

THE KLAMATH BIRD

Newsletter of the Klamath Bird Observatory, Winter 2012



The President's Perch

Dick Ashford, KBO Board President

You will notice something different about this issue of the *Klamath Bird*. In past issues, I have bragged about KBO's accomplishments, with each newsletter focused on a particular area of bird conservation. Those accomplishments are many and far-reaching. For this "Year in Review" issue, we chose to provide you with a brief "snapshot" of each of our major projects and accomplishments in 2011. It is our attempt to give you a flavor of what we've been doing, while illustrating the scope and breadth of our work. Please take a look inside at some of KBO's success stories, stories that solidify our position as one of the leading bird conservation organizations in the western hemisphere.

2012 begins a transformative period for KBO. We intend to bring our work to the next level, doing even more science and advancing bird conservation across the Americas. Our outstanding staff, led by Doctor John Alexander (Congratulations, John!), has assumed leadership roles in several bird conservation areas that we believe will help us "grow the business" of keeping common birds common.

Recently, the KBO staff and board of directors went offline for facilitated strategic planning sessions. Our goal: to help lay out a strategy that ensures we continue to be leaders in the important work of bird conservation long into

the future. There is an underlying urgency to our work, stemming from the direction that many bird populations seem to be headed (down), underlined and aggravated by fiscal constraints imposed by the global economy. We believe we can meet these challenges through good science.

Even though KBO is a small (friendly, personal) organization, our impact on bird conservation is pretty amazing. As KBO's work continues to provide a foundation for measurable conservation outcomes, it is my belief that government agencies will continue to recognize the value of our partnerships.

Finally, here is a fact that doesn't require any science, any facilitated planning, etc. We absolutely couldn't do it without you. I know, you've heard it before, but guess what? I hope you continue to hear it, far into the future. The short-and-sweet message behind our success is that you helped. Your financial assistance not only helps provide the resources we need to advance bird conservation; it also provides us with plenty of psychic income. I can assure you that KBO board and staff alike are highly motivated to continue our good works. As always, thank you for your continued support. The birds need it and deserve it.

Cheers,

DICK

Note from the Executive Director

John Alexander, PhD

new areas for building on our progress in meeting our mission. Emerging from this process, we remain committed to maintaining core long-term monitoring efforts, while continuing to grow our applied research efforts. We also remain dedicated to using education as the tool of our trade.

For over a decade, KBO's approach to education has been broad, involving science delivery and community outreach. We use decision support tools to help our science inform natural resource management decision making. Through community outreach, we share our passion for birds and for science, engaging people in our mission. As we plan for KBO's future, we ask, "how can we both sustain and expand the reach of our education programs?"

Our answer is multi-faceted. We will continue to focus on delivering the results from our science programs through

As KBO embarks upon its second decade, we are revising our strategic plan. We are reflecting on what we do best, while exploring

diverse mechanisms, including the development of a state of the art avian data center. We will continue to use science to answer society's most pressing questions. Finally, we will adapt our approach to educating the stewards of tomorrow—our youth.

KBO has invested deeply in a youth education program that instills a passion for birds and science. Through these efforts, we have developed a library of unique science-based environmental education curricula. We have learned that by making our curricula readily available to a diverse array of educators, we maximize the reach of our investments in education. Therefore, we are adapting our approach to youth education. We are now seeking support to publish and make available all of our environmental education curricula, and to work with our network of education partners to expand our reach through educator training.

As we move forward together into an uncertain future, one thing remains clear: we can't do it alone. From the beginning, your support has been invaluable in helping KBO fulfill its mission. From all of us, thank you! We hope you enjoy this edition of the *Klamath Bird*.

2011 Year in Review

On the following pages, we outline KBO's major projects and accomplishments in 2011 by focus area.

Restoration

Through monitoring birds, KBO helps land managers assess the effectiveness of restoration efforts.

