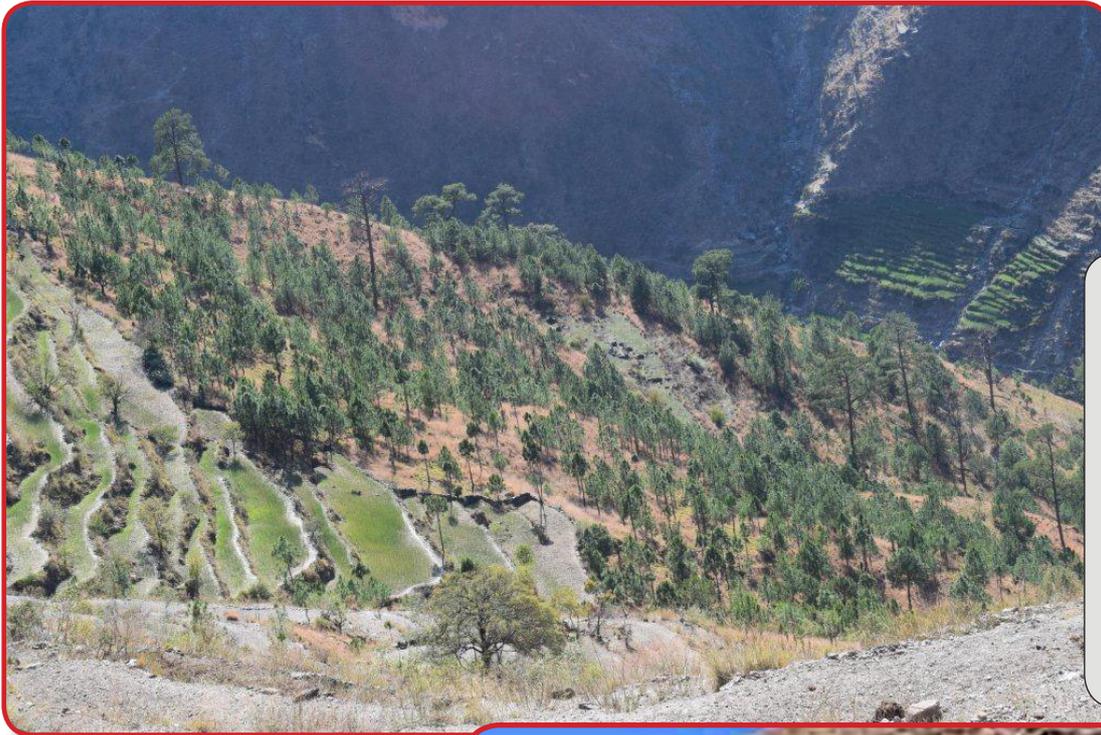


**Himalayan Permaculture Centre
Report November 2017 - April 2018
Photo Gallery – Humla**



Left - an area of forest that has been protected for a number of years by the villagers of Sirupata (Tel Gaun). Although just single storey pine, the area is protected from fire and livestock, and the trees and grass growing under them allow soil building.....



Right - unlike the soils on this slope nearby, that are grazed and burned annually, leading to an on-going degradation of soil amount and quality, sustaining just a few mouthful of poor grass for the sheep and goats that graze it. South-facing, hot and dry, these slopes are not allowed to support the life they could.



Left - The villagers of Tel Gaun (Adanchuli Krishi group) meet with staff at HPC's Resource Centre (RC) in Humla to discuss strategies and activities to regenerate the degrading hillside below their village. A combination of protection from fire and grazing animals with the planting of trees are discussed.



Left - into action, the Adanchuli Krishi group of Tel Gaun have started by planting *Bakaino* (Persian Lilac) trees along the steep path on the bare slope, protecting with rocks to provide a sheltered micro-climate. *Bakaino* is quick growing tree, a relative of *Neem*, that will tolerate frost, and provides bee forage, medicine, fuel wood, timber and fodder for goats.

Right - Mr Nanabir Rawal's kitchen garden in Bhadauda village, with hot bed in the background and newly dug and planted fruit nursery behind.



Left - as in Surkhet, women in Humla are being introduced to innovative ways to cook local food that increases diversity and nutritional content. This training is for Bhaubaikalpik group of Bhadauda village, provided by health assistant Mrs Sukuma Karki-Buddha.

Right - drinking water filters are distributed to households in remote Majpur village (Banadev Krishi group). HPC is providing domestic drinking water filters to all households in its Humla working areas (274 households) and 125 households of its Surkhet areas. Each household is providing NRs 500/- towards their filter.



Right - Mrs Nandakala Buddha's kitchen garden in Dapka village, one of the 5 farms making up the Humla resource centre - even though it's still just over a hectare. Out of 577 homes/farms in HPC's working area in Humla, **514** now have kitchen gardens, up from 107 at the start of the program in 2012. As a direct result, consumption of vegetables has risen and are available for longer in the year. Below - a farmer planting fruit trees on his land, 1 of **141 Humla farmers** that have planted **1859 fruit trees** this winter.



