

Table 2. Vegetational parameters for trees in mid-elevational forests of Central Himayala.

Species	Hill Base (1300-1500 m)				Hill Slope (1500-1800 m)				Hill Top (1800-2000 m)			
	Density (ind ha ⁻¹)	MBA (cm ² tree ⁻¹)	TBA (m ² ha ⁻¹)	IVI	Density (ind ha ⁻¹)	MBA (cm ² tree ⁻¹)	TBA (m ² ha ⁻¹)	IVI	Density (ind ha ⁻¹)	MBA (cm ² tree ⁻¹)	TBA (m ² ha ⁻¹)	IVI
Eastern aspect												
<i>Acer oblongum</i>	-	-	-	-	30	95.6	0.8	16.9	10	81.5	0.8	6.6
<i>Cedrus deodara</i>	-	-	-	-	10	191.2	0.1	8.1	-	-	-	-
<i>Coriaria nepalensis</i>	20	127.4	0.3	16.8	190	117.8	2.2	88.3	180	110.0	2.0	71.0
<i>Cornus macrophylla</i>	-	-	-	-	-	-	-	-	40	100.3	0.4	22.7
<i>Cupressus torulosa</i>	40	138.8	0.6	39.3	50	164.1	0.8	30.8	-	-	-	-
<i>Myrraya exotica</i>	50	137.1	0.7	40.6	-	-	-	-	-	-	-	-
<i>Pinus roxburghii</i>	70	161.2	1.1	71.1	280	155.1	4.3	133.1	390	234.7	8.2	175.9
<i>Quercus leucotrichophora</i>	60	127.4	0.8	55.2	30	142.7	0.4	22.7	20	89.3	0.2	9.0
<i>Rhododendron arboreum</i>	-	-	-	-	-	-	-	-	20	172.1	0.3	14.8
<i>Rhus wallichii</i>	10	97.5	0.1	10.1	-	-	-	-	-	-	-	-
<i>Sapium insigne</i>	40	124.2	0.5	38.0	-	-	-	-	-	-	-	-
<i>Zanthoxylum alatum</i>	30	150.0	0.4	29.0	-	-	-	-	-	-	-	-
Total	320		4.5		590		8.6		660		11.9	
Western aspect												
<i>Acer oblongum</i>	90	226.2	2.0	41.8	50	99.1	0.8	26.8	50	154.1	0.8	35.4
<i>Coriaria nepalensis</i>	160	147.2	2.4	54.9	270	133.8	3.6	97.7	210	130.6	2.7	98.4
<i>Cupressus torulosa</i>	30	156.5	0.5	13.7	70	152.7	1.0	35.1	40	168.5	0.7	32.3
<i>Grewia optiva</i>	10	140.4	0.1	5.5	-	-	-	-	-	-	-	-
<i>Melia azedarach</i>	-	-	-	-	20	203.0	0.2	8.1	-	-	-	-
<i>Pinus roxburghii</i>	100	594.3	5.9	66.6	80	565.1	4.5	72.6	110	301.1	3.3	83.7
<i>Pyrus pashia</i>	40	174.0	0.7	19.7	-	-	-	-	-	-	-	-
<i>Quercus leucotrichophora</i>	90	388.4	3.5	47.4	130	112.0	1.3	49.9	50	301.1	1.5	35.0
<i>Sapium insigne</i>	90	173.6	1.6	45.0	20	143.8	0.4	9.7	20	127.4	0.3	15.2
<i>Zanthoxylum alatum</i>	10	127.4	0.1	5.4	-	-	-	-	-	-	-	-
Total	620		16.8		640		11.8		480		9.3	

Table 3. Vegetational parameters for saplings and seedlings in mid-elevation forests in Central Himamaya.

Species	Saplings						Seedlings														
	Hill Base (1300-1500 m)			Hill Slope (1500-1800 m)			Hill Top (1800-2000 m)			Hill Base (1300-1500 m)			Hill Slope (1500-1800 m)			Hill Top (1800-2000 m)					
	Density (ind ha ⁻¹)	TBA (m ² ha ⁻¹)	IVI	Density (ind ha ⁻¹)	TBA (m ² ha ⁻¹)	IVI	Density (ind ha ⁻¹)	TBA (m ² ha ⁻¹)	IVI	Density (ind ha ⁻¹)	TBA (m ² ha ⁻¹)	IVI	Density (ind ha ⁻¹)	TBA (m ² ha ⁻¹)	IVI	Density (ind ha ⁻¹)	TBA (m ² ha ⁻¹)	IVI	Density (ind ha ⁻¹)	TBA (m ² ha ⁻¹)	IVI
Eastern aspect																					
<i>Acer oblongum</i>	-	-	-	-	-	-	70	0.3	38.1	-	-	-	40	-	-	-	140	-	-	-	
<i>Cedrus deodara</i>	-	-	-	10	0.1	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Coriaria nepalensis</i>	90	0.4	68.5	210	0.8	85.1	80	0.3	46.4	40	40	40	150	30	-	-	-	-	-	-	
<i>Cornus macrophylla</i>	-	-	-	-	-	-	70	0.2	33.3	-	-	-	-	-	-	-	50	-	-	-	
<i>Cupressus torulosa</i>	10	0.1	12.5	50	0.2	27.5	20	0.1	11.5	-	-	-	-	-	-	-	60	-	-	-	
<i>Pinus roxburghii</i>	130	0.7	103.7	320	1.5	134.9	250	1.1	122.1	60	60	60	130	80	-	-	-	-	-	-	
<i>Quercus leucotrichophora</i>	90	0.4	65.4	90	0.4	38.9	70	0.4	29.2	80	80	80	10	40	-	-	-	-	-	-	
<i>Rhododendron arboreum</i>	-	-	-	-	-	-	30	0.2	19.1	-	-	-	-	-	-	-	30	-	-	-	
<i>Rhus wallichii</i>	-	-	-	10	0.03	6.4	-	-	-	-	-	-	70	-	-	-	-	-	-	-	
<i>Sapium insigne</i>	50	0.2	50	-	-	-	-	-	-	10	10	10	-	-	-	-	-	-	-	-	
Total	370	1.8		690	3.03		590	2.6		190	190	190	400	430							
Western aspect																					
<i>Acer oblongum</i>	50	0.3	93.2	20	0.1	35.3	-	-	-	20	20	20	-	-	-	-	-	-	-	-	
<i>Coriaria nepalensis</i>	40	0.2	81.9	80	0.4	112.7	50	0.2	82.4	60	60	60	30	70	-	-	-	-	-	-	
<i>Cupressus torulosa</i>	-	-	-	-	-	-	60	0.5	100.7	-	-	-	-	-	-	-	-	-	-	-	
<i>Pinus roxburghii</i>	10	0.1	23.7	50	0.3	77.9	50	0.3	94.8	50	50	50	10	10	-	-	-	-	-	-	
<i>Quercus leucotrichophora</i>	20	0.1	37.0	50	0.3	74.0	10	0.1	22.1	20	20	20	-	-	-	-	-	-	-	-	
<i>Zanthoxylum alatum</i>	40	0.2	64.2	-	-	-	-	-	-	20	20	20	-	-	-	-	-	-	-	-	
Total	160	0.9		200	1.1		170	1.1		170	170	170	40	80							