Fourmile Creek Restoration

The Fourmile Creek and Harriman Springs Restoration Project is restoring aquatic habitat in the upper Klamath Basin by enhancing a seasonal wet meadow and increasing riparian hardwoods. KBO is monitoring how birds are responding to this restoration during the breeding and fall migration seasons. Montane-meadow associates expected to respond positively include Lincoln's Sparrow, Song Sparrow, and Common Yellowthroat (pictured at right).

Common Yellowthroat © Jim Livaudais 2012.



Trinity River Restoration Program

Since 2002, the Bureau of Reclamation has been working to restore salmonid populations that have been impacted by dams on the Trinity River in northern California. Restoration involves constructing riparian habitat that benefits both fish and birds. KBO is continuing the bird monitoring work originally initiated the Pacific Southwest Research Station – Arcata. Results will be used within the adaptive management framework to assess the program's success in creating ecologically functioning riparian habitat.



Regenerating riparian habitat along the Trinity River.

Gold Ray Dam Bird Monitoring

The removal of the Gold Ray Dam along the Rogue River in August 2010 resulted in changes to both the river and the adjacent upland habitat above and below the old dam site. KBO is monitoring riparian-associated focal species like Yellow Warbler and Song Sparrow along the river corridor as part of a collaborative effort to assess the effects of dam removal and to evaluate the effectiveness of riparian revegetation efforts.



Left: Jaime Stephens works on study design prior to the removal of the Gold Ray Dam.

Right: Juvenile Oak Titmouse in a white oak habitat.

Meadow Restoration in the Illinois Valley

KBO collaborated on a stimulus project that provided funds for restoring unique meadow habitats in the Illinois Valley. Project success will be measured by using the response of focal species, like the Western Bluebird pictured below, as indicators of desired ecological conditions, as well as by the number of jobs created.



Western Bluebird © Jim Livaudais 2012.

Quercus and Aves

KBO conducted an intensive study to develop baseline information about birds' use of oak habitats in southern Oregon. Results from this project will be useful for future oak restoration planning, specifically providing information to guide efforts to restore healthy oak woodland ecosystems.



Long-term Monitoring

KBO's long-term datasets from the Klamath-Siskiyou bioregion inform our understanding of bird population trends.



Long-term bird monitoring provides insight for the future at Redwood National and State Parks.

Landbird Monitoring in the National Parks

In 2011 KBO continued long-term monitoring of bird populations at national parks in the Klamath Network. Encompassing a diversity of habitats and bird species, KBO surveys Crater Lake and Lassen Volcanic National Parks (high elevation coniferous forest), Redwood National and State Parks (coastal redwoods), Whiskeytown National Recreation Area (mixed hardwood), and Lava Beds National Monument (shrub-steppe sagebrush). At Oregon Caves National Monument (coniferous forest), monitoring also includes a long-term banding station.



Landbird Monitoring Strategy

Many questions about the status and health of bird populations limit conservation efforts. To address this, KBO worked with the Oregon/Washington Chapter of PIF to develop a bi-state strategy for bird monitoring. The strategy identifies the region's most urgent bird monitoring needs and is available at <http://cain.ice.ucdavis.edu/prbo/orwapif>.

Breeding and Migration Season Banding

In 2011, KBO biologists continued our long-term monitoring program involving multiple survey methodologies, including mist netting and banding, at 12 study sites in the Klamath-Siskiyou Bioregion. These efforts track population abundance, reproductive success, and survival.

2011 banding interns on a field trip to Redwood National and State Parks.



Fire and Fuel Reduction

Through studying the effects of fire (wild and prescribed) on bird populations, KBO helps inform land management planning.

Rogue River Pilot Project

As part of the Healthy Forest Initiative, the Bureau of Land Management has been removing understory fuel within the Hellgate Recreation Section of the Rogue Wild and Scenic River. By monitoring birds before and after treatments, KBO found that small-scale fuel reduction treatments had little impact on the bird community in upland and riparian habitats along the river. In fact, species like Western Tanager and Cassin's Vireo increased in abundance post-treatment.



