



Orientation Workshop on Mobilizing Biodiversity Data from ASEAN Protected Areas

4-8 July 2016



GBIF

Global Biodiversity
Information Facility



**ASEAN CENTRE
FOR BIODIVERSITY**



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PROGRAMME

Day 0 (Sunday , 3 July 2016) – Arrival of participants		
Day 1 (Monday, 4 July 2016)– Opening Program and Camera Trap Deployment, Orientation, Demo and Hands-On		
8:00 AM	Registration of Participants	Workshop Participants
8:15 AM	Welcome Remarks	Atty. Roberto V. Oliva ACB Executive Director
8:20 AM	Workshop Overview & Mechanics <ul style="list-style-type: none"> • Introduction of participants • Workshop Overview • Levelling of Expectations • Photo Op 	Dr. Sheila G. Vergara ACB
8:40 AM	The GBIF Facility <ul style="list-style-type: none"> • Introduction to GBIF and the GBIF biodiversity data publishing infrastructure 	Dr. Dag Endresen GBIF, Norway Node Manager
9:00 AM	Orientation on the use of Camera traps for Wildlife Monitoring <ul style="list-style-type: none"> • Use of Camera Traps in Biodiversity Research and Conservation (use of multimedia objects, use of camera trap data, examples of practical uses) • Planning a data collection system based on Camera trapping • Setting-up the Data Capture System in The Field (setting-up, configuration of camera, camera trap maintenance) • Grouping of participants and tasking • Group Exercise 1: Deployment of Camera 	Dr. Po-Jen Chiang Dr. Yu-Huang Wang Mr. Guan-Shuo Mai Workshop participants

	Traps	
10:15 AM	Coffee Break	
10:30 AM	Demo and Hands-On on Deployment of Camera Traps	Dr. Po-Jen Chiang Dr. Yu-Huang Wang Mr. Guan-Shuo Mai Workshop participants
12:00 NN	Lunch Break	
1:30 PM	Demo and Hands-On on Deployment of Camera Traps (Field site)	Dr. Po-Jen Chiang Dr. Yu-Huang Wang Mr. Guan-Shuo Mai Workshop participants
4:00 PM	Group reporting: Exercise 1 – Process employed in setting up the camera traps	Workshop Participants
5:00 PM	End of Day 1	
6:00 PM	Dinner at Makiling Lounge, SEARCA	
Day 2 (Tuesday, 5 July 2016) – Overview of Information Interoperability and the Darwin Core for Species Database Management		
8:00 AM	Results of Pre-workshop survey	Ms. Lilibeth R. Cabebe ACB
8:20 AM	Data Interoperability for Biodiversity Conservation	Sheila G. Vergara ACB
8:50 AM	The GBIF Facility <ul style="list-style-type: none"> • What is the GBIF Integrated data Publishing Toolkit (IPT) • Data profiles in GBIF at rs.gbif.org • Occurrence, Event and Taxon cores • Darwin Core archives, data exchange format 	Dr. Dag Endresen GBIF- Norway Node Manager
9:20 AM	Lecture: Orientation on new technologies evolving around Global Positioning System (GPS)	Mr. Jerome S. J. Alano, ACB
9:40 AM	Lecture and Demo - Processing of GPS data (e.g., KBA delineation/identification) Demo and Hands-On: Online Mapping Platform	Mr. Jerome S. J. Alano, ACB/ Workshop Participants
10:30 AM	Coffee Break	
10:45 AM	Darwin Core: Data Structure and Concepts	Mr. Christian B. Elloran ACB
11:05 AM	Lecture: Dynamics in Darwin Core	Ms. Lilibeth R. Cabebe

