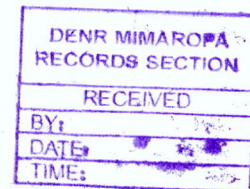




Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE



JUN 08 2023

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA Region
1515 DENR By the Bay Building, Roxas Boulevard,
Barangay 668, Ermita, Manila

THRU : The ARD for Technical Services

FROM : The OIC, PENR Officer

SUBJECT : ACCOMPLISHMENT REPORT FOR THE CONDUCT OF
COMMUNITY CONSULTATIONS THRU KEY
INFORMANT INTERVIEW IN THE MUNICIPALITIES OF
BACO AND SAN TEODORO, ORIENTAL MINDORO FOR
META-POPULATION RESEARCH OF TAMARAW IN
MINDORO

Forwarded is the memorandum dated June 06, 2023 of TCP Coordinator Neil Anthony Del Mundo regarding accomplishment report for the conduct of Community Consultations thru Key Informant Interview in the municipalities of Baco and San Teodoro, Oriental Mindoro for Meta-Population Research of Tamaraw in Mindoro.

Please be informed that Research on the Meta-Population of Tamaraw in Mindoro Island is funded under DENR-Foreign Assisted Special Project Office (FASPO) and is an activity identified in TCMAP Activity Goals 1 and 2. The goals of this study revolve on the establishment of information on the island-wide habitats, distribution, and estimate population of tamaraws in Mindoro and develop alternative counting methodologies to estimate tamaraw population suitable to a range of habitat types.

As mentioned, one of the target activities of said research project is the conduct of Community Consultation thru Key Informant Interview (KII) in twenty-two (22) municipalities with the provinces of Occidental and Oriental Mindoro.

Attached with the report is the detailed accomplishment report on KII conducted in the municipalities of Baco and San Teodoro, Oriental Mindoro.

For information and record.


ERNESTO E. TAÑADA



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE
TAMARAW CONSERVATION PROGRAM

JUN 06 2023

MEMORANDUM

FOR : The OIC, PENR Officer
Mamburao, Occidental Mindoro

FROM : The TCP Coordinator
San Jose, Occidental Mindoro

SUBJECT : ACCOMPLISHMENT REPORT FOR THE CONDUCT
OF COMMUNITY CONSULTATIONS THRU
KEY INFORMANT INTERVIEW IN THE
MUNICIPALITIES OF BACO AND SAN TEODORO,
ORIENTAL MINDORO FOR META - POPULATION
RESEARCH OF TAMARAW IN MINDORO

The **DENR-Tamaraw Conservation Program** is currently conducting a Foreign Assisted and Special Projects Office (FASPO) funded **Research on Meta-population of the tamaraw in Mindoro Island**. The goals of this study revolve on the establishment of information on the island-wide habitats, distribution, and estimate populations of tamaraws in Mindoro, and develop alternative counting methodologies to estimate tamaraw population suitable to a range of habitat types.

One of the target activities of said research project is the conduct of Community Consultation Thru Key Informant Interview (KII) in twenty-two (22) municipalities with the provinces of Occidental and Oriental Mindoro.

Forwarded and submitted herewith is the report on the KII conducted in municipalities of Baco and San Teodoro, Oriental Mindoro

For your information, and record.

NEIL ANTHONY DEL MUNDO

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Accomplishment Report for the conduct of Community Consultation Thru Key Informant Interview in Municipalities of Baco and San Teodoro, Oriental Mindoro for Meta-population Research of Tamaraw in Mindoro

Research on the Meta-Population of Tamaraw in Mindoro Island currently being funded by the DENR-Foreign Assisted Special Project Office (FASPO) and is an activity identified in TCMAP Activity Goals 1 and 2.

Goals of the activity are to

- Establish information on the island-wide habitats, distribution, and estimated populations of Tamaraws in Mindoro
- Develop alternative counting methodology/ies to estimate Tamaraw population suitable to a range of habitat types.

