





## SOWING HISTORY, GROWING CULTURE, PLANTING LANGUAGE: CSKT'S WHITEBARK BIO CULTURAL RESTORATION.



Presented by ShiNaasha Pete

Confederated Salish and Kootenai Tribal Forestry

Reforestation Forester

- An Overview of Whitebark Pine (WBP) on the Flathead Reservation.
- Ecosystem Management of WBP implements culture considerations
- Implementing our management plans to move beyond current and future obstacles.
- Current CSKT Forestry's Methods for WBP Restoration.

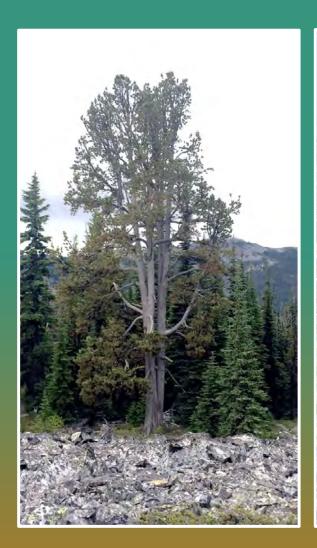
#### WHITEBARK PINE ON THE FLATHEAD RESERVATION

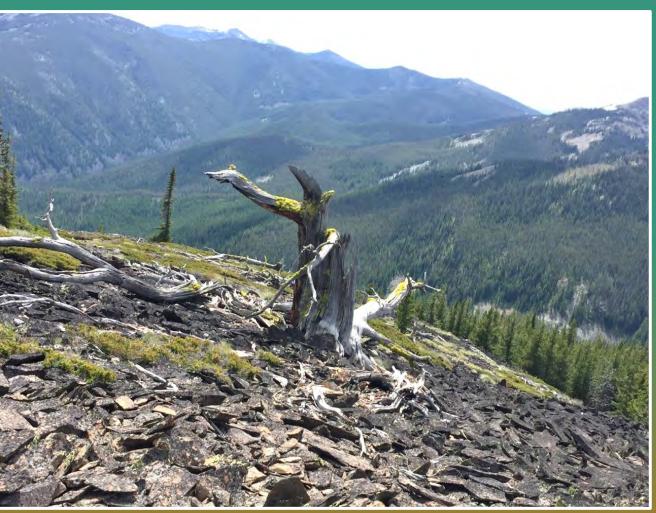
- 1.3 million acres (526,091 hectares)
- 256,757 acres (103,905 hectares) of forest.
- 105,000 acres (42,492 hectares) of Whitebark pine habitat.

- Forest Type
  - Subalpine series to Timberline series
- Habitat Type
  - ABLA/PIAL/VASC



