

1108. Dadhwal, K.S. and Singh, B. 1993. Rooting behaviour of different plant species in limestone mined area. *Indian For.*, 119(1):71-74.

Presents the results of a study undertaken to evaluate rooting behaviour of tree, shrub and grass species viz., *Eucalyptus* hybrid, *Grewia optiva*, *Bombax ceiba*, *Bauhinia retusa*, *Leucaena leucocephala*, *Ipomoea carnea*, *Agave americana*, *Pueraria hirsuta*, *Arundo donax*, *Pennisetum purpureum*, *Brachiaria mutica*, *Chrysopogon fulvus* and *Eulaliopsis binata* on abandoned limestone minespoil from outer Himalayas (Mussoorie hills). Highest soil binding factor was found in *Leucaena leucocephala* (502), *Agave americana* (624) and *Pennisetum purpureum* (1736). Total root length was also recorded highest in the said species.