

prbo

PRBO Conservation Science



2008-09 Annual Report



Ellie M. Cohen (left) and Carolyn J. Johnson address PRBO's annual meeting in May 2009.

PRBO photos



Making a Difference: Reducing Impacts of Ecological Change on Birds and Ecosystems

Despite the mixed economic signals of the past year, we are pleased to report that PRBO not only maintained stability but was also able to expand priority initiatives. As this annual report highlights, we made great strides toward achieving our overarching goal: reducing the rapidly accelerating negative impacts of changes in land use, climate and the ocean on birds and ecosystems.

In 2008, PRBO scientists began developing sophisticated projections showing how birds and habitats might change under future climate and land-use scenarios, to help decision-makers prioritize conservation investments today. Our biologists provided science-based assessments and guidance to PRBO's many public and private partners engaged in improving habitats for birds and other wildlife. We amassed another year of invaluable data that underlie our successes, and PRBO was increasingly recognized as a go-to organization to help achieve the greatest conservation outcomes for every dollar spent.

Through expense reduction measures, along with a diversity of funding sources, we were able to weather the economic uncertainties. We cut administrative, finance and fundraising costs by 15%,

made judicious reductions in our science programs, invested virtually all of our cash in federally insured accounts, and began preparing contingency plans for the future.

We were extremely fortunate to receive two extraordinary contributions, a truly inspired anonymous donation as well as a legacy estate gift from founding member Dorothy Hunt. Totalling over \$2 million, these gifts provide PRBO with a much-needed reserve fund, equivalent to several months of operating expenses, for the first time in our 44-year history. In addition, Charity Navigator upgraded PRBO to four stars, its highest financial management rating.

As the fiscal year came to a close, PRBO's Board of Directors and staff finalized a new five-year strategic plan to address rapid climate change, sea-level rise, altered land uses, expanding development, and other escalating impacts. Bringing our expertise to bear on the increasing and unpredictable changes at work in the natural world requires ever greater focus and coordination. We are moving ahead vigorously, thanks in large part to the addition this past year of an internationally renowned ecologist,

Dr. John Wiens, as our first Chief Conservation Science Officer.

PRBO's Board of Directors continued to provide essential leadership as well. We offer our deepest gratitude to retiring members: former Chair Steve Thal, Stuart Jacobson and Andy Jones. We also welcomed three new board members to PRBO's leadership family: Ed Sarti, Edith Eddy and Rob Faucett.

Thanks to the phenomenal dedication and accomplishments of our staff, Board of Directors, members, volunteers and partners, we are forging new directions to improve conservation outcomes in an ever more uncertain world. Especially in these challenging times, we are thankful for, and rely on, your continued generosity that makes PRBO's urgently needed work possible.

Carolyn J. Johnson
Chair, Board of Directors

Ellie M. Cohen
President and Chief Executive Officer

The Red-breasted Nuthatch (of conifer forests) and Sage Sparrow (of shrub habitats) are among the species likely to lose ground in future climate-change scenarios.

Left: Tom Grey (www.geocities.com/tgrey41). Right: Ron Wolf/Flickr



2008–09 Findings and Accomplishments



Hotspots of Change. Regional climate changes in California are likely to cause geographic shifts for birds over the coming decades, as greenhouse gases continue to increase. To help focus conservation efforts, PRBO developed future distribution models for 60 California landbird species representative of major habitat types—riparian, coniferous forest, grasslands, scrub and oak woodland. The map above shows an expected decrease (red) in the number of bird species in the Central Valley and increase (blue) for the Sierras and north coast by the late 21st century, associated with climate change.

Birds and Forest Management. In a dramatic expansion of our long-term partnership with the U.S. Forest Service in the Sierra Nevada, 24 PRBO field biologists were set to begin monitoring breeding birds as indicators of forest management practices in ten national forests. PRBO plans to use this information to help improve protection of coniferous, riparian, meadow, oak woodland, and shrub-steppe habitats in the face of changes in climate hydrology, and fire regimes.

