From: Lohoefener, Ren
To: Noreen Walsh
Subject: Re: focus on invasives
Date: Wednesday, June 04, 2014 8:33:50 AM

Thanks

What Ken is doing seems to me to be the foundation for actions to be taken. What we need to do is akin to what we need to do with fire, put together the high level strategy for funding and management into the future...

ren

On Tue, Jun 3, 2014 at 5:54 PM, Noreen Walsh <noreen_walsh@fws.gov> wrote:

> I can not recall if we discussed this. Apologies for duplication.
>
> This work funded by the GBLCC is an offshoot of the Ken Mayer work we have funded WAFWA to do. They have "sub-contracted" the Center for Invasive Species Management @ Montana State University to focus on the invasives piece:
>
> > **Objectives:** The objectives project are to: (1) describe the invasive plants that pose the greatest risk to GSG and their habitats, with an emphasis on Cheatgrass and other invasive annual grasses, and summarize key information and evidence-based standards for management; (2) develop a draft invasive plant management "matrix" with a focus on adaptive management; (3) identify and accurately characterize invasive plant management programs, initiatives, and partnerships in project area; (4) assess capacity and overall program effectiveness to conserve and restore GSG habitats, and identify areas where programs may improve capacity; (5) identify and describe primary invasion pathways and vectors and other risk factors, and (6) where possible at a landscape scale describe current infestation levels and estimate average rates of spread.
>
> Noreen Walsh
>
> Regional Director
>
> Mountain-Prairie Region
>
> U. S. Fish and Wildlife Service

303 236 7920

The Mountain-Prairie Region of the U. S. Fish and Wildlife Service: *We provide conservation stewardship of some of America's most scenic lands, to ensure healthy fish and wildlife for the enjoyment and benefit of all people.*

From: DElia, Jesse [mailto:jesse_delia@fws.gov]
Sent: Tuesday, June 03, 2014 2:18 PM
To: FW6 Sage-grouse Biologists; FW6 Sage-grouse FMT
Cc: Mike Gregg; Cyndi Sidles
Subject: Fwd: GBLCC has funded: Invasive Species Management Contributions to Greater sage-grouse Conservation - and some if it is in your LCC

fyi

---------- Forwarded message ----------
From: **Zylstra, Stephen** <stephen_zylstra@fws.gov>
Date: Tue, Jun 3, 2014 at 12:40 PM
Subject: Fwd: GBLCC has funded: Invasive Species Management Contributions to Greater sage-grouse Conservation - and some if it is in your LCC
To: Jesse DElia <jesse_delia@fws.gov>

FYI

Stephen Zylstra

Assistant Regional Director - Science Applications

USFWS - Pacific Region

911 NE 11th Ave., Portland, Oregon 97232

503-231-6237 - office

503-522-5780 - cell

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"The good thing about science is that it's true whether or not you believe in it" – Neil deGrasse Tyson

---------- Forwarded message ----------
From: **Todd Hopkins** <todd_hopkins@fws.gov>
Date: Mon, Jun 2, 2014 at 2:38 PM
Subject: GBLCC has funded: Invasive Species Management Contributions to Greater sage-grouse Conservation - and some if it is in your LCC
To: Mary Mahaffy <mary_mahaffy@fws.gov>, Sean Finn <sean_finn@fws.gov>, Rebecca Fris <rebecca_fris@fws.gov>, John Rice <JRice@usbr.gov>, Mike Olson <michael_olson@fws.gov>, James Broska <James_Broska@fws.gov>, Aimee Roberson <Aimee_Roberson@fws.gov>
Cc: Rob Campellone <rob_campellone@fws.gov>, Ken Berg <ken_berg@fws.gov>, remingtontom@msn.com, Linda Kelly <ljkelly@blm.gov>, Dana Roth <dana_roth@fws.gov>, Stephen Zylstra <Stephen_Zylstra@fws.gov>, Ben Thatcher <ben_thatcher@fws.gov>, Elsa Haubold <Elsa_Haubold@fws.gov>

Fellow Science Coordinators & ARDs,

I wanted to let you know that we had a little year-end $$, and decided to fund the Center for Invasive Species Management @ Montana State Univ. for the study in the subject of this email. The "ask" for this came from the WAFWA Fire & Invasive Species Working Group which we've been working with. **This is true multi-LCC study and I'm sending you this message because the work will cover some or all of your LCCs.** I've attached the scope of work, it's a very short project, and we should have products ready in October.

Here are a few tidbits about the project:

Title: Invasive Species Management Contributions to Greater sage-grouse Conservation

Purpose: Collect and summarize the current status of invasive plant infestations and management (prevention, EDRR, control, and restoration) efforts in the current and historic range of the Greater sage-grouse (GSG) and recommend areas where programs may increase and sustain effectiveness to address priority invasive annual plants as identified in Miller et al., 2010.

Objectives: The objectives project are to: (1) describe the invasive plants that pose the greatest risk to GSG and their habitats, with an emphasis on Cheatgrass and other invasive annual grasses, and summarize key information and evidence-based standards for management; (2) develop a draft invasive plant management "matrix" with a focus on adaptive management; (3) identify and accurately characterize invasive plant management programs, initiatives, and partnerships in project area; (4) assess capacity and overall program effectiveness to conserve and restore GSG habitats, and identify areas where programs may improve capacity; (5) identify and describe primary invasion pathways and vectors and other risk factors, and (6) where possible at a landscape scale describe current

infestation levels and estimate average rates of spread.

Project Area: Parts of 11 U.S. States and two Canadian provinces represented by the northwestern Great Plains, Great Basin, Snake River Plain, Colorado Plateau, and Columbia Basin (see the map here http://www.fws.gov/mountain-prairie/species/birds/sagegrouse/03252013_COT_Map.jpg).

Some of which occurs in your LCCs.

Todd

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Todd E. Hopkins, Ph.D.

Science Coordinator

Great Basin
LANDSCAPE CONSERVATION COOPERATIVE

1340 Financial Blvd

Reno, NV 89502

todd_hopkins@fws.gov

Office: (775) 861-6492

Cell: (775) 770-4936

www.greatbasinlcc.org

Handy Links:

Great Basin Climate Change Vulnerability Toolbox

Great Basin Weather & Climate Dashboard

Sage Steppe Partner Forum

Searchable Sage-grouse Database

National LCC Project Catalog

LCC National Webpage

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- -

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is a self-directed, landscape-scale, applied science partnership

supporting and enhancing on-the-ground conservation efforts

through production and dissemination of applied science

for natural and cultural resource management decision makers.

- -

LANDSCAPE CONSERVATION COOPERATIVES

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Jesse D'Elia

Candidate Species Conservation Coordinator

Endangered Species Division, Pacific Regional Office

U.S. Fish and Wildlife Service

911 NE 11th Avenue, 4th Floor, Portland, OR 97232

503.231.2349 phone; 503.231.6243 fax

jesse_delia@fws.gov