

Supplemental material for

“Poverty and Livelihood Impacts of a Medicinal and Aromatic Plants Project in India and Nepal: An Assessment” by Golam Rasul, Dyutiman Choudhary, Bishnu Pandit, and Michael Kollmair, published in *Mountain Research and Development* 32(2), 2012.

Table S1: Changes in medicinal and aromatic plant (MAP) density in People’s Protected Areas in Chhattisgarh, India.

MAP species	No. of plants/ha (2005)	No. of plants/ha (2009)	% increase
Aonla (<i>Phyllanthus emblica</i>)	240	418	74
Tikhur (<i>Curcuma angustifolia</i>)	108	168	56
Baichandi (<i>Dioscorea hispida</i>)	73	114	56
Kalmegh (<i>Andrographis paniculata</i>)	1844	2733	48
Harra (<i>Terminalia chebula</i>)	127	181	43
Satawar (<i>Asparagus recemosus</i>)	524	689	31
Nagarmotha (<i>Cyperus scariosus</i>)	1598	1804	13
Baibiding (<i>Embelia ribes</i>)	996	1061	7
Dhawaiphool (<i>Woodfordia fruticosa</i>)	8	8	0
Total	5518	7176	36

Source: Household Survey, 2010

Table S2: Average quantity of MAPs collected by households in Nepal in 2005 and 2009.

MAP species	Quantity of MAPs collected (kg)			
	Baitadi		Darchula	
	2005	2009	2005	2009
Sugandhwal (<i>Valeriana jatamansii</i>)	39	123	48	47.5
Tejpat (<i>Cinnamomum tamala</i>)	0	9	688	477
Dalchini (<i>Cinnamomum tamala</i>), bark	0	0	65	455
Timur (<i>Zanthoxylum armatum</i>)	8	284	80	103.5
Chiraito (<i>Swertia chiriyita</i>)	0	0	59	162
Ritha (<i>Sapindus mukurosii</i>)	50	510	0	0
Lokta (<i>Daphne bholua</i>)	15	31	0	0
Jhyau (<i>Parmelia nepalensis</i>)	500	589	0	0
Amala (<i>Phyllanthus emblica</i>)	35	280	0	0
Other species	35	330	1.5	2
Total (kg)	682	2156	941.5	1247
Yarshagumba (<i>Ophiocordyceps sinensis</i>) (no. of pieces)	0	0	160	3415

Source: Household Survey, 2010

Table S3: Price increase for selected MAPs in Chhattisgarh, India after project intervention.

MAP species	Price received by producers in 2005 before project intervention (INR/kg)	Price received by producers in 2009 at the end of the project period (INR/kg)	Price increase (%)
Dhawaiphool (<i>Woodfordia fruticosa</i>)	1.25	6.00	380
Kalmegh (<i>Andrographis paniculata</i>)	2.00	9.00	350
Nagarmotha (<i>Cyperus scariosus</i>)	3.00	8.00	167
Tikhur (<i>Curcuma angustifolia</i>), powder	60.00	120.00	100
Aonla (<i>Phyllanthus emblica</i>)	12.5	22.5	80
Baichandi (<i>Dioscorea hispida</i>), chips	60.00	100.00	67
Baibiding (<i>Embelia ribes</i>)	20.00	25.00	25

Source: Field Survey, 2010; 1 USD = 45 INR in 2010

Table S4: Price increase in selected MAPs at the district level in Nepal after project intervention.

MAP species	Price received by producers in 2005 before project intervention (NPR/kg)	Price received by producers in 2009 at end of the project period (NPR/kg)	Price increase (%)
Sugandhwal (<i>Valeriana jatamansii</i>)	80	120	50
Tejpat (<i>Cinnamomum tamala</i>)	12	20	66
Dalchini (<i>Cinnamomum tamala</i>)	15	20	33
Timur (<i>Zanthoxylum armatum</i>)	20	24	20
Chiraito (<i>Swertia chiriyita</i>)	125	250	100
Ritha (<i>Sapindus mukurosii</i>)	10	23	130
Jhyau (<i>Parmelia nepalensis</i>)	35	65	86
Amala (<i>Phyllanthus emblica</i>)	20	30	50
Yarshagumba (<i>Ophiocordyceps sinensis</i>)	240,000	340,000	42

Source: Household Survey, 2010; 1 USD = 73 NPR in 2010