Online Tools for Conservation. PRBO continued to host and grow the California Avian Data Center (CADC), a web-based, regional node of the Avian Knowledge Network. Now containing 47 million observation records—from PRBO field studies, other databases, and birders' own sightings—CADC serves as a repository of data, analysis, tools and information for managing and conserving birds and their habitats. PRBO helped build CADC under a three-year grant from National Science Foundation, in partnership with Cornell Lab of Ornithology and others.

To explore PRBO's powerful new tools and applications, visit www.prbo.org/cadc.



Codie Otte surveys restored habitat in the San Joaquin Valley. Mark Dettling/PRBO

In the riparian restoration effort on the San Joaquin River National Wildlife Refuge, having PRBO as a partner—bringing the highest-caliber science and teamwork—is helping us achieve a much more ecologically complete and valuable “whole.”

Kim Forrest, Wildlife Refuge Manager, San Luis National Wildlife Refuge Complex, U.S. Fish and Wildlife Service

Valuable Long-Term Data Sets. PRBO’s ongoing data collection encompasses uncommon time spans and provides the foundation for our innovative conservation efforts. We are grateful to our partners who make this possible, including the U.S. Fish and Wildlife Service, National Park Service, NOAA, National Science Foundation, Bureau of Land Management, U.S. Antarctic Program, California Department of Fish and Game, California State Parks and many others (see back page). Some 2008 anniversaries:

- Farallon Islands – 39 years
- Bolinas Lagoon – 38 years
- Palomarin Field Station – 37 years
- Coastal Snowy Plovers – 31 years
- Ross Island, Antarctica – 26 years
- Rockfish cruises–seabirds – 24 years
- Año Nuevo Island – 17 years
- Central Valley riparian – 16 years
- Alcatraz Island – 16 years
- Northern Sierra – 13 years
- Eastern Sierra – 13 years
- S.F. Bay tidal marsh – 13 years
- Spotted Owls – 11 years
- Vandenberg A.F.B. – 10 years
- Alameda Least Terns – 10 years
- California deserts – 7 years
- Gulf of the Farallones – 5 years



Fisherman’s Bay, Southeast Farallon Island. Tufted Puffin. Pigeon Guillemots show foraging success.



Photos by Ron LeValley (www.LeValleyPhoto.com)

Gulf of the Farallones Marine Ecosystem. With strong upwelling and cool ocean temperatures in spring and summer 2008, most seabirds at the Farallon National Wildlife Refuge (off California’s Central Coast), as well as the surrounding ocean food web, saw increased productivity over the previous three years. PRBO’s at-sea surveys found increased levels of plankton, especially the shrimp-like krill. Cassin’s Auklets, which eat primarily krill, had a close to “average” reproductive year, after unprecedented breeding failures in 2005 and 2006. Juvenile rockfish returned in

the diets of Rhinoceros Auklets, Pigeon Guillemots and Common Murres (though not at the levels of a decade earlier). For the first time on record, California Gulls bred on the Farallones. Brandt’s Cormorants, after several strong years, experienced low productivity, a decline in the breeding population, and significant nest abandonment, due in part to a two-day record-breaking heat wave in May. Low reproductive success in 2008 was observed along the entire California coast for this species. We began investigating the possible cause(s).

PRBO's work has been extremely beneficial in helping us develop projects to sustain important ecosystems. That our partnership has been "institutionalized" into our annual planning process speaks volumes to the commitment by both parties.

Mark Williams, District Wildlife Officer, Lassen National Forest, U.S. Forest Service



Long-billed Curlew.

Peter LaTourrette (www.birdphotography.com)

Joining Forces to Advance Conservation.

The Nature Conservancy, Audubon California and PRBO banded together as the new Migratory Bird Conservation Partnership to protect, restore and enhance priority migratory bird habitat in California. PRBO's data management, research, monitoring and evaluation capabilities—combined with Audubon California's chapter membership and ability to mobilize citizen scientists, and TNC's expertise in land management and public policy—provide a synergistic capacity for effecting conservation on a broad scale.

Central Valley Riparian Habitats. PRBO continues to be a key partner in multiple ambitious efforts to restore riparian (riverside) habitat in California's Central Valley for birds, fish and other wildlife, as well as for economic benefits such as increasing groundwater storage and reducing flood damage. Our scientists monitored the return of riparian songbirds to sites recently restored—following PRBO recommendations—on the Sacramento River, San Joaquin River National Wildlife Refuge, Mokelumne River and Clear Creek.

