

Chris Servheen

From: Chris Servheen
Sent: Tuesday, May 29, 2012 9:50 AM
To: Mark Haroldson; 'T van Manen, Frank'
Cc: 'Tyers, Dan -FS'
Subject: whitebark synthesis task list
Attachments: Grizzly Bear WBP Straw Man (2).doc

Mark and Frank,

I realize I have Frank's old address as the only address in my address book so if someone has a better address please let me know.

As you arrive and get into the saddle, Frank, one of the main tasks I see in your future is the refinement of the whitebark synthesis task list. I had a conference call last week with my director and other luminaries on this issue. Previously the IGBC had a long conference call on this issue. The result of these calls is there is unanimity of opinion and direction to proceed with this synthesis on the issue of WBP and grizzly vital rates over the next 18 or so months and to also include any other major foods that we need to include in this synthesis.

Mark drafted the attached task list for this effort. I would hope that you and Mark and Dan could go over this list and refine it and build timelines for each item and a lead(s) for each item so we can get this train moving out of the station. The effort will be of major importance for informing development of a new delisting rule. We really need hard leader assignments and due dates for each item, the possible additional costs for each item, and the data needs for each item and who has/will be collecting these data. There is some potential funding to get these tasks completed but we need to know any necessary costs ASAP as the fiscal year is running out.

What I suggest is that you 3 work on refining these items and the leads/due dates and cost for each item. Once you have this well in hand, I will come over and we can meet to go over these items and pursue funding as necessary.

The agencies are all counting on IGBST to lead this process and to do complete it by the fall (October) of 2013.

Thanks,
Chris

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<http://www.fws.gov/whitenosesyndrome/>

"If there are no dogs in heaven, then when I die I want to go where they went." - Will Rogers

Components of the Grizzly Bear-WBP Synthesis document for FWS

Straw man 18 April 2012

1) WBP

- a. WBP current condition on the Landscape and Trend 2007-2011, 2012 (Kristin Legg and Kathy Irvine)
- b. WBP recruitment (Master project, in progress, Erin Shanahan)
- c. WBP genetics, Rust Resistance (Mary M.)
- d. Future WBP under climate change (?)

2) Grizzly Bear and WBP

- a. Brown bear diets world wide and Stone Pines (?)
- b. Contrast NCDE and GYE, loss of WBP in NCDE (?)
- c. Grizzly bear vital rates and WBP effects, Trend through time (Study Team, in progress)
- d. Density dependence and WBP (?)
- e. Ungulate numbers in the ecosystem (?)
- f. Grizzly bear body condition (% fat) trend through time and WBP effects (Study Team, in progress)
- g. Grizzly food habitats using Isotopes, Meat verses Vegetation (Chuck, in progress)
- h. Grizzly bear use of large ungulates from GPS, trend in use through time (Study team, in progress)
- i. Predictors of fall mortalities, indices of population verses WBP (Study Team, in progress)
- j. Landscape analysis of fall (or hunting) mortalities in multiple use lands (Study Team, in progress)
- k. Mechanistic models relating condition to denning and reproduction??
- l. Home range size trend through time, before and after WBP loss (Study Team, not started)

3) Concluding section, bringing it all together