

Appendix I. Area (% of total cropped area), change in area during 1970-75 and 95 periods. [The data pertaining to area changes between 1970-75-95 is the mean of mixed + pure cropping practices, as the people were unable to recall pure/mixed crops separately]; and monetary value of the produce in plots protected from wild life (Mean \pm standard error of mean) of different crops in villages near and away from the core zone of the Nanda Devi Biosphere Reserve.

Crops	Near core zone and low altitude			Away from core zone and high altitude		
	% of total cropped area in 1995 n = 117 (%)	Increased (+) decreased (-)/no change (o) in % of total cropped area between 1970 - 75 and 1995 n = 46 (%)	Monetary Value (US\$/ha) n = 10	% of total cropped area in 1995 n=42 (%)	Increased (+) decreased (-) / no change (o) in % of total area between 1970-75 and 1995 n = 17 (%)	Monetary value (US\$/ha) n = 10
FOOD CROPS						
Monocropping						
<i>Amaranthus paniculatus</i>	4.4	+36	289 \pm 31	-	0	-
<i>Brassica campestris</i>	0.6 ^a	0	519 \pm 37 ^a	3.1 ^b	-	494 \pm 34 ^a
<i>Echinochloa frumentacea</i>	0	-100	-	0	0	-
<i>Eleusine coracana</i>	0.6	-10	311 \pm 28	-	0	-
<i>Fagopyrum esculentum</i>	7.7 ^a	0	337 \pm 21 ^a	16.3 ^b	-30	503 \pm 27 ^b
<i>Fagopyrum tataricum</i>	8.2 ^a	-19 ^a	343 \pm 30 ^a	2.3 ^b	-76 ^b	474 \pm 28 ^b
<i>Glycine max</i>	0	-100	-	0	0	-
<i>Hordeum himalayens</i>	5.6 ^a	-41 ^a	235 \pm s27 ^a	8.1 ^a	-60 ^b	239 \pm 15 ^a
<i>Hordeum vulgare</i>	4.0	-28 ^a	247 \pm 24	0	-100 ^b	-
<i>Pennisetum typhoides</i>	0	-100	-	0	0	-
<i>Panicum miliaceum</i>	0.6 ^a	-82 ^a	268 \pm 27 ^a	2.5 ^b	-79 ^a	310 \pm 27 ^a
<i>Phaseolus lunetus</i>	14.6 ^a	+43 ^a	549 \pm 62 ^a	8.6 ^b	+68 ^a	626 \pm 63 ^a
<i>Phaseolus vulgaris</i>	6.0 ^a	+40 ^a	906 \pm 27 ^a	8.9 ^a	+143 ^b	969 \pm 82 ^a
<i>Pisum sativum</i> (Var.1)	0.3	+25	485 \pm 49	0	0	-
<i>Pisum sativum</i> (Var.2)	0.3 ^a	-28 ^a	547 \pm 55 ^a	2.3 ^b	-50 ^b	647 \pm 44 ^a
<i>Solanum tuberosum</i>	6.6 ^a	+97 ^a	805 \pm 81 ^a	31.3 ^b	+650 ^b	1048 \pm 28 ^b
<i>Setaria italica</i>	0	-100	-	0	0	-
<i>Triticum aestivum</i>	21.3	+13	265 \pm 29	0	-	-
Mixed cropping						
<i>A.paniculatus</i> + <i>P.vulgaris</i>	3.4	-	842 \pm 92	-	-	-
<i>H.himalayens</i> + <i>Pisum sativum</i> (var.-2)	-	-	-	4.8	-	511 \pm 27

Crops	Near core zone and low altitude			Away from core zone and high altitude		
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<i>S.tuberosum + P.vulgaris</i>	10.1 ^a	-	1133 ± 115 ^a	7.1 ^b	-	1505±68 ^b
<i>S.tuberosum + P.vulgaris+ A.paniculatus</i>	4.0	-	1151 ± 75	-	-	-
MEDICINAL PLANTS						
<i>Allium humile</i>	0.9 ^a	-7 ^a	846 ± 79 ^a	2.3 ^b	-7 ^a	945 ± 87 ^a
<i>Allium stracheyi</i>	0.9 ^a	-6 ^a	502 ± 48 ^a	1.2 ^a	-13 ^a	560 ± 87 ^a
<i>Angelica glavacai</i>	-	-	-	0.3	+100	544 ± 57
<i>Carum carvi</i>	-	-	-	0.3	+100	971 ± 85
<i>Dactylorhiza hatagirea</i>	-	-	-	0.2	+100	786 ± 80
<i>Megacarpaea polyandra</i>	-	-	-	0.2	+100	272 ± 19
<i>Pleuroperum angelicoides</i>	-	-	-	0.2	+100	627 ± 60
<i>Saussurea costus</i>	-	-	-	0.3	+100	690 ± 68

^aVar.1 and Var.2 are the two local varieties of *Pisum sativum*, locally called *Mitha Matar* and *Kong Matar*, respectively (after Maikhuri *et al.* 2000a).