Tracking Shorebirds by Satellite.

In the third year of an innovative collaboration, PRBO and colleagues used tiny satellite transmitters to track 22 nesting Long-billed Curlews from their breeding grounds to overwintering sites and back. This charismatic shorebird depends on highly threatened grasslands in Oregon, Nevada and Montana for breeding; many curlews migrate to wintering sites in California's Central Valley and Baja California's estuaries. Satellite-tagged birds, some tracked for over two years, have returned to their same breeding and wintering grounds, indicating strong site fidelity.

San Francisco Bay. PRBO teamed up with several partners and 100-plus citizen scientists to count shorebirds throughout San Francisco Bay over three days in November 2008—the sixth such massive effort. More than 341,000 birds were documented, representing a significant portion of the million or so shorebirds that use the Bay over the year to breed or refuel during migration. PRBO also coordinated and conducted ongoing surveys for the endangered California Clapper Rail, working with



Nils Warnock

Dennis Jorgensen of the World Wildlife Fund, a PRBO partner, releases a radio-tagged curlew.

federal, state and local agencies. This secretive bird, dependent on tidal marsh habitat, occurs only in San Francisco Bay. Both monitoring efforts help us assess the response of birds to conservation actions such as large-scale tidal wetland restoration, wetlands management, and non-native plant eradication.

Avian Monitoring on Private Lands. In California's Central Valley, PRBO completed a fifth year of work on private lands, which hold most of the region's current and potential wildlife habitat. By



Tom Grey

Nora Livingston, a PRBO intern, helps band a flycatcher chick in the Mono Basin. Above: Dusky Flycatcher.

PRBO provides the science that the Joint Ventures need to put quality habitat projects on the ground.

Ed Haste, Consultant, Resources Law Group

measuring bird response to conservation incentive projects, we are helping our partners achieve the objectives of government programs and the Central Valley Joint Venture. We have documented 205 bird species (31 of them special-status) using habitats on 98 properties.

California's Changing Deserts. From east of the Sierra Nevada through portions of the Sonoran Desert, PRBO studies birds that depend on arid habitats. In 2008, near-average winter precipitation in the Sonoran Desert resulted in a rebound of nesting success for several species, following widespread breeding failures in 2006 and 2007, record drought years. Nest loss to cowbird parasitism, a major threat to some bird populations, caused total or near-total breeding failure in 2008 for Willow and Dusky flycatchers at Rush Creek, near Mono Lake. But in our second year of cowbird trapping in the Amargosa Canyon near Death Valley, nest loss to cowbird parasitism dropped to zero for several species, from levels as high as 60–80%.

More details about the PRBO work featured here, as well as information on all our conservation science programs, can be found at www.prbo.org.

Ecosystem-based Management of Forage Fish. PRBO and the Marine Fish Conservation Network collaborated with a group of expert stakeholders to develop science-based fishery management policies that prioritize protection of forage fish (small fish that marine predators such as seabirds, whales, seals and sea lions rely on for food). Recommendations for ecosystem-based management of forage species to help sustain productive marine food webs are included in a summary report that we produced (www.prbo.org/cms/508).

Indicators of Climate Change. PRBO scientists contributed to a landmark report, *Indicators of Climate Change in California*, published in April 2009 by the state Office of Environmental Health Hazard Assessment to prioritize state actions in response to climate change. The report presents 27 indicators including PRBO's work on migratory songbirds at Palomar Field Station and Cassin's Auklets at the Farallon National Wildlife Refuge.



Viola Tomiolo

Ice is crucial in the lives of Adélie Penguins.

Penguins and Ice. In the Ross Sea region of Antarctica, we documented a relatively normal breeding season for Adélie Penguins in 2008–09. This followed several years of shifting mega-icebergs and of very low reproductive success at Adélie colonies that PRBO studies. One of these, the Cape Crozier colony, appeared to be at its limit with some 150,000 breeding pairs; chicks there received far less food and grew more slowly than their counterparts at smaller colonies. The Ross Sea, one of the last intact sea-ice ecosystems on Earth, has so far escaped major impacts from industrial fishing and whaling, but the recent collapse of many other fisheries worldwide puts this system at increased risk.



