

## REPORT OF BIFA project team - WORKSHOP

### Workshop on Data Mobilization of Indonesian Butterfly Collections at Zoology Division “Museum Zoologicum Bogoriense”, Research Center for Biology, Indonesian Institute of Sciences (LIPI)

Our one-day workshop was held on Monday, 24 February 2020, from 8.30 am until 3.15 pm local time, at the seminar room, Zoology Division, Research Center for Biology, Indonesian Institute of Sciences (LIPI)

About 45 persons attended the workshop, which consist of invited butterfly enthusiasts, students, one representative of each laboratory within Zoology Division, and the organizers.

#### Organizers (team of the BIFA project):

Djunijanti Peggie, Awit Suwito, Danny Fadhillah, Fatimah, Rina Rachmatiyah, Sarino, Meli Agustina, Wilma Imanuelia, Abelia Cinkatari, Shinta Wardani, M. Rasyidi & Supadi.

#### Partner:

Dr. Christoph Häuser of Museum für Naturkunde Berlin & Tina Loo of Naturalis Biodiversity Center Leiden.

The workshop was started with a welcoming talk by Dr. Cahyo Rahmadi, the head of Zoology Division, Research Center for Biology, Indonesian Institute of Sciences (LIPI) and opened officially by Dr. Atit Kanti, the director of Research Center for Biology, Indonesian Institute of Sciences (LIPI).

Introduction of organizers and participants took place after the opening, and was followed by a photo session and coffee break.



Presentation was given by the team of the BIFA project, starting from the process of registering specimens into database which include sorting, identifying specimens, validating specimens, grouping specimens into geographic locations, giving MZB Lepi number and QR code label, entering data on specimen label into Excel datasheets, taking photographs of upperside and underside of male and female specimens, arranging specimens into drawers. The specimen data were then need to be mobilized. Data management includes interpreting data, mapping data into Darwin core, georeferencing, cleaning data, checking data, providing link of image to the datasheet, uploading data to InaBIF as the IPT and publishing dataset to GBIF. Participants were benefited also from a leaflet on the essentials of data mobilization workflow that

was prepared prior to the workshop. This leaflet was intended to facilitate a more effective transfer of information and it appeared to serve the purpose. To achieve the goal of public involvement in the form of citizen science, we invite participants to share the photographs of butterflies that they had taken at some localities within Indonesia. The photographs can be counted as occurrence of the butterfly species and can be published. The presentation session was followed by Question & Answer session.



Additional subject on mounting butterfly specimens was also given and participants were invited to try the process. Activities continued by involving participants to submit butterfly photographs and entry the information of when, where, who to the Excel datasheet. The entries will be processed, uploaded, and published to GBIF through InaBIF.

The workshop was completed by a visit to the insect collection room to look at butterfly specimens and to see the work space of BIFA project team.



This workshop was successfully conducted due to the support of Biodiversity Information Funds for Asia (BIFA) of the Japan's Ministry of Environment administered through Global Biodiversity Information Facility (GBIF) Secretariat and co-funded by Research Center for Biology, Indonesian Institute of Sciences (LIPI).