**Whitebark Pine Reforestation/Planting Database for the Greater Yellowstone Ecosystem**

Progress Report December 2011

Prepared By Nancy Bockino & Ellen Jungck

**Progress Report**

As of November 10, 2011, the following has been accomplished:

* Each unit in GYE has been contacted and planting, survival data requested. Responses below:
  + Beaverhead-Deerlodge – no plantings (except small one on old mine site)
  + Bridger-Teton – no plantings
  + Caribou-Targhee – database provided
  + Custer – no plantings (except by Gallatin on corner of Custer NF)
  + Gallatin – yes, no data received yet
  + Shoshone – yes, data is being extracted from FACTS
  + Grand Teton NP – no plantings
  + Yellowstone NP – Research planting on Dunraven Pass
* Database created using Kay Izlar master’s work, combined with additional data received.
  + This data base has a variety of attributes for each record including: date, location, district, stand number, acres, total, average trees, survival, method of planting, stock, seedling age, nursery, slope , aspect, elevation, landform, EUI, habitat type, comments, stand history, contract of force account, soil name.
  + Not all records are available for each planting project.
* FACTS database query/investigation by N.Bockino, E. Jungck, T.Bruch.
  + For forests with plantings, activity codes 4431 and 4432 were queried and compiled.
  + Species planted is an optional field in the database.
  + WBP plantings prior to 2004 were coded under regional coding structures and may be very different from forest specific FACTS Ids used after 2004.
  + Silviculture FACTS reporting deadlines are typically at the end of each October. Each forest may have their own reporting schedule that may be more frequent to trouble shoot data prior to the end of the fiscal year reporting requirement (end of October).
  + FACTS reporting does include spatial data. However, prior to 2004, spatial data may not be as spatially accurate as that entered after 2004.FACTS records available depend on unit-by-unit input efforts.
* Proposed GYE-Wide WBP project database created
  + In order to track all WBP activities in the GYE including: planting, seed collection, pollen collection, scion collection, thinning, daylighting, tree protection, etc.

Contacts Available (ideas for acquiring seedling/planting information):

* Glenda Scott – Regional Reforestation ([glscott@fs.fed.us](mailto:glscott@fs.fed.us); 406.329.3122)
* Steve Dibble – FACTS coordinator ([sdibble@fs.fed.us](mailto:sdibble@fs.fed.us); 801.625.5530)
* Lucky Peak Nursery (208.343.1977)
* CDA Nursery
* Charles E. Bessey Nursery (Richard Gilbert; [regilbert@fs.fed.us](mailto:regilbert@fs.fed.us); 308.533.2257)
* Kay Izlar (MS Thesis)