

Philippine Atlas of Biodiversity

Introduction

A small group of the Philippines

- Riza Batista-Navarro, PhD (School of Computer Science, University of Manchester)
- Roselyn Santos-Gabud, PhD candidate(Computer Science , UP Diliman)
- Brandi Quijano, MS candidate(candidate(Computer Science , UP Diliman)

Welcome to

Philippine Atlas of Biodiversity

a platform for managing biodiversity data collected in the Philippines





The Philippine Atlas of Biodiversity (PhAB)

is a biodiversity information platform implemented using the Atlas of Living Australia (ALA) e-infrastructure.

PhAB aims to support comprehensive collaborative research, environmental monitoring, information dissemination, biosecurity activities, and long-term conservation planning. This aids in educating the Filipinos both in-school and out-of-school on the state of the Philippine biodiversity and on the importance of an individual's contribution to conservation efforts. PhAB provides online access to information about the Philippines mega-diverse resources enabling high quality research and innovation outcomes to address national and global challenges. The information displayed in PhAB is collected from

COPIOUS

The deployment of PhAB is one of the outputs of the COnserving Philippine bIOdiversity by Understanding big data (COPIOUS)⁴ project

a collaborative project between the **University of Manchester** and the **University of the Philippines** through the Newton Fund Institutional Links collaboration.



⁴ <http://nactem.ac.uk/copious/>





Future Work

In the future, aside from adding existing ALA modules, we also plan to include the following components to PhAB:

Occurrence records

Advanced search

Quick search

Customise filters

2,272 results for [all records]

Download

Narrow your results

- Taxon
- Occurrence
- Record
- Attribution

Records

Map

Charts

Record images

perpage: 20 sort: Date added order: Descending

Species: *Rhodactis inchoata* **Carlgren, 1943** Date: 2013-02-02 Country: Philippines
Institution: INaturalist Collection: Observations Basis Of Record: Human Observation Catalogue Number: Observations:1865769 [View record](#)

Species: *Amplexidiscus fenestrafer* **Dunn & Hamner, 1980** Date: 2018-10-30 Country: Philippines
Institution: INaturalist Collection: Observations Basis Of Record: Human Observation Catalogue Number: Observations:18120224 [View record](#)

Species: *Entacmaea quadricolor* (**Leuckart in Rüppell & Leuckart, 1828**) | **Bubble-tip anemone** Date: 2012-01-07 Country: Philippines
Institution: INaturalist Collection: Observations Basis Of Record: Human Observation Catalogue Number: Observations:1861364 [View record](#)