### ECOSYSTEM MANAGEMENT EMPHASIZES CSKT CULTURE

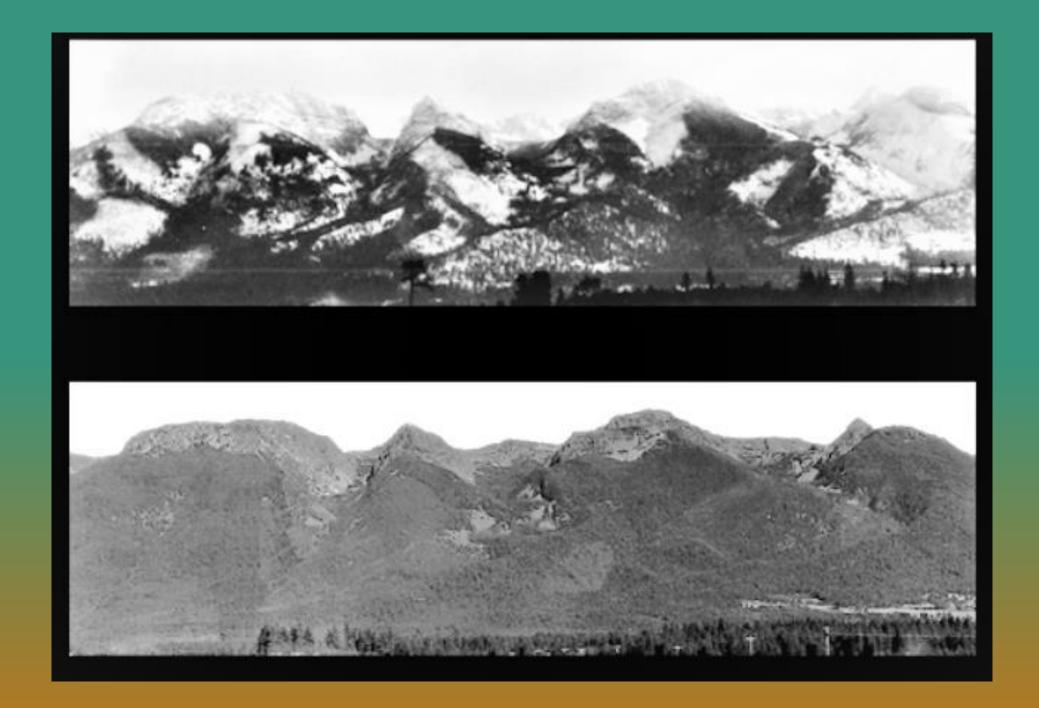














# HOW WE WILL IMPLEMENT THE RESTORATION PLAN TO MOVE BEYOND CURRENT AND FUTURE OBSTACLES.













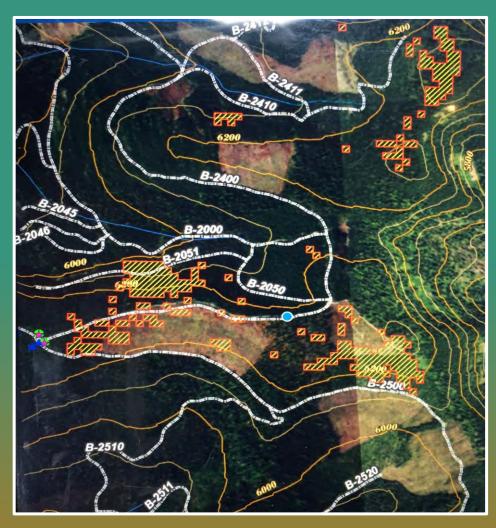




# THE BEGINNING OF OUR WHITEBARK PINE RESTORATION

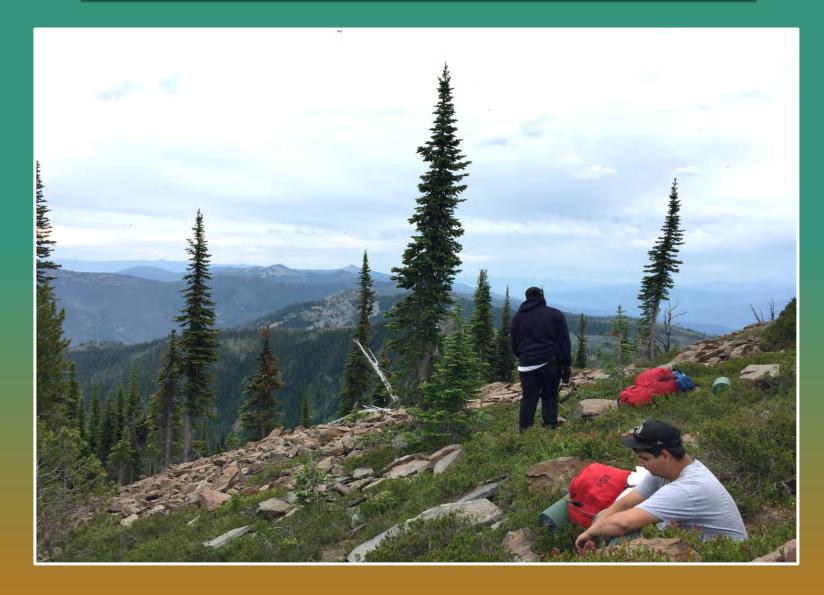


WBP Restoration Units, Boulder 2700 Salvage Sanitation.



