

長濱和代『ヒマラヤの森はなぜ守られたのか』（九州大学出版会，2022）

【付録資料7】 M村での世帯調査面談結果（n = 26）

Samples No.	1. Family profile					2. Livelihood activities										3. Land owend, renting and the use									
	Caste	Education	MC member	Occupati on	Family no	Properties					Infrastructure					Main livelihood	House	Wood product	Caw shed	Shed material	Land owned				
						Who go to VP?	TV	Dish TV	Cell phone	Fridge	Sawing machine	Clean water	Elect ricity	Fire wood	LPG						Kero sene	Solar light	Farm	Residence	Sale of crop
	1.Rawat (years)	0. No	1. Army	1.HH wife	(no.)	(no.)	(no.)	(no.)	(no.)	(rp.)	(rp.)	(kg/day)	(month / cyli.)	(L:liter)	(no.)	1. Agriculture	1. C.& Wood	1.VP	(no.)	1.Stone & slate	(nali)	(nali)	0. No		
	2.Negi	1. Yes	2. Agriculture	2.HH wife and											2.Livestock	2. Cement	2.Private land		2.Cement			1. Yes			
	3.Bisht	2. Yes,	3. Private	another woman											(grazing)	(modern)	3.Reserved land		2.Cement						
	4.Lar(SC)	previous time	4. Government job	3.The others											3. Private work	3. wood, cement, mud (traditional)	4.Market								
			5. Grasing animal												4. Gov. work		5.Another village								
1	1	12	0	1	6	2	1	1	5	1	0	150	100	20	1.5	3L/m	0	4	1	1	1	200	0.5	1	
2	2	0	0	2	9	2	1	1	3	0	0	125	300	21	0	2L/m	0	1	1	1	2	1	20	0.5	0
3	2	8	0	2	8	2	0	0	0	0	0	300	300	20	0	2L/m	0	1	1	1	2	1	8	0.5	0
4	2	10	1	2	8	1	0	0	0	0	0	300	80	20	0	2L/m	0	1	1	1	1	1	12	0.5	0
5	2	8	1	2	5	1	0	0	0	0	0	60	200	20	0	2L/m	0	1	1	1	1	1	15	0.5	0
6	2	0	0	2	8	2	1	0	3	0	0	60	200	20	0	2L.	0	1	1	1	2	1	5	0.5	0
7	2	12	0	1	5	1	1	1	2	0	1	125	300	20	1	2L/m	0	3	1	1	2	1	2	0.5	0
8	2	5	1	2	6	1	1	1	4	0	0	100	600	10	1	6L/m	0	1	1	1	4	1	50	0.5	1
9	3	0	0	2	6	2	0	0	1	0	0	60	250	25	0	2L/m	0	1	1	1	1	1	50	0.5	1
10	2	0	0	2	6	1	1	1	5	0	0	60	175	13	0	2L/m	0	1	1	1	2	1	30	0.5	1
11	1	0	0	2	7	2	1	1	1	0	0	100	80	NA	0	2L/m	0	1	3	1	2	1	1	0.5	0
12	1	10	0	2, 5	7	1	1	1	1	0	0	100	80	10	0	2L/m	0	1	3	1	2	1	1	0.5	0
13	1	10	0	2	6	1	0	0	2	0	0	60	0	12	0	2L/m	0	1	1	1	1	1	5	0.5	0
14	2	8	0	2	10	1	0	0	5	0	0	60	70	12	0	2L/m	0	1	1	1	2	1	30	0.5	1
15	2	8	1	2	6	1	0	0	2	0	0	300	NA	12	0	2L/m	0	1	1	1	1	1	15	0.5	0
16	1	3	0	3	8	2	0	0	2	0	0	60	250	12	NA	2L/m	0	1	1	1	2	1	45	0.5	1
17	2	12	0	2	4	1	1	1	2	0	0	60	600	12	0	2L/m	0	1	1	1	1	1	9	0.5	0
18	2	10	0	2	9	1	1	0	3	0	0	60	300	12	0	2L/m	0	1	1	1	3	1	7	0.5	0
19	2	12	0	2	3	2	1	1	2	0	0	60	150	12	0	0	0	1	1	1	1	1	20	0.5	0
20	2	8	0	2	5	1	1	1	2	0	0	125	300	10	0	2L/m	0	1	1	1	1	1	5	0.5	0
21	2	0	0	2	6	1	0	0	1	0	0	125	300	10	0	2L/m	0	1	1	1	1	1	30	0.5	1
22	4	5	0	2	4	1	0	0	1	0	0	125	300	7	0	2L/m	0	1	1	1	1	1	10	0.5	0
23	4	12	0	4	4	1	0	0	1	0	0	100	300	NA	0	2L/m	0	4	1	1	0	NA	0	0.5	0
24	2	0	2	2	9	1	0	0	1	0	0	100	300	10	0	2L/m	0	1	1	1	1	1	20	0.5	0
25	2	8	2	2	7	1	1	0	1	0	0	100	300	10	0	2L/m	0	2	1	1	2	1	10	0.5	0
26	2	0	2	2	5	3	1	0	1	0	0	100	300	10	0	2L/m	0	1	1	1	2	1	NA	0.5	0

