



TEMPLE

*of*

nature

MISSOURI BOTANICAL GARDEN  
2008 ANNUAL REPORT

“Nature is a temple where living pillars  
Sometimes emit confused words;  
Man passes through forests of symbols  
Which observe him with familiar looks.”

—Charles Baudelaire



Left: *Le Temple Idéal* was created by artist Niki de Saint Phalle as a place of worship for all religions. Displayed beside the Climatron® during the 2008 *Niki in the Garden* exhibition, the sculpture hinted at a greater truth: that nature is also an ideal temple where all people can join together for a common cause: the health of our planet.

In 2008, the Garden embarked on a new seven-year strategic plan with a central theme of **building sustainability**. From protecting biodiversity around the world, to inspiring home gardeners to grow green, to educating our nation's next generation of scientists, the Garden promotes the interdependence of people, plants, and the environment.



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“To discover and share knowledge about  
in order to preserve and enrich life.”

plants and their environment

—mission of the Missouri Botanical Garden

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# from the PRESIDENT



People depend on plants for every aspect of their lives, from food and medicine to the protection of watersheds and the maintenance of soil fertility, and yet plants and every other element in the living world are threatened by the explosive growth of human populations, our increasing consumption rates, and the uses of technologies that are often unsustainable. We are exhausting the earth's resources more rapidly than natural processes can replenish them, and the rate at which we are doing so is climbing with every passing year.

Last year, I discussed with scientists, conservationists, and politicians the dilemma that our world faces in the 21st century. There is a growing sense of awareness of our dependency on the natural world and a determination that we must act. The Missouri Botanical Garden is one of the strongest contributors to the knowledge base needed to pursue this cause effectively and a leader in helping people

everywhere to do what is necessary. How much of the natural environment that we enjoy today remains to serve and enrich our own lives and the lives of those who follow us depends directly on the actions we take.

By virtue of our history and the loyal support we have received over the course of the last 150 years, the Missouri Botanical Garden has accumulated rich scientific resources for studying plants and educating people about them. We now have an urgent role to play that our founder, Henry Shaw, could not have imagined, and in an economic environment most of us have never before experienced. I know we can count on our many friends to support these efforts to protect our "Temple of Nature."

Peter H. Raven,  
*President of the Missouri Botanical Garden*

# from the CHAIRMAN



The Garden's new strategic plan calls for us all to become, in the words of Dr. Peter Raven, "stewards of the earth." The central theme is building sustainability. The goals challenge the Garden to become a global leader in scientific achievement, in promoting the responsible use of resources, and in connecting people with plants through gardening and education. (The text of the entire plan is available on the Garden's website, [www.mobot.org](http://www.mobot.org), under the "About" section.) If we pursue these goals, we will strengthen our institutional capacity and remain a leader among botanical institutions well into the 21st century.

Already the Garden is a leader—as one of the most popular and beautiful public attractions in St. Louis and one of the most respected science and conservation organizations in the world. Continued improvements to Garden grounds, such as the new Lichtenstein Victorian District, have helped prepare for the celebration of the Garden's 150th anniversary in 2009. Our research and education collaborations with

local, national, and international institutions are flourishing.

Though always a place of respite and solitude for our members and guests, the Garden is not immune to the realities of worldwide financial turmoil. It is with confidence and optimism that we remain focused on our mission and diligent in our efforts. Henry Shaw entrusted us as responsible stewards of his gift and the gifts of those who have followed his example through sponsorships, tributes, bequests, and annual donations to the Henry Shaw Fund. Overcoming the current economic challenges will leave the Garden stronger for future generations, and we are grateful to our many supporters and friends in these challenging times.

Nicholas L. Reding,  
*Chairman of the Board of Trustees*

Spring beauty in the George Washington Carver Garden, an inspirational garden dedicated to the world-famous scientist, educator, and humanitarian.

# biodiversity under threat

## AROUND THE WORLD

GARDEN SCIENTISTS STRIVE TO DOCUMENT AND PROTECT

Plants are the basis of human life. They convert energy from the sun into all the necessities (food, clothing, shelter)—and many of the niceties (beauty, perfume, color)—of human existence. Since 1950, the human population has exploded from 2.5 to 6.8 billion. During this same period, the number of plant species has declined precipitously. **By the end of this century, half of the estimated 300,000 species of plants could be extinct in nature.**

Garden scientists work in dozens of countries throughout the world with colleagues there to document the species of plants found in each area and to make the information widely available. On average, several new plant species are discovered each day in the tropics, thousands each year. Once a plant has been named and described, it can be placed in relation to what is already known, examined for useful properties, and conserved. Discovery and documentation matter deeply in the intense struggle to preserve Earth's biodiversity.