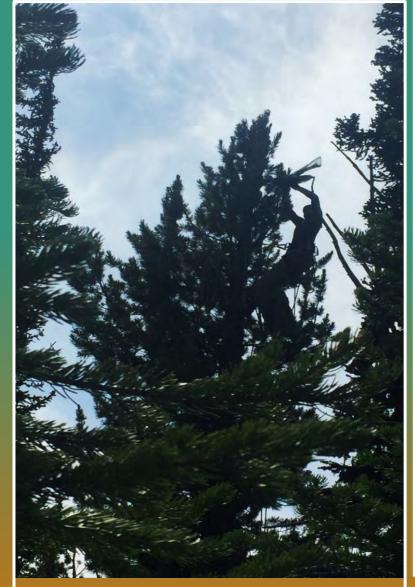
WBP CV Map, Boulder Area

## CSKT FORESTRY METHODS FOR WBP RESTORATION





### CONE COLLECTING

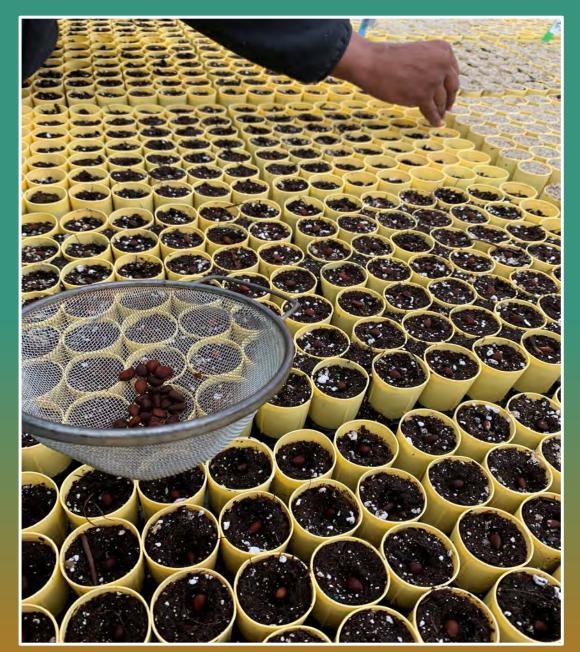






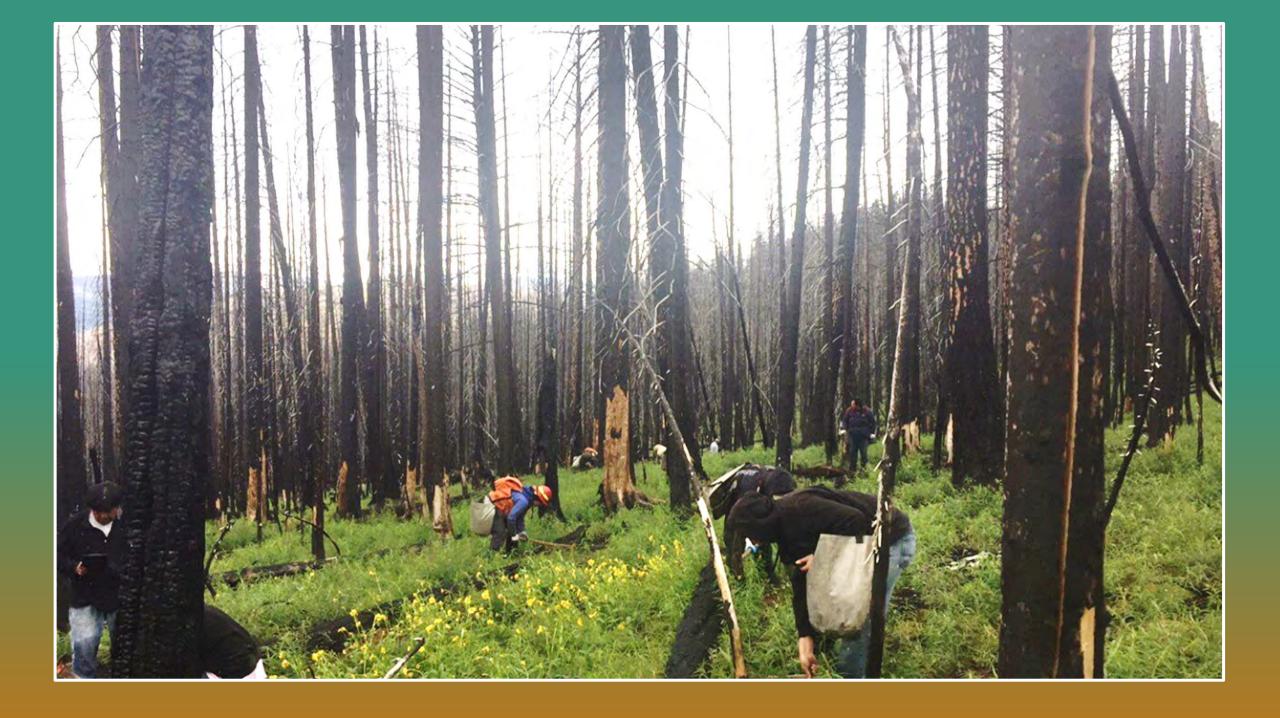










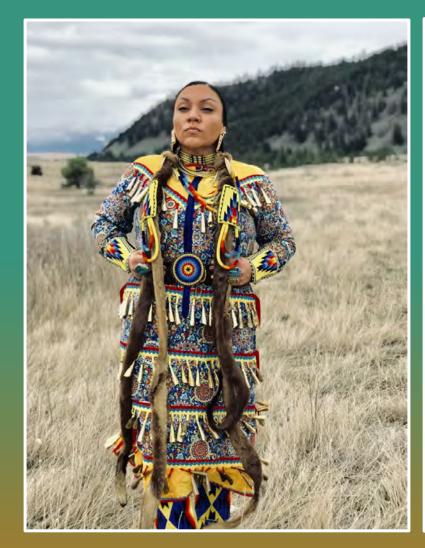
















#### REFERENCES

- Climate action: Impact and Solutions [manuscript]. CRC Press Taylor & Francis Group.
   Chapter 7, Scilpalq: Biocultural restoration of whitebark pine on the Flathead Reservation.
- 2. Confederated Salish and Kootenai Tribes. Flathead Indian Reservation management plan: an ecosystem approach to tribal forest management. Pablo (MT): CSKT; 2000.
- 3. Pfister RD, Kovalchik BL, Arno SF, Presby RC. Forest habitat types of Montana. Ogden (UT): U.S. Government Printing Office; 1977.

Figure Captions

Figure 7.1. Caged whitebark pine cones after collection by CSKT tree climbers in autumn. Photo credit: ShiNaasha Pete

