

COMING TOGETHER FOR BIRDS

YOU EMPOWER THE CORNELL LAB OF ORNITHOLOGY TO BRING BIRDS AND PEOPLE TOGETHER.

10,473
species of birds
in the world



100,000

financial supporters of the Cornell Lab of Ornithology



350,000

contributors submitted data to citizen-science projects



1,000,000

smartphone users downloaded the Merlin app to identify a bird



16,000,000

annual visitors to the All About Birds website



FUELING SCIENCE

Cornell Lab of Ornithology researchers published 105 peer-reviewed articles in scientific journals in 2015, a 50% increase over 2012

REVEALING THE GRAND PATTERN **OF ANNUAL MIGRATION**

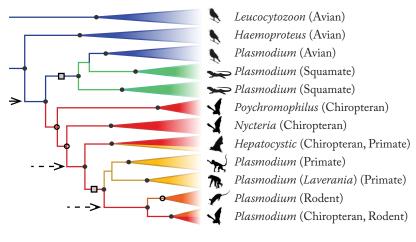
In January Frank La Sorte and coauthors published research that documented—for the first time—the migratory movements for 118 bird species throughout the Western Hemisphere. The study found that most of these birds follow a clockwise loop, migrating along the coast and out over the Atlantic Ocean in fall, then returning farther inland in spring. "By using eBird data and other forms of migration tracking information, we're getting a more detailed picture than ever before about where and when birds migrate," said La Sorte. "That's the kind of information we need to make smart conservation decisions."

Right: An animated graphic of Frank La Sorte's bird migration research went viral online, where more than 3 million people watched the dancing dots for each species travel from North to South America and back. See it for yourself at bit.ly/migrationdots Inset: Violet-green Swallow by Dennis Cooke/Macaulay Library.

-20 January June-July December Longitude

MALARIA FAMILY TREE LEADS BACK TO BIRDS

About 500,000 people worldwide die of malaria each year, so modern medicine needs to better understand how the disease evolves. In March, PhD student Holly Lutz and coauthors published research that presented DNA analyses for 170 lineages of malaria parasites, shedding light on the little-known malarial family tree—including the discovery that malaria has its roots in bird hosts, from which it spread to bats, and then on to other mammals. "We can't begin to understand how malaria spread to humans until we understand its evolutionary history," explained Lutz. "In learning about its past, we may be better able to understand the effects it has on us." People can't catch avian malaria, however. Of the 400 strains of malaria worldwide, only four or five strains affect humans.



LAB CHRISTENS A NEW RESEARCH VESSEL IAEGER

In June scientists in the Bioacoustics Research Program made the maiden voyage on a newly acquired 42foot seafaring boat to retrieve acoustic recording devices along the Massachusetts coast. Moored in Long Island and christened the Jaeger (after the Long-tailed Jaeger, a migratory seabird), the boat will be used for research on ocean habitats, including studies on whales and seabirds.



PHOTO COURTESY OF FRED CHANNELL



Cornell Lab postdoctoral researcher Jennifer Walsh outfits a Saltmarsh Sparrow with an ID leg band along the coast of Maine.

RISING TIDES ARE SWAMPING SPARROW NESTS

Climate change is changing the world for birds, especially for species in coastal areas. Postdoctoral researcher Jennifer Walsh has been studying the Saltmarsh Sparrow, the only songbird that lives year-round in East Coast saltmarshes. The nesting of Saltmarsh Sparrows is exquisitely synched with tidal cycles-26 days from nest building to fledging chicks, neatly squeezed between the monthly full moon tides. But there's very little wiggle room. Walsh and her collaborators have documented that tidal flooding is the leading cause of nest loss and chick mortality. She says a sea-level rise of just two inches may swamp all of the

> Saltmarsh Sparrow habitat in coastal New England. Walsh is conducting her research as part of a dual appointment as an NSF postdoctoral research fellow and postdoctoral research associate of the Cornell Lab's Fuller Evolutionary Biology Program.

MARK IOHNSON/MACAULAY LIBRARY

RESEARCH ENDOWMENTS

Sustainable funding for future generations of scientists

Highlights of endowed research from the past year:

Ivy Expeditions Fund

The first behavioral research on an enigmatic bird

The Sapayoa's scientific name is Sapayoa aenigma. Indeed it is an enigmatic bird that lives in Panama and South America, while all of its evolutionary relatives live in Africa and Asia. This surprising piece of biogeography—one species separated from its ancestry by an entire ocean—had been suggested by genetic data, but never supported by behavioral data. That changed with research published in *The Auk*, the journal of the American Ornithologists' Union, based on field studies by a team of Cornell University students and recent graduates. The Ivy

Expeditions team, including undergraduates Sarah Dzielski, Jonathan Hruska, and Benjamin Van Doren, spent a month at a field camp in remote eastern Panama searching for and observing Sapayoa nests. They came back to Ithaca with a bundle of discoveries, including the surprise that Sapayoas are cooperative breeders (males and females, adult and immature birds all help feed the young). Many of the Sapayoa's Old World relatives are also cooperative breeders.



The Sapayoa, the New World's most enigmatic bird.

Robert L. and Margaret Craig Education Fund

Professional mentorship for Caribbean biologists



At a Cornell Lab workshop in Jamaica, participants learned techniques in bird specimen preparation and preservation.

The West Indies is a hotspot for bird species diversity and conservation, and young scientists in the region are eager for ornithological training. Last July Cornell Lab ornithologists traveled to Jamaica to conduct a bird specimen preservation workshop at a meeting of the BirdsCaribbean ornithological society. The workshop was filled to capacity, with participants from 13 countries representing institutions from local conservation organizations and government agencies to universities. Afterward, event organizers in Jamaica asked that the Cornell Lab conduct the workshop again at future BirdsCaribbean meetings.

SALTMARSH SPARROW BY 54 LIVING BIRD • ANNUAL REPORT • AUTUMN 2016 AUTUMN 2016 • ANNUAL REPORT • LIVING BIRD 55

INNOVATING FOR CONSERVATION

"37% of North American bird species need urgent conservation action" -The State of North America's Birds 2016 Report

AN INTERNATIONAL SUMMIT ON NORTH AMERICA'S BIRDS



In May, Environment and Climate Change Canada Minister Catherine McKenna presented *The State of North America's Birds* report at a trinational meeting of Canadian, American, and Mexican government agencies in Ottawa. Cornell Lab Director of Conservation Science and Garvin Professor of Ornithology Amanda Rodewald (far right) also spoke about the report, which was produced by the Cornell Lab and partners.

LAND TRUSTS FOR BIRDS

Land trusts manage more than 24 million acres of private lands, an area equal to the entire National Park System in the lower 48 states. In June the Cornell Lab partnered with the national Land Trust Alliance to launch birdtrust.org, a website with resources, tools, and technical support to empower land trusts to make strategic conservation decisions. "We can't move the needle on declining bird populations until we are able to address their conservation needs on private lands," explained Ron Rohrbaugh, Cornell Lab assistant director of Conservation Science. Funding for this initia-Protectea tive was provided by the Sarah K. de Coizart Forever Foundation.

PHOTO OF BOBOLINK COURTESY OF ABBIE CHURCH

CALIFORNIA CONDOR CAM

California Condor #111 is a living legend. Hatched in captivity at the San Diego Zoo and released into the wild, she has been breeding and contributing nestlings to California's wild condor flock since 2001. This past February she nested in a cliffside cavern in Ventura County—and a Cornell Lab Bird Cam was there. Broadcast in partnership with the U.S. Fish and Wildlife Service, the Santa Barbara Zoo, and the Western Foundation of Vertebrate Zoology, the live-streaming cam attracted more than 250,000 web viewers from 150 countries.



The Cornell Lab's Condor Cam broadcast the first-ever public viewing of a hatching California Condor chick.

A BROWN PELICAN BIRDING BLITZ

Brown Pelican

In April Audubon California and the U.S. Fish and Wildlife Service put out a call for eBirders along the Pacific Coast and Baja California Peninsula to go looking for Brown Pelicans. In recent years, pelican breeding productivity in the region has been poor, just as anchovy

and sardine populations (key food sources for pelicans) have collapsed. With concerns growing about the health of the pelican population, this two-day, crowd-sourced survey provided a comprehensive look at pelican abundance and age distribution. "eBird allows us to take a snapshot of a single species at a specific point in time across a wide geographical area," said Brian Sullivan, co-leader of the program for the Cornell Lab of Ornithology. "By tapping into the eyes and ears of bird watchers, we

Cornell Lab of Ornithology. "By tapping into the eyes and ears of bird watchers, we can gather data that can then be used to protect the birds we all care about." Over time, repeated eBird pelican surveys will provide a trend line that can be used to analyze population trends.

A JOURNAL FOR CITIZEN-SCIENCE

The Cornell Lab has been at the forefront of citizen science since 1966. Today more than 350,000 people worldwide contribute to the Lab's citizen-science projects, including eBird, Project FeederWatch, and NestWatch. In May citizen science crossed a new threshold as a scientific discipline with the launch of a journal dedicated to supporting the practice of citizen science—Citizen Science: Theory and Practice. Rick Bonney, Cornell Lab director of Public Engagement in Science, is editor-in-chief of the openaccess, peer-reviewed journal.

MACAULAY LIBRARY GROWS 400% -1,100,000 1,000,000 900.000 800.000 700,000 600,000 500,000 400,000 300,000 Digital upload Audio 200,000 Photos IMAGES FROM MACAULAY LIBRARY (LEFT COLUMN, TOI Traditional to bottom) Stresemann's Bush-Crow by Luke Seitz, SUPERB FAIRYWREN BY SANDRA GALLIENNE, EURASIAN Video Blue Tit by Katarina Paunovic. (Right column, 100.000 top to bottom) Black Noddy by Jacob Drucker, VERMILION FLYCATCHER BY JOEL TRICK, ZITTING Audio CISTICOLA BY NEOH HOR KEE 2009 2010 2011 2012 2013 2014 2015 2016

In 2015 the Linda R. and William E. Macaulay Library began receiving natural history media submissions from the public via eBird. So far in 2016, the library has received more than 1.1 million new contributions of audio and photo files. The vast majority of those new files are photos, but the library also received 20,000 audio files of nearly 3,000 species, including about 200 species new to The Macaulay Library—making the world's largest archive of natural sounds even larger.