The Missouri Botanical Garden celebrated a scientific milestone in 2008 with the addition of the six millionth specimen to the herbarium. Essentially libraries of plant material, herbaria are vital research tools that allow scientists to compare samples of actual plants from all over the world—and to track changes over time. The Garden's herbarium is the fastest growing—and one of the largest—in the world.

Publications, whether web-based or on paper, are another important knowledge-synthesizing tool. In early 2008, the **Encyclopedia of Life** ([www.eol.org](http://www.eol.org)) launched online. This 10-year web initiative, funded by the John D. and Catherine T. MacArthur Foundation and the Alfred P. Sloan Foundation, seeks to provide expert information on all 1.8 million known species of animals, plants, and other living creatures on the planet. The Garden is a cornerstone partner, along with the Smithsonian Institution, Harvard University, and others.

A "flora" is a scientific publication that documents and describes a region's plants. The Missouri Botanical Garden Press publishes floras from all over the world. The year 2008 was a banner year for the *Flora of China* project with the publication of the next five volumes of what will eventually be a 50-volume work. Thousands of Chinese plants are used as medicine, but extensive exploitation of natural habitats means that many of these are threatened with extinction. The information included in the *Flora of China* is extremely important for conservation and for the search for solutions that address humankind's many impacts on nature. 

“Whilst this planet has gone cycling on according to the fixed law of gravity, endless forms most beautiful and most wonderful have been, and are being, evolved.”

— Charles Darwin, *The Origin of the Species*

### A Personal Milestone

*“At first I considered it impossible that this species was new...After returning to the Garden, I went through all the existing species in our herbarium and none came close.”*

Dr. Thomas Croat, P. A. Schulz Curator of Botany, has been collecting plant specimens in the wild for over 42 years. *Anthurium centimillesimum* (Latin *centi-* hundred and *millesimum* thousand) is Croat's 100,000th collection, placing him in an elite group of only a handful of scientists. The plant, a giant Ecuadorean relative of the humble philodendron, is also the six millionth specimen in the Garden's herbarium.

Protecting biodiversity is the foundation of sustainability. Garden scientists work in nearly 40 countries around the world to document and protect plants. Who knows which new discovery might yield a crucial medicine?



Left: Garden botanists in Vietnam visited Yok Don National Park in 2008. They collected over 1,000 specimens, but just as importantly trained park rangers in collection and inventory techniques. The Garden collaborates with local institutions around the world to build scientific capacity and knowledge in countries that need it most.

Top: Dr. Thomas Croat in Ecuador with his 100,000th collection, making him the fourth botanist ever to have collected so many. The plant became the six millionth specimen in the Garden's herbarium, one of the largest and fastest growing research facilities in the world. Herbaria are valuable tools in documenting the characteristics of plants because they allow scientists to compare plants from all over the world side by side.

Bottom: In Peru, school children in the Yanessa community harvest tomatoes from a school garden. Garden scientists work closely with the local communities of the Palcazú Valley to establish environmental education programs, such as organic community gardens and even a small restaurant (The Honeybee). Through education, local people are inspired to protect their natural resources.





# a new meaning for “HOT SPOTS”

The Science and Conservation Division includes 46 Ph.D. researchers, 144 full-time and 2 part-time employees, assisted by 22 graduate students and 85 volunteers, under the direction of Senior Vice President Dr. Robert Magill.

Far left: In Madagascar, Garden staff member Charles Rakotavao takes an unstable dugout canoe across the Andraronga River with a load of field gear. This is the only transportation available to field botanists in remote parts of the country. The Garden maintains an office of 60 researchers in Madagascar; all but one person is native Malagasy. This provides not only jobs, but education and training to local people, and helps to ensure community involvement in conservation initiatives.

Left: *Clethra concordia*, named to commemorate the peace treaty that finally settled the bitter 1995 Ecuador–Peru border conflict. With peace, Garden researchers have been able to explore the sandstone plateaus adjacent to the border, where this unusual plant was found. New plant species are found every day in the tropics. Garden researchers are in a race to document them before they disappear.

## GARDEN SCIENTISTS WITNESS GLOBAL CLIMATE CHANGE

“Hot spot” is the phrase biologists use to identify areas of especially high biodiversity. The tropics are home to many of the world’s hot spots: nearly two-thirds of all known plants in the world are found there. But lately, the phrase has taken on ominous overtones. The world is warming—ocean temperatures are rising, ice is melting, and plants are struggling.

Throughout the world, Garden scientists are studying the effects of global climate change on plants. They witness glaciers retreating in Tibet and the changes in alpine plants there. They track the gradual drying of the Serengeti Plain. They are creating a plant checklist of the Andes to guide conservation policy-makers in the region. In Madagascar, they monitor evidence of species extinction with the same hope: to document data and lobby governments to take action, sometimes during periods of considerable political unrest and peril.

