IABIN Pollinators Thematic Network

Pollinator Information Network of the Americas

Vital information for a vital ecosystem service

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• InterAmerican Biodiversity Information Network
• Pollinators Thematic Network
• Funded by GEF/WB/OAS
  – 2006-2011 (Sept)
PTN Consortium

- Pollinator Partnership
  - San Francisco, CA
- Universidade de São Paulo
  - São Paulo, Brazil
- Integrated Taxonomic Information System
  - Washington, D.C.
- National Biological Information Infrastructure
  - Reston, VA
Create a **network of** pollinator databases that share **pollinator-related content** through common data standards and exchange protocols.
Tools and Products

- Biodiversity Data Digitizer
Biodiversity Data Digitizer

- Rich data content
- Supports spreadsheets
- Standards
  - DwC, DC, AC ...
- TAPIR link
Tools and Products

- Pollinator Data Portal
  - Based on GBIF portal
  - Specimen data
  - Interaction data
  - Experts data
Specimen Interaction

Pollinators Information Network, IABIN – PTN - Architecture

PTN Data Portal

Specimens in Collections
Pollinator & Pollination Contacts Database
Pollinator-plant Interaction

IABIN – PTN Specimen data providers
UNMisiones
Argentina
UFMA
Brazil
IB-USP
Brazil
IABIN – PTN Interaction data providers
RAAA
Peru
UdlAP
México
USC
Guatemala
SalvaNativa
El Salvador
IABIN-PTN Architecture
A.Saraiva v.1.9

UNMisiones
Argentina
UFMA
Brazil
IB-USP
Brazil
IABIN – SSTN
Costa Rica
UFPe
Brazil
SpeciesLink
CRIA-Brazil
8 Collections
GBIF
USA
A.Guyra
Paraguay
STRI
Panama

Specimen

Interaction
Tools and Products

- Pollinator and Pollination Contacts Database
  - 200 + and growing
- To be adopted by FAO
PTN People Network: what makes the difference
Services

- 4 Training Courses
- Reviewed and managed data content from 16 grantees
- Provided help desk and support to all grantees
Digitization Training Course

Panama

Brazil
Pollinator Data Content
Grantees

- 16 IABIN Grants provided for data content
- 12 institutions
- 11 countries:
  - Argentina, Brazil, Chile, Colombia, Ecuador, El Salvador, Guatemala, Mexico, Panama, Paraguay, Peru
PTN Data Providers

- IABIN Grants Data providers
  - 244k specimen records
  - 75K+ interaction records digitized

- SpeciesLink network (Brazil):
  - 8 collections
  - 196k specimen records

- GBIF data (via US GBIF node)
  - ~800k records

- Total
  - 1240k specimen records
  - 75k+ Interaction records
PTN People Network

- Strong relationship
- Collaboration
- Data digitizing and sharing culture
- Willingness to develop other projects
- Builds on IABIN “brand”
- Time consuming but essential
PTN Development team

- Worked remotely most of the time US and Brazil
- Very limited budget (180k)
- But
  - Strong collaboration and commitment
- Able to obtain support from other funding sources
Pollinators of the Americas
Project Data Distribution

Nov. 5, 2006
~90,000 specimens &
Observations
(Source: L. Speers, GBIF)

Aug. 18, 2009
281,037 specimens &
observations (Source: IABIN PTN Portal)