Left: Hellgate Section. Right: the Quartz wildfire area.

Quartz Wildfire

KBO is using its long-term data from the 2001 Quartz Wildfire to quantify how landbirds respond to wildfire in mixed conifer/hardwood forests. Nearly a decade after the Quartz fire, occurrence levels of mature forest associated birds like Hermit Warbler and Red-breasted Nuthatch remain depressed, while species associated with scrubby, edge habitats like Lazuli Bunting and Wrentit are thriving as the amount of regenerating hardwood habitat expands.



Fire and Fuel Reduction continued on page 4

Fire and Fuel Reduction continued



Upper Klamath Fuel Reduction

The Rocky Point and Chiloquin Community Fuels Reduction Projects aim to reduce the risk of uncharacteristically severe fires by removing fuel from forests surrounding rural communities in the Upper Klamath Basin. Since 2004, KBO has been conducting monitoring to assess the effects of these management practices on birds. Results from analyses will be used to align fuel reduction efforts with bird conservation objectives.

Left: an underburn within the Chiloquin Community Fuels Reduction Project area. Right: Klamath Canyon.



Klamath Canyon Fuel Reduction

The Klamath River Canyon is being managed to achieve restoration objectives while reducing fire risk. By monitoring landbirds after treatment, KBO showed how landbird responses to fuel reduction change over time.

For example, although shrub specialists like Bewick's Wren and Spotted Towhee initially responded negatively to treatments, higher abundance at older treatment sites suggest that these species can recover quickly.

Aquatic Birds

KBO leads a west-wide effort to monitor aquatic bird populations.



Colonial Waterbirds

In 2011, KBO's Oregon Coordinated Aquatic Bird Monitoring Program completed a three-year colonial nesting waterbird survey effort. Surveys targeting 16 focal

species were conducted at 388 locations; 179 colonies were found. The project was part of a coordinated west-wide effort initiated by the US Fish and Wildlife Service, and will help determine baseline state and west-wide population estimates.

Great Blue Heron

Working through the Oregon Coordinated Aquatic Bird Monitoring Program, KBO compiled a database for historic and current Great

Blue Heron colonies in Oregon and Washington. Many partners and birders contributed data to the database, which now contains over 400 records from 163 heronries from 1874 to 2011. This new dataset improves our ability to investigate Great Blue Heron population trends and associated ecological questions.



Below left: Ring-billed Gull on nest. Below: Great Blue Heron colony at Touvelle State Park.

Professional Training

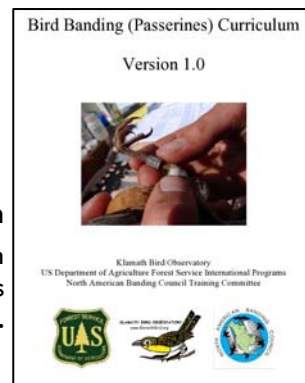
KBO provides bird monitoring training and resources to students and professionals.

Bird Banding Curriculum

KBO developed a bird banding curriculum that provides a framework for training students in bird capture and handling, banding, and ageing-sexing techniques. It provides materials suitable for a variety of situations, including shorter workshops and season long internships.

Midwest Training

Using curricula developed for our long-term constant effort mist netting program, KBO traveled to Illinois to train US Fish and Wildlife Service employees in the science of landbird banding. Participants left the workshop with an increased capacity to effectively monitor migratory landbirds on their home refuges throughout the Mississippi Flyway.



Professional Training continued



Pablo Elizondo, KBO affiliate and Executive Director of CRBO, accepts the Wings Across the Americas award.

International Internships

KBO takes pride in fostering training and information exchange throughout the Americas. KBO's 2011 international banding interns received North American Banding Council certifications at the Bander and Trainer levels. They are now going on to strengthen bird monitoring efforts in their home countries.



