

1% for the Tetons – Grant Application Form

Please use this form to apply for funding from **1% for the Tetons**. Submit via email to: grants@1PercentTetons.org. Please put your organization's name in the subject line.

Application deadline is 5:00 pm (MDT), June 12, 2009. **Late applications will not be considered.**

Please complete this form and submit your completed application as a Microsoft Word document.

Organization Name: Jackson Hole Wildlife Foundation

501(c)3 number (if applicable): 83-0302830

Grants can be awarded only to a 501(c)3 organization or government agency (local, state, or federal). If the applicant is not a 501(c)3 or government agency, please provide the name (and 501(c)3 number, if applicable) of the organization that will administer the grant.

Name:

501(c)3 #:

Address: PO Box 8042, Jackson WY 83002, Physical Address: 265 East Simpson St., Jackson WY

Contact person & title: Nalani M. Askov, Executive Director, Jackson Hole Wildlife Foundation

Phone # 739-0968

Fax # 739-0968

Email address: nalani@jhwildlife.org

Title of Application: Nature Mapping Jackson Hole

Amount Requested: \$11,500

Summary statement describing your proposal (75 words or fewer)

The Jackson Hole Wildlife Foundation, working with the Meg and Bert Raynes Wildlife Fund (Raynes Fund), will jointly develop and implement an ongoing community-wide Nature Mapping program that will engage our community in documenting the wildlife and environmental features of the Jackson Hole area and increase the existing knowledge base about wildlife presence, habits and migration. This increased knowledge will allow us to better plan ways humans and animals can live together compatibly.

Please use the questions below to fully describe your program. While there is no word limit for your responses, the grants committee deeply appreciates clarity and conciseness.

- A. Fully describe the program for which funding is requested. If this is a collaborative project with several entities, explain the role of each. Indicate the date range of the program.

NatureMapping is a program that taps into the growing number of citizens, governments and businesses interested in seeking better decisions based on solid scientific understanding of the facts. They recognize that a robust economy and continued high-quality of life must be based on our ability to adopt practices sustainable both financially and environmentally.

NatureMapping engages citizens of all ages in hands-on, technology-enabled exploration and documentation of our natural environment. It fosters the open exchange of scientific information among a growing network of universities, government agencies, science and nature centers, landowners, civic organizations, businesses and interested citizens.

NatureMapping programs are neutral and nonpartisan. Programs are dedicated to the integrity of their scientific processes, protocols and data analysis. Nature Mapping seeks to inform and improve public understanding and decision-making through its objectivity and independence.

The Raynes Fund and numerous volunteers successfully initiated three NatureMapping projects that involved over 70 Teton County citizens in orientation meetings and field observations. The JHWF is seeking funding to work with the Raynes Fund to complete the development of these initial projects and create the infrastructure necessary to make Nature Mapping an ongoing program.

Specifically, funding is requested to support the development of a NatureMapping program in Teton County through the completion of a database program, a geographical web-based interface, an online data entry and reporting system, preparation of base data sets for wildlife and environmental features, a web site for community information, education and training, start up and administration of the program, and community based workshops to train local citizens in Nature Mapping practices.

B. What need or trend does this program address? What data support this? Include citations &/or web links.

There is a lack of data about the presence, abundance and movement of key animal species in the Jackson Hole region. Absent this knowledge, it is not possible to plan effectively to protect animal habitat or to mitigate conflicts with human beings. There is a need for additional mechanisms to inform, educate and engage the local community in observing wildlife. Additionally, the JHWF has a number of programs that seek to reduce conflict between people and wildlife. These programs include Give Wildlife a Brake (roadkill mitigation), Bearwise Jackson Hole, fence removal project, and cavity nesting bird project. Each of these programs will be enhanced by the opportunity for citizens throughout Jackson Hole to easily report observations online that are related to these areas. Further, the system will provide the capability to compare in a geographical overlay roadkill and animal migration data, the presence of existing fences and critical animal wintering habitat, or swan congregation sites and the presence of overhead powerlines. This will allow us to obtain more information, more detailed information and to more effectively evaluate how to deploy our mitigation strategies.