Missy Wipf leads after-school Bird Club in San Rafael, California.

Communicating Scientific Results.

Among the many presentations by PRBO staff in 2008–09 (see page 10 also):

- *Birds as indicators of conservation effectiveness* – Geoff Geupel (invited speaker), third annual California Rangeland Conservation Coalition Summit (January 2008, Sacramento).
- *Climate change and adaptive conservation* – Ellie Cohen (keynote), Southern California Wetlands Recovery Project/California Coastal Conservancy symposium (May 2008, San Diego).
- *Biodiversity, global change, and ecological niches* – John Wiens (invited presenter), National Academy of Sciences' prestigious Sackler Colloquium (December 2008, Irvine, California).
- *Biodiversity in a rapidly changing world* – John Wiens, one of five invited panelists synthesizing recommendations. Ninth National Conference, National Council for Science and the Environment (December 2008, Washington, D.C.).
- *Climate change, natural resources and coastal management* – Ellie Cohen (plenary presenter), Jaime Jahncke and Diana Stralberg (session presenters), West Coast-wide conference, U.S. Geological Survey/U.S. Fish and Wildlife Service (January 2009, San Francisco).

The seabird program through PRBO has allowed my students to become aware of how human actions end up affecting everyone.

Mali Pedroza-Chipman, 4th grade teacher, Cesar Chavez Elementary School, San Francisco

Oil Spill Preparedness. PRBO continued providing the State of California with training and readiness for responding to oil spills such as the 2007 *Cosco Busan* incident in San Francisco Bay. Our growing expertise extends from finding and collecting oiled wildlife to gathering and managing scientific evidence of impacts on birds.

Education and Outreach. PRBO educators reached thousands of students and citizens through school and community programs. On Alcatraz Island, which receives over 1.4 million visitors annually, we worked with the National Park Service to design a new seabird exhibit and train docents to interpret the seabird colonies for the public. Our classroom specialists launched a Seabird Education Awareness program for schoolchildren, who learned scientific methods and created posters alerting boaters not to disturb seabirds.

Translating Science for Policymakers. PRBO was honored to be one of the five organizations nationwide invited to testify on declines in migratory bird populations before a subcommittee of the U.S. House Committee on Natural Resources in July 2008. In addition,



Stuart Mackay (www.waders.org)

American Avocets use habitat on private land in the Central Valley (see page 4).

PRBO staff conducted briefings on our scientific findings and recommendations in Washington, D.C., Sacramento, San Francisco and Petaluma for key staff of the U.S. Fish and Wildlife Service, Department of Defense, U.S. Geological Survey, Bureau of Land Management, and California Department of Fish and Game, as well as for congressional staff.

International Interns. In cooperation with the National Park Service and U.S. Forest Service International Programs, PRBO hosted five interns during 2008 from Latin America and the Middle East. One of them, Roselvy Juárez, became her country's Partners In Flight coordinator after returning to El Salvador.

PRBO is deeply grateful to our individual, foundation, and corporate donors.



Roselvy Juárez,
a former PRBO
intern from El
Salvador.

Jonathan Gunther/
PRBO

San Francisco Research Center and Headquarters Capital Campaign

Gifts to our Lasting Legacy Campaign April 1, 2008 through March 31, 2009.

John DeBenedictis
Tim DeBenedictis
DMARLOU Foundation – Felipe Santiago, Barry Joseph, Susan and Richard Rahl
James E. and Julie C. Monson
Lisa and Tim Nelson

