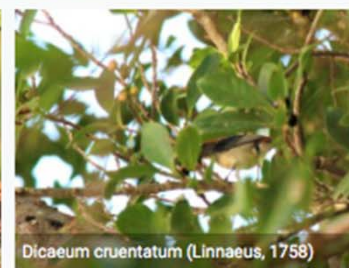
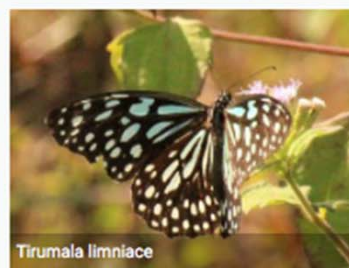
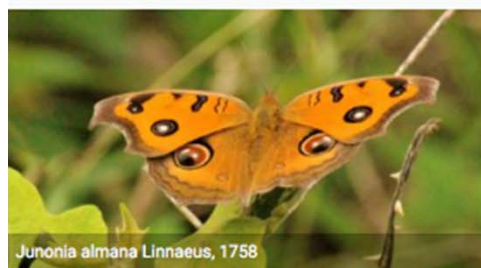




Global Biodiversity
Information Facility

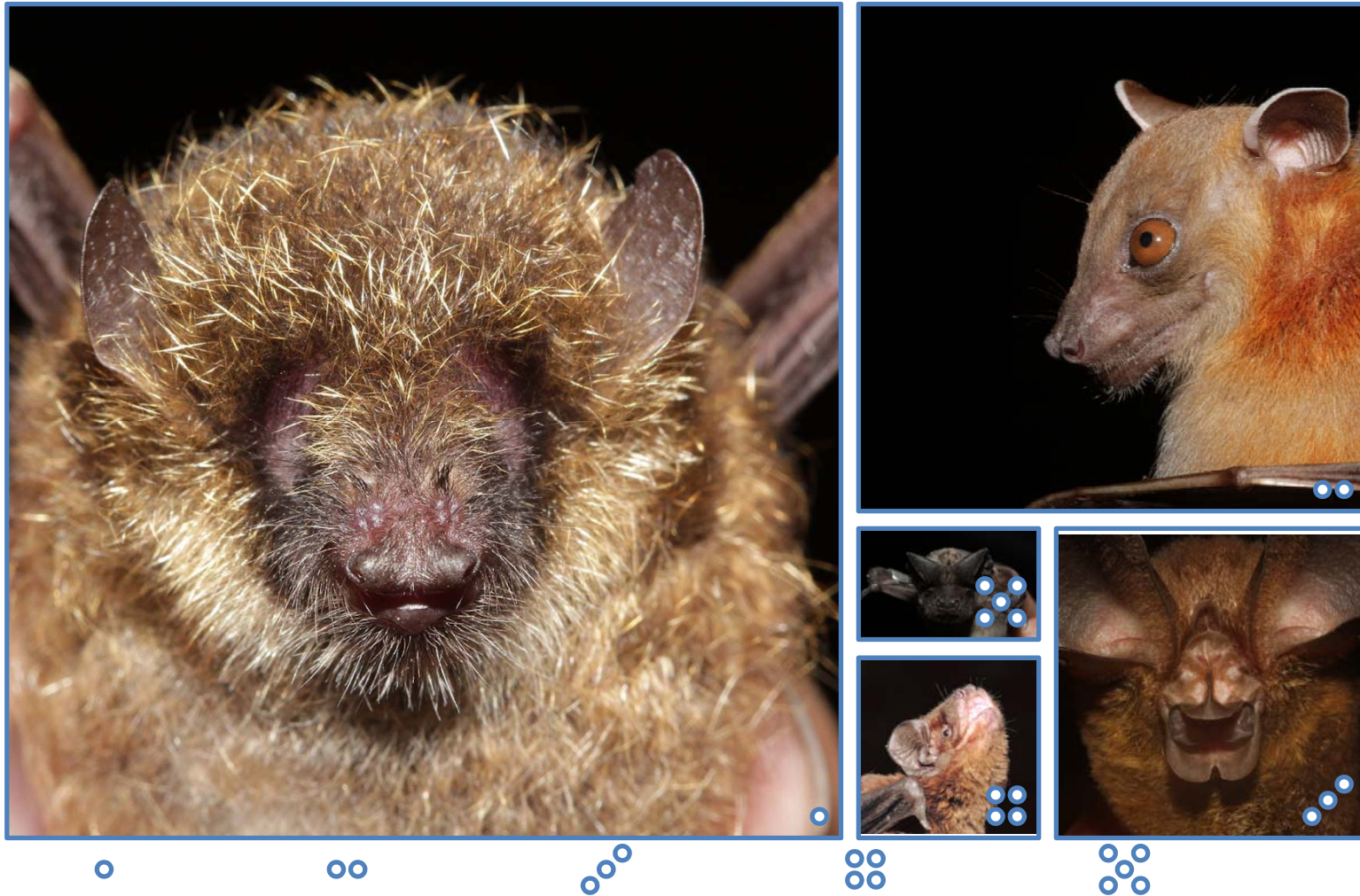
Biodiversity Information Fund
for Asia (BIFA)