C. How does this program further the mission of **1% for the Tetons**?

To directly further the long-term sustainability of the greater Tetons ecosystem's natural resources, this project will:

- Educate citizens about the plant, animal, geological and geographical components of the Jackson Hole ecosystem;
- Broadly engage the community in activities that will help protect the wildlife that are part of that ecosystem;
- Create a tool that individuals and groups can use to document the presence of plants and animals in the Jackson Hole ecosystem; and
- Increase the capacity of organizations, scientists, public officials and citizens to make more informed choices about our ecosystem based on sound scientific data.
- Supplement existing state (i.e. Wyoming Game and Fish Dept) and federal (i.e. US Forest Service, USFWS National Elk Refuge, Grand Teton National Park) wildlife and natural resource data bases.

D. How does this proposal address each of the 8 Criteria? Specifically address the following:

- i. Re. Criterion #4, what is the role of **1% for the Tetons's funding** in starting or modifying your program?
- ii. Re. Criterion #6, what are the specific, measurable objectives of this program? How will you measure success against each of your objectives? Is there baseline information against which to measure success? What objective methodology will you use to evaluate the performance of the program?
- iii. Re. Criterion #7, please include letters of support and commitment from participating organizations. Describe how the collaboration is going to work – what is the role of each partner? If collaboration is not possible or desirable, please explain why.
- iv. Re. Criterion #8, describe your other funding sources, and whether or not they are committed at application time.

1. Focus on sustaining the greater Tetons ecosystem's essential qualities – particularly its extraordinary natural resources – for future generations.

One of the most significant components of the greater Teton ecosystem is the presence of a large, diverse wildlife population. As much as the mountains, the presence of wildlife defines the essential character and qualities of Jackson Hole. This project will help to sustain this limited natural resource by educating the community about and engaging the community directly in efforts to document the presence, movements and threats to wildlife in the region. Moreover, it will provide an opportunity for individuals to develop stewardship over our coveted wildlife resource through direct participation.

2. Address the critical linkages between the area's essential economic, social, and environmental qualities.

Increased growth is impacting our wildlife populations. This is evidenced by the fact that despite intensive efforts over many years to reduce the number of roadkilled animals in Teton county, death rates have continued to increase. Presently, it is challenging to develop effective mitigation programs due to lack of detailed information about wildlife presence, habits and migration. The Wyoming Game and Fish Department no longer conducts aerial flights to document large ungulate distribution over much of the valley due to human safety and disturbance issues. This and other associated factors foster a lack of detailed knowledge about wildlife in the area which also impairs the ability of scientists and wildlife managers to understand, plan for and take effective steps to preserve the future of wildlife in the face of an expanding human population. Population declines in moose and mule deer along with the increases in grizzly bear and mountain lion/human conflicts in Teton county illustrate only a few of the many needs for the collection and application of additional science.

3. Emphasize forward-looking solutions, i.e. preventing future problems or turning today's possibilities into tomorrow's realities.

This program promotes individual action and community-level engagement by linking science to citizen actions of observing, reporting and making informed decisions about the needs of wildlife and humans. The program will increase individual and community awareness of wildlife, wildlife habitat and behavior. Individuals who are aware of and engaged with the natural environment are more likely to take action in response to environmental challenges. This program also will provide new information that planners, scientists and managers can use to help wildlife and people live together compatibly.

4. Start a new program, or modify an existing program in ways which *significantly* expand and/or increase its measurable results.

Funds are requested to assist in the development of the NatureMapping program. Specifically, 1% for the Tetons funding would support the completion of a database program, a geographical web-based interface, an online data entry and reporting system, preparation of base data sets for wildlife and environmental features, a web site for community information, education and training, start up and administration of the program, and community based workshops to train local citizens in NatureMapping practices.