POWERFUL MULTIMEDIA WITH A CONSERVATION FOCUS

On the heels of the 2015 PBS documentary The Sagebrush Sea, the Cornell Lab's Multimedia Program launched the Conservation Media initiative for the world's most at-risk bird species. The initiative produces science-based stories and first-person field reports on species and the environmental conditions they face; forges alliances with local and international organizations to accomplish specific conservation objectives; works closely with partners to create top-quality stories and reports, educational tools, and media kits for long-term public outreach; and disseminates media to organizations dedicated to long-term impacts.

For example, in Brazil the team is working with local conservation group Aquasis on the critically endangered Araripe Manakin, a newly discovered species that lives exclusively in a small area of remnant habitat. In the Bering Sea, they are gathering media on seabird-nesting islands for partners working on international Arctic policy-making through the Arctic Council's Conservation of Arctic Flora and Fauna working group. And in central Africa, they are creating communications tools for the government of Gabon and the USFWS International Trade Affairs office to highlight the implications of trade in the Gray Parrot.

AUTUMN 2016 • ANNUAL REPORT • LIVING BIRD 57

EMPOWERING THROUGH EDUCATION

"People like Dr. Bonter maintain Cornell's reputation as the outstanding undergraduate institution that it is, and pave the way for its students' future success." – student from David Bonter's class



CORNELL LAB SCIENTIST RECEIVES HIGH HONOR FROM COLLEGE

The Cornell University College of Agriculture and Life Sciences named David Bonter as the 2016 Professor of Merit, the college's highest honor for recognizing faculty engagement with undergraduates. Nominated by the Class of 2016, Bonter received high marks from his students for the field ornithology courses he teaches on campus and at the Shoals Marine Laboratory on Appledore Island off the coast of Maine. "Dr. David Bonter is both an exceptional educator and tireless academic who has helped shape Cornell's undergraduate research program into one of the strongest in the country," wrote one student on the nomination form. Bonter, who is also the Cornell Lab's Arthur A. Allen Director of Citizen Science, mentors more than 15 undergraduates in a research-focused lab group that has published a series of papers in prestigious scientific journals.

TRAINING THE NEXT GENERATION OF SCIENCE LEADERS

Postdoctoral programs at the Cornell Lab offer promising young scientists the opportunity to launch their careers at an Ivy League research institution.

 $\label{eq:decomposition} \mbox{Dr. Scott Taylor recently accepted a professorship in the Department of Ecology and}$

Evolutionary Biology at the University of Colorado Boulder after four years at the Cornell Lab. As a Cornell postdoctoral researcher, Taylor published groundbreaking evolutionary biology research on how climate change is affecting the Black-capped and Carolina chickadee hybrid zone, on the evolutionary history of the world's redpoll finches, and on the remarkable genetic similarity between Golden-winged and Blue-winged warblers.



Dr. Alexander Lees has accepted a lectureship in

tropical ecology at Manchester Metropolitan University after a year of biodiversity con-



servation research at the Cornell Lab. Lees was also a member of the research consortium Sustainable Amazon Network. News stories about Lees' research on hydropower dam threats to the Amazon's biodiversity ran in the *Washington Post* and the *Daily Mail* in the United Kingdom.

In 2017 the newly created Edward W. Rose Postdoctoral Fellowship will host its first researcher. The Rose Fellowship is a competitive program that recruits scholars whose research interests align with the Cornell Lab's mission "to interpret and conserve the earth's biological diversity through research, citizen science, and education focused on birds."



Cornell Lab director John W. Fitzpatrick and Benjamin Van Doren at Cornell University's 2016 graduation ceremony.

FROM 3RD-GRADE BIRD SLEUTHER TO OXFORD PHD

At age 22, Benjamin Van Doren is already beginning his second decade of scientific research—and he just graduated from Cornell University with his bachelor's degree. It began when a 3rd-grade teacher hooked Van Doren on birds with the Cornell Lab's science curriculum (now known as BirdSleuth). Later, in high school, he pursued an ambitious research project on migratory birds that earned him a finalist slot in the nationwide Intel Science Talent Search. As a Cornell undergrad he wrote and contributed to nine academic papers—a record some postdoctoral fellows might envy. After graduation, he was awarded the prestigious Marshall Scholarship to attend Oxford University as a PhD student next year.

COMING SOON: MERLIN EN ESPAÑOL

More than 1 million smartphone users have downloaded Merlin, the Cornell Lab's bird identification app. Soon Merlin will relaunch for an even larger audience in the Americas (where Spanish speakers outnumber English speakers 2-to-1) with *Merlin en español*. The new Spanishlanguage Merlin app is being developed in partnership with the Mexican conservation agency CONABIO. It will include 500 additional species found in Mexico, Belize, and Guatemala.



INTRODUCING THE CORNELL LAB PUBLISHING GROUP

In March 2016 the Cornell Lab Publishing Group released a set of children's books, bird coloring books, and birdsong guides with built-in players using sounds from the Macaulay Library. Featured in bookstores across the country, books from the publishing group further the Cornell Lab's mission to nurture new generations in appreciating birds. See current and future offerings at cornelllabpublishinggroup.com.



BIRDS AS A NATURAL SCIENCE LEARNING TOOL



Cornell Lab education specialist Lilly Briggs introduced Colombian students to the birds around them on a nature walk at a BirdSleuth workshop in the village of Andes.

The Cornell Lab's BirdSleuth program brought its fun and friendly science curriculum to 10,000 U.S. classrooms in 2016, as well as rural schools in Mexico, Costa Rica, Guatemala, Belize, Nicaragua, Peru, and Colombia.

BirdSleuth workshops show teachers how to engage students through interactive games and inquiry-based learning activities that use birds as a window into their natural world. Students say the BirdSleuth activities open their eyes to the world of birds.

"Before I did not know how to distinguish birds from one another and did not give careful attention while they were singing," said Samuel Suárez Vargas, an elementary school student who participated in BirdSleuth learning games in Antioquia, Colombia. "But now I have a different view about birds, and I am very interested."

HANDBOOK OF BIRD BIOLOGY VERSION 3.0



In 1972, the Cornell Lab introduced the first college-level correspondence course in ornithology, "A Home Study Course in Bird Biology", along with the *Handbook of Bird Biology* textbook. Since then, more than 15,000 people in 65 countries have enrolled in the Home Study Course. In 2016 Wiley-Blackwell published a third edition of the *Handbook of Bird Biology* with expanded and updated coverage of all the world's birds. The new *Handbook* is connected to online learning tools, such as interactive modules and animated illustrations, via the Cornell Lab's Bird Academy website at **birdbiology.org**. "I think it's the most incredible companion website for any textbook ever published, not just among ornithology texts, but about any subject," says Irby Lovette, *Handbook* 3rd edition editor and Fuller Professor of Ornithology at the Cornell Lab. Bird Academy is also offering a new course, *Ornithology: Comprehensive Bird Biology*, that uses the *Handbook* as the required text.

AUTUMN 2016 • ANNUAL REPORT • LIVING BIRD 59



Making Good Things Happen

Cornell Lab members, friends like you, make good things happen to benefit birds. Your support of and involvement in Lab activities is a winning combination of passion, intellectual engagement, philanthropy, and friendship. Thank you on all counts.

I've benefitted enormously from a long-time association with the Lab, from my first birdsong recording experience in 1988 to my current role as chair of the Lab's Administrative Board. The Lab has strengthened my passion for birds, provided me with innumerable challenges and learning opportunities, and taught me the essential role you play as a Lab member.

Thank you for sharing my passion and for contributing to the Lab's successes in 2015. The Lab is a strong, purposeful, and vibrant organization. Its future is bright and, thanks to friends like you, it will advance its mission with confidence, enthusiasm, and a strong base of support.

Linda R. Macaulay Linda Macaulay

Chair, Board of Directors, Cornell Lab of Ornithology

SPECIAL THANKS TO ALL OUR DONORS

We are deeply grateful to donors at every level, all of whom make it possible for the Cornell Lab of Ornithology to advance the understanding of nature and engage people of all ages in learning about birds and protecting the planet.

DISCOVER CAMPAIGN

Recognizing gifts and pledges to the campaign of \$50,000 or more through December 31, 2015

\$1,000,000 and up

Anonymous (3) Steve and Ellen Adelson Ian and Annette Cumming Mr. and Mrs. V. Richard Eales Russell and Carol Faucett Mr. John Foote and

Ms. Kristen Rupert Forest Park Foundation Mr. and Mrs. H. Laurance Fuller Mrs. Imogene Powers Johnson Kenneth L. Harder Trust Estate of Linda F. Kramer Leon Levy Foundation Macaulay Family Foundation Claudia Madrazo de Hernandez Mr. and Mrs. Edwin H. Morgens H. Charles and Jessie Price Mr. and Mrs. Edward W. Rose III Estate of Robert F. Schumann Mrs. Jennifer P. Speers The Bobolink Foundation Wolf Creek Charitable Foundation

\$500,000 to \$999,999

Anonymous Estate of Margaret R. Barton Mrs. Louisa Copeland Duemling Nicky and Frederick Falck Estate of Richard and Janey Schnoor The Novce Foundation

Mr. and Mrs. Joseph H. Williams

\$250,000 to \$499,999

Anonymous Estate of Helga N. Alten Mr. and Mrs. Philip H. Bartels Dr. Joan Brenchley-Jackson Mr. and Mrs. Judson M. Dayton Ms. Julia Davton Mr. Bernard Iliff John D. and Catherine T.