This will be done by conducting community consultations and gathering data from key informants in areas where there were reports of tamaraws. It also aims to document and assess other tamaraw habitats aside from four known and established tamaraw habitats. To date, there are only four known and established tamaraw habitats, these are:

- Mt. Calavite Wildlife Sanctuary in Paluan, Occ. Mindoro
- Mts. Iglit-Baco Natural Park in mid southern municipalities of Oriental and Occidental Mindoro
- Aruyan-Malati Tamaraw Reservation in Sablayan, Occ. Mindoro
- Upper Mindoro Range in Upper Amnayan, Sablayan Occ. Mindoro and Naujan, Oriental Mindoro

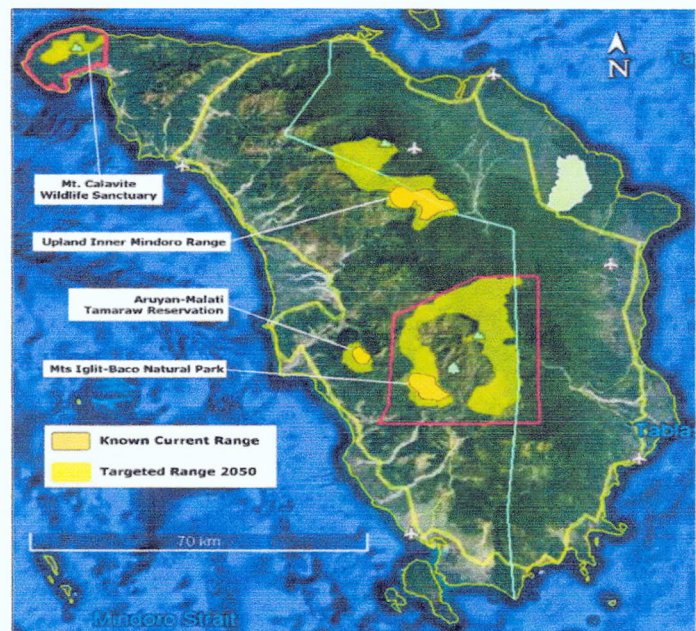


Figure 1. Known Tamaraw Habitats

Below is the summary of population estimates in known tamaraw habitats in Mindoro. It can be noted that the bulk of the population of said animals are in MIBNP but a significant number can also be found in Upper Amnayan- Inner Upper Mindoro Range. This research also aims to conduct population census in Upper Amnayan area.

Table 1: Summary of Tamaraw population estimates from 1987, 1996 to 2018. Modified from Long *et al.* 2018) (lifted from TCMAP)

Site	Year of population estimate		
	1987 ¹	1996 ²	2018 ³
Mounts Iglit-Baco Natural Park	145	175	400-500
Upper Amnay Watershed Region including Eagle Pass	65	65	5-70+
Aruyan-Malati Tamaraw Reservation	41	14-30	3-15
Mount Calavite Wildlife Sanctuary	45	>1	0-5
Santa Cruz – Pinagturilan	20	0	0
Oriental Mindoro (Municipalities of Victoria, Bansud, Bongabong and Mansalay)	40	0	0

¹Petocz (1989); ²de Leon (1996); ³Long *et al.* (2018)

Community Consultations thru Key Informant Interview (KII) were conducted in two (2) Barangay in 2 (two) municipalities within Oriental Mindoro; Barangay Bigaaan in Baco, and Lantuyang in San Teodoro. Indigenous People residing in these barangays were positively identified the North-western part of Mt. Halcon have presence of tamaraw habitation. Verification survey will be scheduled within the areas where there are possible tamaraw habitats based on the results of KII.

