

What is an ATBI+M?

All Taxa Biodiversity Inventories

ATBI

are intensive, large-scale field work efforts to record, identify, and document the entire biodiversity of a given area, with as efficient as possible methods.

+ Monitoring

+M

ATBIs by EDIT are different from traditional approaches in their long-term orientation: From an initial species inventory, they will form the basis for monitoring biodiversity changes over time.

EDIT Work Package 7 goals:

- Form a framework for collaboration among taxonomists to bundle efforts in conservation priority areas;
- Increase the applicability of taxonomic efforts;
- Adjust taxonomic efforts to the needs of biodiversity conservation.



Contact information

www.atbi.eu

Learn more about EDIT, the application of taxonomy to conservation (EDIT WP7), and the ongoing ATBI+M activities:



The European Distributed Institute of Taxonomy (EDIT):

<http://www.e-taxonomy.eu>

EDIT Work Package 7 "Taxonomy for Conservation":

<http://wp7.e-taxonomy.eu>

Infopages on ongoing EDIT WP7 ATBI+Ms:

<http://www.atbi.eu/mercantour-marittime>

<http://www.atbi.eu/gemer>

<http://www.atbi.eu/tanzania>

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EDIT WP7

European Distributed Institute of Taxonomy
Work Package 7: Taxonomy for Conservation



All Taxa Biodiversity Inventories
+ Monitoring

- ▶ Identify all organisms
- ▶ Biodiversity data for conservation
- ▶ Innovative methodology



Identify all organisms

EDIT Work package 7 organizes and supports teams of taxonomic experts for field work to update and complete inventories and undertake monitoring at pilot sites.

The activities occur in collaboration with other components of EDIT, such as to set up the IT infrastructure (WP5), international taxonomic working groups (WP6) and education in taxonomy (WP8).



How to participate:

1. Register at www.atbi.eu/forum and fill out the "ATBI+M profile" in which you can describe your taxonomic expertise and geographic interests.
2. Contact Work package 7 staff and announce your intentions. EDIT Work package 7 can provide financial support for fieldwork.

The goal: Within 10 years, European ATBI+M taxonomic task forces should be the first instance of expert advice to be contacted whenever a need for biodiversity inventoring and monitoring arises.

Biodiversity data for conservation

Reducing biodiversity loss by 2010 is the ambitious target of the United Nations; the European Union even aims for a total halt. Yet, none of the strategies to preserve biodiversity in protected areas is based on biological inventories.

Our knowledge of biological diversity (including classification, description, value, and function) is insufficient and scattered in hard to access resources. Therefore, the biodiversity crisis can also be seen as an information crisis.



The activities of EDIT WP7 aim at accelerating the mobilisation of biodiversity data, while implementing international data-standards to maximize sustainability, (re-)usability and international compatibility.

The data generated by EDIT's activities will be accessible world-wide by collaborating with initiatives such as the Global Taxonomy Initiative (GTI) and the Global Biodiversity Information Facility (GBIF).

- <http://www.gbif.org>
- <http://www.cbd.int/gti>
- <http://www.countdown2010.net>
- <http://sea.unep-wcmc.org/wdpa>

Innovative methodology

EDIT WP7 promotes the application and establishment of new tools, guidelines, and protocols. The goal is to accelerate the establishment of baseline biodiversity data and increase the integration of taxonomy and derived biodiversity sciences.



The taxonomic task forces test, evaluate, and implement innovative and standardized recording methods.

Ultimately, such standardization is aimed at facilitating information flow from the field to accessible and applicable biodiversity data. These resources shall be available to scientists, park managers and the many other users of biodiversity data.