3. Land owend, renting and the use																								
Sampls No.	Private Tree											Livestock							Availability					
	Banji (Oak)	Aru (pear)	Burans	Kafal	Utis	Duduri (for fodder)	Acroad (walnut)	Panya (for fodder)	Kariqu (for fodder, firewood, timber)	Orange	Ayar (for firewood, fodder for leaf, manuf for dry leaf)	Others	Cow	Ox	Carf	Buffalo	Bull	Goat	Distance to VP	Fuel wood collection	Collection hours	Fuelwood	Fodder	Grazing
	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(no.)	(km)	1. Yes 0. No	(hours /week)	1.Decline 2.Same 3.Increased	1.Decline 2.Same 3.Increased	1.Decline 2.Same 3.Increased
1	50	0	5	5	0	0	0	0	0	0	0	0	2	2	0	1	0	0	0.5	1	2	3	3	3
2	1	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0.5	1	6	3	3	3
3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3	2	0	0	0	0	1	1	6	3	3	3
4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3	2	0	0	0	0	1	1	10	3	3	3
5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	2	0	0	0	0	1	1	6	3	3	3
6	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0.5	1	6	3	3	3
7	1	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0.5	1	6	3	3	3
8	50	0	0	0	0	5	0	0	0	0	0	50	5	0	0	1	2	0	0.5	1	6	3	3	3
9	5	0	0	0	0	0	0	0	2	0	0	0	1	2	0	0	0	0	0.5	1	12	3	3	3
10	30	0	0	0	0	0	1	0	1	0	0	0	3	4	0	0	0	0	0.5	1	7	3	3	3
11	7	0	0	0	0	0	1	0	0	0	0	0	2	0	0	1	2	0	0.5	1	9	3	3	3
12	5	0	0	0	0	0	0	1	0	0	0	0	1	2	0	0	0	22	0.5	1	7	3	3	3
13	12	0	0	0	0	0	0	0	0	0	8	0	3	2	0	0	0	0	0.5	1	6	3	3	3
14	30	2	0	0	0	0	0	0	0	1	0	1 (Lemon)	3	2	1	1	0	0	1	1	9	3	3	3
15	40	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	1	8	3	3	3
16	20	0	0	0	0	0	0	0	0	3	0	0	1	2	0	1	0	0	1	1	9	3	3	3
17	4	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0.5	1	6-12 (Depends on the season)	3	3	3
18	7	0	0	0	0	0	0	0	0	3	0	0	1	2	0	2	0	24	0.5	1	12	3	3	3
19	100	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0.5	1	11	3	3	3
20	10	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0.9	1	6	3	3	3
21	10	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	40	0.9	1	7	3	3	3
22	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1.5	1	5	3	3	3
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.5	0	0	NA	NA	NA
24	8	0	0	0	0	0	0	0	0	0	0	0	4	2	0	2	0	0	0.5	1	6	3	3	3
25	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	40	0.5	1	7	3	3	3
26	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0.5	1	5	3	3	3