2011 KBO Intern Jorge Leitón of Costa Rica examines a White-crowned Sparrow.

International Capacity Building for Bird Conservation

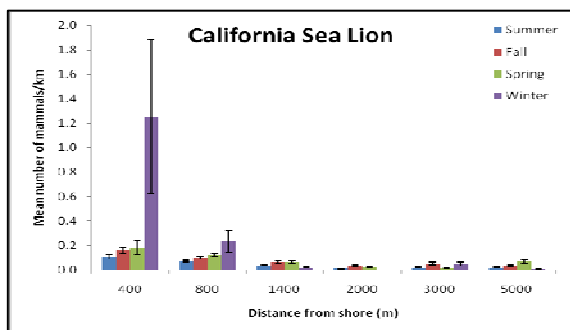
KBO works to build capacity for full life cycle monitoring throughout the range of migratory birds that breed in North America. In 2011, we actively worked with partners from Trinidad and Tobago, Perú, Mexico, and Costa Rica, providing training and supporting our partners' efforts to establish and strengthen bird monitoring programs. Our collaboration with the Costa Rica Bird Observatories (CRBO) received the US Forest Service Wings Across the Americas award.

Humboldt Bay Bird Observatory

Humboldt Bay Bird Observatory works with KBO to advance bird and habitat conservation throughout northwestern California and beyond.

Banding and Small Owl Monitoring at HBBO

In its 30th year of long-term monitoring, Humboldt Bay Bird Observatory provided information about the status of bird populations and offered training opportunities to local volunteers and students. Small Owl monitoring provided information on the status of Flammulated, Western Screech, Northern Pygmy, and Northern Saw-whet Owl (pictured at right).



Wave Energy and Offshore Birds and Mammals

HBBO, in partnership with Pacific Southwest Research Station—Arcata, compiled 21 years of offshore seabird and marine mammal data to assess the potential impacts of wave energy development.

Offshore data inform our understanding of the movements of marine birds as well as mammals like the California Seal Lion.

Monitoring recommendations for Northeast Refuges

To guide future monitoring on National Wildlife Refuges in the northeastern U.S., HBBO used monitoring data to assess how various survey methods can best inform habitat management.

Building partnerships in Coastal Northern California

HBBO compiled and made available demographic data collected at banding stations. This included the development of visualization tools called "SPLATS" that aid in data exploration and analysis. HBBO is now working with partners towards documenting available data sets and prioritizing conservation strategies for our bioregion.



Conservation

KBO works to advance bird conservation through science delivery.



Hummingbirds and Fire

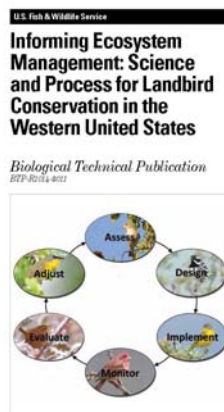
KBO is working with the US Forest Service Rocky Mountain Research Station to complete a literature review of the effects of fire and fire-adapted ecosystem restoration on hummingbirds in the western U.S. This review will identify information gaps and aid land managers in designing restoration projects that will benefit hummingbirds.

Left: Male Rufous Hummingbird. Right: Great Gray Owl.
Photos © Jim Livaudais 2012.



A Series of Stories Highlights Conservation Success

KBO played a lead role in the latest US Fish and Wildlife Service Biological Technical Publication, *Informing Ecosystem Management: Science and Process for Landbird Conservation in The Western United States*. Through highlighting a series of "success stories," this publication demonstrates the science of bird monitoring and the process of integrating this science into land management decision making. The publication is available online at www.KlamathBird.org.



Great Gray Owl Conservation Assessment

KBO completed a Conservation Assessment for Great Gray Owls in Washington and Oregon. The Assessment reviews Great Gray Owls' life history and ecology, assesses the species' distribution and conservation status in the bi-state area, and makes inventory and management recommendations that will help guide future management.



Informatics

KBO works to process, archive, and make available large datasets.

