



Strengthening GBIF Philippines

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Background

- ❑ BIFA Funded Project Implemented by Biodiversity Management Bureau (PhilBIF) of DENR (15K Euro)
- ❑ ASEAN Center for Biodiversity (ACB) as co-implementer of the project
- ❑ Project duration is from June – December 2016





Objectives:

- ❑ facilitate the organization and sharing of available biodiversity data collected and recorded by various organizations in the Philippines;
- ❑ align the data formats and mobilize data from surveys conducted by various academic, research and non-government organization to support the science-policy needs of the country ;
- ❑ enhance the data publishing capacities of BIOWEB partners and BMB Informatics personnel.





Project Implementation

- ❑ Two(2) batches of capacity building activities participated by 60 Scientists and IT experts from 20 institutions conducted within the project duration (June and October 2016);
- ❑ 3rd batch for 10 more partner institutions was conducted after the project duration as part of the project calendar (March 2017)
- ❑ Training materials, presentations and exercises derived from the GB22 Nodes Training Event in Madagascar and Bio Informatics Training in Taiwan were customized to suit the needs of the participants based on preparatory survey conducted





Project Implementation

- Topics discussed in the training:
 - ✓ benefits of data publishing (sharing)
 - ✓ data transformation process
 - ✓ mapping different data types
 - ✓ Darwin Core Standard
 - ✓ Integrated Publishing Toolkit (IPT)
 - ✓ publishing various data types to GBIF and
 - ✓ data visualization using GBIF available data
- IPT Facility for the training was provided by ACB
- Training included hands-on exercises





Project Outputs

- 7 BIOWEB partner institutions were endorsed and registered as GBIF data publishers:
 1. Institute of Biological Sciences, **University of the Philippines Los Banos**
 2. **Mindanao State University** (Tawi-Tawi)
 3. Practical Genomics Laboratory, Technologies for Biodiversity Use and Conservation, Center for Natural Science and Environmental Research, **De La Salle University**
 4. **RB Gonzales Museum of Natural History**
 5. Biodiversity and Resources Management Program, Cordillera Studies Center, **University of the Philippines Baguio**
 6. Conservation Development Division - **DENR CAR**
 7. **Palawan State University**





Project Outputs

- Expansion of the Phil-CHM with additional partners (UP-Baguio and DENR-CAR) signing the MOA expanding the Phil GBIF network;

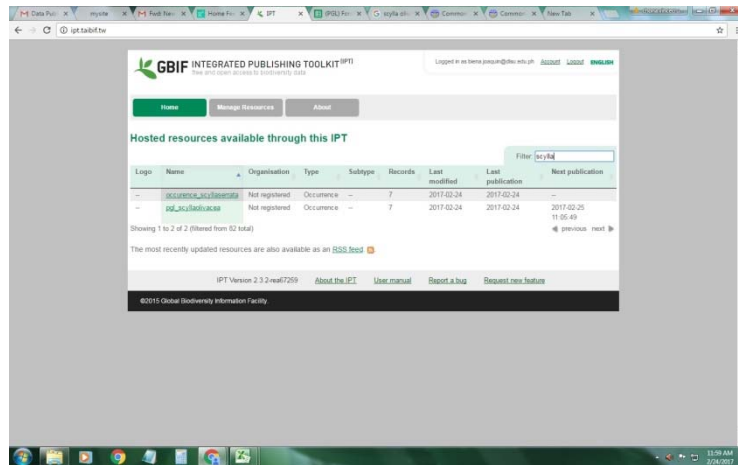


- Operationalization of the BMB IPT Facility to be used by BIOWEB partners in publishing data to GBIF; (URL: <http://146.88.74.172:8080/ipt>);
- Biodiversity data published in GBIF (expected to have a continuous rise this year);
- Preparation and submission of Midterm (EO July 2016) and Final Reports (EO December 2017)

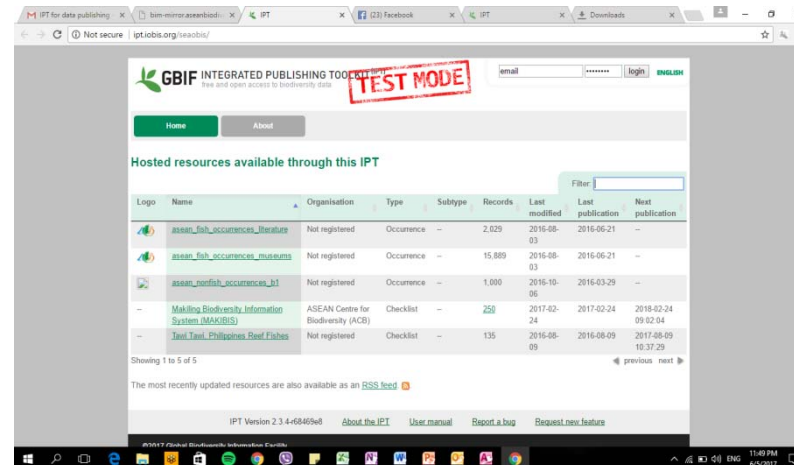




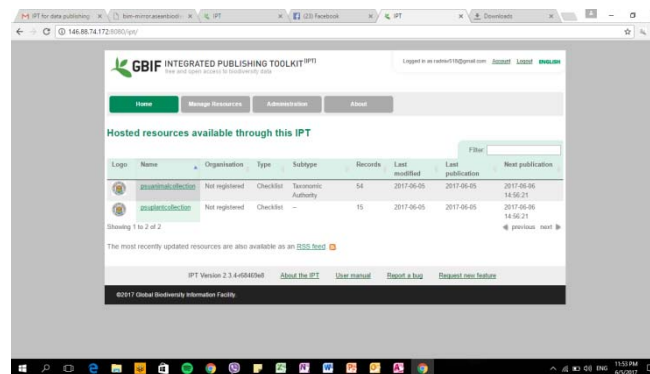
Data Published



Screenshot of data published by De La Salle University using TaiBIF IPT



Screenshot of data published by UP-Los Banos using ACB IPT



Screenshot of data published by Palawan State University using BMB IPT



Photos (1st Batch)



Mentoring conducted last June 20-24, 2016 (1st Batch)
with Belgian Trainers





Photos (1st Batch)



Mentoring conducted last June 20-24, 2016 (1st Batch)





Photos (2ND Batch)



Mentoring conducted last October 10-14, 2016 (2nd Batch)





Photos (2ND Batch)



Mentoring conducted last October 10-14, 2016 (2nd Batch)





Photos (3rd Batch)



Mentoring conducted last March 28-31, 2017 (3rd Batch)





Photos (3rd Batch)



Mentoring conducted last March 28-31, 2017 (3rd Batch)





Photos (UP-Baguio)



Mentoring conducted last February 10-11, 2017 for the CHED-Funded PABIDACO project





Challenges

- Organizational Clearances and authority to Publish Data;
- Lack of protocol/guidelines to standardize and digitize data/collection;
- Lack of manpower to organize, standardize and publish existing data;
- Poor/non availability of internet connectivity;
- Lack of IPT facility





Next Steps

- Continuous provision of technical assistance;
- Maintenance of IPT facility;
- Linkages with other organizations;
- Cascading of tools and technology to DENR regional offices;
- Monitoring of progress in data publishing
- Source funding for other regional offices





Thank you...