5. Produce significant effects with the funds invested.

The proposed NatureMapping program in Teton County is a fully scalable project that can and will evolve to include independent group directed projects, projects for the community at large, children in local schools and potentially some of the many visitors to this area in a citizen-science based program to document wildlife and the natural environment. Similar programs in other areas have averaged about 180 wildlife observations a month. All those observations plotted visually on a map against known wildlife areas, roads, and other structures has the potential to significantly change how we visualize the relationship between humans and wildlife. Moreover, it allows for direct citizen participation, knowledge and ownership of our coveted wildlife resources.

6. Offer unambiguous, measurable criteria for evaluating success.

Specific measurable objectives include:

- Development of a functional database and online data entry system for reporting wildlife observations;
- Integration of the database with a geographical, web-based interface so observations can be displayed geographically to site users;
- Completion of a content rich Jackson Hole Nature Mapping web site;
- Transition of the program from the Raynes Fund to ongoing management by the Jackson Hole Wildlife Foundation;
- Development of a base set of data sets to use in wildlife and environmental feature observations (fences, powerlines, roadkill sites, nesting boxes, etc.) in Teton County;
- Development and standardization of training materials and practices to train community observers;
- At least six public sessions to train community observers.

7. Demonstrate collaboration by multiple organizations in addressing issues cutting across jurisdictions and disciplines.

The Jackson Hole Wildlife Foundation and the Meg and Bert Raynes Wildlife Fund are working together to further the creation and development of this important project. The Fund has initially mobilized volunteers, created an advisory committee on which the JHWF serves, and taken steps toward achieving some of the goals identified above. The Raynes Fund will be providing a direct financial contribution and crucial volunteer support. The JHWF will be providing a direct financial contribution, substantial programmatic staff support and program administration. The following agencies/organizations have expressed an interest in the Nature Mapping program and/or have provided personnel assistance to the efforts of the Raynes Fund: Governor Dave Freudenthal, Wyoming Game and Fish Department, Bridger-Teton National Forest, Teton County 4-H Wildlife Program, National Elk Refuge, Grand Teton National Park, Teton Science Schools, Teton County Conservation District, University of Wyoming. Many of these agencies/organizations will benefit from wildlife data collected through citizen's science.

8. Look to **1% for the Teton**s for matching funds, rather than complete funding.

The Raynes Fund is expected to provide approximately \$10,000 to continue development and implementation of the project. Of this amount, \$5,000 already has been committed.

The Jackson Hole Wildlife Foundation will be providing resources valued at \$8,500, including staff time, \$1,000 direct financial contribution, office space and project administration.



PO Box 1847
Jackson, WY 83001
June 11, 2009

To the Boards of the Jackson Hole Wildlife Foundation and One Percent for the Tetons:

The associates of the Meg and Bert Raynes Wildlife Fund are truly grateful for the opportunity to partner with the Jackson Hole Wildlife Foundation (JHWF) on this proposal to obtain funds to support development of the community Nature Mapping program.

Both organizations share similar interests and concerns: each concentrates on different, although complimentary, approaches to preserving wildlife. We appreciate the spirit of cooperation shown a newly formed group by the directors and staff of the JHWF, and anticipate that cooperation between us will grow to enhance each other's efforts.

Sincerely,

A handwritten signature in cursive script that reads "Bert Raynes".