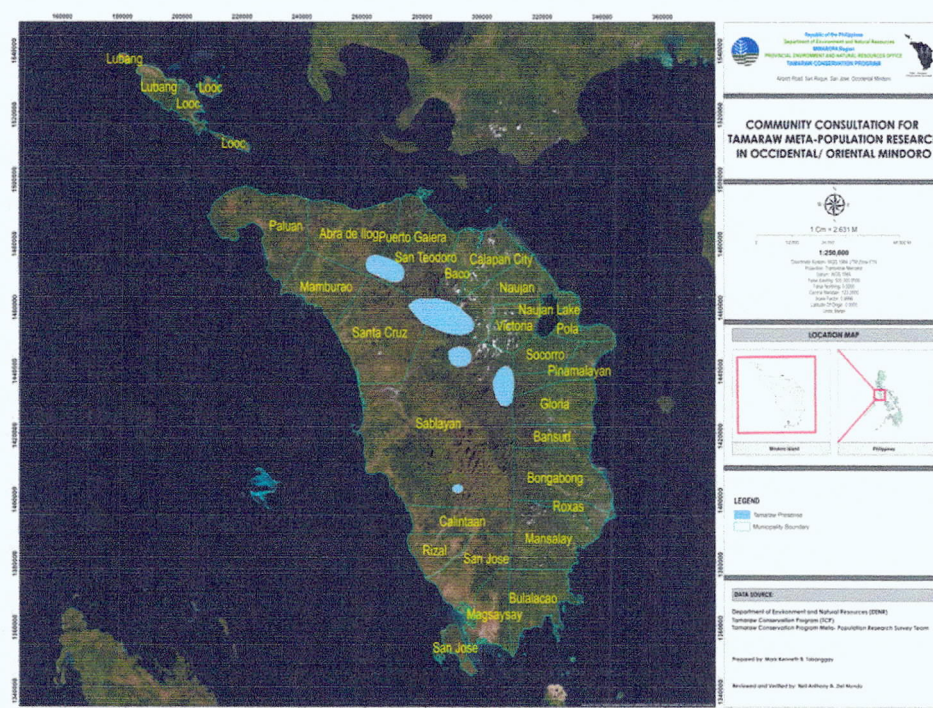


Figure 1. Map of likely tamaraw habitat based on the conducted KII as of March 2022

Prior to data gathering, communication letter to office of the Municipal Mayors of respective municipalities and to the concerned Barangay Officials was prepared and sent. After securing permission of the officials, the Meta – Population Survey Team conducted the data collection using key informant interview.

A questionnaire was prepared for gathering and capture of data and aimed in creating demographic and socio-economic profile, assess respondent's knowledge on Tamaraw and ecology and general understanding of Tamaraw and its habitat, and assess awareness on pressing issues and or problems in conservation of tamaraws. Survey team filled up the prepared questionnaire (attached, Annex A) based on the responses of the respondents. Data gathered were organized, classified, and analyzed. Further data analysis will be concluded to assess respondents' profile and its importance in tamaraw conservation management.

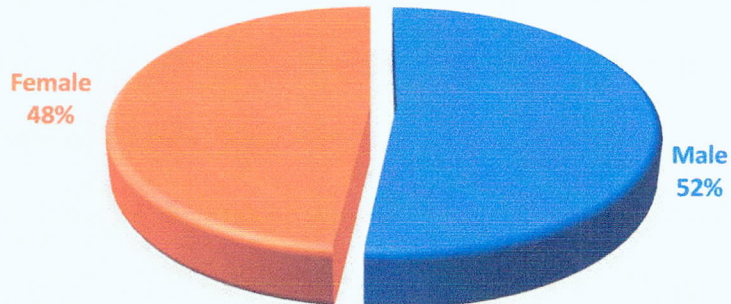
COMMUNITY CONSULTATION RESPONDENTS' PROFILE

DEMOGRAPHICS

Age Group	Baco	San Teodoro	Total
20 - 24	9	4	13
25 -29	4	4	8
30 -34	5	1	6
35 - 39	4	1	5
40 - 44	3	4	7
45 - 49	0	0	0
50 -54	0	4	4
55 -59	2	0	2
60 - 64	0	2	2
65 - 69	3	0	3
70 - Above	1	1	2
Total	31	21	52

Most of the respondents are relatively young, 61% were belong to ages 21-39 of the total respondents.

