



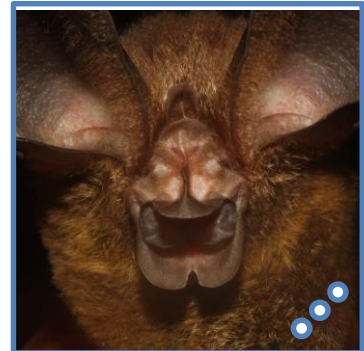
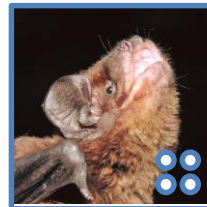
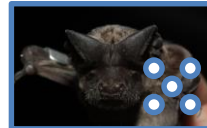
Biodiversity Information  
Fund for Asia (BIFA)

# INTRODUCTION OF SEABCRU-HNHM BIFA PROJECT

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# HIGH BAT DIVERSITY IN SE ASIA

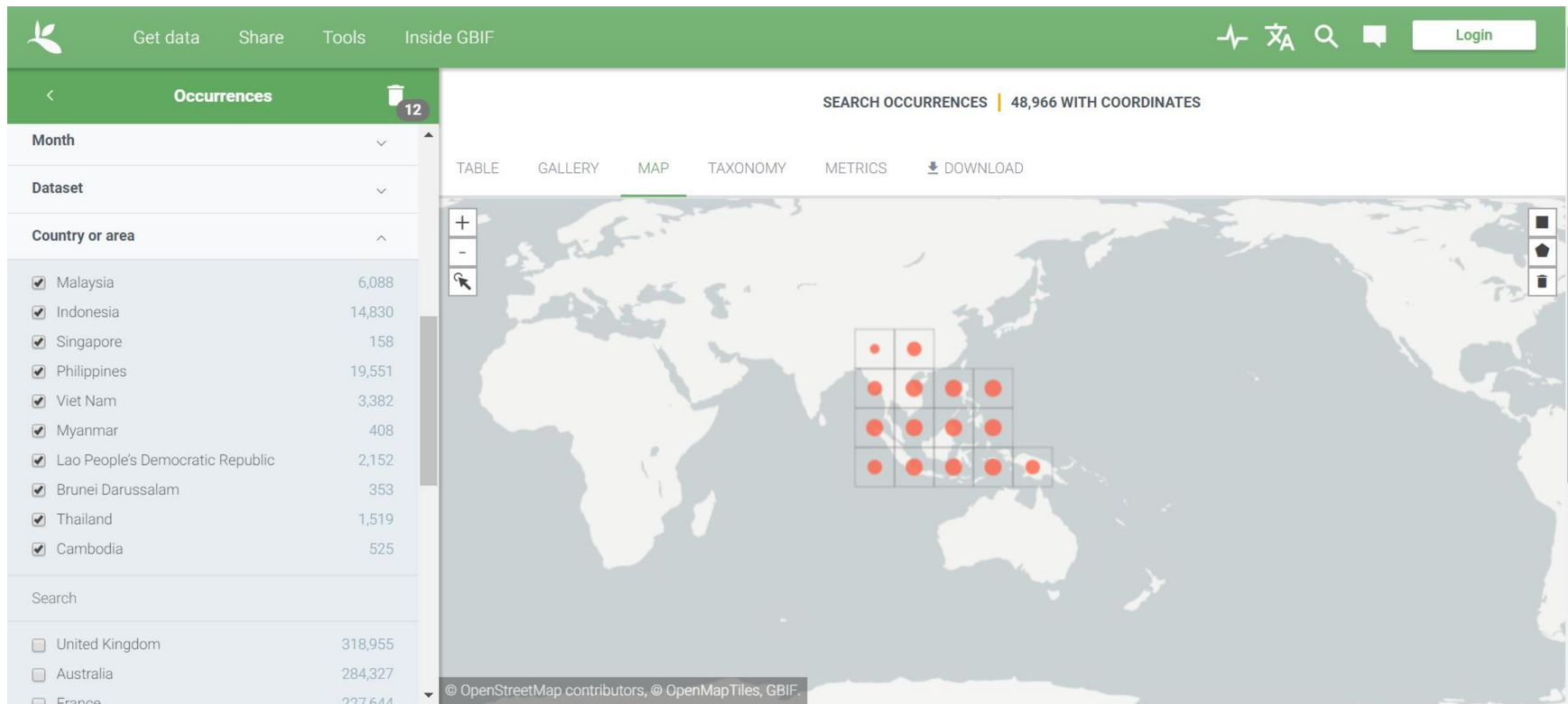


# LACK OF BAT SPECIES DATA IN GBIF (GLOBAL BIODIVERSITY INFORMATION FACILITATE)

## SE Asia vs. Global

Bat species 340/1,400 (24.3%)

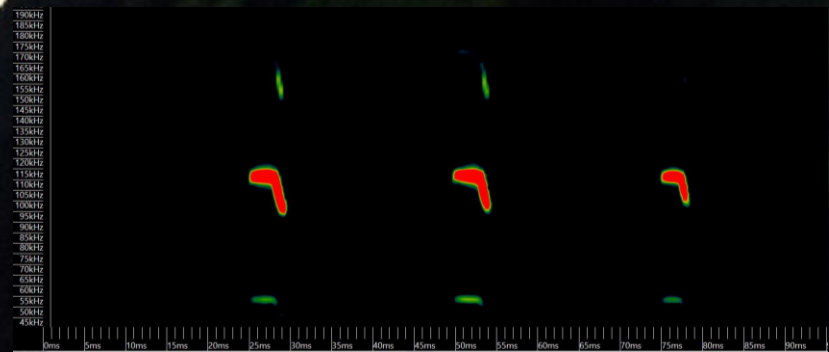
Data coverage: 46k/ 2 M (2.3%)\*



\*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



## Formatting

- DwC
  - GUANO
- 
- CC-BY license
  - Unique identifier
  - ABCD sharing policy
  - SEBACRU policy