Implementation of acoustics to fill the gaps of bat biodiversity information for Southeast Asia

Joe Chun-Chia Huang– National University of Malaysia (Universiti Kebangsaan Malaysia)

HIGH BAT DIVERSITY IN SE ASIA

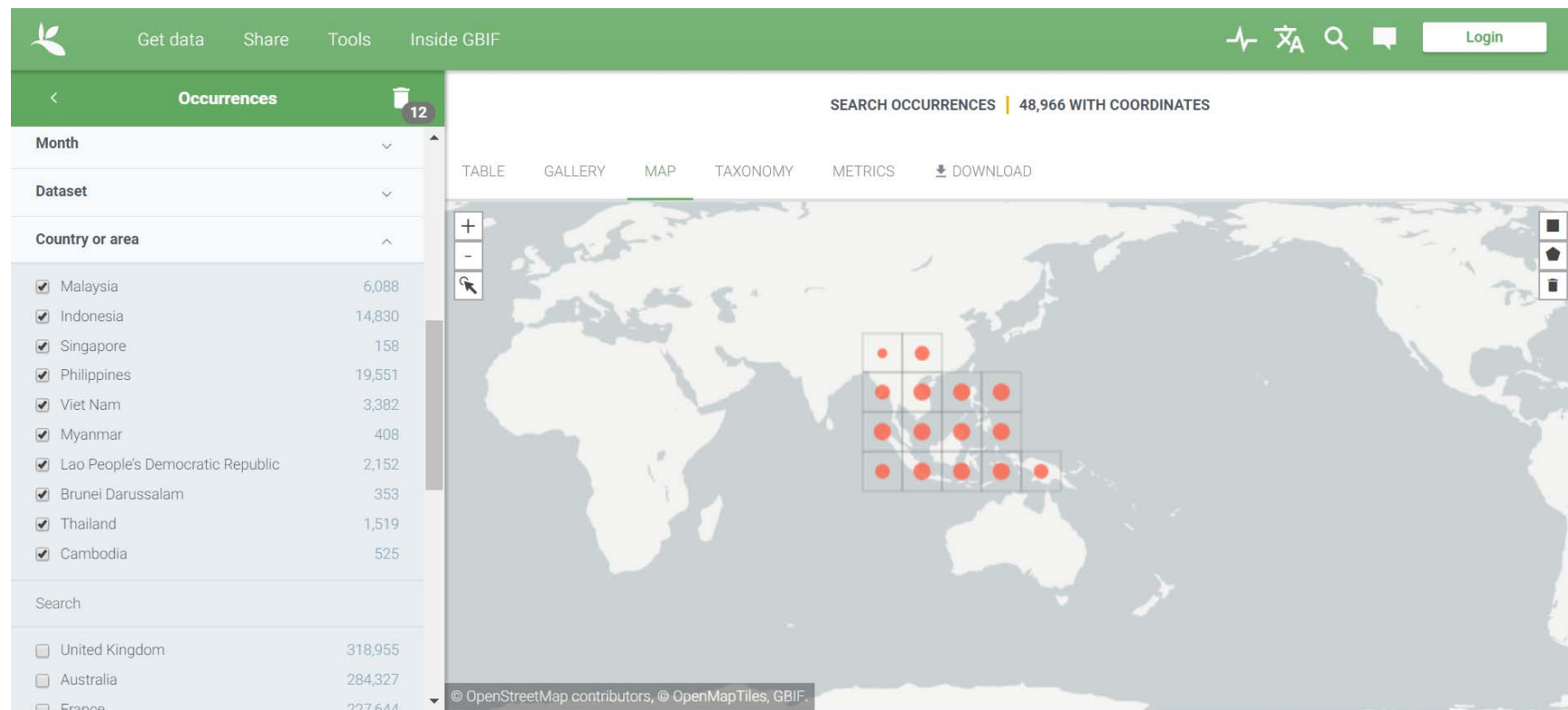


