From:	van Manen, Frank
To:	Landenburger, Lisa A -FS
Cc:	Fortin-Noreus, Jennifer; mark_haroldson@usgs.gov; Tyers, Daniel - FS
Subject:	Re: quick question
Date:	Tuesday, March 08, 2016 9:38:47 AM
Attachments:	2470 RRM-NR-WP-13-01 Future status of whitebark pine 12012013 vers 5.pdf

Lisa and Jennifer,

I know Mary Mahalovich is still working on this aspect of WBP ecology. However, she synthesized a lot of that information in the attached report, which we cited in the Food Synthesis report.

Given the findings of the Food Synthesis report and associated papers, will the FWS recommend continued monitoring of blister rust resistance post-delisting ?

Frank

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Phone 406-994-5043
http://nrmsc.usgs.gov/research/igbst-home.htm
****

On Tue, Mar 8, 2016 at 8:36 AM, Landenburger, Lisa A -FS <lalandenburger@fs.fed.us> wrote:

> Dan, Frank, Mark, – can you help me here?
>
> Jennifer,
>
> I believe the slide you refer to was most likely referring to the White Bark Pine Subcommittee (WBPSC) that was established in 2000, but I'm not certain. The GYCC established the WBPSC to conduct long-term monitoring of whitebark throughout the ecosystem. This subcommittee has subsequently formed alliances with other agencies (FS, NPS, USGS, and MSU) resulting in the Greater Yellowstone WBP Monitoring Working Group (GYWPMWG) which conducts peer-reviewed research on health, status & trends of WBP throughout the GYE.
>
> Also – Mary Mahalovich (USDA Regional Geneticist, Rocky Mountain Research Station) conducts peer-reviewed research on "super" or "plus" trees that prove resistant to blister rust. She is wired into the whole plus tree program.
>
> Guys, am I steering Jennifer in the right direction here?

Lisa

From: Fortin-Noreus, Jennifer [mailto:jennifer.fortin-noreus@mso.umt.edu]
Sent: Monday, March 07, 2016 3:10 PM
To: Landenburger, Lisa A -FS <lalandenburger@fs.fed.us>
Subject: quick question

Hi Lisa,

Quick question that I hope you can answer. On an old slide from the last delisting public hearings there is a sentence that says 'presence of mature whitebark pines that may be genetically resistant to blister rust' is one of the items that will be monitored post-delisting. Do you know if this is still the case and who was doing it?

Thanks!

Jennifer

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