The Klamath Bird Observatory-Redwood Sciences Laboratory Avian Data Center had a busy year, archiving and processing over 1 million records spanning 30 years of point count, area search, banding, and species checklist data. In partnership with PRBO Conservation Science, we've processed these data into a system that supports online visualization, summary, and analysis tools. Map-based summaries of our data are now available to the public at <http://data.prbo.org/cadc2>.

Klamath-Siskiyou eBird

KBO works to promote citizen science and data sharing through hosting Klamath-Siskiyou eBird (www.ebird.org/klamath-siskiyou). We offered twice-monthly eBird walks, encouraging participants to use eBird by sharing the trips' checklists. We sponsored two official eBird festivals: the Winter Wings Festival in Klamath Falls, Oregon and Godwit Days in Arcata, California. At these festivals, KBO posted live updates and maps of festival bird sightings, signed up new eBird users, and assisted festival bird walk leaders with checklist entry and sharing.

eBird

Data contributed by eBird
users directly contribute to
bird conservation.



Connecting the Public with Bird Conservation

Through community outreach and education programs, KBO brings the wonder of birds to diverse audiences.



KBO's *Birding Guide to Ashland and the Greater Rogue Valley* describes and maps multiple half and full day birding outings.

Community Outreach

In 2011, KBO offered monthly bird walks, banding demonstrations, and our popular *Hawk ID 101* and *Birding by Ear* Workshops, connecting hundreds of community members with birds and conservation science in the Klamath-Siskiyou Bioregion. We also participated in birding festivals and other events across the region: Winter Wings in Klamath Falls; Godwit Days in Arcata; International Migratory Bird Day celebrations in Ashland, Klamath Falls, and Yreka; the Oregon Country Fair in Veneta, Oregon; the Rocky Point Barbeque on Upper Klamath Lake; and the Bear Creek Festival in Ashland.

Shared Birds and Sustainability

KBO created two brochures that help to deepen the connection between people and birds. The *Birding Guide to Ashland and the Greater Rogue Valley* connects visitors and locals to some of the area's birding hotspots. *Shared Birds of Ashland & Guanajuato: Conserving our Natural & Cultural Heritage* celebrates the migratory birds that these sister cities share, while addressing sustainability and bird conservation issues. Both brochures will be available soon at www.KlamathBird.org.

Place-based Education in the Klamath Basin

Continuing our tradition of excellence in creating place-based education kits, KBO created a Klamath Basin National Wildlife Refuge Complex curriculum which will aid refuge staff and Klamath Basin teachers in conducting education programming for K-12 students.

K-12 Education

Through our flagship K-12 program, *Songbirds, Science, and Schools*, KBO introduced Ashland School District students to the wonder of birds. KBO also worked with the Siskiyou Field Institute to deliver the *Songbirds, Science, and Outdoor Schools* program for Josephine County students at the Deer Creek Center in Selma, Oregon. Through the *Protecting Wetlands, Water, and Waterbirds* program in rural Chiloquin, Oregon, 4th and 5th grade students explored wetland habitats and birds. KBO also continued to partner with the Willow Wind Community Learning Center in Ashland, teaching three semester-long courses focused on birds, ecology and conservation.

Summer Camps

In partnership with ScienceWorks Hands-On Museum, KBO offered four week-long summer camps for Rogue Valley youth. KBO also helped to inspire the next generation of field biologists at the Fremont-Winema National Forest's Resources and People Camp, introducing high school students to the field techniques used to study birds.

Teacher Workshops: Environmental Literacy and Bird Conservation

As part of our commitment to broaden the reach of bird education and build capacity for place-based education, KBO took part in two educator trainings in 2012. In August, KBO participated in the Southern Oregon Regional Environmental Education Leaders August Institute, a week long teacher training that introduced teachers to the Oregon Environmental Literacy Plan and to the many environmental education opportunities related to the Literacy Plan that are available in southern Oregon. KBO also provided training to Fremont-Winema National Forest educators in bird banding interpretation.



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We appreciate your support and partnership.