Affiliations

Organizations in which PRBO is an invited or elected member include: American Bird Conservancy, Avian Knowledge Alliance, Avian Knowledge Network, Bank Swallow Working Group, Bay Area Ecosystems Climate Change Consortium, Bay Area Watershed Network, Bay Delta Conservation Plan Science Advisory Panel, Bay-Delta Science Consortium, Bird Education Alliance for Conservation, Bolinas Lagoon Technical Advisory Committee, California Association of Winegrape Growers, California Partners in Flight, California State Parks Vehicular Recreation Areas (OHV) Review Panel, California Rangeland Coalition Research Committee, Canada–U.S. Shorebird Monitoring and Assessment Committee, Central Valley Bird Club, Central Valley Joint Venture, Cordell Bank Sanctuary Advisory Council Cosumnes Research Group, County of Marin Wind Energy Advisory Group, Environmental Education Council of Marin, Information Center for the Environment (U.C. Davis), Intermountain West Joint Venture–California Steering Committee, Laguna de Santa Rosa Biodiversity Advisory Committee, Landbird Monitoring Network of the Americas, Migratory Bird Partnership, Mono Basin Science Council, Mono Lake Outdoor Education Center Advisory Board, North American Banding Council, North American Bird Conservation Initiative—U.S. Committee, Oiled Wildlife Care Network, Pacific Coast Ocean Observing System (NOAA), Pacific Coast Joint Venture, Partners in Flight Research and Implementation committees, Petaluma Wetlands Alliance, Riparian Habitat Joint Venture, Sacramento River Riparian Sanctuary Technical Advisory Committee, San Francisco Bay Bird Observatory – Science Advisory Committee, San Francisco Bay Joint Venture, San Francisco Bay Upland Habitat Goals Steering Committee, San Francisco Bay Wetlands Regional Monitoring Program, San Francisco Science Collaborative, Shorebird Research Group of the Americas, Sierra Nevada Willow Flycatcher Working Group, Sonoran Joint Venture, Swainson’s Hawk Technical Advisory Committee, Thank You Ocean, Tomales Bay Watershed Council, Tricolored Blackbird Working Group, USFWS Birder’s Team, U.S. Shorebird Conservation Council, Waterbirds of the Americas, Western Bird Banding Association, Western Snowy Plover Working Groups—Regions 4 and 5.

Tern Society

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Gail Anderson and King McPherson	Don C. and Louise Johnston
Gayle A. Anderson	Joy Kennedy
Anonymous	Harvey and Mary King
Avis Boutell and Alice Miller	Nancy Kling
Dr. Richard Bradus	Robin L. C. Leong
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Ellie M. Cohen and Miki Goralsky	Willis J. and Gloria R. Price
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Carolyn Johnson and Richard Theis	Victoria Rupp
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Totton and Joanne Heffelfinger	Carter Thacher
Aaron Holmes	Stephen and Britt Thal
Robert E. and Ann Hunter, Jr.	David Thomas
Mrs. John H. Jacobs	Mary Ellen Warters
	Nadine Weil
	Stefan and Tess Williams

Tern Society members are individuals who have notified us that PRBO is included in their estates.

To support PRBO, please call or email Nancy Gamble at 707-781-2554 or ngamble@prbo.org.

View PRBO’s 4-star, highest rating from Charity Navigator at www.prbo.org.

Awards and Recognition. Some 2008–09 highlights:

- The Farallon National Wildlife Refuge won the U.S. Fish and Wildlife Service “Refuge of the Year Award for Environmental Leadership” in partnership with PRBO (assisted by volunteer skippers of the Farallon Patrol) for recycling, reducing consumption, and environmental stewardship.
- Naturalist Rich Stallcup received awards for lifetime achievement and volunteer leadership from the Gulf of the Farallones National Marine Sanctuary Association’s Beach Watch Program.
- President and CEO Ellie M. Cohen was honored as one of 100 “Women Taking the Lead to Save our Planet” by the National Women’s History Project.
- Director of Marine Ecology Jaime Jahnke joined the Science Advisory Committee for Cordell Bank National Marine Sanctuary.
- Education and Outreach Director Melissa Pitkin became an invited member of the Communications Committee of the North American Bird Conservation Initiative.

Landing in the Farallon National Wildlife Refuge, courtesy PRBO's Farallon Patrol.
Right: Collecting data on a Cassin's Auklet near its nest burrow.



