



Template for Evidence(s) UI GreenMetric Questionnaire

University : Mindoro State University
Country : Philippines
Web Address : <https://www.minsu.edu.ph/>

[1] Setting and Infrastructure (SI)

[1.22] Conservation: plant, animal, and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities (SI.10)



Sample of Greenhouses (Mindoro State University, Philippines)



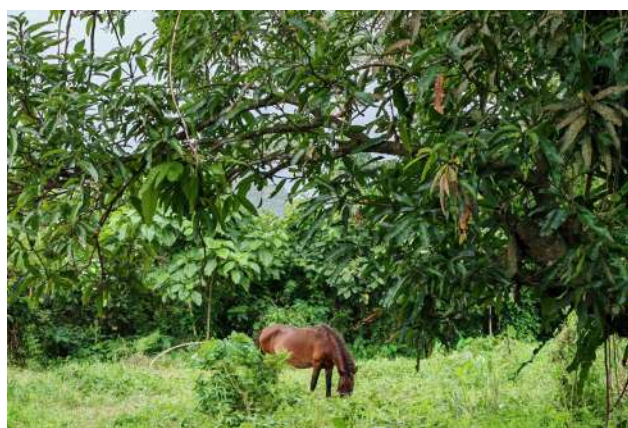
Tissue culture facility (Mindoro State University, Philippines)



Mushroom Culture Facility



Rabbit (Production and Genetic Resource Development Program)



Horse (Conservation and Breeding Program)



Bee Culture (Apiculture and Pollinator Conservation Program)



Goat (Conservation and Breeding Program)



Chicken (Poultry Production and Genetic Resource Program)



Catfish (Aquaculture and Native Catfish Conservation Program)

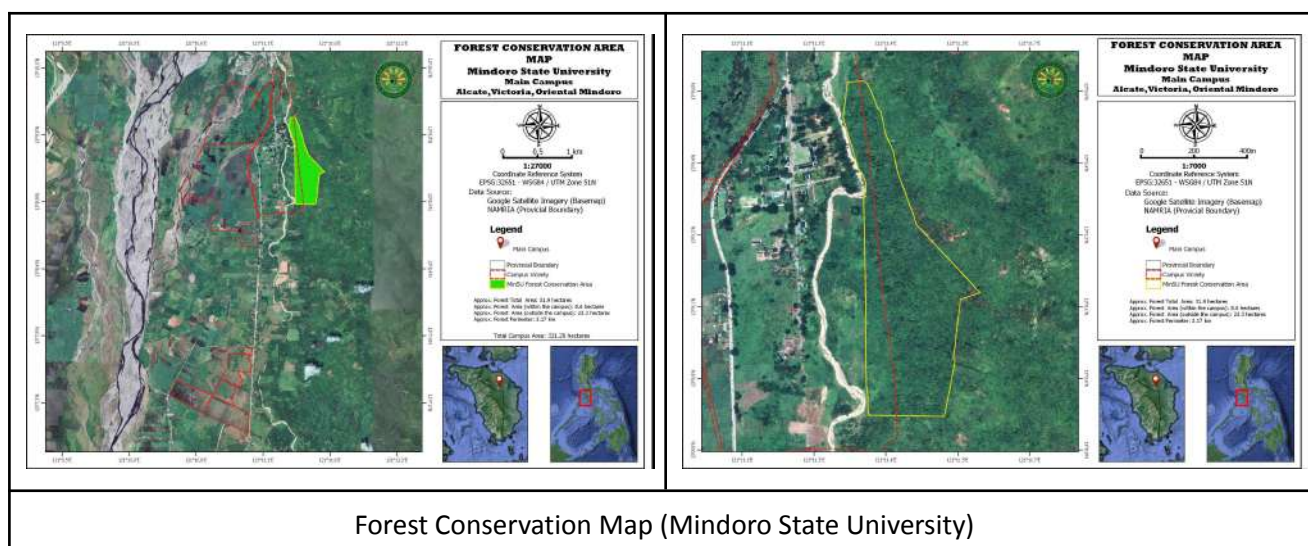
Campus Program for the Conservation of Plant (Flora), Animal (Fauna), or Wildlife, Genetic resources for Food and Agriculture

Program	Type of Species	Number of Species	Duration of Conservation	Targeted Population	Conserved Area
Avifaunal Assessment and Conservation of the Mindoro State University (MinSU) Forest Reservation	Avian	23 species (143 individuals) belonging to 15 families	Continuous/On going (Initial Assessment conducted May 2021 during dry season)	Endemic and resident bird species within MinSU Forest Reservation - including endemics, 3 Mindoro	MinSU Forest Reservation. Alcate, Victoria, Oriental Mindoro (approx. 20 hectares)

				endemics, and 1 nearly endemic	
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Additional Key Findings:

- **Endemic species identified:**
 - *Penelopides mindorensis* (Mindoro Hornbill) – *Endangered*
 - *Hypsipetes mindorensis* (Mindoro Bulbul) – *Least Concern*
 - *Centropus viridis mindorensis* (Philippine Coucal subspecies) – *Least Concern*
- Diversity index (Shannon-Weiner, H'): 2.69 → *Moderately diverse avian community*
- Dominance index (D): 0.08983 → *Low dominance (good ecological balance)*
- Identified threats: Typhoons, earthquakes, landslides, illegal logging, slash-and-burn agriculture, quarrying, and road construction.
- Recommended actions: Continuous biodiversity assessment, reforestation, and community education for conservation awareness.



Forest Conservation Map (Mindoro State University)

Description:

- Greenhouses are established for plant production, cultivation, and conservation.
- Tissue culture facilities are utilized for micropropagation and species conservation.
- Animal facilities support animal production, conservation, and breeding programs.
- Forest conservation programs are implemented to promote biodiversity preservation and environmental sustainability.

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

https://www.allmultidisciplinaryjournal.com/uploads/archives/20240706143214_E-22-17.1.pdf?fbclid=IwY2xjaWNTUg5leHRuA2FlbQlXMAbIcmIkETFWVK1USExCTGFZUHF6cUx0AR5ETJnYhC16xKIMXqOuxgPHvluhTe78_E0zCkNEtd_IA_9h1wSZ0TwO80leRw_aem_0KrlLgS3tCl_ZSuF7GHjYw&brid=3CE1FFiUnVP_cuVRGbgkbA