Standard Operating Procedure (SOP) 201 Resource Management

This document represents an abstract of the SOP 201 Resource Management. To get free access to the complete version please contact us by email.
Stefan Lermer **s.lermer@duerbeck.de** Klaus Dürbeck **k.duerbeck@duerbeck.de** Teresa Hüttenhofer **t.huettenhofer@duerbeck.de**

Abstract

The SOP Resource Management has been developed to implement sustainable management practices according to the Good Agricultural and Collection Practices (GACP) of the World Health Organization (WHO) and the FairWild Standard (FWS). The approach to start with the SOP for Resource Management as the first SOP for the implementation of sustainable wild collection was chosen to raise awareness on the existence and necessity of the implementation of sustainable management practices for resource owners. Scopes of the sustainable management practices are to benefit permanently the resource, to protect the environment against over-exploitation and to improve quality of life through income generation for rural communities.

Resource management is an aspect of sustainable wild collection which in this context goes along with principles provided by GACP and FWS. In general, it covers collection rates ensuring reproduction of plant species, environmental protection e.g. prohibit collection of endangered species, management aspects like fair and safe working conditions, and treatment of collected material to ensure quality of the products. Sustainable management practices are implemented in the FWS and cover following principles: preventing environmental impacts, complying with laws, regulations and impacts, complying with laws, regulations and agreements and applying responsible management practices.

The SOP Resource Management consists of 10 steps which are shown in the flow chart attached to this document. The 10 steps are divided in seven "Action steps" and three so called "Evaluation of availability" steps.

The "Evaluation of availability" steps were set after important actions of the SOP to evaluate a successful application of the steps before. Without, their application no ongoing with the following steps of the SOP is possible and one has to start at the indicated step again.

The remaining seven steps represent the core of the SOP. They indicate a certain action which needs to be realized. In chapter 9 of the SOP the respective responsibilities and a detailed description of each action can be found. To implement these steps in practice, seven Work Instructions (WINs), directly related to the SOPs, were developed. They will be published and discussed on the IN2NI website.

A first version of the document was presented during a project in collaboration with GIZ in Kosovo in 2014. Resource owners - in this case forest owners (public and private) - were trained on sustainable resource management according to this SOP. A first feedback of the resource owners indicated a conceivable application of this SOP in future management plans.

Flowchart

```
                          START
                            │
                            ▼
              ┌─────────────────────────────┐
              │ 1. Identification of areas  │◄──────────────┐
              │    of collection            │               │
              └─────────────────────────────┘               │
                            │                                │
                            ▼                                │
              ┌─────────────────────────────┐               │
              │ 2. Herbarium sampling       │               │
              └─────────────────────────────┘               │
                            │                                │
                            ▼                                │
              ┌─────────────────────────────┐               │
              │ 3. Botanical identification │               │
              └─────────────────────────────┘               │
                            │                                │
                            ▼                                │
                      ◇─────────────◇                        │
                     ╱ 4. Evaluation ╲──────NO───────────────┤
                     ╲ of availability╱                      │
                      ◇─────────────◇                        │
                            │ YES                            │
                            ▼                                │
              ┌─────────────────────────────┐               │
              │ 5. Access right             │               │
              └─────────────────────────────┘               │
                            │                                │
                            ▼                                │
                      ◇─────────────◇                        │
                     ╱ 6. Evaluation ╲──────NO───────────────┤
                     ╲ of availability╱                      │
                      ◇─────────────◇                        │
                            │ YES                            │
                            ▼                                │
              ┌─────────────────────────────┐               │
              │ 7. Resource assessment and  │               │
              │    harvesting quota         │               │
              └─────────────────────────────┘               │
                            │                                │
                            ▼                                │
                      ◇─────────────◇                        │
                     ╱ 8. Evaluation ╲──────NO───────────────┘
                     ╲ of availability╱
                      ◇─────────────◇
                            │ YES
                            ▼
              ┌─────────────────────────────┐
              │ 9. Issuance of collection   │
              │    permits                  │
              └─────────────────────────────┘
                            │
                            ▼
              ┌─────────────────────────────┐
              │ 10. After collection season │
              │     resource monitoring     │
              └─────────────────────────────┘
                            │
                            ▼
                          END
```