

Additional file 4

QUESTIONNAIRE

AN ETHNOECOLOGICAL STUDY OF THARU COMMUNITY IN PAKALI, ITAHARI

Dear respondent,

Namaste! I am Rejina Dhungana, a student from Institute of Agriculture and Animal Science, Gauradaha Agriculture Campus. I would like to request you for your time to respond to some questions about ethnoecological study of Tharu community in this area for my research. Your information will be kept confidential. I thank you in advance for your time and contribution.

Demographic information and socioeconomic factors

1. Name of the respondent.....

2. Gender of the house head

i. Male ii. Female iii. Others (please specify) iv. Prefer not to say

3. Age of the house head.....

4. Religion

i. Hindu ii. Muslim iii. Christian

iv. Buddhist v. Others (Please specify)

5. Family type

i. Nuclear ii. Joint

6. Educational status of the household

- i. Illiterate ii. Read and write iii. Primary iv. Secondary
- v. Intermediate vi. University

7. How many members are there in your family?
8. How many economically active members are there in the family? (>14 to <49).....
9. What is the average monthly income ? (Rs.).....
10. How many members of the family are literate?.....
11. How long has your family been living in this area?
 - i. Less than 5 years ii. 5-10 years iii. 11-20 years iv. More than 20 years

Land Use and Agriculture

1. What is the primary source of your livelihood?
 - i. Remittance ii. Business iii. Agriculture iv. Service v. Animal husbandry
 - vi. Other (specify)
2. What is the major crop you grow?
 - i. Cereals ii. Legumes iii. Vegetables iv. Other (please specify)
3. Do you own or rent the land you use for agriculture?
 - i. Own ii. Rent iii. Both iv. None
4. How much land do you currently use for agriculture (Kattha / bigha)?.....
5. How do you decide which crops to grow?

- i. Traditional knowledge ii. Market demand iii. Advice from experts iv. Other

6. Do you use fertilizers?

- i. Yes ii. No

7. If yes, what kind of fertilizers do you use?

- i. Organic fertilizers ii. Chemical fertilizers iii. Both iv. None

8. Do you raise livestock?

- i. Yes ii. No

Ethnobotany

1. Do you know about ethnomedicinal plants?

- i. Yes ii. No

2. How did you learn about ethnomedicinal plants?

- i. Family tradition ii. Community elders iii. Personal experience iv. Others (Specify)

3. What are the main sources of these plants?

- i. Home garden ii. Local markets iii. Forest iv. Others (Please specify)

4. Which part of the plant is mostly used?

Medicinal plants	Parts used	Used for

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Cultural Practices and Beliefs

1. What is the major festival you celebrate?.....
2. What clothes and ornaments do females wear during festivals?.....
3. What clothes do males wear during festivals?
4. What language do you primarily speak at home?
 - i. Tharu ii. Nepali iii. Maithili iv. Others (please specify)
5. What role does traditional knowledge play in your daily life?
 - i. Very important ii. Important iii. Moderately important iv. Not important
6. How do you view the relationship between nature and spirituality?
 - i. Very strongly connected ii. Moderately connected iii. Not connected
7. Do you believe environmental changes affect your traditions?
 - i. Yes ii. No

Environmental factors

1. Have you noticed any changes in the climate over the years?
 - i. Yes ii. No
2. If yes, what changes have you observed?
 - i. Increased temperatures ii. Droughts iii. Irregular rainfall
3. How has climate change affected your livelihood?

i. Reduced agricultural yield ii. Increased health problems iii. Loss of biodiversity

iv. Other (Please Specify)

4. What measures do you think are needed to conserve the environment?

i. Educating the community ii. Reforestation iii. Government policies iv. Other

(specify)

5. Would you be willing to participate in conservation programs?

i. Yes ii. No