

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



Nineteenth meeting of the Conference of the Parties
Panama City (Republic of Panama), 14 - 25 November 2022

Species specific matters

Maintenance of the Appendices

Standard nomenclature

STANDARD NOMENCLATURE FOR *RHODIOLA* SPP.

1. This document has been submitted by the European Union and its Member States*

Background

2. In CoP19 Prop. 45 it is proposed to amend CITES App. II to include the genus *Rhodiola*, which is a diverse and widely distributed genus of perennial plants. The taxonomy of *Rhodiola* remains partially unresolved: the number of accepted species ranges from c. 58 to 90 species, depending on the consulted nomenclatural source, with differing taxonomic placements and nomenclatural considerations of single species.
3. The taxonomic framework of CoP19 Prop. 45 is Ohba (2003), which accepts 58 species. Annex 1 of CoP19 Prop. 45 lists all *Rhodiola* species outlined in Ohba (2003), alongside their respective scientific synonyms. Ohba (2003) is a published expert author book chapter that coherently considers the entire genus and which (for the critical aspects of *Rhodiola* taxonomy and nomenclature) is in accordance with Kew's curated and regularly updated [World Checklist of Vascular Plants](#) (WCVP). However, other commonly used nomenclatural references, such as Mabberley's Plant Book (Mabberley 2017), [The Plant List](#) (TPL), [World Flora Online](#), the [Global Biodiversity Information Facility](#) (GBIF), and the [Flora of China](#) have partially different representations of the genus *Rhodiola*. Some of these references merge single species (including *R. rosea*, which is one of the main species in trade) into *Sedum*, or state an unresolved status for some species. Additional ambiguity remains regarding the taxonomic placement and synonymy of certain species, geographical populations or varieties within the genus *Rhodiola*.
4. In the case that CITES App. II is amended to include *Rhodiola* spp., the above-mentioned nomenclatural discrepancies and ambiguities create the potential for confusion or misinterpretation among Parties in the context of implementation and enforcement of trade controls for *Rhodiola* specimens under CITES. In order to address such issues, and with regard to Res. Conf. 12.11 (Rev. CoP18) on *Standard Nomenclature*, it is considered that a CITES standard nomenclatural reference for *Rhodiola* spp. would become necessary, with

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Ohba (2003) being the most preferable reference for this. After consultations and in agreement with the Nomenclature specialist of the Plants Committee the following is proposed.

Recommendations

5. Should CoP19 Prop. 45 on the inclusion of *Rhodiola* spp. in Appendix II be adopted by CoP19, it is recommended that the Conference of the Parties takes note of the nomenclatural ambiguities for the genus outlined above and directs the Plants Committee to provide advice on the possible amendment of the Annex to Res. Conf. 12.11 (Rev. CoP18) by proposing a standard reference for the genus *Rhodiola*. The following draft decisions are proposed for consideration and adoption by the Conference of the Parties:

Directed to the Plants Committee

The Plants Committee shall:

- 19.AA a) Consider and evaluate the nomenclatural issues related to *Rhodiola* spp., and, if considered appropriate, propose a standard nomenclatural reference for amendment of the Annex to Res. Conf. 12.11 (Rev. CoP18) on *Standard Nomenclature* taking into consideration Ohba (2003) and the representation thereof in Annex 1 to proposal CoP19 Prop. 45.
- b) Report with recommendations to the 20th meeting of the Conference of the Parties.

References

- Ohba, H. 2003. *Rhodiola*. In U. Eggli (Ed.), *Illustrated Handbook of Succulent Plants. Crassulaceae*. Springer, Berlin. pp. 210–227.
- Mabberley, D. J. (2017). *Mabberley's plant-book*. A portable dictionary of plants, their classification and uses (4th ed.). Cambridge: Cambridge University Press.

TENTATIVE BUDGET AND SOURCE OF FUNDING
FOR THE IMPLEMENTATION OF DRAFT RESOLUTIONS OR DECISIONS

According to Resolution Conf. 4.6 (Rev. CoP18) on *Submission of draft resolutions, draft decisions and other documents for meetings of the Conference of the Parties*, the Conference of the Parties decided that any draft resolutions or decisions submitted for consideration at a meeting of the Conference of the Parties that have budgetary and workload implications for the Secretariat or permanent committees must contain or be accompanied by a budget for the work involved and an indication of the source of funding. The Secretariat proposes the following tentative budget and source of funding.