard nomenclature for cumarus (Dipteryx spp.)*: Download a time-stamped extract from the *Plants of the World Online* database.
- 1(b)ii (Doc. 43.6): Concerning the *Standard nomenclature for African mahoganies (Khaya spp.)*: Retain the existing time-stamped download for the time being while updates to the taxonomy of *Khaya* is ongoing. The issue should be reviewed at PC27.

- 1(b)iii (Doc. 43.8): Concerning the *Standard nomenclature for roseroots (Rhodiola spp.)*: Obtain a time-stamped download from *Plants of the World Online* and do a comparison to ensure that species listed in proposal CoP19 Prop. 45 are included in the extract. If needed, consult with the POWO editors whether any species not included can be included additionally.
- 1(c) (Doc. 43.3): Concerning the Cactaceae checklist and its supplement: Support the suggestions by Mexico, additional clarifications of names/taxa as proposed by the United Kingdom, and the proposed format as a fully electronic and machine-readable document; but hesitate to include additional information as proposed by the United Kingdom. The nomenclature specialist will present draft decisions at PC27.
- 1(d)i-iv (Activity 2 of ToRs): Concerning Section 2 of Activity 2 of the draft terms of reference for the development of updated standard nomenclature references for aloes, Malagasy ebonies, pachypodiums, and yews: Add authorities in the lists of scientific names; include infraspecific taxa, natural hybrids, and species names that were previously accepted, but that are now regarded as insufficiently known and unplaced, where they exist.
- Concerning Section 3 of Activity 2 of the draft terms of reference: Recommendation for the Secretariat: include instruction in the Notification on the *Dalbergia* checklist to invite feedback on the utility to end-users, specifically regarding the extended checklist format used in the *Dalbergia* checklist. Unless this extended format is supported by end-users, revert to a simplified checklist format, and retain from Section 3 only: Valid taxon name, synonyms, common names, range States, and CITES listing status. If the more extensive scope of Section 3 of Activity 2 is maintained: specify that only published Red List assessments be included; and be explicit about the source of the trade data. Have the species lists in a machine-readable format that can be imported into a database in addition to the pdf format.
- 1(d)i (Doc. 43.2): Concerning the *Nomenclature of aloes*: Note that the information in paragraph 5 of Annex 3 to document PC26 Doc. 43.2 needs to be checked for correctness by the nomenclature specialist, as there might be a homonym issue and a wrong name indicated for removal.
- 1(d)ii (Doc. 43.4): Concerning the *Nomenclature for Malagasy ebonies (Diospyros spp.)*: Accept the scope of the standard reference to include the 88 large tree species that were defined in recent taxonomic work in Madagascar. Produce a full checklist rather than a time-stamped database extract, in line with CoP Decisions. Eliminate range States section from Section 3 of Activity 2 of the draft terms of reference (Distribution), since all species except one are endemic to Madagascar; and include a note for the single species that also occurs on the Comoros Islands.
- 1(d)iii (Doc. 43.7): Concerning the *Nomenclature for pachypodiums*: The nomenclature specialist will contact the World Flora Online Taxonomic Expert Network for Apocynaceae to find guidance on who could lead the development of the checklist.
- 1(d)iv (Doc. 43.9): Concerning the *Nomenclature for yews (Taxus spp.)*: Ensure that the checklist encompass the entire genus, even though only some species are listed. Bear in mind that the number of listed species may increase since taxa previously considered subspecies are now accepted species. The working group notes that the United States of America and China have previously indicated they might collaborate on this checklist. China voiced its continued commitment to collaborate on the checklist. Delegates from the United States will consult with their colleagues and inform the nomenclature specialist and the Secretariat about any intentions to support the production of the checklist. The World Flora Online Taxonomic Expert Network for Conifers at the Royal Botanic Garden Edinburgh should be considered a suitable contact to be involved in this work.