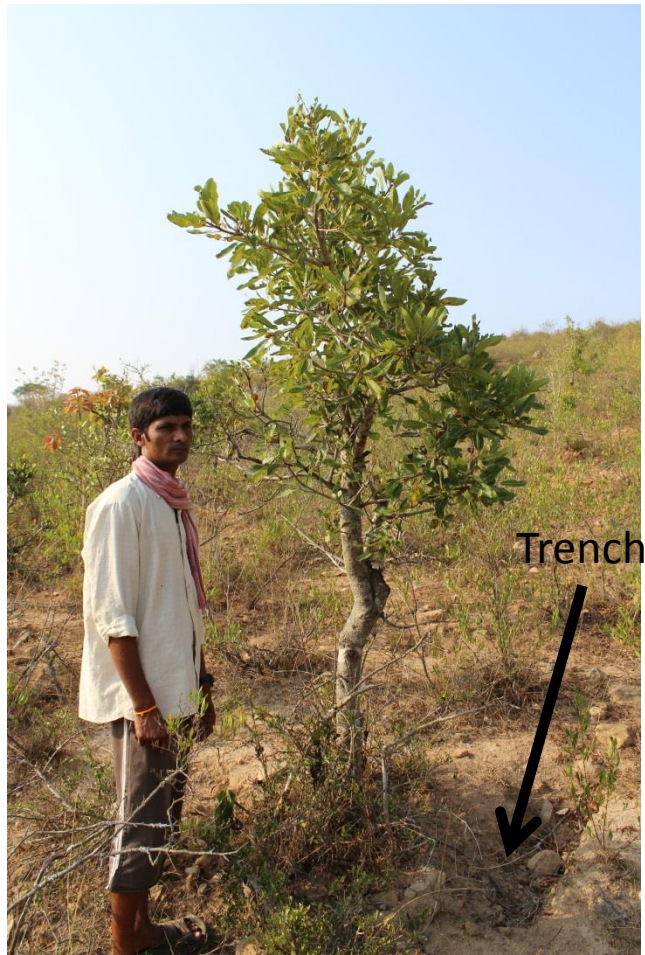


Natural Juvenile Plant Support - A Low cost and effective reforestation technique

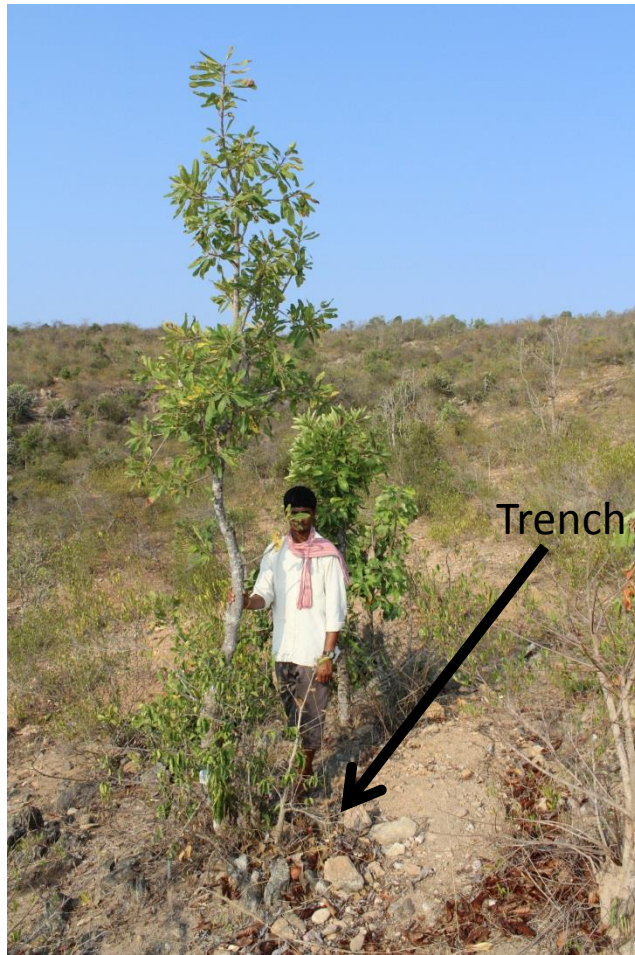
A Junglescapes' Innovative Initiative

Natural Juvenile support – example 1



- Water harvesting trench helps natural plant grow faster
- Trench made 30 months back when plant was 4 feet tall
- Plant is now 9 feet tall
- Plant is green despite a year of drought

Natural Juvenile support – example 2



- Water harvesting trench helps natural plant grow faster
- Trench made 30 months back when plant was 4 feet tall
- Plant is now 11feet tall
- Plant is green despite a year of drought

Natural Juvenile Support - Advantages

- Natural plants are hardier than nursery saplings as they are native and have already survived around 4 years
- Success rate of this method is 100%
- This process can help build a tree canopy faster (~ 6 years) with many canopy-based benefits like avoidance of lantana, nesting for birds that do seed dispersal, etc.
- There is minimal interference with the natural diversity
- The water harvested helps adjacent vegetation and grass growth as well
- Trenches help prevent water run-off

Natural Juvenile Support - Cost

- This is a low cost reforestation technique
- Making a trench (L–4 ft, W–1 ft, Depth–6 in) costs Rs 5
- At 200 natural juveniles per acre, the cost of restoration is extremely low at Rs 1000 per acre
- This gives the opportunity to restore a far larger habitat area per rupee spent compared to other methods like sapling planting
- 100% of spend goes to local community as wages

Junglescapes 2013 plan



Gandade Mara Gudde

- Cover 40000 natural juveniles on the “Gandade Mara Gudde” near Bandipur at a cost of Rs 2 lakh
- Gandade Mare Gudde (Sandalwood Tree Hill) once had plenty of sandalwood trees (none left now) and is badly degraded
- Large hill of around 8 sq kms area – connects Lokkere reserve forest to Bandipur NP

Sponsor request

- Corporate and Individual sponsors are requested to support this project
- Individual donors can support starting with 200 natural juveniles at a contribution of Rs 1000
- Project will start in mid June 2013 when SW monsoon sets in
- Hopefully we can see Gandade Mare Gudde back to appreciable vegetation in 3 years
- The area is isolated and an excellent habitat for wild animals, so the benefits to wildlife will be significant

Thank you