

CASE STUDY ON ACCESS & BENEFIT-SHARING FOR NON-COMMERCIAL ACADEMIC RESEARCH IN LATIN AMERICA AND THE CARIBBEAN

BRAZIL-SWITZERLAND

CH-BR

Biogeographical studies of some submontane forests of the Mata Atlantica by increasing biological knowledge in a conservation perspective

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Region: Nordeste (Alagoas and Pernambuco states), Brazil

Field of research: Ecology, biogeography, conservation biology

Research goal:

- Providing detailed biological inventories for increasing the knowledge of the biodiversity of the submontane forests of north-eastern Brazil => Biogeographic tool and Conservation goals
- Studying the relations and affinities of forests at different scales based on their respective specific composition => Highlighting the role of these rare forest remnants in a biogeographic perspective
- Biogeographic studies of the arborescent flora through 1ha-plot enlarged to the global tropical area => We suspect that current floristic and structural composition is first driven by the biogeographic factors
- Conservation: vegetation maps and checklists of the studied areas as well as identification of the most rare species and vegetation will be fundamental to propose a specific protection plan

Commercial purpose: Non-commercial purpose only

Resources accessed: Herbarium collections, vegetation sampling

Provider of resources:

Universidade Federal de Paraíba (herbarium JP), João Pessoa, Paraíba, Brazil.

User of resources:

- Universidade Federal da Paraíba (herbarium JPB), João Pessoa, Paraíba, BR
- Universidade Federal de Pernambuco (her. UFP), Recife, Pernambuco, BR
- Instituto do Meio Ambiente (her.MAC), Maceió, Alagoas, BR
- Conservatoire et Jardin botaniques de la Ville de Genève (her. G), Geneva, CH
- Nordeste association, Geneva and Pedra Talhada, CH and BR

Governing body regulating access:

- Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq),
- Instituto Chico Mendes de Conservação da Biodiversidade (ICMBio)
- Sistema de Autorização e Informação em Biodiversidade (SISBIO)

Utilisation of resources during the project:

taxonomic identification, geolocalisation, genetic analysis, modelisation, biogeography, conservation

Utilisation of resources after project completion:

Collections: 6 collected duplicates of each collection dispatched and preserved in the country of origin as well as in different herbaria (research institute (CJB) and institutions of specific taxonomists).

Utilisation of generated information after project completion:

Scientific research (publications); conservation, biological knowledge (publicly accessible databank), production of public documentation (incl. schools and students) for awareness of conservation problematic in the study area, conservation management (checklists, vegetation map)

Negotiation procedures:

The main negotiation partner is the provider of resources (Universidade Federal da Paraíba). Permits required: research visa, collecting permit, and exportation permit.

Negotiation duration from the time of permit application: 8 months

Information on Prior Informed Consent (PIC) &/or Mutually Agreed Terms (MAT) when available: NA

Factors of success of the application procedure:

The tight collaboration between the different research institutions, the complementary uses of the collected data, the joint publications and the central role of conservation goals

Non-monetary & monetary benefits shared:

Formation of students and of managers in biological resources /conservation, please also see "Utilisation of generated information after project completion" above

Awareness of benefits shared:

National (research institutions), regional and local (Conservation, schoolchildren and students formation)

Continuation of benefits sharing:

ICMBio largely implicated in conservation policy, together with Nordeste Association in the protection of the remnant studied forests

Other comments: