

Biodiversity Information Fund for Asia (BIFA)

































Digitizing and data basing specimens of the Sumatran Flora deposited at Herbarium Universitas Andalas (ANDA)-Part 2

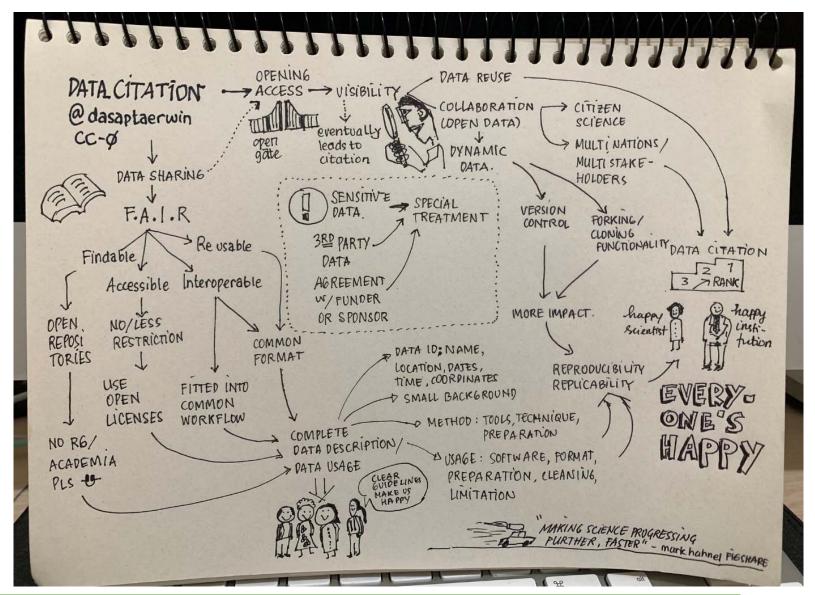
Ahmad Taufiq- Herbarium of Universitas Andalas

GREETINGS FROM PADANG



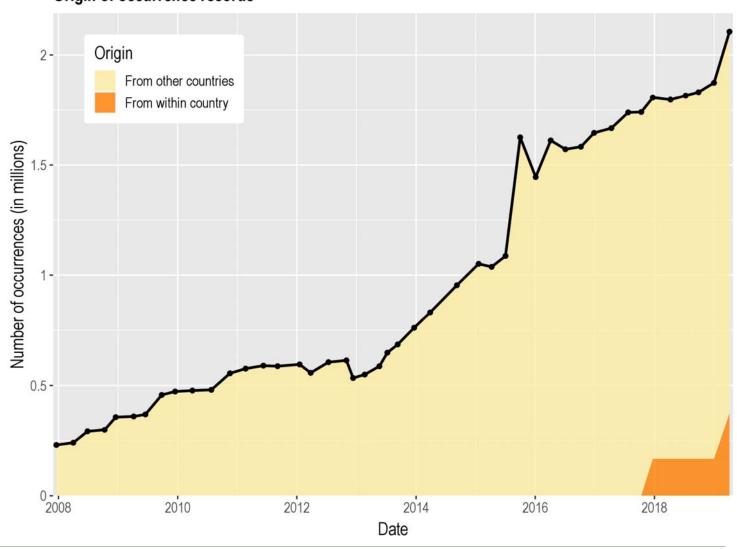








Origin of occurrence records





we will focus on:

- to digitize and manage 20,000 sheets of herbarium specimens hosted at Herbarium ANDA that will be connected to the GBIF online database, and
- to build an offline digital database incorporating more detailed information for sensitive specimens.



DATA SOURCES

Preserved specimen of Sumatran plant

±65.000 sheets







A BRIEF REPORT

BIFA 3 (2018)



13,568 done



DATA MOBILIZATION WORKSHOP



STAKEHOLDERS MEETING











WORKSHOP FOR VOLUNTEER







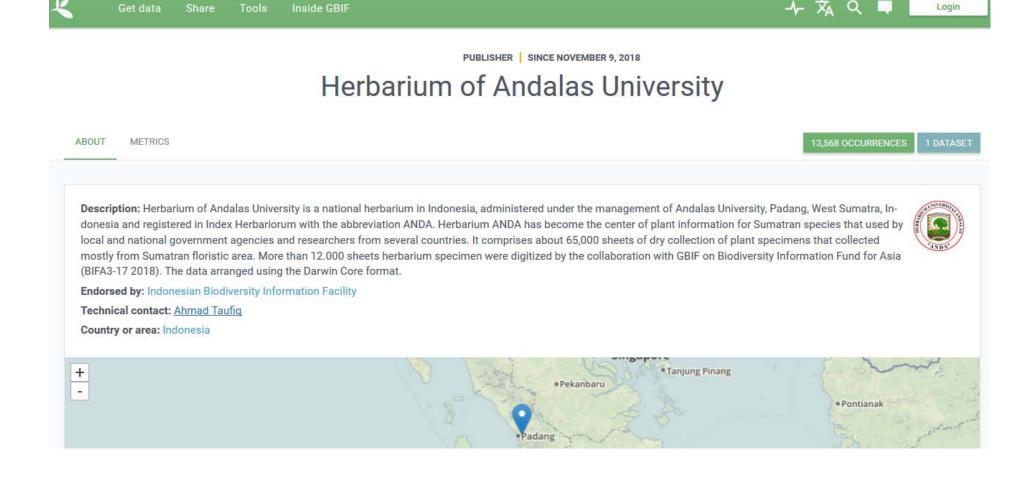


DATA CAPTURING AND CLEANING



GBIF INTEGRA	ATED PUBLISHING TOOLKIT (IPT) en access to biodiversity data				е	email password login						
Home	About											
Summary	Flora of S	Sumatra	a: Vascula	ar plant	collection	on of selec	cted fami	lies deposited a				
Data Records	Herbariur	n of Ar	dalas Un	iversity	(ANDA)							
Downloads	Latest version	published	by Herbarium	of Andalas	University or	Apr 30, 2019						
Versions	Herbarium of A	Andalas Ur	iversity (ANDA	A) is one of	the active he	rbaria on Suma	atra Indonesi	а				
How to cite			Control of the contro			um collections,						
Rights						tra and adjace		The Action				
GBIF Registration						ur collections to						
Keywords	Street Street Street Street Street	and the second second				up to 13,568 of						
Contacts								amilies we have e, Gesneriaceae,				
Geographic Coverage				and the second	Secure Secure			nthaceae, Putranjivacea				
Taxonomic Coverage	and Chrysoba improve resea		_			endemic to Sum	natra. The pro	ogram is our first step to				
Temporal Coverage												
Project Data	Home	GBIF	DwC-A	B EML	₽ RTF	Versions	Rights	Cite this				









Get data

Share

Inside GBIF







OCCURRENCE DATASET | REGISTERED MARCH 4, 2019

Flora of Sumatra: Vascular plant collection of selected families deposited at Herbarium of Andalas University (ANDA)

Published by Herbarium of Andalas University

Murainas Nurainas • Ahmad Taufig • Heru Handika • Syamsuardi Syamsuardi

DATASET

PROJECT

METRICS

ACTIVITY

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CO HOME PAGE

13,568 OCCURRENCES

Herbarium of Andalas University (ANDA) is one of the active herbaria on Sumatra, Indonesia. Currently, the herbarium hosts about 65,000 sheets of herbarium collections, consisting of vascular plants and moss. The main collections are from Sumatra and adjacent islands. The herbarium serves both for research and education. Since 2018, we worked with the Global Biodiversity Information Facility (GBIF) to catalog and digitize our collections to improve the accessibility of the specimens. Since then,...