	Offline Encoding Interface	ACB
11:20 AM	Demo: Darwin Core Offline Encoding Interface	Mr. Carlos O. Callangan ACB
11:40 AM	Hands-On: Darwin Core Offline Encoding Interface	Workshop Participants/ACB
12:00 NN	Lunch Break	
1:00 PM	Hands-On: Darwin Core Offline Encoding Interface	Workshop Participants/ACB
2:00 PM	Demo and Hands-on: Species Bulk Harvesting and Processing	Ms. Erica T. Villavelez, ACB Workshop Participants
3:00 PM	Coffee Break	
3:15 PM	Demo and Hands-on: Species Bulk Harvesting and Processing	Ms. Erica T. Villavelez, ACB Workshop Participants
4:00 PM	Group Exercise 2: Species data harvesting and processing	Workshop Participants
4:45 PM	Presentation of Group Output	Workshop Participants
5:10 PM	Tasking – Retrieval of Camera traps and collection of GPS points	Dr. Yu-Huang Wang, TaiBIF Mr. Jerome Alano, ACB
5:30 PM	End of Day 2	
6:00 PM	Max Fried Chicken Restaurant	
Day 3 (Wednesday, 6 July 2016) – Retrieval, Management and Analysis of Camera Trap Data and Species Mapping		
8:00 AM	Field visit- MMFR – Retrieval of camera traps and collection of GPS points	Dr. Yu-Huang Wang, Dr. Po-Jen Chiang, Mr. Guan-Shuo Mai, TaiBIF Mr. Jerome Alano, ACB Workshop Participants
10:00 AM	Coffee Break	
10:15 AM	Data Management <ul style="list-style-type: none"> • Assigning file names for camera trap images • Quality control and quality enhancement of image collection • Archiving of data • Biodiversity data collection and management 	Dr. Yu-Huang Wang, Dr. Po-Jen Chiang, Mr. Guan-Shuo Mai, TaiBIF Dr. Dag Endresen, GBIF, Norway
12:00 NN	Lunch Break	
1:00 PM	Data Management <ul style="list-style-type: none"> • Dataset Metadata Management • Ecological Metadata Language (EML) • Publishing data paper (e.g. Pensoft Biodiversity Data Journal) 	Dr. Yu-Huang Wang, TaiBIF Dr. Dag Endresen, GBIF, Norway
3:00 PM	Coffee Break	
3:15 PM	Group Exercise 3: Mapping of	Workshop Participants

	Species (data points can be taken from camera trap data and GPS points collected)	Jerome Alano, ACB
4:30 PM	Group Reporting of Exercise 3	Workshop Participants
5:30 PM	End of Day 3	
6:00 PM	Dinner at ACB HQ	
Day 4 (Thursday, 7 July 2016) – Data Publication – Mobilizing Data from AHPs		
8:00 AM	Orientation on the IPT	Dr. Dag Endresen, GBIF, Norway
8:40 AM	Demo and Hands-On: Publishing metadata through the IPT	Mr. Dag Endresen, GBIF, Norway/ Mr. Christian Elloran, ACB Workshop Participants
9:40 AM	Demo on MyMatch!	Mr. Guan-Shuo Mai, TaiBIF
10:00 AM	Coffee Break	
10:15 AM	Demo and Hands-On: Publishing data through the IPT	Mr. Dag Endresen, GBIF, Norway/ Mr. Christian Elloran, ACB Workshop Participants
12:00 NN	Lunch Break	
1:00 PM	Demo and Hands-On: Publishing data through the IPT (Continuation)	Mr. Dag Endresen, GBIF, Norway/ Mr. Christian Elloran, ACB Workshop Participants
3:00 PM	Coffee Break	
3:15 PM	Demo and Hands-On: Publishing data through the IPT (Continuation)	Mr. Dag Endresen, GBIF, Norway/ Mr. Christian Elloran, ACB Workshop Participants
4:00 PM	Open Forum	Workshop Participants/Consultants
5:00 PM	End of Day 4	
6:00 PM	Dinner at Palaisdaan	
Day 5 (Friday, 8 July 2016) – Planning for Next Steps and Closing Program		
8:00 AM	Recap of Days 1-4	Ms. Lilibeth R. Cabebe ACB
8:10 AM	Demo: Species in Protected Areas Tool	Mr. Christian Elloran, ACB
8:30 AM	Publishing Data Paper	Dr. Dag Endresen, GBIF, Norway
9:30 AM	Planning for next steps in AHP Biodiversity Information Management	Workshop Participants/ Dr. Dag Endresen, GBIF, Norway Dr. Yu-Huang Wang, TaiBIF Dr. Sheila Vergara, ACB
10:15 AM	Coffee Break	
10:30 AM	Workshop Synthesis	Dr. Sheila Vergara, ACB
11:00 AM	Closing Program <ul style="list-style-type: none"> • Response from participants • Awarding of Certificates • Closing Remarks 	Workshop Participants/ACB
12:00 NN	Lunch Break	
1:00 PM	Tour around Los Banos and Nuvali/Tagaytay	
6:00 PM	Dinner in Tagaytay Highlands	