LACK OF BAT SPECIES DATA IN GBIF

SE Asia vs. Global

Bat species 340/1,400 (24.3%)

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



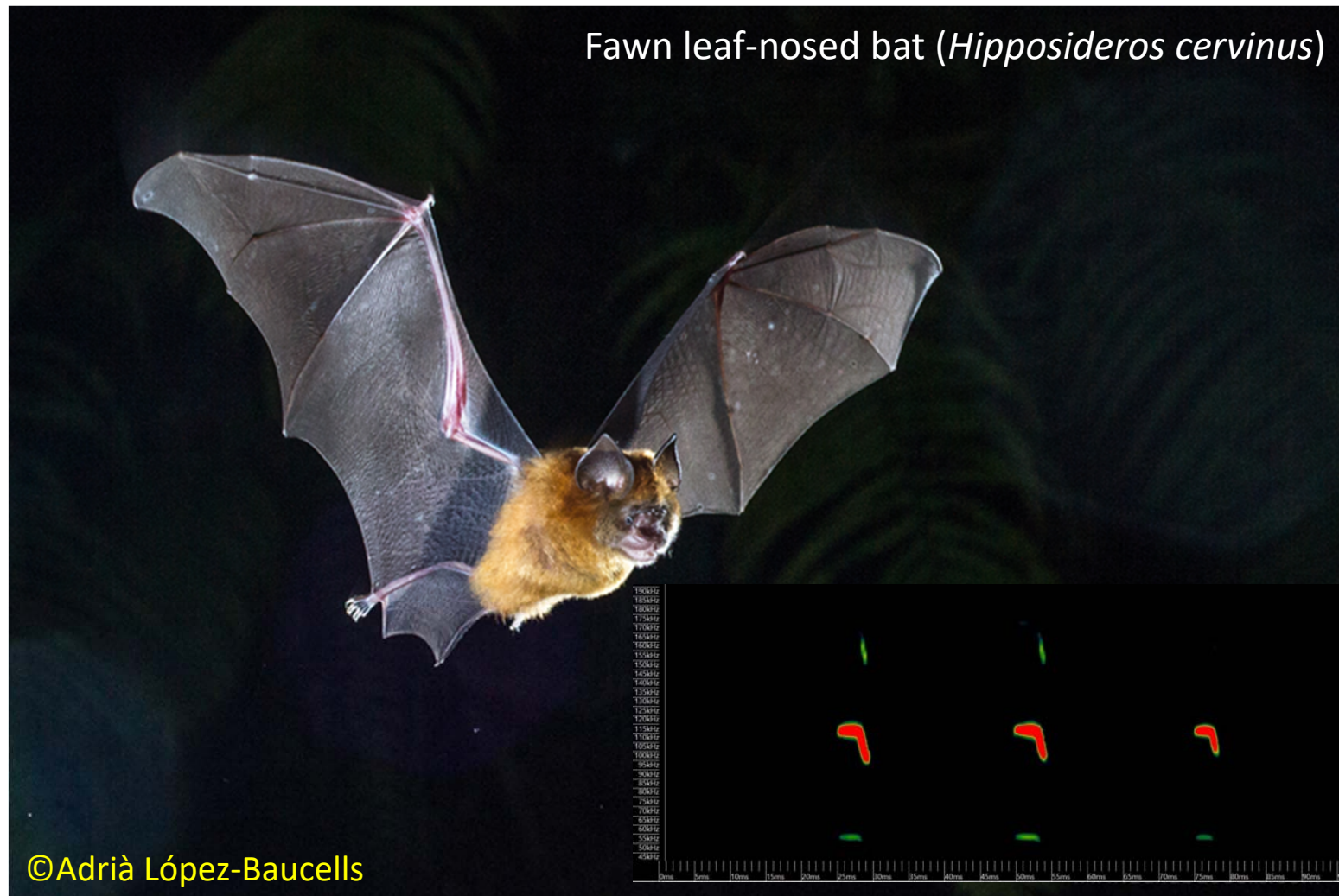
*Records with unknown family are excluded