Project ID: BIFA3_17

Metadata last modified: April 30, 2019

Data last changed: April 8, 2019

Hosted by: Research Center For Biology - Indonesian In-

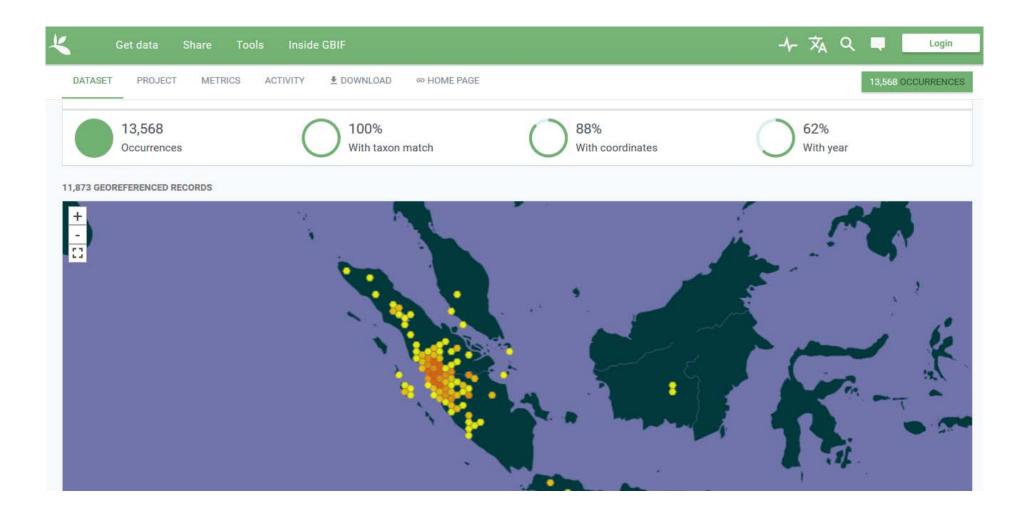
stitute of Sciences (LIPI)