Samples No.	5. Activities and perception of VP										6. Off farm income	
	VP affection	Sarpanch name	Attend meeting	Attitude of meeting	Microplan existence	Microplan Partici-pation	MC Finance trans parency	MC Benefit	VP Forest condition	Reason	Off farm income	Others, if specify.
	1. Large negative effect 2. Small negative effect 3. No effect 4. Small positive effect 5. Large positive effect	0.No 1.Yes	(days /year)	1. Silent 2. Asked opinion 3. Expressed opinion 4. Having voice and influence 5. Asked to specific task	0.No 1.Yes	0.No 1.Yes	0.No 1.Yes	0.No 1.Yes	1. Badly degraded 2. Degraded 3. Remein same 4. Improved little 5. Highly improved	1. Increased access NTFP 2. Regeneration 3. Wage 4. Social 5. FD (Forest Department)	Total money (rp./month)	
1	5	1	12	4	1	1	1	0	5	All	35,000	Army/Military jobs have good pensions.
2	4	1	12	3	1	1	1	1	5	1.2	18,000	The greenery of the forest has a positive impact on our health benefits.
3	5	1	12	4	0	0	0	0	5	1	36,000	The benefits from VP are not personal.They affect the village as a whole.
4	5	1	12	2	1	0	0	0	5	1.2.3	18,000	If there was work, householder would attain. it is main salary for us.
5	5	1	12	3	0	0	0	1	5	3	42,000	Chokidar's income is 3,500rp. per month.
6	5	1	12	3	0	0	0	1	5	All	10,000	VP forest is good condition, esp. for brans, uttis, and slai(trees). VPMC has benefit for community.
7	5	1	12	3	1	1	1	1	5	All	25,000	Construction house and boundary wall with VP (As we saw today, 9-12am work , 12-3 pm lunch, 3-6pm or 7pm (until sunset) is also work.
8	5	1	12	5	1	1	0	1	5	1. 2. 3. 4	10,000	There are 100 days work for rural improvement scheme, One person from each family can participate.
9	5	1	12	3	0	0	0	0	5	1. 2. 3. 4	27,000	HH(household) farm land; 2hours by walk, 20 nali is irrigated and 30 nali is not.
10	5	1	12	3	0	0	0	0	5	All	18,000	HH wife is collecting fodders everyday.
11	5	1	12	3	0	0	0	0	5	All	18,000	HH wife never been to become MC member. If somebody ask, she will be. HH in Dudatry for grazing now.
12	5	1	12	3	0	0	0	0	5	All	30,000	No damage of forest. We follow the rules. If asked to become a member of MC, I don't think anyone would say no.
13	5	1	12	3	0	0	0	0	5	All	62,500	The householder is a professional house constructor. (8-9 month in work )
14	5	1	12	2	0	0	0	0	5	1	66,000	Only chowkidar could get economical profit.
15	5	1	12	2	0	0	0	0	5	1. 2. 3. 4	35,000	After VP is invited, road is better condition. Previously, some animals falled down from road and died.
16	5	1	12	3	0	0	1	0	5	1. 2. 3. 4	108,000	The householder has special skill for cutting trees and earns money to build house. He does not become MC members unless any special reasons occur.(He was rejected once.) We have 3 nali of irrigated farmland, 6 nali of non-irrigated farmland, and small 2 children without grand parents. When my wife and I go out to the forest, the first child is at school and the second small child is in the house with his legs bound to a post with a rope while he sleeps.
17	5	1	12	2	0	0	0	0	5	1. 2. 3. 4	32,000	
18	5	1	12	3	0	0	0	0	5	1. 2. 3. 4	36,000	The householder goes to Dudatory (hilly areas) and works outside. No profit for MC members.
19	5	1	12	4	0	0	0	0	5	All	NA	All members of the HH are students.
20	4	1	12	3	0	0	0	0	4	1,2	18,000	The householder do not want to be member of MC, but he can become a member if nominated.
21	4	1	12	4	0	0	0	0	4	1. 2. 3	NA	(Comments by neighbor) Grandfather was too old to go out for work. HH is working at private sector. The householder does not go to VP forest in summer because it is far. But he goes to forest for collecting firewood in winter for a few hours in 2 times for a week during VP forest is opened. He can use both M village and T village VP forests. He is interested in MC member.
22	4	1	12	1	0	0	0	0	4	1. 2. 3. 4	15,000	
23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	After the householder is retired, he lives apart from his wife. His children are independent, his brother is taking care of HH.
24	4	1	12	4	1	0	0	0	5	All	18,000	The householder was a previous MC member.
25	5	1	12	4	0	0	0	0	5	1. 2. 3	NA	
26	5	1	12	3	0	0	0	0	0	1.2	18,000	The householder's wife pssed away. His children are independent. He sometimes collects firewood. HH's goats are pastured to Dudatory, same to neighbors.

Source: Structured Interviews in 2015 構造的面談調査(2015)