MacArthur Foundation Kathryn and Herman Kiplinger Estate of Samuel Kramer Elizabeth and Jean Rowley Scott and Julia M. Schnuck Irwin and Melinda Simon Ms. Marybeth Sollins Estate of Shirley A. Victor K. Lisa Yang

\$100,000 to \$249,999

Anonymous

Estate of Marjorie L. Barrows Mr. James Branegan and Dr. Stefania Pittaluga Mr. and Mrs. James R. Carpenter Elisabeth C. Dudley K. William and Susan Fraser Ms. Mary Pick Hines Ms. Marguerite Hoffman Ms. Tracy E. Holmes Mr. Jason S. Kats Mr. Austin H. Kiplinger Estate of Mr. E. A. Leinroth, Jr. Ms. Mary Ann Mahoney James and Sally Morgens Mr. Thomas F. Murphy & Family Estate of Marjorie Pitts Sarah K. de Coizart TENTH Perpetual

Charitable Trust Mr. and Mrs. Nelson Schaenen, Jr. Drs. Sheldon and Lucia Severinghaus Mr. and Mrs. Ernest R. Shortridge Estate of Stephen Stackpole Estate of Pamela J. Story The Joseph and Felicia Weber Family

Mr. L. Christopher Wright

\$50,000 to \$99,999 Anonymous (2) James and Susannah Adelson David and Carol Adelson Emily and John Alexander Mr. Rex J. Bates Estate of Helen C. Bell Mr. Ronald L. Clendenen Earl and Barbara Doolin Mr. and Mrs. Alexander Ellis III Ms. Meryl A. Faulkner Estate of Elizabeth E. Fay Mr Chris J K Goodwin Dr. and Mrs. Thomas Richard Halberstadt **Kiplinger Foundation**

Ms. Ronni Lacroute Mr. and Mrs. Brian J. Miller James and Rebecca Morgan Ms. Mary Mundinger Inge and Uwe Reichenbach Robert G. and Jane V. Engel Foundation The Seeley Foundation

Estate of Madelon G. Wehner

LEGACY GIFTS

Anonymous (3) Ms. Diane Adkin Estate of Margaret R. Barton Mrs. Karen F. Beall Mrs. Janet Blam Ms. Helen Blohm Sandra and Jeff Bricker Ms. Cori A. Brown Ms. Michele Burlew and Mr. John Bauhs Ms Fleanor R Campbell Dr. Jackie Canterbury Mr. and Mrs. James R. Carpenter

Corry and Dave Clinton

Estate of Brenda V. Harrison

Mr. and Mrs. H. Laurance Fuller

Mr. and Mrs. Bradley R. Grainger

James and Marilyn Hampton

James and Catherine Gero

Ms. Marcia R. Exter

Dr. Millicent S. Ficken

Mr. Michael Fishbein

Mr. Robert Garbacz

Ken and Jean Haas

Ms. Marjorie Harbin

Mr. Duncan Hartley

Dr. Adadot Hayes

Jane and Gerry Haviland

Joe and Suzanne Henninge

Judith Howard and Chris Fisher

Mrs. Imogene Powers Johnson

Patricia Larson and Peter Saunders

Ms. Margaret B. Hicklin

Tom and Patsy Inglet

Dr. Carol Letendre

Ms. Ann M. Mayer

Estate of Anita Mills

Mr. Gary L. Newkirk

Ms. Patricia Packer

Mr. Jack R. Rhein

Mr. Skip Russell

Dr. Sonja Sorbo

Tom Shepard

Ms. Candace Osdene

Mr. Robert T. Patterson

James and Valorie Ramakka

Inge and Uwe Reichenbach

Steven and Wendy Richards

Elizabeth and Jean Rowley

Mr. and Mrs. Vern Smiley

Estate of Stephen Stackpole

Mr. and Mrs. Michael Stahnke

Roger and Betty Robb

Ms. Marjorie McGranahan

Mrs. Shirley Stewart McGrath

Marcia and Thomas Morton

Hildegarde and George Morgan

Ms. Joyce F. Colwell \$1,000,000 and up Ms. Victoria Conway Anonymous (3) Ms. Cornelia Daley and Forest Park Foundation Mr. Phil Cowan Estate of Linda F. Kramer Mr. Michael Damer Mr. and Mrs. Edward W. Rose III Ms. Doris B. Donk Mrs. Jennifer P. Speers Mr. and Mrs. V. Richard Eales The Bobolink Foundation Len and Pat Eiserer Wolf Creek Charitable Foundation

\$500,000 to \$999,999

Mr. David T. Stein

Mr. Scott A. Sutcliffe

Mrs. Mary Van Vleck

Dr. Jane E. Woods

Estate of Shirley A. Victor

Mr. L. Christopher Wright

FY16 DONORS

Recognizing gifts and

payments toward previous

pledges of \$1,000 or more

made from July 1, 2015

through June 30, 2016

Mr. Robert Swift

Russell and Carol Faucett Mr. and Mrs. H. Laurance Fuller

\$250,000 to \$499,999

Steve and Ellen Adelson Ms. Julia Dayton Mr. John Foote and Ms. Kristen Rupert Mrs. Imogene Powers Johnson Estate of Samuel Kramer Mr. and Mrs. Edwin H. Morgens H. Charles and Jessie Price Estate of Robert F. Schumann Mr. and Mrs. Joseph H. Williams K. Lisa Yang

\$100,000 to \$249,000 Anonymous Mr. and Mrs. Philip H. Bartels Mr. James Branegan and Dr. Stefania Pittaluga Mr. and Mrs. V. Richard Eales K. William and Susan Fraser Estate of Mr. E. A. Leinroth, Jr. Leon Levy Foundation Claudia Madrazo de Hernandez Irwin and Melinda Simon Ms. Josephine Wilkinson-Gould

\$25,000 to \$99,999

Anonymous (2) David and Carol Adelson James and Susannah Adelson Emily and John Alexander Estate of Mrs. Ruth D. Dillon Earl and Barbara Doolin Elisabeth C. Dudley Mrs. Louisa Copeland Duemling Ms. Marguerite Hoffman Ms. Tracy E. Holmes Mr. Bernard Iliff

Ivy Expeditions Fund Ivy Fellowship Fund Mr. Austin H. Kiplinger Kathryn and Herman Kiplinger Macaulay Family Foundation James and Sally Morgens Mr. Thomas F. Murphy & Family Mrs. Ruth Rollins Mr. and Mrs. Nelson Schaenen, Jr. Scott and Julia M. Schnuck Ms. Paula Shaud Ms. Marvbeth Sollins Manley and Doriseve Thaler Joseph and Felicia Weber Family

\$10,000 to \$24,999

Anonymous (4)

Dr. and Mrs. David Adelson Adelson Family Foundation Andrew Sabin Family Foundation Arthur A. Allen Company, LLC Mr. Rex J. Bates Ms. Teresa Beck Samuel and Diane Bodman Ms. Amanda Burden C.A.N. Foundation Elliot and Karin Cattarulla Ms. Gina Charles Mr. Ronald L. Clendenen David & Goldie Blanksteen Trust Mr. and Mrs. Judson M. Dayton Dr. Joseph & Lillian Stiefel Foundation Deborah and Philip Edmundson Mr. and Mrs. Alexander Ellis III

Dr. and Mrs. Thomas Richard Halberstadt Ann and Jim Hancock Dr. Adadot Hayes Ms. Mary Pick Hines Mrs. Muriel K. Horacek Mrs. Claire Strohmever and Dr. Michael Hurben Kathryn and John Jacobus Mr. and Mrs. David Junkin Mr. Jason S. Kats Ms. Ronni Lacroute Eric and Constance Lincke Betty and Whitney MacMillan Mrs. Frances W. Magee Ms. Mary Ann Mahoney Mr. and Mrs. Brian J. Miller James and Rebecca Morgan Lauren Morgens and Matthew J. Sarver

Ms. Meryl A. Faulkner

Mr. Chris J. K. Goodwin

George and Deirdre Glober

Ms. Elizabeth E. Murray Evelyn and Gregory Oyler Mr Alan Paller Bob and Kathy (Engert) Patterson Howard and Cindy Rachofsky Inge and Uwe Reichenbach Ms. Gay Rogers Elizabeth and Jean Rowley

Dr. and Mrs. Kenneth T. Steadman Ms. Joanna Sturm Ms. Julia Swords The Bessemer National Gift Fund The Merwin Foundation The Robert W. Wilson Charitable Trust Mrs. Susan N. Wagner Stephen Allison Wald Wallace Genetic Foundation Dr. Elizabeth Weinshel Gale Wiggin Mr. Michael Williams and

Ms. Sally Russ

Samuel Freeman Charitable Trust

\$5,000 to \$9,999

Anonymous Mr. J. Dinsmore Adams, Jr. Mr. and Mrs. John E. Alexander Nedda Allbray Ms. Wilhemina Austin Mr. Robert S. Baker Mrs. Meridith R. Beck Mrs. Judith L. Biggs Mr. Vincent Bradley Mr. Garth Bray Mr. James R. Bridgeland, Jr. Mr. Bart Brown C.H. Stuart Foundation Ms. Dixie G. Camp Mrs. Mary L. Carlsen Mrs. Dorothy Carpenter Mr. Robert Cavender Dr. Jodi A. Chambers Mr Andres Choussy Mrs. Ann A. Corscaden Robert and Vanne Cowie Ms. Laurie Dann Mr. Robert DeLine Mr. Leonard J. Eaton, Jr. William and Phyllis Eaton El Deseo Foundation Joseph and Barbara Ellis Mrs. Jane V. Engel Neal and Ronna Erickson Nicky and Frederick Falck John and Molly Fitzpatrick Mr. and Mrs. Samuel C. Fleming Drs. Einar and Sally Gall James and Catherine Gero Mr. and Mrs. Robert G. Goelet Ms. Faith F. Hughes John & Mary Clare Ward

Family Foundation Tom and Edwina Johnson Mr. Alan R. Johnston Mrs. Judith M. Joy Mr. L. William Kay II Ms. Margaret Kilgore Estate of Bertha A. Lewis March Conservation Fund Ms. Nancy McReel Meta Alice Keith Bratten Foundation Mr. Bailey Smith Ms. Sandra J. Moss

Ms. Jerlline and Denis Muller Ms. Mary Mundinger Mr. and Mrs. Thomas Nissley Ms. Susan Permut Ms. Patty Quillin Dr. & Mrs. Jan R. Radke Dr. Patricia Rvan and Dr. Andrew Farnsworth Peter and Christine Schluter Patricia and Richard Schramm

Mr. Douglas Sheldon Mrs. Carol U. Sisler Ms. Candis Stern John and Bonnie Strand Charles and Nancy Trautmann Trust for Wildlife Mr. and Mrs. David Wald Mr. Ted Weinreich White Pine Fund Dick and Bonnie Wilson

