Towards traceability: UNEP-WCMC as a partner in monitoring python trade

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Species Programme
UNEP-WCMC
This presentation...

1. Introduction to UNEP-WCMC
2. UNEP-WCMC: supporting CITES for over 30 years
3. Roadmap towards python traceability
4. Conclusion
UNEP-WCMC is UNEP’s specialist Biodiversity Assessment Centre

• The UNEP Governing Council adopted WCMC as UNEP’s “Specialist Biodiversity Information and Assessment Centre” (Decision GC 22/1/III).
• Pioneered much of the global conservation infrastructure we work with today.
UNEP-WCMC supports decision-makers

Our Mission:
To provide authoritative information about biodiversity and ecosystem services in a manner that is useful to decision-makers who are driving change in environment and development policy.
UNEP-WCMC supports business

Welcome

Proteus is a partnership between businesses and UNEP World Conservation Monitoring Centre (UNEP-WCMC) to make available global information on biodiversity. Since 2002, Proteus have compiled biodiversity data and developed tools to support businesses make better informed decisions.

all areas of importance

Use the A to Z to find out about different areas of biodiversity importance. These include internationally recognised protected areas such as World Heritage Sites and Ramsar Sites, as well as the many approaches used to prioritise areas for conservation effort and protection including Biodiversity hotspots and Key Biodiversity Areas.

While the many and varied terms used to capture these important biodiversity areas are there to fulfil many purposes, this has created a confusing conservation landscape to navigate. The A to Z is designed to provide clear, concise and relevant information about each type of area, which can be used by all sectors including business, government and environmental agencies.

FEATURED TOOLS

THE INTEGRATED BIODIVERSITY ASSESSMENT TOOL (IBAT)

IBAT for business is an initiative developed through a partnership between BirdLife International, Conservation International, IUCN and UNEP-WCMC, which provides...

NEW PROTECTED PLANET WEBSITE LAUNCHED

Protected Planet is a new initiative by IUCN and UNEP-WCMC to boost global public interest by showcasing 150,000 of the World's Protected Areas in a web-style interactive web
1. Introduction to UNEP-WCMC

2. UNEP-WCMC: supporting CITES for over 30 years
Create and manage CITES data, databases and tools...

~35,000 species
-nomenclature
-distribution
-legislation
-trade restrictions

Over 13 million records of CITES trade data
Create, maintain and manage CITES data, databases and tools...

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Experience with real-time trade monitoring...

Caviar Database

Online permit data queries
Near-real-time data

Electronic Permit Information eXchange (EPIX)

Fraud detection
Permit verification
Trade data analysis and species reviews

Introduction
This website provides a comprehensive overview of the information submitted by the 27 Member States of the European Union (EU) and five candidate countries in their 2010 annual reports to the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). It describes their trade in species listed in the Appendices to CITES and the Annexes of the Wildlife Trade Regulations, which enforce CITES in the EU.
Continuing to Innovate...
1. Introduction to UNEP-WCMC
2. UNEP-WCMC: supporting CITES for over 30 years
3. Roadmap towards python traceability
System requirements

Realistic
- Easy to implement on the ground
- Easy to use by many stakeholders throughout the chain...

Cost-effective
- Initial investment
- Long-term maintenance and monitoring

Flexible
- Accomodate differences in tag types
- Accomodate different technologies for sending/receiving data

Integrated
- Linked with CITES Trade Database
- Linked with other species information
Roadmap to python traceability: Stage 1

Traceability System

CITES Trade Database

Tagging Database

Issue tags
Send tag details to TagDB

Verify tags are in TagDB and have not yet been used

Send permit/tag manifest details to TagDB + Verify tag details.

Cross-check permit + tag manifest with TagDB

Harvest → Tanning → Export

Range State

Country of import
Roadmap to python traceability: Stages 1 & 2

1. Harvest
   - Issue tags
   - Send tag details to TagDB

2. Tanning
   - Verify tags are in TagDB and have not yet been used

3. Export
   - Send permit/tag manifest details to TagDB + Verify tag details.

4. Import
   - Cross-check permit + tag manifest with TagDB

5. Manufacture
   - Issue tags
   - Send new tag details and original export permit to TagDB

6. Re-export
   - Send re-export permit, origin permit and new tag manifest details to TagDB + Verify origin permit and new tag details against TagDB.

CITES Trade Database

Tagging Database

Range State

Country of import

Country of re-export
## Roadmap to python traceability: verification

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Potential for a “Checkpoint system” at each stage...
Integration with CITES Trade Database
Considerations...

• Agreed data standards...
• National systems in place to send/receive data
• Real time submission of data...
• Level of security/restrictions on access?
• Length of data storage? (1 year, 5 years...) 
• Funding mechanism for long-term maintenance...
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UNEP-WCMC a natural partner for biodiversity monitoring

- UNEP-WCMC is a trusted partner of governments, MEAs and businesses;
- Knowledge and expertise in CITES processes;
- Expertise in designing and developing global systems for biodiversity data;
- Ability to link tagging information with CITES Trade Database
Thanks for your attention...

With our partners worldwide we source, collate and verify information on biodiversity and ecosystems which we then synthesise and analyse to create knowledge fit for global decision making.

**Policies**

UNEP-WCMC does not assert any intellectual property rights in the data made available to it by data providers.

**UNEP WCMC**

Access to UNEP-WCMC data is provided on the understanding that you read and consent to be bound by the Terms and Conditions set out in the policies below.

**Recent News:**

**The Global Coral Disease Database (GCDD) Launched**

12/11/2010

The new look GCDD was launched in Samoa last week at the 25th General Meeting of the International Coral Reef Initiative (ICRI) (8-12 November, 2010). The GCDD is an online database for coral disease information, providing interactive maps and dynamic statistics of worldwide coral disease distribution, highly customizable search options and a number of supporting functions, including guidance on survey methods.

To visit the website, go to [www.coraldisease.org](http://www.coraldisease.org).

**Feedback**

This is our new website. We’d like to hear what you think.