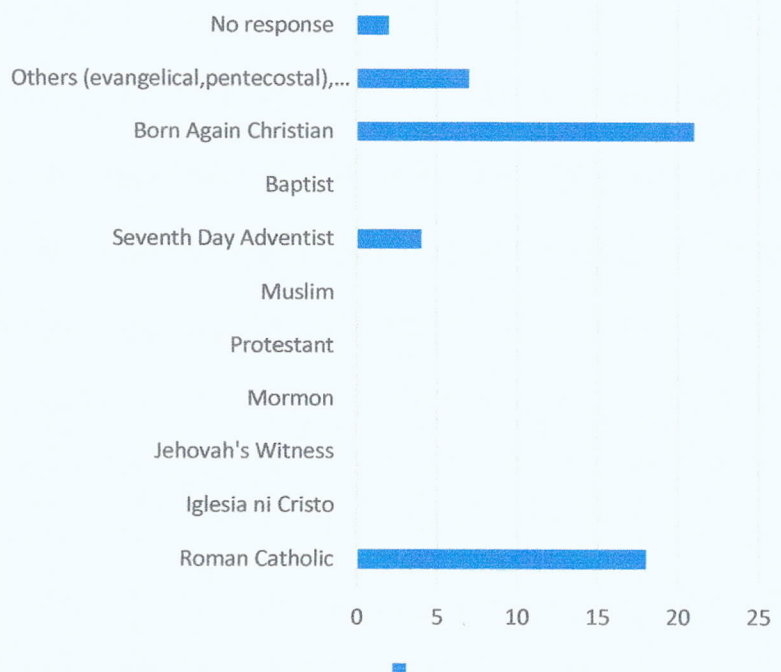
RESPONDENT'S SEX

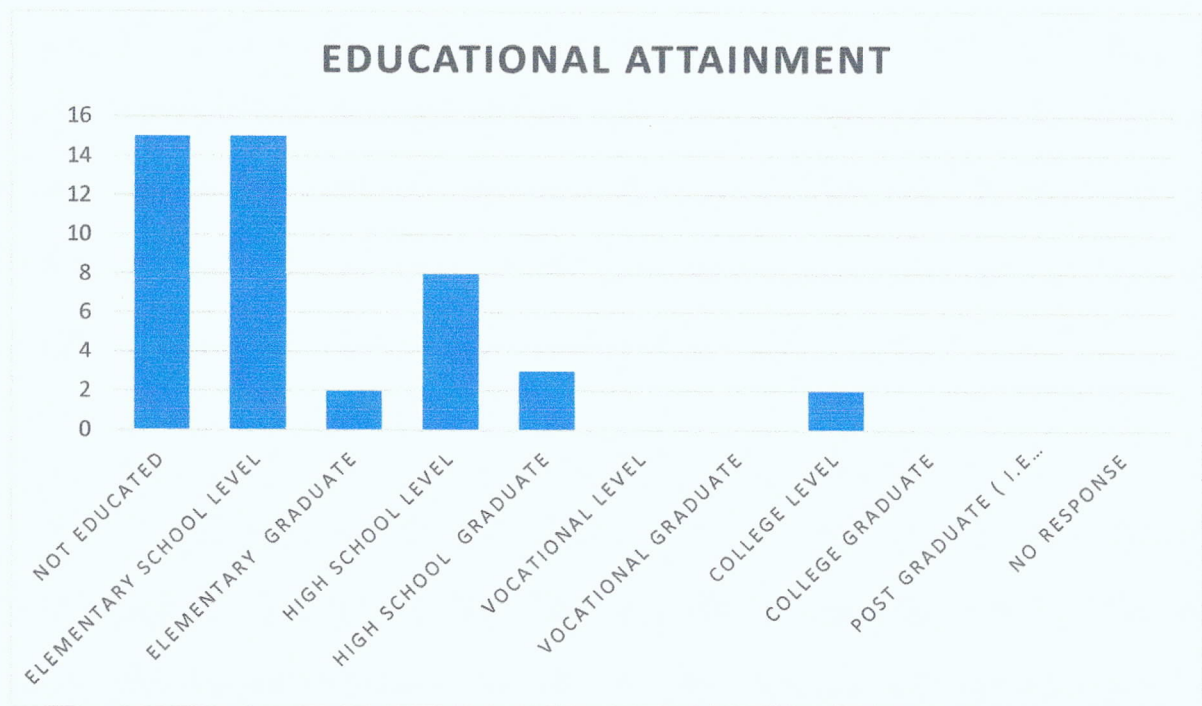


Majority of the respondent are male compromising of 52% of the total respondents.