Yavanna Foundation \$1,000 to \$4,999 Anonymous (6) Michael and Patricia Abbene Mr. Joseph Acosta Mr. and Mrs. Heman P. Adams Ms. Martha L. Adams Mr. Ferris Akel III Ms. Oona Aldrich Mr. John R. Alexander Mr. John Alic Dr. Howard Lee Allen Mrs. Jacqueline Amicucci Dr. Mary Alice Anderson Estate of Elwin F. Anderson Ms. Linda M. Anderson Mrs. Maureen Anderson Mr. William R. Anderson Mrs. Ruth L. Anderson Ms. Janet Anderson-Ray Dr. Barbara Apostolou Mrs. Jean R. Armour Mr. Dominic Auld Mr. James H. Averill, Jr. Ms. Susan Baislev Ms. Judith M. Bajoris Mr. James A. Baker IV Dr. Jeffrey Baldani and Ms. Ulla

Grapard Mr. George Ball Ms. Alice-Ann Bandoni Ms Robin Barker and Mr. David Tempero Ms. Sallie Barnes Ms. Nancy R. Baron Dr. Earl G. Barton Ms. Becky Bartovics Mrs. Patricia G. Bates Mr. John J. Bauer Ms. Patricia Bauman Mr. and Mrs. Stephen L. Baumgartner Ms. Nichole Becker Mr. Kevin Bell William and Nancy Bellamy Ms. Lisa Berger and Mr. Charles Burwick Ms. Anne Berndt Ms. Catherine Dolan

Ms. Bettina Bennewitz

Mr. Richard Bierregaard and Mr. William Birkholz Dr. Grace L. Blair Mr. John Bloomfield Mr. and Mrs. Bill Boardman Mr. and Mrs. Ascanio S. Boccuti Mrs. Susan Boland Ms. Rose Bonamusa Ms. Eleanor F. Bookwalter Ms. Holly Boone Ms. Kathryn Boor Mr. and Mrs. Richard L. Booth, Jr. Mr. Matthew T. Born Ms. Jean C. Bottcher Dr. Susan C. Bourque Boustead Family Foundation, Inc. Ms. Eloise Bouye

Dr. Robert L. Brandt Jr. Mr. and Mrs. John Breyer Sandra and Jeff Bricker Mr. John M. Bridgeland Mr. Rodney Briggs Mrs. Walter F. Brissenden Mr Brian J Broderick Mr. Craig Brodock Mrs. Carroll C. Brooks

Mr. Stanley Bowden

Mr. Edward A. Boyno

Mr. Jim A. Brady

Ms. Jacqueline P. Bower

Ms. Percy Browning Mr. Jack Brubaker Kenneth and Karen Buchi Ms. Gail Buckner Ms. Susan Burkhardt

Ms. Cori A. Brown

Mr. William D. Burrows Ms. Colette A. Burrus Ms. Jane Busch Dr. Tom Cade Ms. Kathryn E. Cade

Mr. Craig H. Caldwell Mr. Charles G. Cale Mrs. Jean M. Callihan Terry and Sarah Calvani

Mrs. Sharon Campbell Tom and Ann Campbell Ms. Lisa Canter

Ms. Laura Carlsmith and Mr. Robert Bast **Dudley and Curtis Carlson** Mr. Jeffrey Carlyle Ms. Virginia H. Carter

James and Glenda Cartwright Peter and Ann Case Mr. and Mrs. Anthony B. Cashen Mr. and Mrs. Douglas Caves Ms. Patience Chamberlin

Mr. John M. Chambers Mr. Henry T. Chandler Ms. Katarina Chang

George L. Chapman Ms. Flaine Charkowski Ms. Eileen Chase Dr. and Mrs. James Cherry Mr. Whiting Chisman Ms. Anne Marilyn Church Mrs. Priscilla Clark Mrs. Toni Claudio Dr. J.A. Clayman Ms. Christina Clayton and Mr. Stanley Kolber Ms. Stephanie Clifford Dr Clare Close Terry and Zeo Coddington Mr. Alan Cody Mr. James Cohen and Ms. Barbara Carev Ms. Karenn Colby Mr. and Mrs. Addison Anne D. Cole Mr. John J. Coleman, III Dr Charles T Collins Mr. Richard Comstock Ms. Janice C. Conavay Mr Warren F Cooke Cornell Delta Upsilon Association Dr. Jill B. Costa Mrs. Jean Coverdill Dr. & Mrs. Jim Cox Ms. Agnes D. Cralley Ms. Valerie Cravens Dr. John D. Crawford Edward and Susan Crowell Ms Diane Culhert Mrs. Kay E. Cullen Ms. Donna Cunningham Rhoda Curtiss Ms. Cornelia Daley and Mr. Phil Cowan Mrs. Lydia H. Dane David and Marion Davenport Mrs. Lois N. Davie Ms. Helen B. Davis Mrs. Lynn Dayton Mr. Edward N. Dayton Alexandra Dees Dr Thomas J Delaney Mr Paul C Deleo Ms. Anne C. Dement Mr. William E. Derrenbacher Mr. Louis Desorbo Mr. John DeWees Dr. André Dhondt Mr. Todd Dixon Ms. Patricia Doane Ms. Mary L. Dresser Ms. Clover M. Drinkwater David and Susan Drown Lauren Dudley Ms. Ann Duey Mr Frederick Dure Mrs. Velma Durland Ms. Nancy P. Durr Mr. and Mrs. John R. Eagle Ms. Elizabeth Edelmann Ms. Susan J. Egloff

Major Theodore Henry Eiben

Hardy and Barbara Eshbaugh

Dr. Bradley C. Eichhorst

Ms Dehorah M Escalet

Ms. Susan Etherton

Mrs. Rosemary Hall Evans Ms Maureen Breakiron-Evans Ms. Sandra J. Ewald Mrs. Cecilia C. Fabbro Ms Tarry Faries Mr. Harlow G. Farmer III Ms. Sherry Ferguson and Mr. Robert Zoellick Mr. Charles Ferris Mr. Robert Fiedler Dr. Maxine M. Field Benjamin and Rebecca Field Lee and Amy Fikes Ms. Sharon Fisher Dr. and Mrs. Will Flanagan Mrs. Martha Flanders Ms. Phyllis Flanigan Susan R.E. Fondy M.D. Stephen and Susan Ford Ms. Susan Ford-Hoffert Ms Anna K Forster Mrs. Irene Fortune Dr. and Mrs. Charles W. Fourtner Professor Raymond T. Fox Dr. Candace M. France Mr. Jonathan Franzen Ms. Nancy G. Frederick Mr. Neill Freeman Dr. and Mrs. Joshua Friedman Mr. Howard Fuhr Ms. Marcia S. Gaffney Mr. Charles E. Gale Ms. Natalia G. Garcia Ms. Diana Garibaldi Mrs. Lisa Garza Mr Alan M Gast Mr. William K. Gayden Mr. and Mrs. Gerald G. Geyso Mr. Bryan Gieszl Ms. Nancy Gilbert Mr. Floyd H. Gilles Mr. Robert Glass and Ms. Bronwen Nishikawa Mr. and Ms. Miles Goldenberg Mark and Ellen Goldman Ali N and Kim Golestaneh Mr. George Golumbeski Dr. Deanna Gomby Ms. Adelaide P. Gomer Mr. Donald Goodliffe Ms Flizabeth P Gordon Mrs. Susan Gottlieb Ms. Ilse H. Govoni Ms. Wendy S. Graham Mr. David Graham Mrs. Bernice Graham Mr. and Mrs. Bradlev R. Grainger Ms. Kathryn Grandison Ms. Cynthia Grant Mr. William Gratz and Mr. James A. Bruno Dr. Deborah Graves and Dr. Jeff Wood Ms. Judith H. Greene

Ms. Julia A. Gregory

Ms. M. Grover

Ms. Mary T. Gyi

Mrs. Nina B. Griswold

Mr. David Gulbenkian

Mr. and Mrs. Peter L. Gustafson

Mr. Herbert Hachler William and JoAnn Hackos Mr. Jim Haight Mr. Douglas Hall Ms. Jane C. Hallowell John and Sandra Halsev Mr. Roger Hammond Mrs. Carol Hanawalt Dr. John D. Hanna Ms. Linda J. Hansell Ms. Mary E. Hansen Ms. Rebecca Hansen Mr. Steven Harmer Mr. and Mrs. Bill Harris Mr. Thomas Harris and Ms. Doreen Kelly Leo Harris Mr. Kenneth A. Hartman Mrs. Kathleen Hartman Mrs. Margaretta S. Hausman Mr Bob Hawkins Ms. Lisa Haves Mr. Ross L. Heald Mr. Michael J. Healy Ms. Molly A. Heath Ms. Patricia Heirs Ms. Janeth C. Hendershot Mr. Thomas A. Hendrickson Joe and Suzanne Henninger Dr. Susan and Mr. Peter Henry Ms. Joyce Hergenhan Ms. Margaret B. Hicklin Mrs. Susan L. Higgins Mrs. Sherley A. Higuera Ms. Jane Hilburt-Davis and Fred Davis Mr. and Mrs. Elliott D. Hillback Mrs. Elizabeth Hoagey Ms. Katie Hodge Ms. Heather Hodges Pamela and Michael Holmes Ms. Theodora W. Hooton Mr. William R. Hopping Ms. Jean A. Horton Dr. Judith Howard and Chris Fisher Mr. and Mrs. John K. Howell Dr. Ronald R. Hov Ms. Bette Hoyt Ms. Rebecca C. Huddle Mr. James D. Hunt Mr William C Hunter Ms. Gale Hurd Mrs. Susan lannucci Mr. and Mrs. Paul Impelluso Tom and Patsy Inglet Inventory Solutions, Inc. Ms. Ellen G. Jacobs Robert and Patricia Jaeger Dr. and Mrs. Geoffrey James Ms Mary James Mr. Frederick Jamieson and Mrs. Jane Jamieson Ms. Conny Jamison Mrs. Anneliese Jenkins Mrs. Carlyn J. Jervis Ms. Elizabeth B. Johnson

