INTRODUCTION OF SEABCRU-HNHM BIFA PROJECT

HIGH BAT DIVERSITY IN SE ASIA
LACK OF BAT SPECIES DATA IN GBIF (GLOBAL BIODIVERSITY INFORMATION FACILITATE)

**SE Asia vs. Global**

Bat species 340/1,400 (24.3%)

Data coverage: 46k/ 2 M (2.3%)*

*Records with unknown family are excluded*
BAT CALLS CONTAIN SPECIES INFORMATION

Fawn leaf-nosed bat (*Hipposideros cervinus*)

Adrià López-Baucells (CC by NC 4.0)
UNEXPLORED DATA SOURCES

Asian Bat Call Database
- Species occurrence data attached with reference recordings of bat calls

SEABCRU database
- 40k clean data from literatures, museums & GBIF
- 2,000-2,500 new data from ABCD

Formatting
- DwC
- GUANO
- CC-BY license
- Unique identifier
- ABCD sharing policy
- SEABCRU policy

c. 3,900 records from 11 SE Asian countries to GBIF from 2007-2019
PROJECT OBJECTIVES

• Short-term
  1. To assemble existing species data embedded in acoustic recording
  2. To identify the current data gaps

• Long-term
  1. To facilitate implementation of acoustic techniques to support bat biodiversity research
  2. To develop sustainable relationships between country- and region-based databases with the GBIF platform.
WHY DO YOU NEED TO DO THIS?

1. Publications (two data papers)
2. An additional backup
3. Most of us has gaps in our collections, but everyone expects call classifiers
4. Gain experience in publication on GBIF. To facilitate you (your students) to publish your species occurrence data
5. We can ask questions related acoustics further
2019 July 28, Phuket, Thailand

IBRC data quality control workshop
(https://ibrc2019.com/draft-schedule/)

2019 November, Malaysia

Main workshop on data assembling

2020 January, online

Webinar training on data assembling
THANK YOU!

Hipposideros lekaguli
Joe Chun-Chia Huang (CC BY-NC 4.0)