License: CC BY-NC 4.0

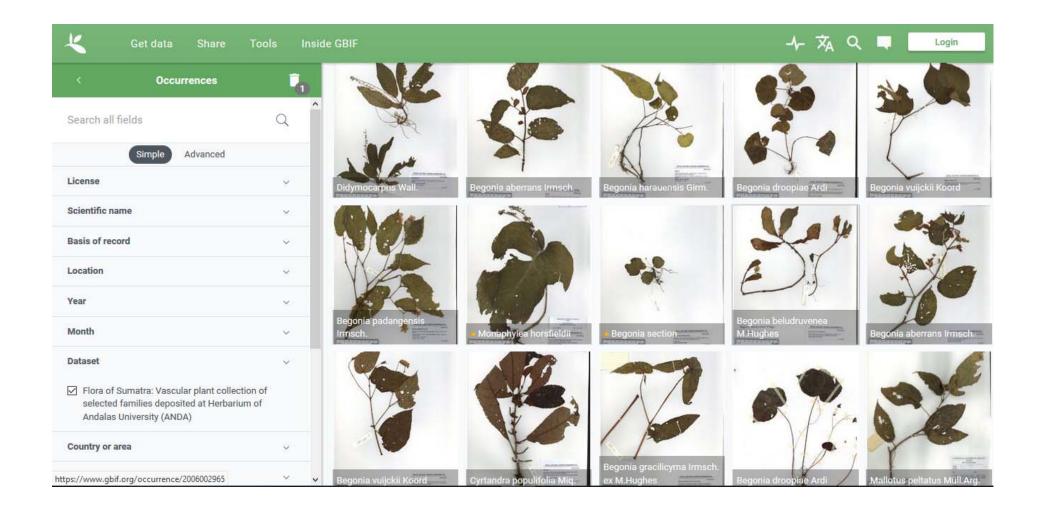








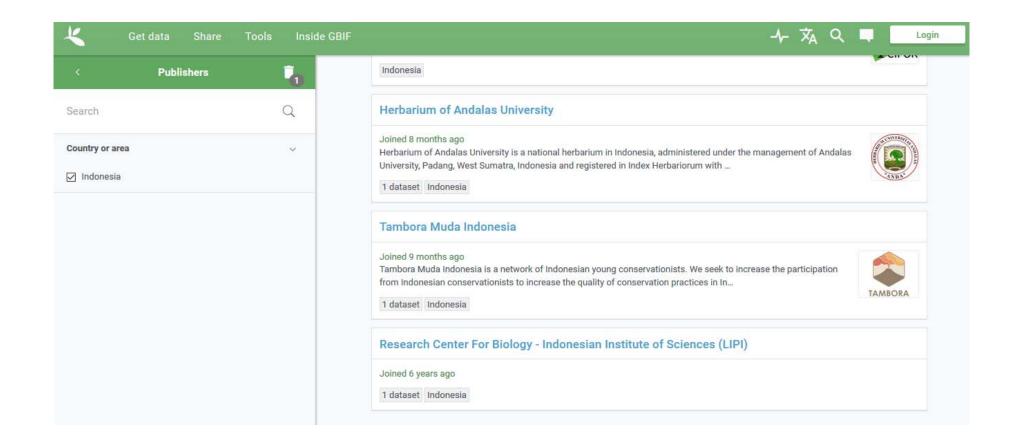




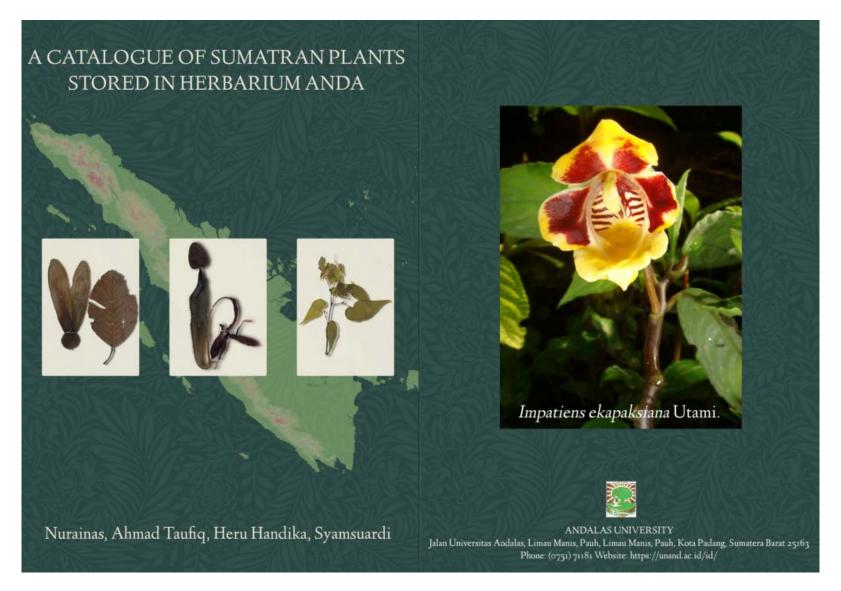


ATASET PROJECT METRICS	ACTIVITY ♣ DOWNLOAD ☐ HOME PAGE	♣ DOWNLOAD ☐ HOME PAGE						
- Instant include			13,568 OCCURRE					
	Family							
Description	Balsaminaceae Jewelweed	Fagaceae Oak	Polygalaceae Sasapuan					
Purpose	Begoniaceae Begonia	Gesneriaceae Mapele	Putranjivaceae Bintang mabas					
Tupose	Chrysobalanaceae Maranthes	Nepenthaceae Pitcher plant	Rosaceae Rose					
Temporal scope	Dipterocarpaceae Keruing	Pandaceae Kayu busih	Sapotaceae Manatu					
Cararabia	Euphorbiaceae Cooper leaf	Phyllanthaceae Andarupis	Symplocaceae Asiatic sweetleaf					
Geographic scope	Euphorbiacede cooper real	1 Hyllantilaceae Allaarapis	Symphocaccae Asiatic Sweetlear					
Taxonomic scope								
processor and the second	Genus							
Methodology	Acalypha Cooper leaf	Epithema Fleshy epthema	Nepenthes Pitcher					
Additional info	Agrostistachys Gelimtum	Eriobotrya Berry	Palaquium Nato nasi					
Additional info	Alchornea Khang poi	Euphorbia Fire plant	Paraboea					
Bibliography	Aleurites Bunsangil	Flueggea Patala	Parashorea White meranti					
	Anisoptera Keruing	Galearia	Payena Bee taul					
Contacts	Antidesma Buah jerawai	Ganua Ganua	Phyllanthus Meniran					
Data description	Aporosa Kumpang	Glochidion Sakah-sakah	Planchonella Nyatoh nangka merah					
	Baccaurea Belembik	Hancea Enserai	Pleionuma					
GBIF registration	Baliospermum Neruvam	Henckelia Bracted stone flower	Polygala Sasapuan					
Citation	Begonia Begonia	Hevea Rubber	Prunus Janteli					
	Bischofia Java cedar	Homalanthus Bangki	Quercus Oak Rhaphiolepis Snow maiden					
	Breynia Fart bush	Homonoia Willow leaved water croton						
	Bridelia Kanidei	Hopea Merawan	Rhynchoglossum Malayalam					