Stephen and Susan Johnson

Mr. and Mrs. Philip J. Johnson

Mr. Robert E. Logan

Ms Jana Johnson

Ms. Lisa Johnson and

Mr. Williams Cosby Mr. John H. Johnson, Jr. Ms. Martha Jones Mr. James K. Joslin Ms. Cathy A. Kalahar Mr. and Mrs. Jack Kalivoda Ms. Patricia E. Kauffman Mrs. Janet Kaufman Felber Kimber L. Kaushik Mrs. Karen Rupert Keating Ms Belinda A Keever Ms. Linda Keil Ms Barbara I Keinath Mr. and Mrs. William Kelly Mr. Ronald J. Kemperle Dr M Keith Kennedy Ms. Susan Kennedy Ms. Anne Kenny Mrs. Jeanie Kilgour Drs. John and Ellen Killian Mrs Yun Kim Ms. Pamela Kindler **Hugh and Urling Kingery** Timothy and Patricia Kiorpes Ms. Elizabeth P. Kirchner Gale Kirsopp Mr. Julius Klehm Dr. Robert E. Kleiger Ms. Susan A. Klein Ms. Karen Klomparens Mr. Andrew Knafel and Ms. Anne Hunter Mrs. Kathie Knight Mr. Christopher Koch Ms. Judith Koch Ms. Lisa Kole Gerald and Susan Kolski Ms. Laura Kososki Mr. Bill Krause and Ms. Ellen Barag Dr. Paul Kreiss Dr. Stephen Kress Ms. Lois Kroll Mr. William Kronenberg Ms. Loice K. Lacy Ms. Beth Lalonde Mr. Dean Langadas Mr. Clayton Latimer Mr. Charles R. Lea Howard and Sydney Leach Dr. Joan LeBel Mrs. Susan B. Lee Ms. Lucie Lehmann Snodgrass Ms. Yolanda Lei Ms. Patricia A. Leighfield Mr and Mrs John Lemke Ms Roma F Lenehan Lynn Leopold Lisa-Marie and Michael Lerner Ms. Karen J. Levitt Mr. and Mrs. Nathaniel Levy Ms. Chervl Lewis Mr. and Mrs. George Lewis Mr. and Mrs. Herb A. Lewis Drs. James and Rebecca Lillard Ms Deborah I I Linde Ms. Misty Lipari Mr. and Mrs. Randolph S. Little Ms. Lee D. Lockie Ms Susan Loesser

Mr. Daniel Loque Ms. Anne Page Long Mrs. Janette D. Long Mr. Henry R. Lord Philip H. Loughlin Dr. and Mrs. Herbert J. Louis Dr. Dave Lounsbury Mr. C. James Luther Ms. Eva Lydick Ms. Adrienne T. Lynch Ms. Christine Maack Ms. Elizabeth MacGowan Mr. and Mrs. Frank MacInnis Ms. Laurie J. Mackey Mrs. Kelley Macklaier Jan C. MacLennan-Kennedy Ms. Sharon Madison Ms. Nancy Magnusson Mr. Joseph A. Mahoney Ms. Carolyn Mangeng and Mr. Walter Spall Jennifer Manikas Mel Bochner and Ms Lizheth Marano Ms. Nancy Cain Marcus Mrs. Jennifer Maritz Mr. Ben and Charles Marn and Mrs. Kathleen Hawkins John and Adrienne Mars Dr. Richard Marshak and Dr. Andrea Landsberg Dr Martina Martin Ms. Monica R. Martino Ms. Birgit Massion Mr. and Mrs. David E. Mattingley Frederick and Linda Mau Mr and Mrs David Maule Ms. Teresa Jones Mawhinney Ms. Missy Mayfield Dr. Leigh McBride and Dr. Richard McCormack Dr. Colleen McBride Mr. Timothy McCaffrey Thomas and Linda McCarthy Mrs. Karin McCormick Ms Mary McDermott Ms. Jazmyn McDonald Dr. Patricia McGill and Dr. Lynn Kramer Mrs. Marilyn G. McGill Peter and June McGuire Mr. Joseph A. McKav Mrs. D. M. McKee Donald and Ione McKnight Ms. S. N. McNeil Ms Ruth McWhorter Mr Andre C Meade Mr. and Mrs. Peter C. Meinig Ms. Mary Anne Mekosh Mrs. Nancy Menefee Dr. June Mercer Ms. Friedrike Merck Sharon and Stephen Metsch Dr. Roslyn Meyer Ms. Laura P. Midgley Ms. Madeline Miles Mrs. Carolyn Miller Stephen and Evalyn Milman

David Mirkin MD PhD

Ms. Elizabeth Mitchell

Mr. John V. Moore Mr Michael Moran William and Mary Sue Morrill Ms. Carolyn P. Morris Lester R. Morss Ms. Sue G. Morss Marcia and Thomas Morton Mr. Duryea Morton Dr. Laura Dill Morton Penny and Don Moser Mr. David Moulton Ms. Ursula Muehllehner Mr. Gary E. Mueller Mr. Paul Mulcahy Mrs. Monica A. Munaretto Mr. and Mrs. Salvatore Murdocca Ellen and Rachel Naegeli Ms. Nancy Neal Mr. and Mrs. Kenneth Nebenzahl Ms. Mildred Neely Dr. Duncan R. Neilson. Jr. Mr. Lathrop B. Nelson, Jr. Dr. Diana Nevins Mr Arthur F Newhold IV Professor and Mrs. Robert W. Newcomb Ms. Shirlev H. Nichols Ms. Heidi Nitze Nicholas and Susan Noves Ms. Catherine E. Ogden Mr. Kean Oh Dr. Patricia O'Handley and Dr. Ed Robinson Mrs. Lorain S. Olsen Joseph and Judy Olson Ms. Lindsay Olson Mr. Charles Olson Ms. Remy O'Neill Mr. and Ms. Paul Oppenheim Mr. and Mrs. I. Dudley Orvis Ms. Candace Osdene Mr. J.R. Paddison Mr. C.W. Eliot Paine Mr. Matthew Palenica

Dr. Frederick Parker Dr. John Parker Mrs. Ellen S. Parkes Mr. Robert E. Parsons Ms. Nancy Pasquali Ms. Anne L. Pattee Ms. Cheryl Payer Robert and Veronica Petersen Glenn and Ellen Peterson Mr. Ralph Peterson Mr. William Phillips and Ms Barbara Smith Ms. Mary C. Phinnev Mr. Barrett W. Pierce Ms. Dana B. Pigford Mr. William R. Pitts, Jr. Ms. Anne Pollack Ms. Barbara Pollock and Ms. Carol Mouche Ms. Marie Poteat Dr. Erika and Michael Pratt Ms. Nancy A. Prine Dr. Robert H. Purcell Mrs. Sally Quinn Mr. John B. Quinn Ms. Faye Rafferty Larry and Mary Ramsey Ms. Judith Randal Mr. Nagarai Rao Ms. Kay Rasmussen Ms. Susan G. Raymond Ms Karen Redfern Mr. and Mrs. Mark S. Reed Dr. Mitchell C. Reese Mr. Paul Regan III Mr. Douglas MacKenzie Reid Ms. Mary E. Reinthal

Ms. Frances M. Rew

Ms. Ginie Reynolds

Ms. Margaret Rhodes

Ms. Deborah A. Reynolds

Dr. and Mrs. Frank H. T. Rhodes

Mr. Leonard Richards and Ms.

Maureen McClure

Judy and Stuart Richardson

Mr. H. Allan Ridlev Mrs. Dorothy W. Rinaldo Ms. Cheryl Ring and Ms. Stefanie Barley Dr. Dean R. Rising Dr. William L. Risser & Family Mr. Rav C. Rist Mr. Stanley M. Ritland Robert J. Laskowski Foundation Mrs. Laura N.R. Roberts Ronald and Katharine Robey Dwight and Margaret Robinson Mr. David M. and Ms. Barbara D. Roby Mr. and Mrs. Steven C. Rockefeller Mr. John Rodgers Ms. Ellen R. Rollins and daughters Mr. John S. Roscoe Mr. Vincent S. Rospond Mr. Robert Rotberg Jenn Alford and Kim Rothman Ms. Michelle Rozales Mr. Charles Rubey Ms. Karen L. Ruppert Ms. Molly Russell Sage Geodetic, LLC Scott and Patricia Sainsbury Ms. Claudia Salomon Dr. Lori Saltz Mrs. Carolyn W. Sampson Mr. Douglas Santoni Mrs. Sara Saplin Mr. Joe Sasfy and Ms. Marianne Mooney Mr. Vaughn Sayles, Jr. Ms Lynn Scarlett Ms. Suzanne Schaefer and Mr. Paul Dennison Mr. Timothy Schaffner Ms. Winnifred C. Schenkel Drew and Paula Schmidt Ms. Maria Schneider and Mr. Mark Righter John and Cathy Schoellkopf Terry Schroeder Mr. Frederick Schroeder Mrs. Joan Schumaker Ms. Paula M. Schutte Mrs. Pamela Schwartz Mr. Robert G. Schwegler Mrs. Margaret F. Scott Ms. Eileen Scutt Ms. Diana G. Serrell Ms. Joyce Servidio Ms. Lisa Seshens Dr. and Mrs. Gregory Seymour Mr. Stephen Shaner Ms. Shirley Shapiro

Ms. Janice Sharp and

Mr. Lee E. Shaw

Mr. Brian Bowman

Ms. Cynthia Shereda and

Ms. Linda Sherline and

Mrs. Joan Siedenburg

Ms Katherine I Simmons

Ms. Katharine B. Simonds

Mr. Daniel Feldman

Ms. Karen Simonsen

Mr. and Mrs. Ernest R. Shortridge

Ms. Alice H. Turk

Dr. Deborah Turski

Ms. Patricia Valas

Lewis and Connie Ulrey

Dr and Mrs Russ Valentine

Mr. and Mrs. James L. Van Alen

Dr. and Mrs. Joseph Rogers Simpson Mr. Leroy W. Sinclair Joel and Elinor Siner Ms. Mary Ann Siri Dr. Laurie B. Slater Mrs. Anna Slawsky Mrs. Susan L. Sloan Ms. Mary Sly Mr. R. Emery Smiser Ms. Marcia R. Smith Ms. Elizabeth A. Smith Ms. Shirley Sontheime Dr. Sonja Sorbo Mr. and Mrs. Robert G. Spahn Dr. Joanna Spaulding Mr. Nelson H. Spencer Mr. Owen Squires Vivek Sriram Ms. Nancy B. States Mrs. Sharon Steele-McGee Mrs. Louise Steenblik Ms. Christine A. Stevens Ms Dehorah Stewart Dr Peter R Stifel Dr. William R. Stott, Jr. Sherri Stuewer Ms. Alice Sturm Steve and Beth Suddaby Mrs. Beverly Blake Sullivan Ms. Virginia M. Sullivan Ms. Jean Suplick and Mr Michael Matuson Mr. Bernard M. Sussman Ms. Susan J. Suwinski Maureen and Steve Swanson Mr Robert Swift Rose, Karen, and Brian Swift Mrs. Anne Symchych Ms. Catherine Symchych T&T Family Foundation Mr. Michael Tabb and Eleanor Soeffing Mrs. Sue Taggart Mr. John Talbot David Taliaferro Dr. Michael G. Tannenbaum Mr. and Mrs. Bobby Taubman Mr. Lawrence D. Taylor Mr. and Mrs. Allan R. Tessler Mr Hal Tessmann Texas Rangers Baseball Foundation The Boston Foundation The Good Shepard Fund Mr. Jim Tilling Ms. Marian S. Todd Bill and Bonnie Todman Dr. Allen J. Togut Ms. Maria Teresa Torres Ms. Robin Tost Ms. Elizabeth Treman Triad Foundation, Inc. Ms. Linnet Tse and Mr. John Forsyth