## Asian Bat Call Database

- **Species occurrence data attached with reference recordings of bat calls**



## SEBACRU database

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



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

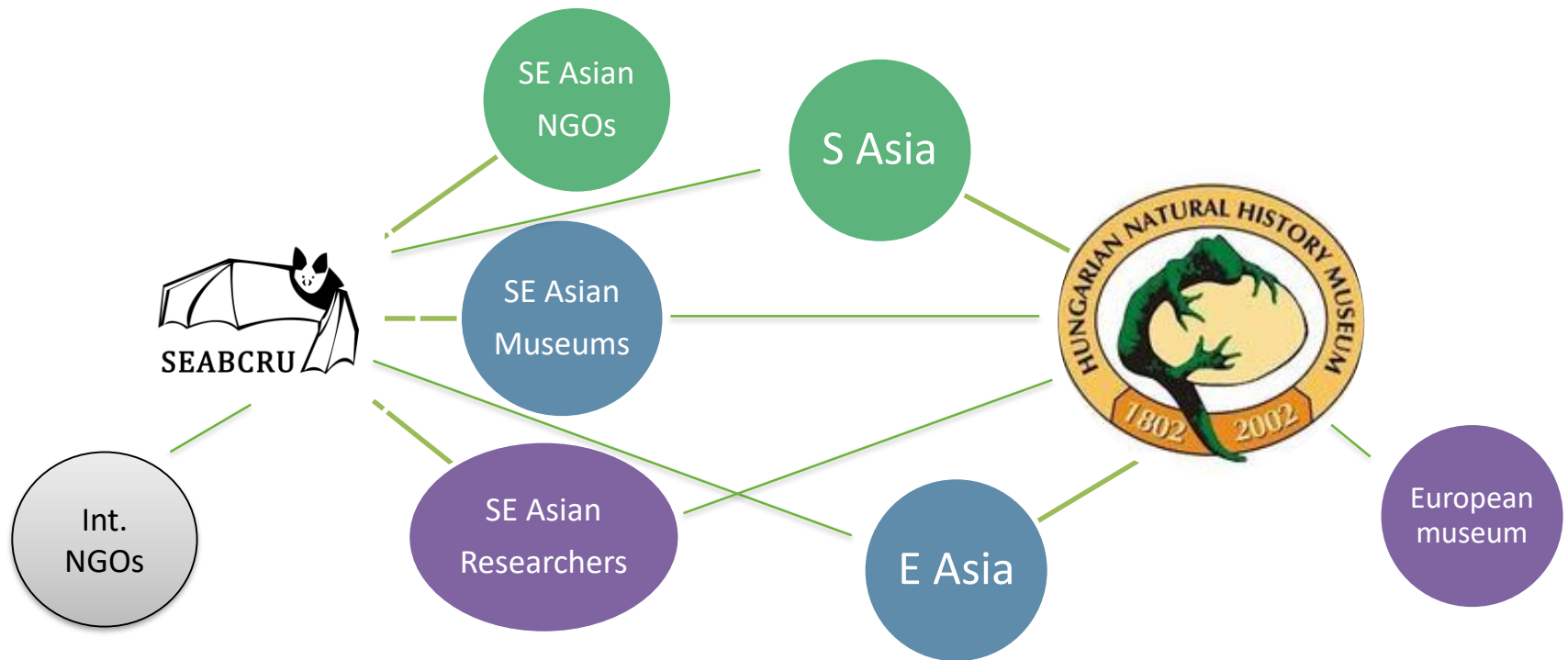
# PROJECT OBJECTIVES

- 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

# PROJECT NETWORK





# MAIN WORKSHOP- UKM, MY, NOV 29-DEC 1ST 2019

2019 July 28, Phuket, Thailand

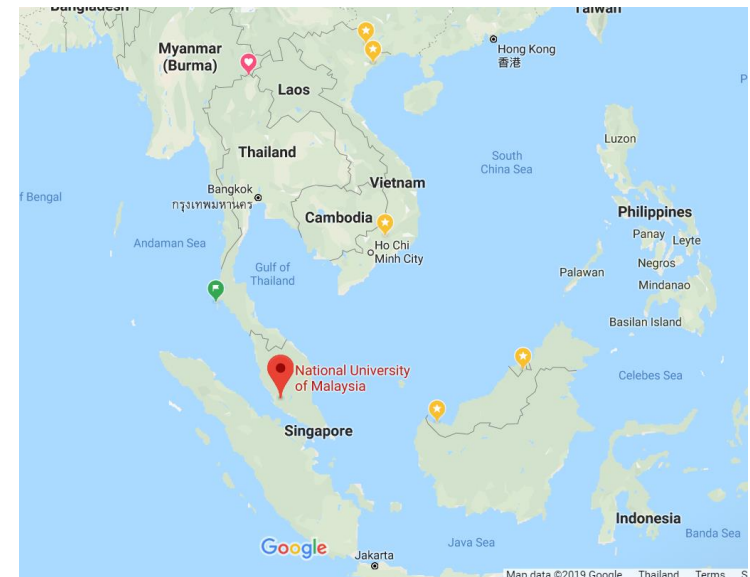
IBRC data quality control workshop  
(<https://ibrc2019.com/draft-schedule/>)

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)