All the respondents are in Christian religious sector, mostly are Roman Catholic with 40%, followed by Protestant of 32% and Evangelical of 17%.

Religious affiliation



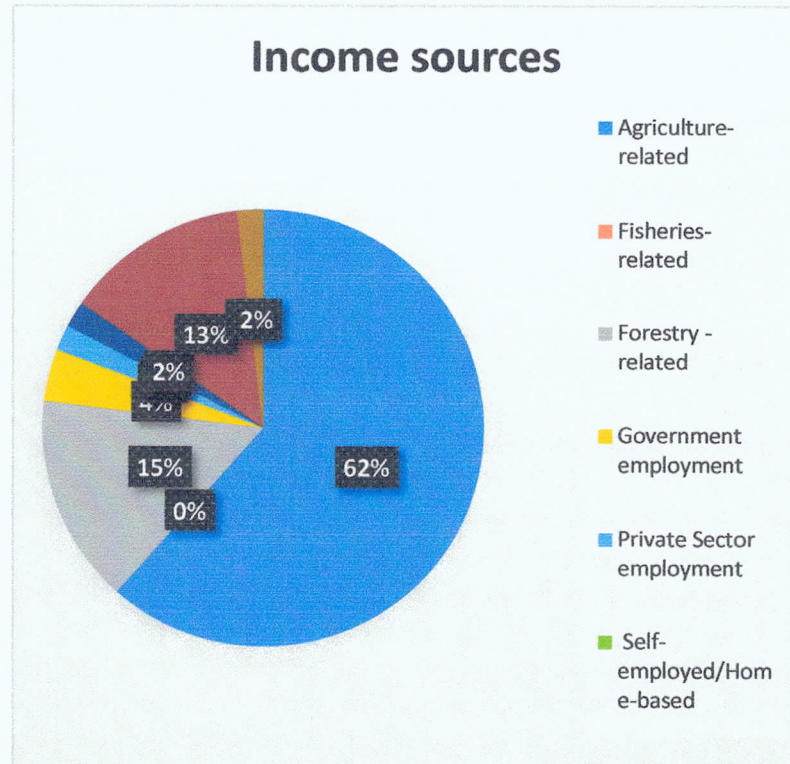


37% of the respondents have some have level of education elementary school as highest level of educational attainment. However, 33% of the respondents does not attended school at all.s



88% of the respondent had 1,000 to not more than 10,000 of monthly income, mostly, IP's relying in agriculture.

Most of the income source of the respondents are agriculture-related, which are mainly *Kopras* and *Banna*.

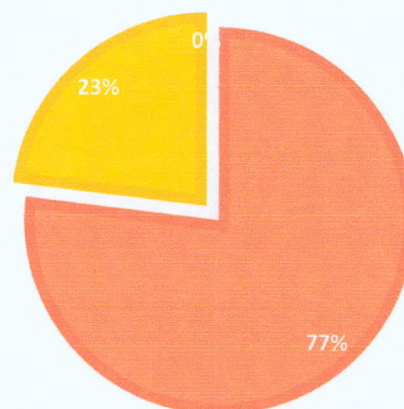


Gauge of level of Awareness of Respondents about Tamaraws and its Conservation

Respondents from two (2) barangay interviewed in Baco and San Teodoro, Oriental Mindoro that conducted Key Informant Interview, 56% said that the tamaraw resemble carabao and 21 % of the respondents said that the tamaraw is a symbol and pride of Mindoro that should be treasured and protected.

TAMARAW AWARENESS

Yes Not aware No response



77% of the respondent were aware of the tamaraw, and the possible habitation of the species.

Result of Community Consultation

Municipality (Oriental Mindoro)	Key Informants (Mangyan Group/Respondents)	Result
Baco	IP (Iraya group of Mangyan)	Respondents positively identify Mt. Halcon of possible population of Tamaraw
San Teodoro	IP (Iraya group of Mangyan)	Respondents told that there are report of tamaraw sightings of tamaraw in Mt. Halcon and Mt. Malasimbo

Prepared by:



ARVIN N. TABUGA
Technical Staff

Reviewed and Edited by:



NEIL ANTHONY A. DEL MUNDO
Coordinator