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The Klamath Bird

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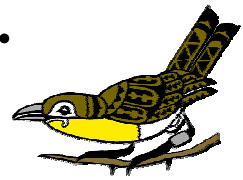
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Better at Birding by Ear Workshop

with Klamath Bird Observatory

Sharpen your birding ear! Join KBO's Executive Director, John Alexander, for a three day workshop. With a focus on intermediate to advanced skills, we will practice identifying warbler, finch, and flycatcher vocalizations, and will distinguish sound-alike species like Western Tanager and Black-headed Grosbeak. John's expert instruction will cover the essentials of bird song ID through mnemonic devices, sonograms, recording, and drawings. We will then hone our skills during two field trips.

Western Tanager ©
Jim Livaudais 2012.



Evening Classroom Workshop

Thursday, May 17th
7:00 pm to 9:00 pm

All Day Field Trips

Friday & Saturday, May 18th & 19th
7:30 am to 2:00 pm

Location: TBA

Cost: \$200

Space is Limited!

Advance registration required.
Call **541-201-0866** to register.

Mountain Birds of the Klamath-Siskiyou Bioregion

with Klamath Bird Observatory

Evening Classroom Workshop

Friday, June 29th
7:00 pm to 9:00 pm

Field Workshops

Sat. & Sun., June 30th & July 1st
7:30 am to 3:30 pm

Location: TBA

Cost: \$200

Space is Limited!

Advance registration required.
Call **541-201-0866** to register.

Register Early!

This trip is sure to fill quickly!

Head for the high country

with KBO Board Member and local birding guide, Harry Fuller, for a three-day workshop on our region's high elevation species. An evening presentation will introduce the unique geology of the K-S bioregion, its diverse habitats, and the many bird species found here. Then we will head

into the field for two days of birding in the Klamath and Siskiyou Mountains. We will look for Green-tailed Towhee, Mountain Bluebird, Dusky Flycatcher, Cassin's Vireo, Vesper Sparrow, Lincoln's Sparrow, Red-breasted and Williamson's Sapsucker, White-headed Woodpecker, Lazuli Bunting, Calliope and Rufous Hummingbird, Townsend's Solitaire, Mountain Quail, Sooty Grouse, and more!



Green-tailed Towhee © Jim Livaudais 2012.

Join KBO for Spring 2012 Events

Saturday, March 3rd: KBO Bird Walk to Emigrant Lake

Join KBO contractor and local bird expert Frank Lospalluto for an exploration of Emigrant Lake. This popular birding spot hosts wintering ducks and shorebirds, as well as Bald Eagle, Osprey, and, if we're lucky, Golden Eagle. We'll also look for woodpeckers, Oak Titmouse, Ruby-crowned Kinglet, wintering sparrows, and other birds that inhabit the unique oak woodland and shrub habitats around the lake. Meet at 8:00 am at the Northwest Nature Shop in Ashland. Limited to 15 participants. To register, call 541-482-3241.

Saturday, March 10th: KBO Bird Walk to Touvelle State Park and Denman WMA

Join birding guide and KBO board member Harry Fuller for a trip to this diverse habitat along the Rogue River. We will look for Great Blue Heron, Belted Kingfisher, Common Merganser, and Bald Eagle along the riparian corridor. We will also look for birds in the adjacent upland habitats, including Bewick's Wren, Wrentit, Red-breasted Sapsucker, and California Quail. Meet at 8:00 am at Wild Birds Unlimited in Medford. Limited to 15 participants. To register, call (541) 770-1104.

Saturday, April 7th: Biking and Birding the Greenway

Join KBO volunteer and birder Forrest English for a biking and birding outing to the Ashland Pond and along the Bear Creek Greenway. We will enjoy the spring weather as we look for spring migrants like Common Yellowthroat, Orange-crowned Warbler, and Yellow-breasted Chat. We'll also look for Belted Kingfisher, Wood Duck, Hooded Merganser, and more. Finally, we'll make a stop at Eagle Mill Farm, where we'll do some birding around the vineyard and gardens. Bring your bike, helmet, and binoculars. Meet at 8:00 am at the Northwest Nature Shop in Ashland. Limited to 10 participants. To register, call 541-482-3241.

