

IUCN SSC Central African Plant Red List Authority



2018 Report



Jean Michel Onana



Tariq Stévant

Red List Authority Coordinators

Jean Michel Onana ⁽¹⁾
Tariq Stévant ⁽²⁾

Location/Affiliation

⁽¹⁾ University of Yaoundé I, Faculty of Sciences, Yaoundé, Cameroon; National Herbarium of Cameroon, Cameroon

⁽²⁾ Missouri Botanical Garden, Africa & Madagascar Department, US; Herbarium of the Université Libre de Bruxelles and Botanic Garden Meise, Belgium

Number of members

26

Mission statement

The mission of the Central African Plant Red List Authority (CARLA) is to promote high quality Conservation Assessments within Central Africa and to use this information to support conservation actions.

Projected impact for the 2017-2020 quadrennium

By the end of 2020, we envision a substantial advance in assessing the preliminary conservation status of the most threatened species in Central Africa. Specifically, using a computer routine, we will establish a working list of the species that could be considered as threatened and then use this information to focus on potentially Critically Endangered and Endangered species, for which we will conduct and submit full assessments to the Red List. We will continue publishing assessments of endemic plants (orchids, Cameroonian plants, trees from the Flore d'Afrique Central region, trees of Principe) and of highly threatened species such as members of Podostemaceae, while also developing the Red Listing skills of young African botanists.

Targets for the 2017-2020 quadrennium

Assess

Red List: (1) complete preliminary assessments of species endemic to Central Africa; (2) complete assessments of 150 orchid species endemic to Atlantic Central Africa; (3) complete assessments of the plant species endemic to Cameroon; (4) complete assessments of the

400 tree species endemic to Flore du Congo; (5) produce assessments of endemic tree species from Principe; (6) produce assessments of the 200 threatened plant species of Sao Tomé and Principe; (7) produce assessments of the threatened plant species of Nimba and Lofa-Gola-Mano complex; (8) complete preliminary assessments of species endemic to Gabon.

Activities and results 2018

Assess

Red List

- i.** Central Africa: a total of 38 species in 10 genera of Annonaceae were reviewed as followed: *Annickia* (5 spp.), *Cleistopholis* (2 spp.), *Dugetia* (2 spp.), *Hexalobus* (2 spp.), *Isolona* (8 spp.), *Monodora* (2 spp.) *Neosthenanthera* (2 spp.), *Piptostigma* (12 spp.), *Sirdavidia* (1 sp.), and *Uvariastrum* (2 spp.), along with 41 species of *Cola* (Malvaceae, Sterculioideae), and 19 species of *Diospyros* (Ebenaceae). (KSR #2)
- ii.** Orchid species endemic to Atlantic Central Africa: forty assessments were published in 2018, all of which were entered into the IUCN SIS database. (KSR #2)
- iii.** Tree species endemic to the flora of Congo: two training workshops have been organised at Meise Botanic Garden (Belgium) to train five of their staff members in Red Listing and SIS entry. The first workshop will be held at Meise in June 2019. (KSR #2, 5)
- iv.** Tree species from Principe: fieldwork has been conducted to acquire distribution data for the 26 species that will be assessed in 2019. (KSR #2)
- v.** Species endemic to Gabon: 326 preliminary assessments have been performed for the High Conservation Value (HCV) project in 2018,



A first survey of the submontane forests of Principe Island was conducted to assess the conservation status of trees for the Global Tree Campaign. <http://globaltrees.org/news-blog/uncovering-the-secrets-of-principes-mysterious-rainforests/>
 Photo: Tariq Stévant (MBG)



Diospyros crassiflora Hiern, an important source of Ebony wood, was reassessed as Vulnerable
 Photo: Vincent Deblauwe (IITA)

comprising 44 Critically Endangered, 154 Endangered, 121 Vulnerable, 5 Near Threatened and 2 Least Concern species; these are accessible on the Threatened plant species of Gabon website (http://www.tropicos.org/Project/Threatened_Plants_Gabon). Overall, 2,099 taxa have been assessed as potentially threatened for Gabon, based on an automatic procedure using IUCN Red List criterion B and unverified lists of specimens. (KSR #2, 22)

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Summary of activities 2018

Species Conservation Cycle ratio: 1/5

Assess **5** |||||

Main KSRs addressed: 2, 5, 22

KSR: Key Species Result