Bert Raynes, Director
Meg and Bert Raynes Wildlife Fund



WYOMING GAME AND FISH DEPARTMENT

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CLARK ALLAN
FRED LINDZEY
RON LOVERCHECK
ED MIGNERY
BILL WILLIAMS, DVM

March 10, 2009

Bert Raynes
P.O. Box 1847
Jackson, WY 83001

Dear Mr. Raynes:

Most Jackson Hole residents are aware and appreciative of the numerous contributions to local conservation efforts that Meg and you made over the past four decades. Notable examples include establishing the Jackson Hole Bird Club, teaching bird identification classes, being key participants in many conservation projects, preparing the Jackson Hole Bird Check List, and authoring several books with Meg as a valued editor. These books are highly sought after items in bookstores and visitor centers, not only in the Jackson area but also across the West. The list includes *Birds of Grand Teton National Park and the Surrounding Area*, *Finding the Birds of Jackson Hole*, *Valley So Sweet*, *Curmudgeon Chronicles*, and *Winter Wings: Birds of the Northern Rockies*.

These contributions have been recognized in the awards that have been bestowed upon you, including the Rungius Medal from the National Museum of Wildlife Art, "Citizens of the Year" by Wildlife Society, and your induction into the Wyoming Outdoor Hall of Fame in 2007. In the Hall of Fame, you join an impressive list of other inductees, including Theodore Roosevelt, Frank and John Craighead, George Bird Grinnell, Mardi and Olaus Murie, and Paul Petzoldt.

The Wyoming Game and Fish Department would also like to recognize the unique contribution that your weekly column (with, we understand, Meg editing and deciphering your challenging penmanship) has provided. Your enthusiasm for observing wildlife, especially birds, and encouraging others to participate, and your strong commitment for sharing information, have built a wealth of knowledge and a strong community network of wildlife supporters. This effort is unequalled when compared to other communities in Wyoming. Many of us would not have the patience to field endless phone calls of bird reports and questions, and summarize them weekly in the newspaper for decades.

We also very much appreciate you creating the Meg and Bert Raynes Wildlife Fund for the future conservation and study of wildlife in Teton County. We especially want to note that the first project of the Fund is a visionary effort to extend your contributions by exploring new ways of communicating, sharing information and expanding the network of wildlife supporters. The Raynes Fund will provide a lasting legacy for the citizens of Teton County and the state of Wyoming.

The Wyoming Game and Fish Department thanks you for your many years of dedication to wildlife and the efforts you have made during that time to inform and involve people in wildlife conservation.

Sincerely,

Steve K Ferrell
Director

"Conserving Wildlife - Serving People"

DAVE FREUDENTHAL
GOVERNOR

THE STATE OF WYOMING



STATE CAPITOL
CHEYENNE, WY 82002

Office of the Governor

March 18, 2009

Mr. Bert Raynes
P O Box 3249
Jackson, WY 83001

Dear Bert:

It is with great pleasure that I write to congratulate you on the launch of the Bert and Meg Raynes Wildlife Fund. You are to be commended for giving rise to this community celebration and for all that you and Meg have done over the years to promote Jackson Hole's wildlife and specifically birding interests. Through your column, "Far Afield" and publications such as "Valley So Sweet," you've endeared thousands of people to the natural beauty and wildlife resources that are the hallmark of Wyoming. Your good nature and "curmudgeonly" style invites people from all walks of life to develop their own connection with wildlife. This gift is difficult to measure but certain to leave an imprint on all who've had the good fortune to know you and your work.

Wyoming's history is rooted in the tradition of small groups of industrious, passionate people pursuing a shared goal. Not infrequently, those ideas began in conversation over a shared meal. Your own tradition of weekly potlucks with other long-time wildlife enthusiasts such as Mardy Murie and the Craigheads is a great example of this Wyoming tradition. It seems only fitting to announce the Bert and Meg Raynes Wildlife Fund in such a forum this evening.

On behalf of the State of Wyoming, thanks to you and Meg for more than 30 years advocacy work on behalf of Wyoming wildlife. Please accept my appreciation for the lasting legacy you've created to support of community based and scientifically supported projects which benefit both Wyoming residents and wildlife.

Best regards,

A handwritten signature in black ink that reads "Dave Freudenthal".

Dave Freudenthal
Governor

DF:pjb

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