Photos by Ron LeValley

2008-09 Friends of PRBO

Gifts received between April 1, 2008, and March 31, 2009, including gifts to our Lasting Legacy Campaign

\$1,000,000 and above

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Arthur and Alison Kern
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John and Julie Serences
Erik M. Smith and Margaret C. Wells
Nancy and Jerry Solari
Michael St. Peter
Jean Starkweather
Richard Theis
Samuel Thoron
Vivendi Universal
Nadine Weil
Erika Wilson

Farallon Patrol

The volunteer skippers of the Farallon Patrol provide year-round boat transportation for PRBO and U.S. Fish and Wildlife Service to our field station on Southeast Farallon Island.

Keith Sedwick, *Commodore*
Mike Alfred
Harry Andrews
Fred Babian
Tony Badger
Seth Bailey
Tom Baty
Terry Berkemeier
Rick Boyce
Laurie Chaikin
Tom Charkins
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\$100,000 to \$999,999

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Martha Day
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Tom and Colette Gamble
Dean and Nancy Hanson
Totton and Joanne Heffelfinger
J. C. Moore Consulting LLC
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\$500 to \$999

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Kenneth W. and Ethelind G. Gardiner

\$5,000 to \$9,999

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Edith and Jebb Eddy
Simon and Claire Francis
Richard & Rhoda Goldman Fund



Annie Schmidt

Cassin's Auklet chick.

Mountain Bluebird is one of the indicator species in PRBO's new Sierra Nevada project with the USDA Forest Service.

Tom Grey



Selected Publications Peer-reviewed papers and selected presentations, April 2008 through March 2009.

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Presentations

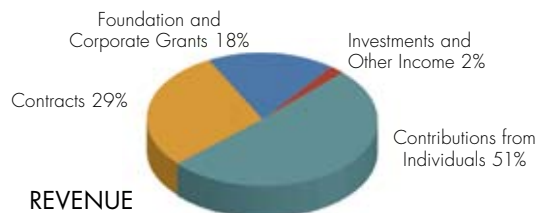
Grant Ballard, Ryan DiGaudio, Tom Gardali, Geoff Geupel, Mark Herzog, Catherine Hickey, Melissa Pitkin, Chris McCreedy, Leo Salas, Nat Seavy and John Wiens, presenters, Fourth International Partners in Flight Conference. On: conservation on private lands; decision tools for managers; other topics. (Feb. 2008; McAllen, TX)

Diana Stralberg and Dennis Jongsomjit, presenters, Society For Conservation Biology. On: quantitative tools for optimizing restoration on San Francisco Bay; predicting effects of climate and land use change. (July 2008; Chattanooga, TN)

John Wiens, Nat Seavy, Tom Gardali, Nadav Nur, Mark Herzog, Chrissy Howell, Aaron Holmes, Kristy Dybala and Scott Jennings, presenters, Joint Meeting of the American Ornithologists' Union, Cooper Ornithological Society and Canadian Society of Ornithologists. On: the importance of birds as a study model; advances in statistical habitat modeling; other topics. Led a symposium on avian habitat restoration. (August 2008; Portland, OR)

Jaime Jahncke and Russ Bradley, invited speakers, PICES (North Pacific Marine Science Organization). On: seabird diets and the marine food web; authored with PRBO and Pomona College colleagues; won Best Presentation Award from PICES Biological Oceanography Committee. (October 2008; Dalian, China)

John Wiens, presenter, American Association for the Advancement of Science. On: applying science for a new conservation strategy. (February 2009; Chicago, IL)



2008–09 Financials

Statement of Financial Position as of March 31, 2009 and 2008

	2009	Restated 2008*
Assets		
Current assets:		
Cash and cash equivalents	\$1,460,990	\$1,795,517
Certificates of deposit	896,478	–
Contracts receivable	1,151,298	1,258,398
Contributions, grants, and bequest receivable	2,162,666	152,000
Prepaid expenses and other current assets	89,838	23,759
Total current assets	<u>5,761,270</u>	<u>3,229,674</u>
Non-current assets:		
Board designated endowment fund	93,053	120,414
Property, net of accumulated depreciation	5,920,001	6,078,282
Total non-current assets	6,013,054	6,198,696
Total assets	<u>\$11,774,324</u>	<u>9,428,370</u>
Liabilities and Net Assets		
Current liabilities:		
Accounts payable	\$206,767	302,751
Accrued vacation	196,214	186,164
Deferred revenue	234,030	311,937
Current portion of note payable	424,339	–
Total current liabilities	<u>1,061,350</u>	<u>800,852</u>
Note payable:	<u>956,978</u>	<u>1,342,542</u>
Total liabilities	2,018,328	2,143,394
Net assets:		
Unrestricted		
Board designated funds	924,090	120,414
Other	6,430,395	4,870,466
Total unrestricted	<u>7,354,485</u>	<u>4,990,880</u>
Temporarily restricted	<u>2,401,511</u>	<u>2,294,096</u>
Total net assets	<u>9,755,996</u>	<u>7,284,976</u>
Total liabilities and net assets	<u>\$11,774,324</u>	<u>\$9,428,370</u>