PROJECT OBJECTIVES

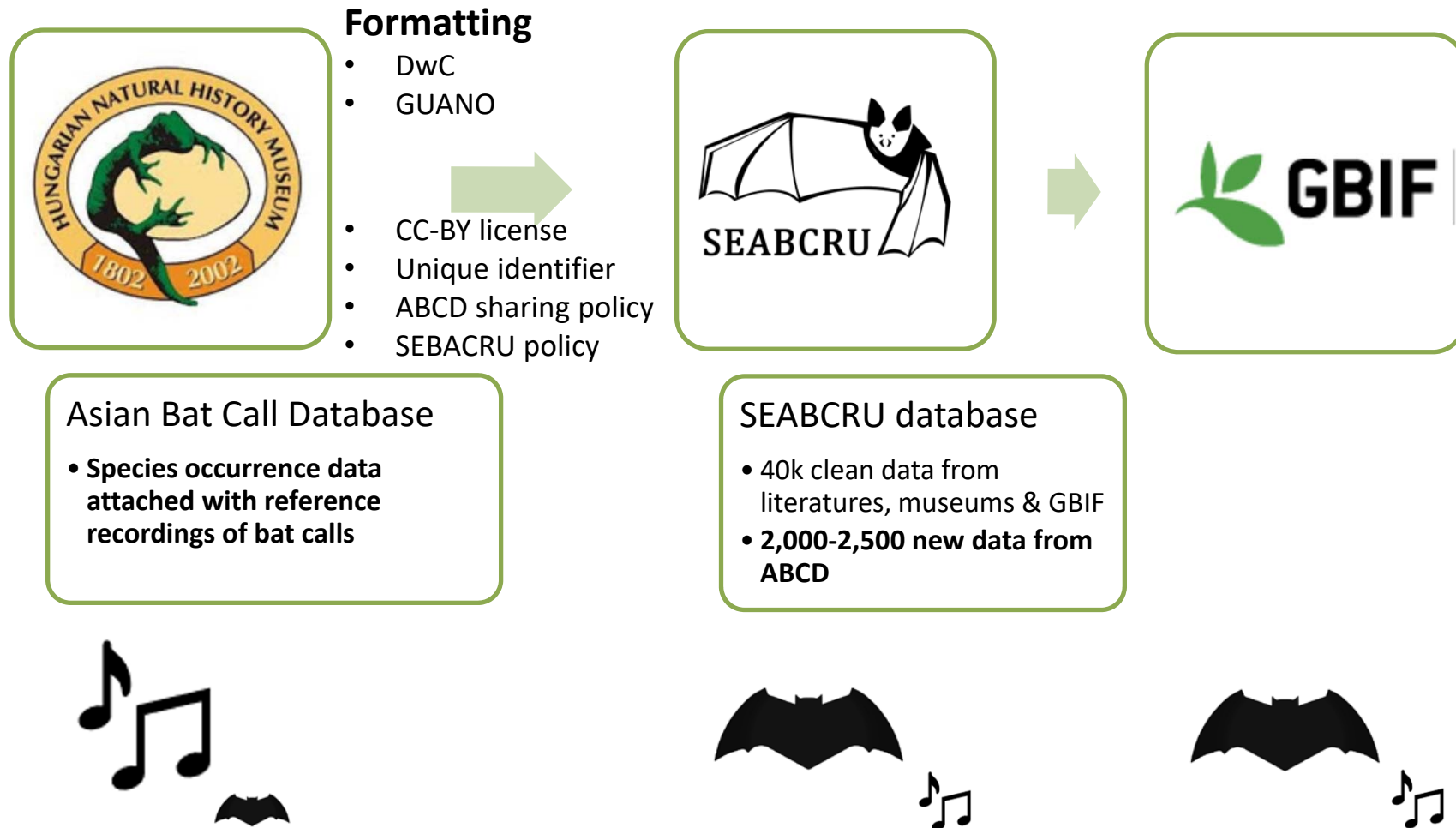
- Short-term
 1. To assemble existing species data embedded in acoustic recording
 2. To identify the current data gaps