Saturday, April 14th: KBO Bird Walk to Lower Table Rock

Join Frank Lospalluto for a spring walk at Lower Table Rock. This is an exciting place in the early spring, when migrants are beginning to arrive and birds are becoming more

visible and vocal. We'll look and listen for Oak Titmouse, Blue-gray Gnatcatcher, Lewis' Woodpecker, American Kestrel, Anna's Hummingbird, Bewick's Wren, Savannah Sparrow, and many more. Meet at 8:00 am at Wild Birds Unlimited in Medford. Limited to 15 participants. To register, call (541) 770-1104.

Wednesday, May 2nd: Birding 101 at North Mountain Park

Ever wanted to get involved with bird watching, but don't know where to start? In this fun evening class we will review the basics of birding: where to go, when to go, and what to look for. We will discuss the basics of bird anatomy, bird ID and bird behavior, and view photos of the Rogue Valley's most common birds. We will also provide recommendations for equipment like field guides, binoculars, and spotting scopes. Cost: \$10. Register online at www.ashland.or.us or call North Mountain Park at 541-488-6606.

Saturday, May 12th: KBO Bird Walk to Scott Valley

Join KBO supporter and birder John Bullock in exploring the many unique habitats of this rural valley in northern California. We will look for a variety of breeding birds, including vireos, woodpeckers, warblers, and flycatchers. At the Siskiyou Ranch in Scott Valley, we will see a wide range of birds using the ponds, fields, and riparian habitats. We may even see a pair of Sandhill Cranes. Meet at 8:00 am at Wild Birds Unlimited in Medford. Please plan to carpool and/or make a contribution for gas. Limited to 15 participants. To register, call (541) 770-1104.

Saturday, May 12th: International Migratory Bird Day: Ashland and Klamath Falls, Oregon

Join us in celebrating the 20th anniversary of International Migratory Bird Day with this year's theme of *Connecting People to Bird Conservation*! As part of the 20th anniversary celebrations, the annual bird conservation theme will focus on 20 ways people can help preserve birds every day. Join us on May 12th at North Mountain Park in Ashland, OR, or at Veteran's Park in Klamath Falls, OR. For more information, visit www.BirdDay.org.

Membership & Contributions

Your contributions help KBO advance bird and habitat conservation. Additionally, we are able to leverage dollars from matching grants and demonstrate public support when applying for new grants. Check out www.KlamathBird.org/donate to see how you can contribute through an in-kind gift, endowment, or planned giving.

Name _____ Address _____

Telephone _____ Email _____

Please select one and make your tax-deductible donation payable to KBO. Mail to KBO, PO Box 758, Ashland, OR 97520.

_____ Student Membership \$15

_____ Regular Annual Membership \$35

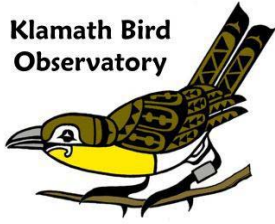
_____ Family Membership \$50

_____ Supporting Membership \$100 or more

☐ Please contact me with more information regarding planned giving or endowment donations.

Winter 2012 Newsletter

**Klamath Bird
Observatory**



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KBO Staff

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Lisa Buttrey—*Executive Administrator*

Jaime Stephens, MS—*Research & Monitoring Director*

Ian Ausprey, MS—*Research Biologist*

Robert Frey—*Biologist & Banding Project Leader*

Karen Hussey, MS—*Research & Monitoring Program Manager*

Felicity Newell, MS—*Research Biologist*

Annie Kilby—*Education & Outreach Program Manager*

Liz Williams, MS—*Education & Outreach Project Leader*

Humboldt Bay Bird Observatory

Josée Rousseau, MS—*Program Director*

Kim Hollinger—*Banding Project Leader*

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State University

Frank Lospalluto