Statement of Activities for the Year Ended March 31, 2009

	Unrestricted	Temporarily Restricted	Total
Revenues and Support			
Contracts	\$ 2,642,512	\$ 3,025	\$2,645,537
Contributions from individuals	3,171,900	1,432,718	4,604,618
Foundation and corporate grants	35,129	1,626,732	1,661,861
Investment income	12,062	–	12,062
Other income	163,729	5,257	168,986
Net assets released from restrictions	<u>2,960,317</u>	<u>(2,960,317)</u>	–
Total support and revenues	8,985,649	107,415	9,093,064
Expenses			
Program services			
Wetlands ecology	1,246,115	–	1,246,115
Terrestrial ecology	1,147,922	–	1,147,922
Marine ecology	975,043	–	975,043
Informatics	902,254	–	902,254
Science policy	463,992	–	463,992
Education and outreach	410,437	–	410,437
Total program services	<u>5,145,763</u>	–	5,145,763
Supporting services			
Management and general	1,022,711	–	1,022,711
Development	453,570	–	453,570
Total supporting services	<u>1,476,281</u>	–	1,476,281
Total expenses	<u>6,622,044</u>	–	6,622,044
Change in net assets	2,363,605	107,415	2,471,020
Net assets, beginning of period (as restated)*	<u>4,990,880</u>	<u>2,294,096</u>	<u>7,284,976</u>
Net assets, end of year	<u>\$ 7,354,485</u>	<u>\$ 2,401,511</u>	<u>\$ 9,755,996</u>

* Note: Previously permanently restricted funds of \$117,237 were reclassified as unrestricted. For a complete explanation of this correction please see the 2008-09 audit report at www.prbo.org/2008auditreport. The \$2,363,605 increase in unrestricted net assets is a result of two major gifts PRBO received this year.

The condensed financial statements presented above reflect PRBO's complete set of financial statements for the year ended March 31, 2009 which have been audited

by Perotti & Carrade, Certified Public Accountants, and on which they have rendered an unqualified opinion dated July 9, 2009. The organization's audited financial

statements and the independent auditor's report can be found at www.prbo.org/2008auditreport.

Laurie Talcott
Chief Financial Officer



PRBO Conservation Science



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Chief Financial Officer

Laurie Talcott

Chief Conservation Science Officer

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Sacha Heath
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Carleton Eyster
Doug George
Leonard Liu
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Matt Reiter, PhD
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Mark Herzog, PhD, *Co-Director*
Michael Fitzgibbon
Dennis Jongsomjit
Kirsten Lindquist
Douglas Moody
Nadav Nur, PhD, *Quantitative Ecologist*
Leonardo Salas, PhD
Diana Stralberg, *Landscape Ecologist*

Education & Outreach

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Rich Stallcup, *PRBO Naturalist*
Lishka Arata
Jennifer Martin Koepcke
Claire Peaslee
Missy Wipf

Development & Membership

John Baker, *Director, Program Development*
Nancy Gamble, *Director, Individual Giving*
Glena Records, *Membership & Events*
Eve Williams
Finance & Administration
Marilyn Kihara, *Controller*
Noah Eiger, *Director, Information Technology*
Lee Callero
Debbie Lehr
Chris Rintoul
Jill Talmage

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Frances Bidstrup
Mary Chase, PhD
Malcolm C. Coulter, PhD
Julus G. Evens
Steve N. G. Howell
David Hyrenbach, PhD
John P. Kelly, PhD
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Borja Mila, PhD
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Sophie Webb
David W. Winkler, PhD
Jon Winter
Steve Zack, PhD