- 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.

BAT CALLS CONTAIN SPECIES INFORMATION

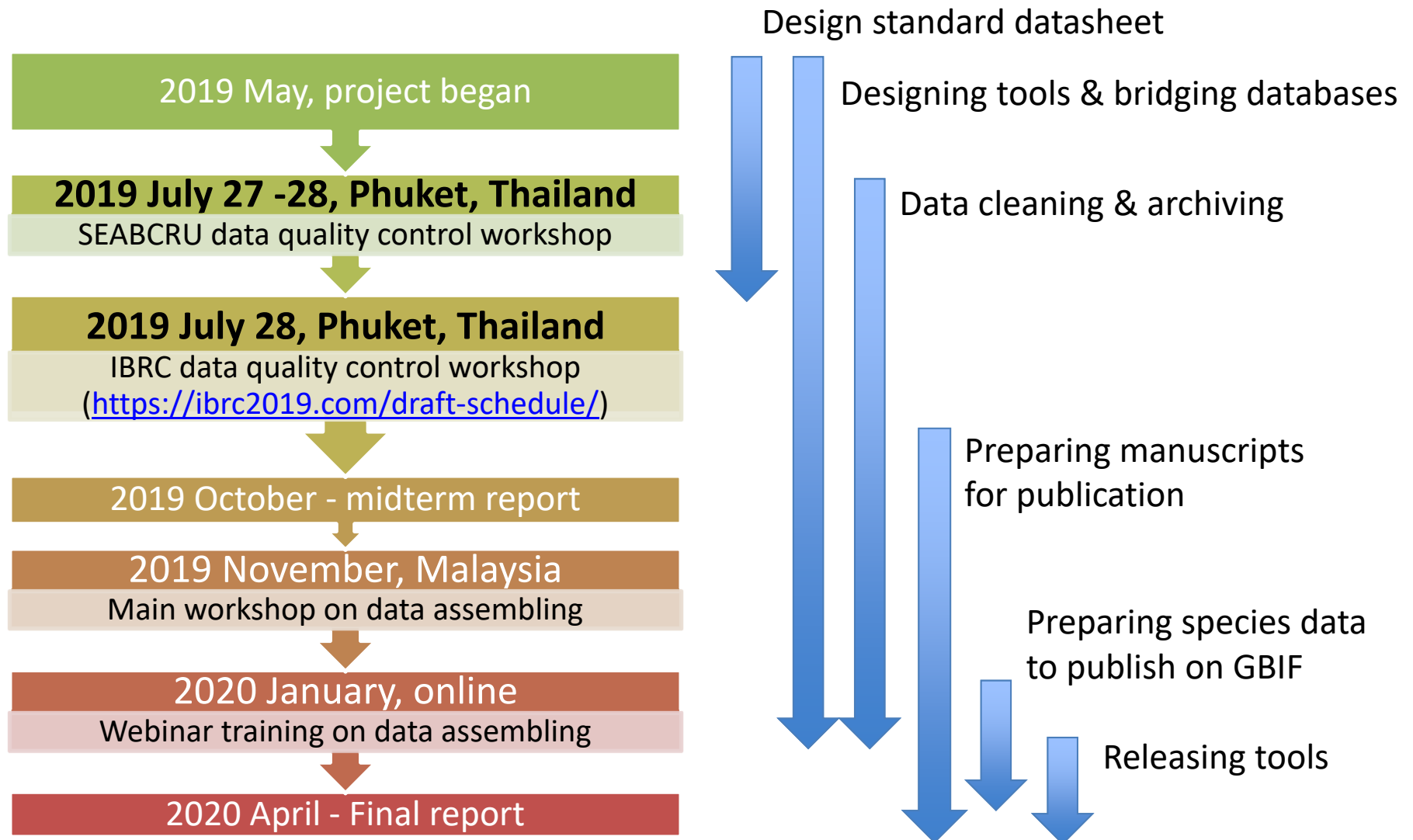


DATA SOURCES

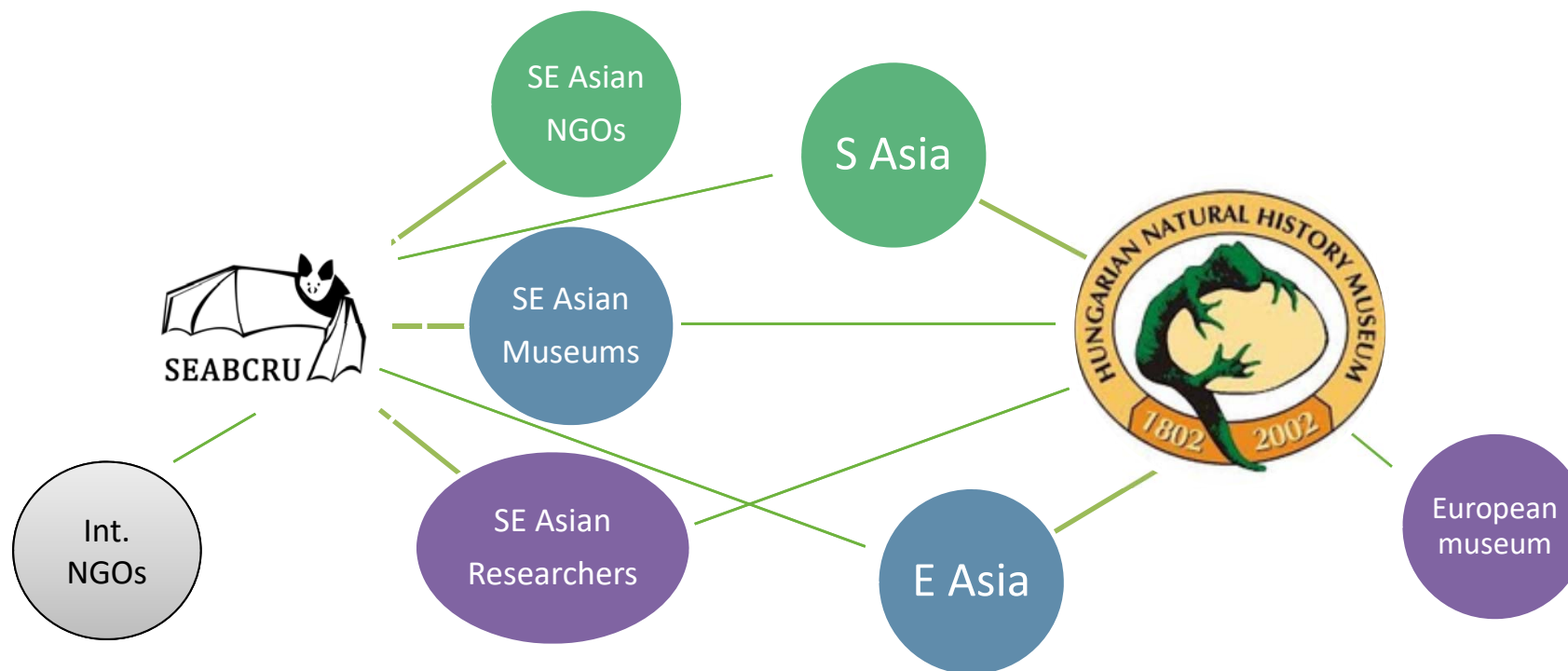


c. 3,900 records from 11 SE Asian countries to GBIF from 2007-2019

PROJECT TIMELINE



PROJECT SUSTAINABILITY



- ABCD is fund for 2019-2021
- Independent projects by partners
- Proposals for new funding are preparing
- Developing call classifiers to acquire species data