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Diversity of medicinal plants their scientific uses and conservation in Alaknanda valley, Uttarakhand, India

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This study is very important for future generations because the medicinal plants used in various traditional systems for the traditional medicines in the valley of Alaknanda of Uttarakhand Dev Bhumi, India. An ethno-medicinal survey was done in the year 2012-14 in various areas of Alaknanda valley, the information on ethno-medicinal importance of the different plant species were collected through interviews and discussions with the local people living in the Valley. Total 101 plant species are generally used for medicinal purposes were recorded in the survey. In the most of the cases, the underground plants (roots/rhizomes/tubers) 25% are used for medicinal purposes, 20% leaves, the whole plant 16%, barks 11%, fruits 9%, flowers 7%, stems 5% and seeds 7% of the plants. It is observed that some commercially important medicinal plant species are facing great threat due to habitat degradation, over exploitation and unscientific harvesting in the study areas.

Biography

Indra Prasad Pandey has Completed PhD in from HNB Garhwal Central University Published 225 papers in national and international Journals. Total no. of Ph.D and D.Sc. conferred are 65 under the guidance. Presently he is the Professor Emeritus, coordinator and Jt. Editor of Universities 'Journal of Phyto-chemistry and Ayurvedic Heights'.

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