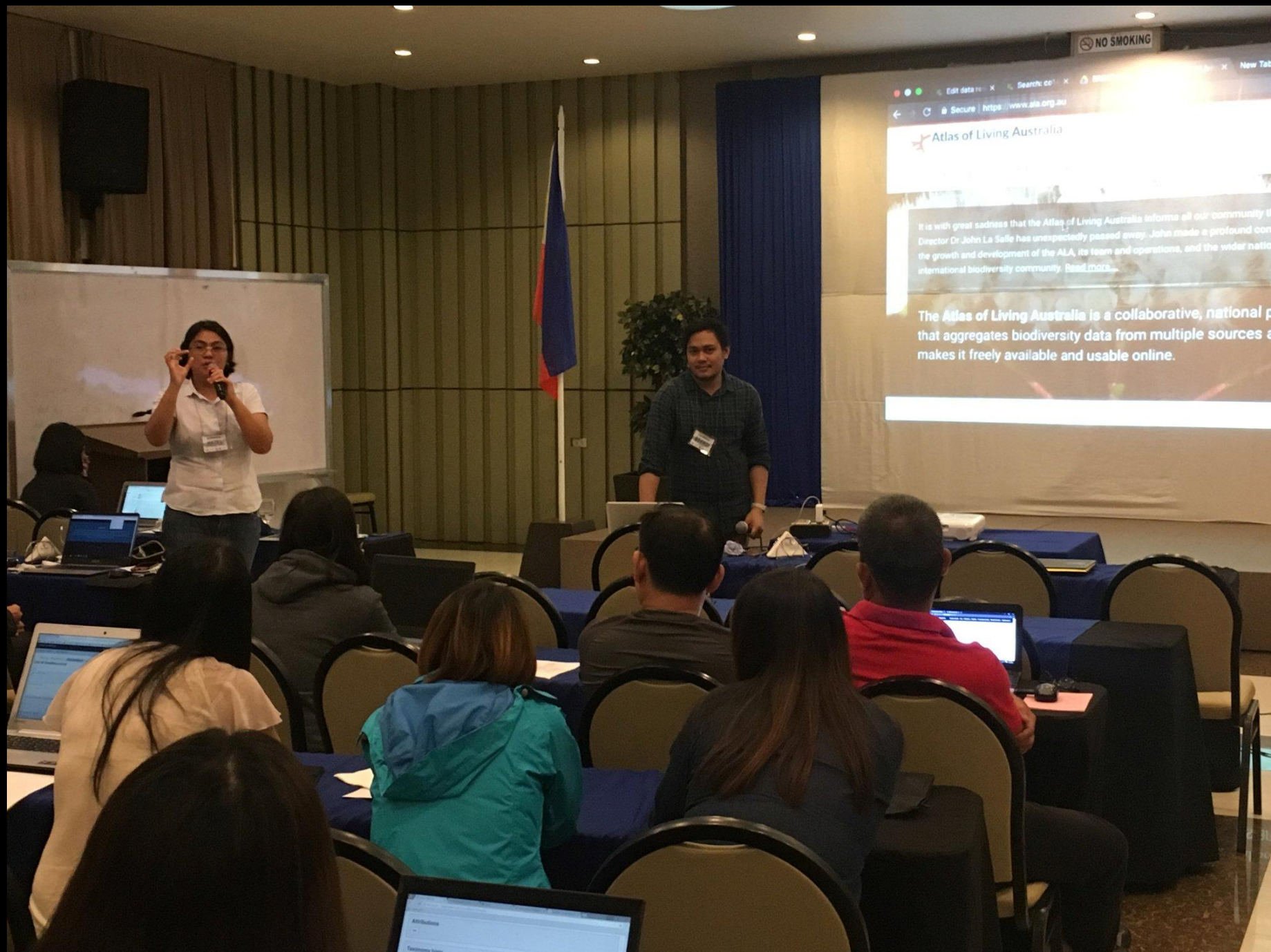
Species: *Porites cylindrica* **Dana, 1846** | **hump coral** Date: 2015-05-07 Country: Philippines
Institution: INaturalist Collection: Observations Basis Of Record: Human Observation Catalogue Number: Observations:1490270 [View record](#)

Species: *Euphyllia paraancora* **Veron, 1990** Date: 2012-01-15 Country: Philippines
Institution: INaturalist Collection: Observations Basis Of Record: Human Observation Catalogue Number: Observations:1887306 [View record](#)

Species: *Stichodactyla mertensii* **Brandt, 1835** | **Merten's sea anemone** Date: 2018-04-22 Country: Philippines
Institution: INaturalist Collection: Observations Basis Of Record: Human Observation Catalogue Number: Observations:15841828 [View record](#)

Species: *Cavernularia obesa* **Valenciennes in Milne Edwards & Haime, 1850** Date: 2016-05-23 Country: Philippines
Institution: INaturalist Collection: Observations Basis Of Record: Human Observation Catalogue Number: Observations:13445890 [View record](#)

Species: *Gorgonia abies* **Linnaeus, 1758** Date: 2010-06-23 Country: Philippines
Data Resource: Corals Of The Philippines Basis Of Record: Human Observation [View record](#)



Feedback

- Generally, they had positive feedback on how to use the system esp. the spatial module
- However, the main challenge to deploy an instance is the availability of a very powerful server.
- Considering for a long term plan, a lite version would be more preferred.