Mr. Charles Van Decar Ms. Sarita Van Vleck Mr Mark Vander Hart Ms. Kathleen M. Van Der Aue Mr. Wouter K. Vanderwal Mr. Gary Vergason Ms. Barbara Vinson and Mr F Duwain Whitis Dr Marcia I Wade Dr. Judith L. Wagner Mr. Patrick Wagner Ms. Peggy Walbridge Ms. Eileen McManus Walker Mr. David Walsh Dr. James Walters Mrs. Dorris M. Wampler Ms. Susan J. Wandover Dr. James Watson David and Michaelin Watts Ralph and Jennifer Watts Ms. Nell Weidenhammer Mr. Jude A. Weis Mrs. Stefani Weiss Ms. Amy Goodman Weller Mr. Albert Werner Mr. Robert Wessels Ms. Susan L. Whaley Dr Brian White Kenan and B. Briscoe White Ms. Allene M. White Ms. J. Claire Whiting Mr. Rollin J. Whitman Dr. and Mrs. Robert Whittaker Ms. Wilma Wilensky Dr. Kay M. Williamson Mr John Williamson Mr. David Wilson Mrs. Katharine Wilson Wilson Conservation Trust Ms. Lissa Winstanley Mrs. Nancy Hamill Winter Mrs. Melanie Wirtanen Ms. Susan Wodicka Mrs Flizabeth C Wolfe Mr. Peter Wolfe Ms. Marina Wolkonsky Mrs. Stephanie Woods Dennis and Laura Woodside Ms. Jeannie B. Wright Ms. Martha Wyckoff Ms. Jane Yolen Ms. Debra Young Mr. and Mrs. James D. Young Mr. and Mrs. David J. Zelinger Ms. Cathleen S. Zepelin Richard and Annemarie Zimmerman Dr. Flaine Abrams and Dr. Jeff Zitsman

SPONSORS

Mr. Roy H. Park, Jr.

The Cornell Lab thanks our sponsors for their support in 2016.

Through these partnerships we reached out to even broader audiences to improve the understanding and protection of birds in backyards and around the world. **Thank you!**

ALASKA® FERTILIZER
ARAMARK
BIRDS & BEANS
CELESTRON, INC.
D & D COMMODITIES, LTD.
DROLL YANKEES
ECOLOGICAL ASSOCIATES, INC.
LYRIC WILD BIRD FOOD
MAVEN
PENNINGTON®
WILD BIRD FEED

PERKY-PET®
PETFUSION
PINE TREE FARMS
PRINCETON UNIVERSITY PRESS
RED RIVER COMMODITIES
SACHTLER
SWAROVSKI
WILD BIRDS UNLIMITED
(SAPSUCKER WOODS)
WILD BIRDS UNLIMITED, INC.

For more information about corporate sponsorship opportunities, contact Mary Guthrie, director of corporate marketing partnerships, at **msg21@cornell.edu.**

SAPSUCKER WOODS SOCIETY

Recognizing friends who have included the Lab in their estate plans Anonymous

Mr. Sal Acosta and Ms. Suzanne Hutchinson

62 LIVING BIRD • ANNUAL REPORT • AUTUMN 2016 ANNUAL REPORT • LIVING BIRD 63

Ms. Louise Addis Ms Diane Adkin Ms. Pam B. Ailstock Dr. and Mrs. Philip D. Aines Mr. and Mrs. John E. Alexander Mrs. Linda E. Allen Russell and Barbara Allison Estate of Elwin F. Anderson Mrs. Patricia L. Angotti Mrs. Sue D. Ansley Bill and Katherine Atterbury Ms. Katharine M. Aycrigg Ms Judith M Raioris Ms. Madge Baker Dr. Laurie Balagurchik Mr. and Mrs. Konrad Bald Mrs. Karen F. Beall Mrs. Brenda J. Best Mr. Mark J. Bilak and Family Mr. Jeffrey C. Blalock Mrs. Janet Blam Ms. Helen Blohm Ms. Marie Bocca Ms. Susan D. Boettge Dr. Joan Brenchley-Jackson Sandra and Jeff Bricker Ms Irene Brown Dr. Robert E. Brown Ms. Cori A. Brown Ms. Becky A. Brown Ms. Betty A. Bruhns Mr. Gregory Brumfield Ms. Michele Burlew and Mr. John Bauhs Ms. Gretchen L. Burmeister Scott and Linda Burnet Ms Colette A Burrus Mr. John Cahill Dr. and Mrs. David L. Call Mrs. Jean M. Callihan Mrs. Mary Josephine Campbell Ms. Eleanor R. Campbell Dr. Jackie Canterbury Mr. and Mrs. James R. Carpenter Mr. Fred Carr Carol and Daniel Cash Clarann Estate Corry and Dave Clinton Ms. Patricia Collins Ms. Victoria Conway Ms. Beth Cooper Ms. Pauline Cooper Ms. Joan Cordle Mrs. Mary E. Cost Ms. Carol A. Cov Rhoda and Peter Curtiss Ms. Cornelia Daley and Mr. Phil Cowan Mr. Michael Damer Randi Dauler Mr. Vernon D. Davhoff Ms. Nancy A. deGroff Vicki and Harry DeLoach Estate of Mrs. Ruth D. Dillon Lvn DuMoulin

Len and Pat Eiserer Ms Marcia R Exter Ms. Meryl A. Faulkner Ms. Cynthia L. Ferguson Dr. Millicent S. Ficken Dr. Kathy Freas Mr and Mrs H Laurance Fuller Mr. Robert Garbacz James and Catherine Gero Ms. Paula Gills Mr. and Ms. Vincent A. Glaviano Ms. Debra Glen Mrs. Emily R. Glover Ms. Doris Goldstein Mr. and Mrs. Bradley R. Grainger Ms. Mervl Greenblatt and Mr. Bob Nirkind Ms. Joan M. Guerin Ken and Jean Haas James and Marilyn Hampton Mr and Mrs Bill Harris Mr. Duncan Hartley Ms. Lynn Hassler Jane and Gerry Haviland Ms. Lisa Hayes Dr. Adadot Hayes Ms. Anne G. Haynes Mrs. Margaret Hazlett Joe and Suzanne Henninger Mr. and Mrs. Dennis A. Henry Dr. Michael Henry Dr. Linda J. Himot Ms. Mary Pick Hines Mr. Ray Hinkle Ms. Sally Hoffman Ms. Lisa R. Holzapfel Ms Jean A Horton Henry and Sharon Hosley Dr. Judith Howard and Chris Fisher Ms. Sharon Howard Mr. Bernard Iliff Tom and Patsy Inglet Mr. John Janerich Mrs. Imogene P. Johnson Ms. Kathlin R. Johnson Ms Nora W Jones Mr. James R. Jordan Mrs. Judith M. Jov Ms. Sarah Jov Mrs. Judith M. Kay Kestrel Haven Migration Observatory Mr. David Keyes and Ms. Penelope Hillemann Ms. Eve Kingsland Mr. and Mrs. Robert G. Knox Estate of Linda F Kramer

Mr. C. James Luther Linda and William Macaulay Ms. Georgia Mally Ms. Laurie Mattenson Ms Mary Mauel Ms. Ann M. Maver Ms. Claudia Mayfield Mr. William McCarthy Mr. Everett G. McDonough, Jr. Ms. Winifred McDowell and Mr. John Follett Dr. Ann J. McGarvey D.D.S. Ms Reth McGovern Mrs. Shirley Stewart McGrath Mrs. D. M. McKee Ms. Jane McPherson Ms. Carol McQuade Mr. Mike Mecham Mrs. Nancy Menefee Mr. John P. Merrill Ms. Marinia Michalec Estate of Anita Mills Mr. Bailey Smith Mr. Frederick Morelle Hildegarde and George Morgan Mr. David Morris Mr. and Mrs. John Morris Marcia and Thomas Morton Penny and Don Moser Ms. Ursula Muehllehner Ms. Barbara J. Mueller Ms Amy Munich Mrs. Phyllis Musicar-Wight Dr. Elisabeth B. Nadler Gary Neuman and Julie West Mr. Gary L. Newkirk Dr. Polly G. Nicely Ms. Mary Normandia Mrs. Judith L. O'Neale Mr. Stephen B. Oresman Ms. Candace Osdene Mrs. Mary A. Oster Ms. Julie Oxford Ms. Patricia Packer Ms. Donna Paino and Ms. Caryl Leong Mrs. Ellen S. Parkes Bob and Kathy (Engert) Patterson Ms. Ellen I. Paul Ms. Robin Peress Mr. Ken Peters Dr. and Mrs. William D. Peterson Ms. Robin Peterson Mr. William Phillips and Ms. Barbara Smith Jose Pizarro Don and Diana Plant Ms. Lorraine Poore Mr. and Mrs. Ronald R. Porter

Mrs. Caroline L. Proutt

Ms. Diane Rand

Ms. April L. Reese

Mr. Paul J. Regan, Jr.

Ms. Rachel T. Renaud

Ms. Frances M. Rew

Dr Laurie Renz

Mr. and Mrs. Albert W. Puff, Jr.