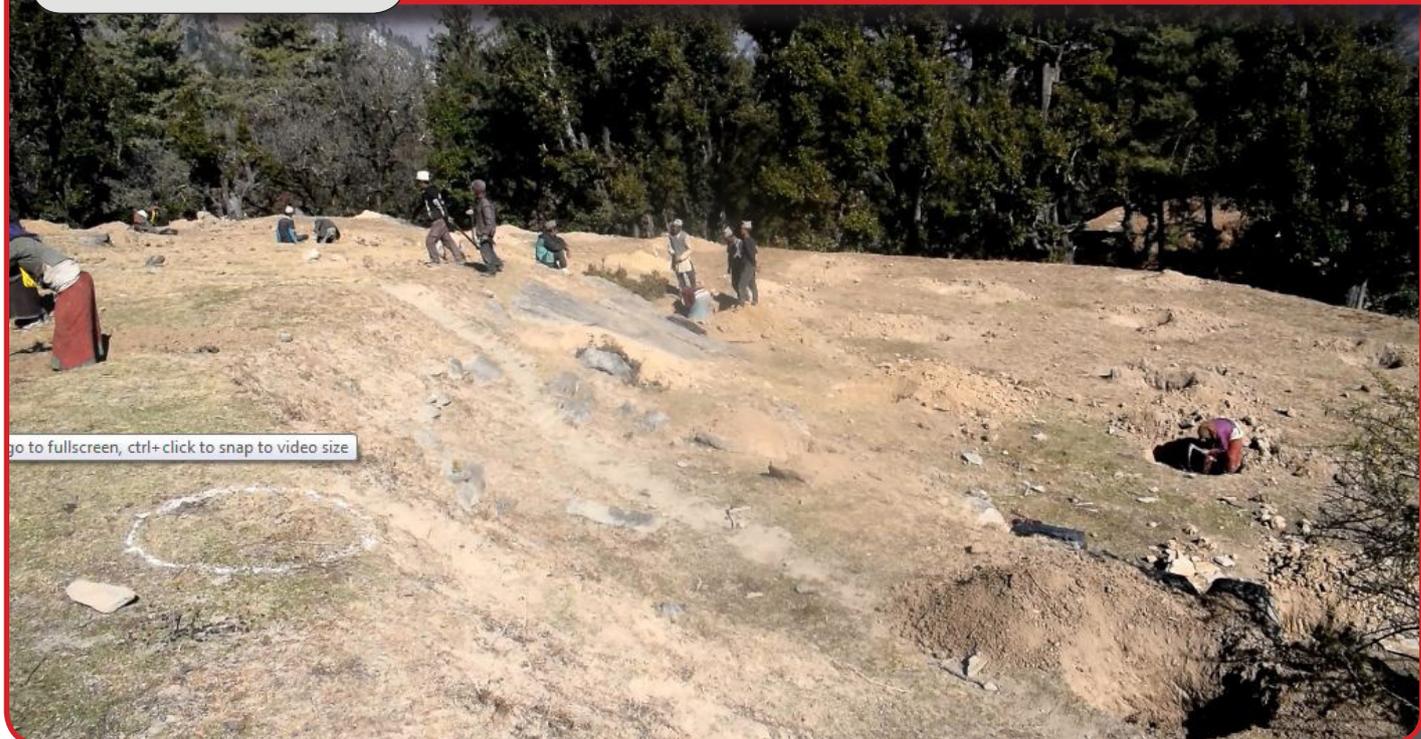
Left - HPC barefoot consultant Sagun Bohora demonstrates making leaf pots to a group of trainees on a mobile farmers' training. Leaf pots are a way of increasing the planting time available for certain varieties such as pumpkins, cucumbers and legumes by being able to raise them in a nursery until the planting season arrives.



left - Farmers on training play the "web of life" game where they assume an element in the design, such as pond, path, apple tree, chicken, nettle, etc., and forge links through needs and yields with other elements in the system. In this way a web of connections is created that results in low input, high output and resilient gardens.



Right - participants on a technical training learn grafting. From January through to March is grafting season - this year over 7000 trees have been grafted including apple, peach, plum, pear, almond, walnut and apricot, all on local wild rootstock that Humla abounds in.
Below - villagers dig pits for planting fruit trees on Madana lekh, a 3400m ridge between Madana and Kalika villages.



Right - HPC Humla co-ordinator Paumal Aidi sows walnut rootstock in his home nursery. Next year they can be grafted with valuable soft-shelled walnut scion, and hopefully he will have several hundred that succeed to be sold locally within the district.

Below - participants on a women's health training play a game needing cooperation and contact - passing the ball from chin to chin!



click to snap to video size



Right - Humla technician Rage B.K. leads a demonstration session on fruit tree pruning to farmers that are training as barefoot consultants. As well as knowing their technical subjects they also need to have basic teacher training skills to be able to deliver the subject effectively.



click to snap to video size