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American Bird Conservancy
Ardea Consulting
Arizona Bird Conservation Initiative
Association of Bay Area Governments
AT&T Labs- Research
Audubon California
Audubon Canyon Ranch
Avocet Research Associates
The Bay Institute
Bird Studies Canada
Bodega Marine Laboratory

California Bay-Delta Authority
California Coastal Commission
California Coastal Conservancy
California Cooperative Fish Research Unit, Humboldt State University
California Dept. of Fish and Game
California Dept. of Parks and Recreation
California Dept. of Water Resources
California Institute for Energy and Environment
California Rice Commission
California State Universities
Canal Family Support Program
Central Valley Joint Venture
Central Valley private landowners
CH2MHill, Inc.
Conservation Biology Institute
Cordell Bank National Marine Sanctuary
Cornell Laboratory of Ornithology
Cornell University
Ducks Unlimited
Duke University
East Bay Municipal Water District
East Bay Regional Parks District
East Stanislaus Resource Conservation District
Friends of the Tuolumne, Inc.
Golden Gate National Parks Conservancy
Golden Gate National Recreation Area
Greenbridges and Adobe Valley, LLC
Gulf of the Farallones National Marine Sanctuary
H.T. Harvey & Associates
Imperial Irrigation District
Institute for Fisheries Resources
Klamath Bird Observatory
Las Cruces Biological Station
Laguna de Santa Rosa Foundation
Landcare Research – Manaaki Whenua, New Zealand
Literacy for Environmental Justice
Los Angeles Department of Water and Power
Marin County Community Development Agency
Marin County Dept. of Parks &

Open Space
Marin Municipal Water District
Marine Fish Conservation Network
Massey University
MBK Engineers, Inc.
Mono Lake Committee
Monterey Bay Aquarium
National Audubon Society & local chapters
National Coalition for Marine Conservation
National Fish & Wildlife Foundation
National Park Service & national parks
National Science Foundation
Natural Resources Defense Council
The Nature Conservancy
New Zealand Ornithological Society
NOAA Fisheries
NOAA Marine Sanctuaries
North American Bird Conservation Initiative
North Pacific Research Board
Oceana
Office of Naval Research
Oikonos
Oiled Wildlife Care Network
Olofon Environmental, Inc.
Oregon Dept. of Fish & Wildlife
Oregon State University
Park Flight
Philip Williams and Associates
Point Reyes National Seashore
The Presidio Trust
Prince William Sound Science Center
River Partners
San Joaquin County Resource Conservation District
San Luis National Wildlife Refuge Complex
San Francisco Bay Bird Observatory
San Francisco Bay Joint Venture
San Francisco Bay National Wildlife Refuge Complex
San Francisco Estuary Institute
San Francisco Estuary Project
San Joaquin County Resource Conservation District
San Vito Bird Club

Scripps Institution of Oceanography
Sequoia Riverlands Trust
Simon Fraser University
Solano County Farmlands & Open Space Foundation
Sonoma County Agriculture & Open Space District
Sonoma Land Trust
Sonoran Joint Venture
Smithsonian Institution
Stanford University
Stillwater Sciences, Inc.
Thomas Reid Associates
Tulare Basin Wildlife Partners
United Anglers of Southern California
U.S. Bureau of Land Management
U.S. Bureau of Reclamation
U.S. Environmental Protection Agency
USDA Forest Service
USDA Forest Service- Redwood Sciences Laboratory
USDA Natural Resource Conservation Service & Resource Conservation Districts
U.S. Fish & Wildlife Service & National Wildlife Refuges
U.S. Geological Survey
USGS California Off-Highway Motor Vehicle Recreation Division
University of California, various campuses
University of New Orleans
University of San Francisco
University of Victoria, B.C.
Vandenberg Air Force Base
Vermont Institute of Natural Science
Wak Ka Koneke Indigenous Association
Washington Dept. of Fish and Wildlife
Washington State University at Vancouver
Western Shasta Resource Conservation District
Wetlands & Water Resources
Zander Associates