James and Valorie Ramakka

Inge and Uwe Reichenbach

Mr. Jack R. Rhein Mrs. Susan Starr Richards and Mr. Richard M. Richards Steven and Wendy Richards Roger and Betty Robb Mr. Chandler Robbins Mr. George Rock Mr. and Mrs. Edward W. Rose III Mrs. Jeanette G. Rosenberger Ms. Martha Rouin Elizabeth and Jean Rowley Mr. Skip Russell Ms. Gayle Russell Mr. Richard Sanders and Ms. Janice Hand Mrs. and Mr. Allison Savage-Cairns Mrs. Julia M. Schnuck Ms. Ellen M. Schopp Estate of Robert F. Schumann Ms. Paula M. Schutte Ms. Monica J. Schwalbach Robert and Nancy Searieant Mr. and Mrs. Richard Seton Drs Sheldon and Lucia Severinghaus Betty and Jim Shannon Ms. Helen R. Shaskan Ms. Paula Shaud Mrs Victoria Shaw Tom Shepard Ms. Ardy Mary Shook Mrs Carol U Sisler Bernie and Mary Slofer Ms. Victoria Slowik Mrs. Marjorie Smart and Mr. Robert Camp Mr. and Mrs. Vern Smiley Mrs. Emily C. Smith Ms. Marian K. Solleder Ms. Marybeth Sollins Dr. Sonia Sorbo Mr. and Mrs. Michael Stahnke Ms. Myrlene Staten and Mr. R.L. Teig

Ms. Denise Stavish

Mr David T Stein

Ms Frances Stenehiem

Barry and Sandy Stevenson

Mr. James R. Stewart, Jr.

Mr. Edward P. Street, Jr.

Ms. Ingrid Sunzenauer

Mr. Gordon L. Swope, Sr.

Mr. Scott A. Sutcliffe

Mr. Robert Swift

Ms. Ella Szilagyi

Ms. Donna E. Tatro

Mrs. Nancy Thomas

Ms Coralie Toevs

Mrs. Amanda Thurber

Mrs. Phyllis Tillinghast

Mrs. Mary Van Vleck

Estate of Shirley A. Victor

Mrs. Mary Clare Ward

Ms. Mariellen Whelan

Mrs. E.R. Webster

Ms Alice F White

Ms. Jeanne A. White

Mr. and Mrs. Charles Tracv

Michelle and Martin Valentine

Dr. and Mrs. Kenneth T. Steadman

Dr. T.W. White-Henry Mrs. Jeanne D. Wigen-Ayers Dr. Andrea Wiggins Ms. Josephine Wilkinson-Gould Mr. Stefan T. Williams Ms. Susan Wilson Mrs Robin Wolcott Ms. Patricia Wolff Mr. George C. Wood Dr. Jane E. Woods Mrs. Shirley S. Woods Ms. Jeannie B. Wright Mr. L. Christopher Wright Carolyn Wynne Mrs. Clara Taylor Yager Dr. Paula Yellin Mr. James Younger Mr. George W. Zepko Ms. Dorothy N. Zirkle

GIFTS IN HONOR OF

John and Virginia Adams

Margie and Howard Anderson

Dawson and Sabra Andrews

Dr. Katertots Archibald

Madison Anderson

Frances Armstrong Ed and Gale Austen Patty Shanahan and Steve Austen Gus Axelson Ellyn and Kenny Baeszler Helen W. Bailey Leslie Baken Skyler Balbus Dan and Val Ballenger Winston Barham Walter Barrows Sabrina Barton Ellen Bateman David Bates Reta Beaty and Cyndi Green Laurel and Herb Bergman William Berman Kelly Bernich Chuck and Hillary Berstein Robert Berry **Donald Bizer Edward Blaine** Roger F. Blessing Pearl Blossom William and Cyndi Bouma Helen Bowdoin Amy Briley Arielle Broadkey Dr. Letty Brown Natalie Ann Brown Ed and Sandy Buckles Mary Burdick Jules Burgevin Astrid Burmeister-Buender John M. Burt, PhD Sandra Bush Joy Caldwell and Paul Roos T. Colin Campbell Sandra Cannon Karen Canon Mary Cantini George Cardona

Rvan and Katie Car



A diagram explaining the scientific process was provided to BirdSleuth students as part of the Investigating Evidence curriculum for students in grades 4 through 12. Illustration by Bartels Science Illustration Intern Misaki Ouchida.

Lenin Duarte

Jenny Carroll Kim Chadd Seth Chambers Glenn Chambliss and Diane Derouen Lee Chastant Anne Chazal Alain Chevalier Di Christophe Miyoko Chu Steven Chun Clemmy Clementine Laura Clemmens Alan Cody Gail Coffey Larry and Theresa Cokaric Carol and Ray Cornell Joshua Costo Dr. and Mrs. Neil Crow Mr. and Mrs. Don Curl Frances Czaia Jean Dagenhart William DaPore Christine Darrow The Davenport Family Scott Dawson Fd Deal Ted DelDonno and Jane Arntz Charlcie Delehanty Frank Demaree Jordan DePue Lydia, Nina, and Veronica DeVilbiss Lori Dick

Dr. Merelyn Dolins

Dick and Nancy Eales Stephen Easley The Eberles Gordon Eddy Flizabeth Edelmann Sharon Edgecombe Ellen and Bob Eisenberg Patricia Eley Dr. Rudolph H. Ellinger L. Gene Elliott Angela E. Ellis Jim and Carol Englert Mary Lynn Eninger Laura Erickson Mark Ewig Brent Eyre Margaret Fahrenbruck Connie Fairchild Staff of Family Support Line and the DCCAC Rebecca Farber Colette Filatreau Rachel Findley Dixie Finley Alisa Firehock Richard D. Fisher Ms. Karin Foarde John Foote and Kristen Rupert Debbie Frame Sophia Frazer Keith and Barbara Frederick Paul Freeman Dorothy Freeman

Mr. H. Laurance Fuller Greg and Katherine Gallardo Robert Gates Franny Geller Ian Gimino Charlene Glacy Donald G. Glander Barry Glazer Diana Golston Mrs. D.L. Gordon Rachel Gordon Fischoff Chervl Gorske Alice Gosztyla Evan Griswold Nancy Hackleman Mike Haines and Linda Briden Maureen Hales Jon and Mary Hanson Sarah Harris Jack and Pat Harris Carol Harsh Lois Harter and Anna Cross Holly Haugh Val Heemstra Sue Hellen Mikael Henderson and Gay Massengill Dick Hendricks Erik Herman Susie Heyman HG, Woodg and Snowball **David Higgins**

Joann Hofelich

Michael S. Holko

Jan Hollerbach Philip Moffat Tracy Holmes Bill and Sally Moldwin Alec Hopping Kaelan Moser Diane Howard Valerie Moule Howard Hunter Bob Mulvihill Brenda Murphy Walter and Lois Iles Fvie Neild Sharon and Ray Illges Sandra Newport Linda Newton NUBS Imogene Johnson Hob Osterlund Sandie Johnson Ray Page Mary Helen Joint Jack and Joyce Palm Robert Paxton Sharon Keating Mary Jane Pelso Brittainy Pendleton Donna Keiser Dr. Stephen Kibrick E. Raymond Penhollow Alice Perkins Miss Jane Kim Vernon Kirby, Jr. Charles Perko Amanda Klobucar Christopher Perry Whitney Leigh McGiffin Kress Ronald Peters Melvin Kriethem Gertrude Petersen Donald Kroodsma Bob and Nancy Peterson Catherine Lafarge Lowell and Mary Peterson Donald Larsen Linda Pieratt Jennie Piscitello-Criswell Gavle and Charles Lawrence Jody Platt Albert N. Podell '59 Keith K. Leber Alan Poole Bob and Dee Leggett Olla Popolo Julia and Mark Leopold Alina and Alfred Popp Kimberly Posega **Brendan Powers** Craig and Dale Provost Marion Purdy Julie Lockhart Holly Lynn Lutz, PhD Pablo Quezada Flisabeth and Carol MacArthur Kerry Renshaw Margaret MacDonald Rachel Rickels Devorah L. Ring Julia M. Rivas Martin J. Mahei Karen Rix **Donald March** Franklin S. Rixey Jim Rhodes Rosemary Marko Barb Marston Jan Rhymer Thomas Martin Susan E. Roberts Carol Mathena Lori Roessler Dr. Jennifer Mather Mia Chiara Rosati Kathleen May Kay and Marty Rosback John McCans Rusty Rose George McCov Mary Rospert Jay McGowan Jan McGowan Beniamin Rousseau Kevin McGowan Maureen Russell John and Cindy McKee Karen Russell RIchard McKendry Diane Colleen Ryser D.J. McKenna Margie Savage David and Flizabeth McMillan Megan Scanlon Bill and Ricki McMillian Jean Scattergood Dash Riprock Robin and Chris Schmidt Ms. Nancy Menning Insiah Schmidt Kevin Schoenfelder Hank Schomber Stewart Miller Martha Miller and Janine Gregory Carole Schulman Rebecca Minardi Karel and Cindy Sedlacek Barbara Mines Jerry Sergeant Nan Shaefer Michael Mittag Sharon and Joe

Marshall Iliff

Karin Isett

Jim Janda

Joy Kahn

Liz Lathrop

Didi Layton

Fen Lewis

Kathi Lieb

Kennie Linn

Drew Mackie

Jane Mann

Debra Meyer

Sam Meyer

Jeff Miner

Ruth Minton

Sara, Misha, and Michael Ross Patricia and Richard Schramm Peter and Isabelle Schweitzer

64 LIVING BIRD • ANNUAL REPORT • AUTUMN 2016

Mr. Norman C. Lantz

Patricia Larson and Peter Saunders

Howard and Sydney Leach

Ms. Susan Leverton and

Ms. Marjorie Lewin

Livesev III

Dr. H.J. Holshuh

Estate of Bertha A. Lewis

Eric and Constance Lincke

Ms. Catherine Lomuscio

Mr. and Mrs. Richard Haughton

Estate of Mr. E. A. Leinroth, Jr.

