

## 6 Shikrhha:

Digger version of the kilta, used for carriage of bulky material like dry leafs, hay, Ddried pine needles, grass etc., over a short distance. It is woven loose with numerous openings for carriage of mostlylight material.



# 7 Naoli/Woolety /Bhoaltey:

sed by shepherds for carrying wool. Also protects the wool from rodents, as it is hung on the walls of homes.

### 8 Kannoroh:

arge round container of approximately 3' X 3' woven tight and plastered with cow dung. Used for winnowing of grains and pulses, especially wheat, rice, barley, urad, rajmash, etc.

## 9 Measuring Aids:

number of items of bamboo basketry are A found in each household for measuring the grains, etc. Chhotru, Taath, Ser, in order of decreasing easure, respectfully.

Besides, these main items of bamboo basketry, a number of other items are prepared for household use. Notable being Naoli/Bhoaltey/ Woolety (for storage of wool); Kannoroh (Large round container used for winnowing of grains and pulses, etc., and later storage); Shup (for small quantity winnowing).

Desource use is an issue of significance for the local stakeholders, with these hill bamboos, since, these species have been found to form one of the most versatile local raw material associated with day to day life of rural household in the region. Be it a carriage material, storage of grains, plucking of apples, winnowing of grains, forming live hedges, stakes for cash crops etc., these native bamboos come in very handy.

#### Tokri:

A container shaped basket, which comes in varied shapes and styles as per the requirement of usage. Tokri is used to store and keep warm rotis and food times in the kitchen, besides it is an essential aid during apple plucking. The Kaonda, which comes with a designer lid and handle is used to carry sweetmeats, while visiting relatives and other social events.







#### DIRECTOR

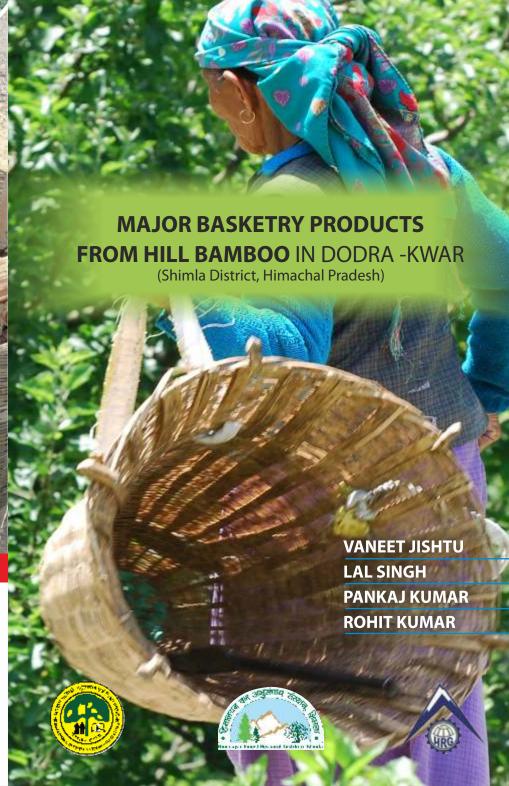
Himalayan Forest Research Institute

Conifer Campus, Panthaghati, Shimla-171 013 (H.P.) Ph.: 0177-2626778, Fax: 0177-2626779









# **FROM HILL BAMBOO** IN DODRA -KWAR

The people of Dodra-Kwar specialize in making baskets and other handicrafts from 'Hill Bamboo, commonly known as Ringal or Nirgal Bamboos' for their day to day usage and some also earn their livelihood from this vocation.

Nirgal, as it is locally known in the Dodra-Kwar area is a group of dwarf bamboos occupying montane regions in the tropical regions of the world. This little studied group of plants is extremely significant from ecological and socioeconomic point of view. Out of about 136 species belonging to 30 genera of bamboos in India, Hill Bamboos account only for 3 genera and 23 species. Major diversity of Hill Bamboos is found in the Eastern Himalayas, while the NW and Western Himalayas have only 4 species belonging to 2 genera, with only 2 species i.e. Drepanostachyum falcatum and Thamnocalamus spathiflorus being recorded from Himachal Pradesh.

Hill Bamboos form a versatile raw material and are put to multifarious uses especially in the hilly terrains of Himalayas. Almost every household in the region uses the Hill Bamboos or products made of it on day-to-day basis. Hill Bamboos forms moderately dense to dense undergrowth in the Ban Oak and Deodar forests (Drepanostachyum falcatum) and in the Fir, Spruce, Mohru and Kharsu Oak forests (Thamnocalamus spathiflorus).

- >> Drepanostachyum falcatum (Nees) Keng f. (= Arundinaria falcata Nees; Sinarundinaria falcata Chao & Ren.). It is found at the lower elevations of around 1,000 m and extends upto 2,100 m. It is an evergreen bamboo with a flowering period of ca. 30 years.
- >> Thamnocalamus spathiflorus (Trin.) Munro; (= Arundinaria spathiflora Trin.). This is a species of the higher moist temperate zone and can be encountered in an altitudinal zone ranging from 2,100 3,650 m. It is a much stouter and taller evergreen species with the flowering period of around ca. 17 years.





