

Updating Key Biodiversity Areas in the Lofa-Gola-Mano & Nimba complexes

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Context and objectives

The Key Biodiversity Areas (KBA) of both complexes are poorly known and were designated without data on flora or ecosystems. Moreover, there is a high heterogeneity in the quantity flora and ecosystem data across sites. Local capacities in botany were limited (especially in Liberia), and there is a crucial need for training. Goals: ➤ Increase the level of knowledge. ➤ Capacity building and regional harmonization of practices. ➤ Pooling of data. ➤ Identification of threatened species and ecosystems. ➤ Re-evaluation of KBAs. ➤ Communication to stakeholders.

Key results of the project

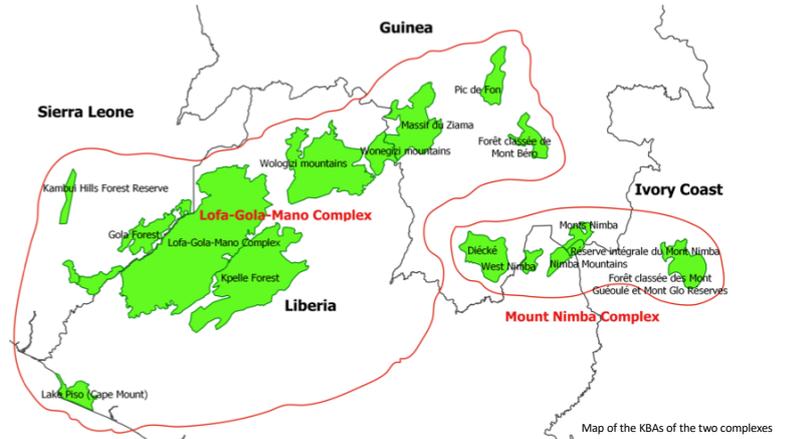
1. Knowledge







- 1732 botanical samples collected in Guinea
- 2082 botanical samples collected in Liberia
- 63 tree transects in nine different sites
- 493 orchid individuals cultivated at Sérédou
- 5610 photos including 650 orchids
- 150 species assessed out of 200 identified as threatened
- 30 threatened ecosystems out of 87 ecosystems identified



2. Communication

- Website in Tropicos on threatened species and ecosystems.
- Brochures and workshops.




3. Training

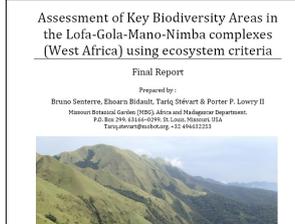
- Harmonizing the regional practices: same techniques used in both countries, data recognized at the international level, increase visibility on the work accomplished.

- Reinforce local capacities: 4 technicians trained in Guinea; 2 technicians trained in Liberia.
- Re-establishment of a National Herbarium in Liberia.



4. KBA assessments

- Report on ecosystems and KBA analysis



- KBA training workshop and formation of the Guinean National Coordination Group



First conclusions and challenges to overcome

- Strong heterogeneity in the baseline knowledge: the project allowed to start filling some gaps.
- Some data inaccessible: old collections, or recent but never made public.
- Standardization is necessary: all collected data and some old data were put into a single system (MBG database TROPICOS) to facilitate analyses.

- Continued work:
- Follow-up with Guinea KBA National Coordination Group for submission of KBA forms.
- Long-term capacity building in Liberia.
- Finalization and publication of checklists for both complexes.