Mr. and Mrs. V. Richard Eales

Stephen and Betty Eaton

Ms. Norma Edsall

Ms. Susan J. Egloff

Morgan Sharpe Mariorie K. Shea Sue Shepich Marjorie and Bert Simpson Ruth Smith Liz and Bill Smith Charles Roy Smith Janet Smith Heather Snow Michael Sosnow Elizabeth Spahr Michelle Speranza John Stanek Pam Stevenson Catherine Stockley Annie Stone Linda Stumbaugh Sara Squier Brian Sullivan Ella Sullivan Scott Sutcliffe Carolyn Sutcliffe Gerschwin Sutherland Gudrun Sveinnsdottir Lynn Swain Mark and Sandra Swansiger The Baker Family **Ruth Thompson** Jr. Birder Megan Thornburgh Janet Thorndike King Nancy Trautmann Mary Ucinski Maggie Underdown Puck Van Dommelen Laura Vanderwall Nigel VanderWoude Warren Varney Joy Viertel Beth Vogel Nico and Olga von Niessen Sue and Searle Wadley Dr. Susan Wait MD Kelli Walker **David Wallace Dorris Wampler** Yui Loong Wang Ryan Tate Webb David Weeshoff Dennis and Carol Whalen Susan Whaley Holley White Tom Wicklund Gail E. Wild Dan and Tracy Williams Sarah Williamson

GIFTS IN MEMORY OF

Patricia Aloi Cher Ami

Anne Wilson

Katie Wolf

Jane Wright

John Yntema

Ann Lux Yellott

Carolyn Young

Liam Zachry

Dr. and Mrs J.F. Woicik

Laurel Anderson Victoria Angval Sandra Hill Anthony Ruth Anthony Jean-Jacques Audubon Katherine Babinski Carol Barrett Richard Bauman Rita Bayer George F. Bazinet, Jr Beverly Bender Jane Berkman Bill Bicknell Mr. Jerry Blanz Erich Blossey Carol Bowles Kenneth Brune Drew Bryenton Phi Budlong David E. Bullard Julia W. Bush Dr. David Carpenter George Casler Thomas Cassutt Lia M. Catalano Rev. Jack Caudill Milton J. Christian Robert Clay Myers James Cope Peter Couloumbis Dennis Covey Harry Creekmuir Kenneth William Cribari Dorothy Dillin Cross Mary Ellen Crouch Marianne Cumming Marilena H. Ferguson Stan and Brenda Fierston Frank Fisher Elizabeth "Betty" Flanagan Phyllis G. Flanigan David Fleckenstein Parke K. Flick Rosalie Flickinger

Melvin Daggy Anne Dahl George Danchuk W. W. Davis Margaret Mary Deal Anthony DeNote George Ellis DeRoos Isabel deSizinay Daniel Deter Mr. John Dickinson William Dilger Maxine Dougan Dorothy Doyle Daniel Patrick Drake Warren Dryden Frank and Bill duBell Lewis Durland Christine Ellis Diane Evenson Dr. Marshall 'Tom' Eyster Robert M. Farrar, Jr.

Bernard Friedelson

Annahelle Garetz

Edythe R. Gibson

Christopher Gamache

Beverly Ann Gleason Grandma Bobbie Norman Goldstein Albert Gordon Grace Gregg Eugene Gucwa Gert Hajas

William H. Miller

Barbara Modic

William Moran

Betty Morgan

Sally Mullen

Bobbie Myers

Louise Morehouse

Dr. John Mowbray

Mark Nowakowski

Raymond O'Connor

Carol B. Nulsen

Jack O'Malley

Jack Payne

Regina Osborne

Carlotta Pearce

Eleanor Penrose

Adolph Perez

Dalton Phillips

Maria E. Pinon

Charles Platt

Jessie Price

Noble Proctor

Michel Pyles

Jim Ribey

Phyllis Rideout

Mary S. Ripley

Timothy Rivers

Verne Rockcastle

Bob Rogers

Sandi Rosen

David Rudd

Lynette Russo

Roberta Rvan

Betty Salmon

Daryl Scadden

Don Schmoldt

Mary Mory Schultz

Robert Schumann

William K. Seitz

Paula Shaud

Joel Shellist

Allen Siegle

Philip Sims

Frederick Slater

Alfred Smith

Robert C. Smith

Roger Slothower

Starr Saphir

Donald Ronald

Edward W. Rose III

Elmer L. Robinson '47

Roni Dorfman Reiss

Richard R. Repasky

Pamela Nielsen Murphy

Jean Moore

Michele J. Mitchell

Ronald L. Gutberlet, Jr., Ph.D. Mary Beth Hall Curt Anthony Hall Barbara Haller '42 Mrs. Jean Hallstead Inel Harner Alice Elena Harris

John Hartley Emmy Clason Haves William L. Hilsenhoff Ruth Ramsdell Holden Ms. Rhoda Holt Patricia Huber Hunt Oliver Hurst

Marion Elsas Jarrett Janice Jerew Ms. Betty A. Johnson Mary B. Johnston Marilyn Jones Florence E. Joslyn

Walter Keleher John T. Kennedy Brina Kessel Mildred and Theodore Kester James Kile

John King Austin Kiplinger Audrey and Stanley Klein Joan Kline Spencer and Tom Knight Walter Koenig

Larry Konefal Harriet Kott Held, MD Jan Krol Peter Kustra

Glenn Kuzirian Richard Lang Mary Larkin Frank Lautner Isobel Miller Leventhal Gregory Lewis

Pearl Liebman Catherine Lind Ellis Ridgeway Lippincott, Jr. Susan M. Long

James Loomis Ann Lucy Dudley C. Lunt R. James Macaleer Leslie Maerki Alan Gordon Marion Willis

Madge Yvonne Martin Kristi Martin Wallace Martin John G. Matteson Cora Matthews J.Suzanne McConnell Lauren McGuirk James Mergy

Bailey Smith Tomo Sonoda Patricia Spinks William Stecher Robert Steinkraus Edward K. Stephens Allen and Alice Stokes Elspeth Stowell Joseph M. Sussillo Gus and Anna Swanson Richard Swope Dave Swormstedt Loraine Milller Emery and Beverly Talkovic Daniel Thomas

Mary Sue Thompson Dr. Steven Tischler Dick Towne Harriet Small Travis Maria Tripician Elizabeth Twombly

Sally Venman Cathy Viner Dorothy Wagner Alice Wald Shirley Waltritsch Stone and Holt Weeks

Marlene Van Vliet

Elizabeth Weisman and Shirley Sachs Pam Westrom Mark Whittaker Mrs. Sharon Wilder Clyde Williams Jeanne and Stuart Wilson Courtney Wilson Esther Winkky Dorothy Wolfe Charles Woodard Ester Yeates Bernadette Schildberg Youngblood Wilhelmina Zang Scheier Maurice John Zardus

MATCHING GIFTS

\$500 and up

Apple Computers, Inc. **Ball Corporation** Boeing Company BP Foundation, Inc. Capital Group Companies, Inc. The Clorox Company **Dow Chemical Company** Foundation

Eli Lilly & Company Foundation ExxonMobil Foundation General Electric Company GlaxoSmithKline Foundation Google, Inc. Haas Jr. Fund-Evelyn & Walter IBM Corporation Johnson & Johnson **Kiplinger Foundation** Lannan Foundation Margaret A. Cargill Foundation MBIA Foundation Medtronic Foundation Merck Company Foundation Microsoft Corporation Nintendo of America, Inc. PepsiCo Foundation, Inc. Pew Charitable Trusts Pfizer, Inc. Poplar Cruises Procter & Gamble Company Prudential Insurance Foundation Regeneron Pharmaceuticals Salesforce.com Foundation

SC Johnson & Son, Inc.

Wells Fargo Foundation

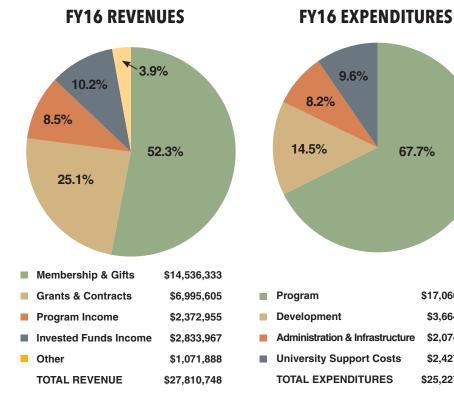
United Technologies Corporation

FINANCIAL REPORT

2016 FISCAL YEAR-JULY 1, 2015 TO JUNE 30, 2016

THANKS TO FRIENDS LIKE YOU.

the Cornell Lab of Ornithology is a healthy and effective organization. Nested within the fabric of Cornell University, the Lab's strength lies not only in its unique institutional model that weaves together research and academics with outreach and conservation programs, but in the support of thousands of members and donors. As you can see from the pie charts to the right, membership revenues and gifts are the single largest source of support for our programs and projects. Our members and friends provided 52% of our annual revenue, a total of \$14.5 million that underwrites 85% of our program costs. The bar chart below depicts healthy growth over the past 10 years with revenues exceeding expenditures, allowing the Lab to continually expand and strengthen its vital research, education, and conservation efforts.



67.7%

\$17,060,606

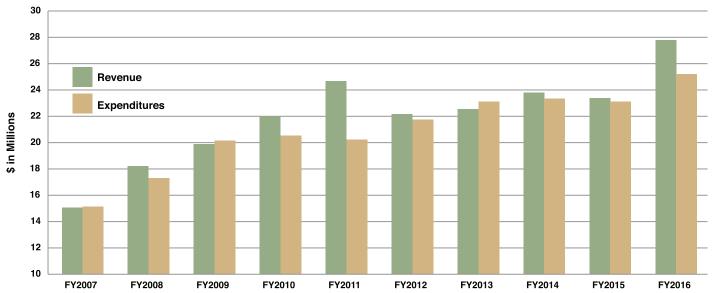
\$3,664,979

\$2,074,143

\$2,427,463

\$25,227,191

ANNUAL OPERATING REVENUE AND EXPENSE, 2007–2016



If you have questions, comments, or requests for the Cornell Lab's membership and development team, please contact Bramble Klipple at 607-254-1105 or bck42@cornell.edu or Scott Sutcliffe at 607-254-2424 or sas10@cornell.edu.

66 LIVING BIRD • ANNUAL REPORT • AUTUMN 2016 AUTUMN 2016 • ANNUAL REPORT • LIVING BIRD 67