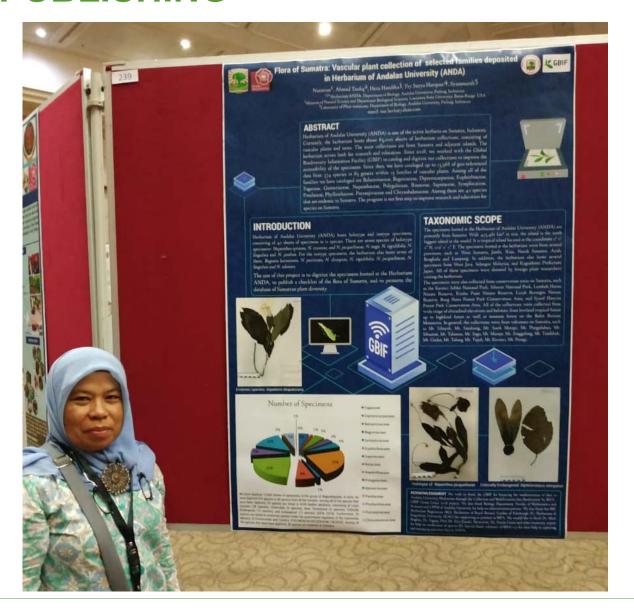






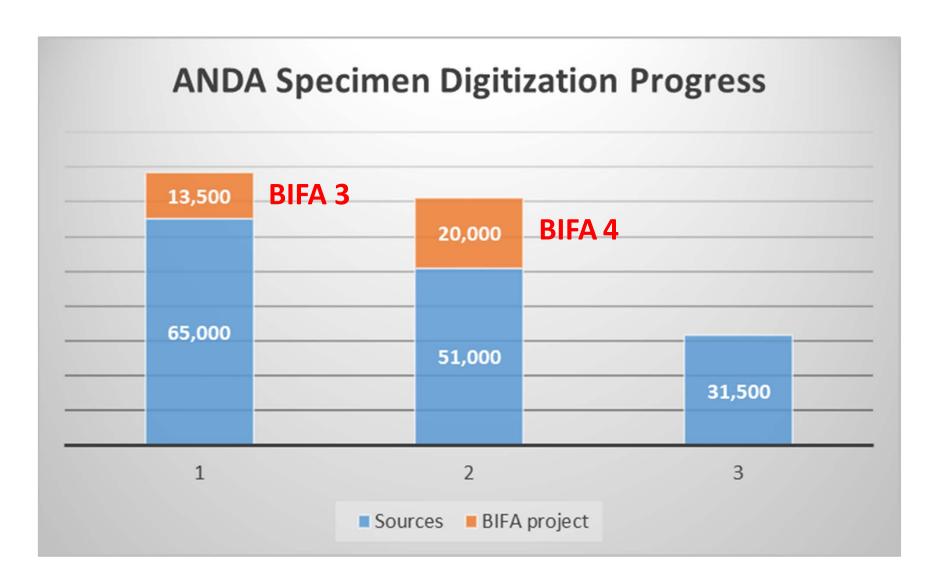








DATA SOURCES





PROJECT TIMELINE

Activity	2019								2020			
	M	J	J	Α	S	0	N	D	J	F	М	Α
Preparation and national stakeholders meeting	Χ											
Open recruitment for volunteers		Х										
Mandatory attendance of a project team member to the BIFA Capacity Enhancement Workshop (expenses for attending the workshop are covered by the BIFA program)			X									
Workshop for volunteers			Х									
Capturing specimen images		Χ	Х	Χ	Х							
Capturing specimen data			Х	Χ	Х							
Data cleaning					Х	Χ						
Data publishing						Х	Χ					
Deadline for mid-term report – 31 October 2019						Х						
Mandatory milestones attached to the mid-term report:												
- Gain certification at BIFA Capacity Enhancement Workshop												
- At least one dataset has been published to GBIF.org												
Creating an offline database							Χ	Χ	Χ			
Writing data papers										Χ	Χ	
Deadline for final reporting – 30 April 2020												X
Mandatory milestones attached to the final report:												
- All deliverables have been produced												
- Sustainability and next steps have been documented												



PROJECT SUSTAINABILITY

We will continue the activities after the project end, with the specific plans:

- 1. to continue the data digitization for the remaining specimens using our independent funds,
- 2. to adapt the specimen data management and digitization as a part of materials for a class on "the Plant Specimens and Collection Management" that has been a part of the department curriculum,
- 3. to strengthen a collaboration with InaBIF as the main partner on Sumatra,
- 4. to work together with InaBIF to promote Indonesian species database,
- 5. to increase communication and collaborations with experts on designated taxa to verify species identification



TERIMAKASIH.. THANK YOU..



