

**B I O M A S S**

*G. pratense*: The above ground biomass calculated in terms of the dry weight of the plant growing at various sites ranged from 9.784 gms/m<sup>2</sup> to 13.830 gms/m<sup>2</sup> being minimum at S<sup>3</sup> and maximum at S<sup>4</sup>. At S<sup>2</sup> it was 10.600 gm/m<sup>2</sup> and at S<sup>1</sup> 10.615 gm/m<sup>2</sup>. The little variance noted was due to the fact that the biomass is primarily governed by uniform growth and soil conditions available in the forest ranges.

Under transplant conditions (S<sup>14</sup>) the biomass was 6.118 gms/m<sup>2</sup> (Table 32).

*G. wallichianum*: The maximum biomass was accumulated by the plants growing at S<sup>5</sup> (10.525 gms/m<sup>2</sup>). At S<sup>1</sup> 8.750 gms/m<sup>2</sup> and S<sup>3</sup> 9.650 gms/m<sup>2</sup>.

Under transplant conditions (S<sup>14</sup>). The biomass of these plants was 7.160 gms/m<sup>2</sup> (Table 33).

*G. nepalense*: They were found at four sites. The biomass ranged between 6.125 gms/m<sup>2</sup> and 8.850 gms/m<sup>2</sup> being minimum at S<sup>8</sup> and maximum at S<sup>1</sup>. However at S<sup>6</sup> 7.610 gms/m<sup>2</sup> and S<sup>7</sup> 6.835 gms/m<sup>2</sup> biomass was estimated.

The plants collected from these sites and transplanted under uniform conditions (S<sup>14</sup>) accumulated 5.055 gms/m<sup>2</sup> biomass (Table 34).

*G. pusillum*: The site selection was done on the basis of availability of material and approach. The

Table 32. *Getanum ptatense*

Site	Density Ind/m	Biomass gms/m <sup>2</sup>
S <sub>1</sub>	3	10.615
S <sub>2</sub>	4	10.600
S <sub>3</sub>	5	9.784
S <sub>4</sub>	3	13.830
S <sub>14</sub>	4	6.118

## BIOMASS

Table 33. *Getanum dallrichianum*

Site	Density Ind/m	Biomass ms/m <sup>2</sup>
S <sub>1</sub>	4	8.750
S <sub>3</sub>	4	9.650
S <sub>5</sub>	6	10.525
S <sub>14</sub>	4	7.160

Table 34. *Geranium nepalense*

## BIOMASS

Table 35. *Geranium pubellum*

Site	Density Ind/m <sup>2</sup>	Biomass gms/m <sup>2</sup>
S <sub>1</sub>	8	8.850
S <sub>6</sub>	8	7.610
S <sub>7</sub>	5	6.835
S <sub>8</sub>	6	6.125
S <sub>14</sub>	6	5.055

Site	Density Ind/m <sup>2</sup>	Biomass gms/m <sup>2</sup>
S <sub>6</sub>	10	5.125
S <sub>9</sub>	5	4.225
S <sub>10</sub>	8	4.420
S <sub>11</sub>	8	4.780
S <sub>12</sub>	10	4.590
S <sub>13</sub>	10	5.420
S <sub>14</sub>	8	4.120

density of these plants at various sites was recorded.

The plants growing at  $S^{13}$  accumulated maximum biomass 5.420 gms/m<sup>2</sup>, at  $S^6$  5.125 gms/m<sup>2</sup>, and at  $S^9$  being 4.225 gms/m<sup>2</sup> being the minimum.

Under transplant conditions ( $S^{14}$ ) the biomass accumulated by these plants was 4.120 gms/m<sup>2</sup> (Table 35).