

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



Joint sessions of the 33rd meeting of the Animals Committee and
the 27th meeting of the Plants Committee
Geneva (Switzerland), 12 - 13 July 2024

Appendices of the Convention

Nomenclature matters

Botanical and zoological nomenclature

DEVELOPMENT OF A STANDARDIZED GLOBAL CHECKLIST OF SPECIES

1. This document has been prepared by the specialist on botanical nomenclature of the Plants Committee and the specialist on zoological nomenclature of the Animals Committee, with significant contributions from the Secretariat and incorporating the views expressed by the members of the joint intersessional working group on nomenclature.
2. At its 19th meeting (CoP19; Panama City, 2022), the Conference of the Parties adopted Decision 19.274, as follows:

Directed to the Animals and Plants Committees

19.274 *Subject to external funding, the Animals and Plants Committees shall, through their respective nomenclature specialists, participate in the initiative of the International Union of Biological Sciences to develop a standardized global checklist of species, and report on progress to the 20th meeting of the Conference of the Parties.*

3. Progress was reported in document [PC26 Doc. 42.3 / AC32 Doc. 45.3](#). Subsequently, the nomenclature specialist of the Plants Committee was invited to join their counterpart of the Animals Committee to engage with the Checklist Governance Working Group (CGwg) established under the auspices of the International Union of Biological Sciences (IUBS). This CGwg is currently focusing on defining criteria for the adoption of partial checklists into a comprehensive global checklist. The CGwg is also exploring closer engagement with the Convention on Migratory Species.
4. The nomenclature specialists of the Plants and Animals Committees are of the view that the Global Checklist process is a long-term process and propose that the Animals and Plants Committee either propose the renewal the Decision to the 20th meeting of the Conference of the Parties or consider whether the participation in initiatives to develop a standardized global checklist of species should be incorporated in Resolution Conf. 12.11 (Rev. CoP19) on *Standard nomenclature*. In this regard, the following paragraph could be inserted after paragraph 5 in Resolution Conf. 12.11 (Rev. CoP19):

ENCOURAGES the Animals and Plants Committees, through their respective nomenclature specialists and subject to external funding, to participate in initiatives to develop a standardized global checklist of species

5. In undertaking their work in terms of Resolution Conf. 12.11 (Rev. CoP19) on *Standard nomenclature*, the nomenclature specialists of the Plants and Animals Committees noted that paragraph 5 and paragraph 11 in the Resolution could be a duplication and propose that the Animals and Plants Committee consider

recommending to the 20th meeting of the Conference of the Parties that these paragraphs be merged. A consolidated text could read (amendment to paragraph 5 to include text from paragraph 11):

DIRECTS the Secretariat, in close cooperation with the nomenclature specialists of the Animals and Plants Committees, and in the implementation of its memoranda of understanding or cooperation, or programmes of work with other biodiversity-related multilateral environmental agreements, to ~~consider ways of harmonizing~~ promote harmonization of the taxonomy and nomenclature of species included in their respective provisions;

6. Although not part of its mandate, the members of the [joint intersessional working group on nomenclature](#) were invited to share their views on possible priorities for the selection, preparation, or updating, and adoption of nomenclature standard references. Responses were received from China, Mexico, the United Kingdom of Great Britain and Northern Ireland, and the United States of America.
7. Based on the inputs received the following list was compiled and will be considered by the nomenclature specialists of the Plants and Animals Committees to prioritize further activities:

REPTILIA: SAURIA

Gekkonidae: *Carphodactylus* spp., *Nephrurus* spp., *Orraya* spp., *Phyllurus* spp., *Saltuarius* spp., all listed *Sphaerodactylus* species, *Strophurus* spp., *Underwoodisaurus* spp., and *Uvidicolus* spp.

Helodermatidae: *Heloderma* spp.

Phrynosomatidae: *Phrynosoma* spp.

Scincidae: *Egernia* spp.

INSECTA: LEPIDOPTERA

Papilionidae: *Bhutanitis* spp., *Teinopalpus* spp.

MOLLUSCA: BIVALVIA

Tridacnidae spp.

MOLLUSCA: GASTROPODA

Achatinellidae: *Achatinella* spp.

Cepolidae: *Polymita* spp.

FLORA

Amaryllidaceae: *Galanthus* spp., *Sternbergia* spp.

Apocynaceae: *Hoodia* spp.

Asparagaceae: *Beaucarnea* spp.

Bignoniaceae: *Handroanthus* spp., *Roseodendron* spp., *Tabebuia* spp.

Crassulaceae: *Rhodiola* spp.

Cyatheaceae: *Cyathea* spp.

Dicksoniaceae: *Dicksonia* spp.

Didiereaceae spp.

Euphorbiaceae: Succulent *Euphorbia* spp.

Leguminosae: *Azalia* spp.

Meliaceae: *Cedrela* spp.

Nepenthaceae: *Nepenthes* spp.

Portulacaceae: *Anacampseros* spp., *Avonia* spp.

Primulaceae: *Cyclamen* spp.

Sarraceniaceae: *Sarracenia* spp.

Stangeriaceae: *Stangeria* spp., *Bowenia* spp.

Thymelaeaceae: *Aquilaria* spp., *Gyrinops* spp., *Gonystylus* spp.

Zamiaceae spp.

Zygophyllaceae: *Guaiacum* spp.

8. Furthermore, updates and additions to the existing nomenclature references for Cactaceae and Orchidaceae were also noted as desirable.
9. The nomenclature specialists of the Plants and Animals Committees noted that checklists are already in preparation for some of the groups identified and that detailed considerations for the nomenclature of taxa listed in Appendix III and the adoption of standard references for these taxa are presented in document (PC27 Doc. 40.1 / AC33 Doc. 47.1).

Recommendations

10. The Animals and Plants Committees are invited to:
 - a) note the list of taxa in paragraph 7;
 - b) consider the proposals contained in paragraph 4 relating to the extension of the mandate to participate in initiatives to develop a standardized global checklist; and
 - c) consider the proposals contained in paragraph 5 relating to duplicate provisions relating to the promotion of harmonization of the taxonomy and nomenclature used by biodiversity-related multilateral environmental agreements.