Population pressure, increasing industrialization, deforestation, soil erosion, pollution: these are the problems affecting developing nations, a majority of which are located in the tropics where biological diversity is exceptionally high. Governments and communities cannot easily be convinced to conserve natural resources when people live in poverty.

That’s why in 2008 the Missouri Botanical Garden helped open a new medical clinic in Mahabo, Madagascar. Researchers had long identified the Agnalazaha forest as a conservation priority; however, the local population continued to collect firewood there. Garden staff met with the community and learned that inhabitants knew their exploitation of the forest was damaging, but they could not afford both fuel and medical care. By helping to start this clinic, botanists benefit the community—and save rare plants.

In tropical Vietnam, other types of investment were needed. The forests of Bach Ma National Park are remarkably diverse—with over 2,000 plant species (and one tiger!)—but poorly documented. In 2008, the Garden helped establish an herbarium for the park, providing essential equipment and training. The facility will allow park staff to document the flora of the land in their charge and promote its conservation to the local community.

These efforts and many like them are spearheaded by the Garden’s **Center for Conservation and Sustainable Development**. The Center analyzes data collected by Garden researchers, consults on conservation strategies, trains local botanists, and works to find community-based solutions to conservation problems. In addition, the Garden’s **William L. Brown Center** has a special mission to preserve traditional knowledge about plants for a sustainable future. Their work helps identify traditional medicines and other types of useful plants, so that they can be preserved before habitat destruction and global climate change can take their toll. 



Global climate change has forced the Himalayan snow lotus (*Sanssuren laniceps*) to the top of its range. It has nowhere left to go—except extinct. With your help, Garden scientists can discover and document species before it’s too late.

### Parasite Lost

*“The region where the plant grows is changing rapidly: forests are being logged for timber and the slopes burned to become pastures. In another decade, we might never have relocated this undescribed genus.”*

Garden curator Dr. George Yatskievych has rediscovered a rare and unusual parasitic plant. Known from only a single specimen collected in 1985, the plant was found in the disappearing forests of western Mexico. It constitutes a genus new to science with a botanical name meaning “little hermit.” Even in our own backyard, plants are at risk. The **Center for Plant Conservation** seeks to preserve and restore rare native plants of the United States.



## MEMBERSHIP BUILDING COMMUNITY

Through outreach and community-building, the Garden strives to share our environmental mission with the public and inspire a love of nature. In 2008, the membership program continued to expand family programming with a record-setting Eggstravaganza Easter event, the Members' Family Picnic, and Halloween Ghouls in the Garden. The Young Friends organization reached out to young professionals in their 20s and 30s. The Garden continues to enjoy one of the best membership renewal rates of any cultural attraction in the country: 76 percent.

The Garden welcomed *Niki*, an installation of the colorful mosaics of French sculptor Niki de Saint Phalle. Niki described the garden setting of most of her works as a "dialog between nature and the sculptures." The exhibit drew crowds of young families, as children were welcome to touch, climb, play with, and sit on many of the whimsical pieces.

Major festivals also continued to inspire visitors to grow green. Annual orchid and holiday flower shows saw increased attendance. The Whitaker Music Festival is one of the most popular outdoor music series in St. Louis with a 20 percent increase in attendance, up to 68,934. Good weather once again helped propel the Garden's two largest weekend events into record-breaking territory. The three-day Japanese Festival, presented by Wachovia Securities, drew 49,052 people, and the 17th annual Best of Missouri Market attracted 27,649 shoppers over two days.

### **Niki Nights sponsor**

Anheuser-Busch Companies, Inc.

### **Media sponsor**

St. Louis Post-Dispatch

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# Sustaining People, SUSTAINING THE PLANET



"Nature does nothing in vain."

-Aristotle

In nature, there is no waste. Deciduous leaves fertilize the soil. Dead plants and animals provide habitat and sustenance for other plants and animals before breaking down. Everything is used and reused in a closed cycle. Human population, which had previously grown in harmony with nature, has tripled over the last 75 years. Human use of natural resources has grown out of balance and has begun to disrupt nature's delicate cycles.

Sustainability is "meeting the needs of the current generation without compromising the ability of future generations to meet their own needs." Today, humanity is currently consuming 25 percent more than the world produces on an ongoing basis. We must change our ways. The Missouri Botanical Garden strives to make the most sustainable choices for the future of people, plants, and the planet.

In 2008, the Garden was excited to announce that the Garden's cafe, Sassafras, was designated the first Certified Green Restaurant™ in the state of Missouri by the national nonprofit Green Restaurant Association. Read all about the certification qualifications on our website, [www.mobot.org](http://www.mobot.org). It's just one of the many ways the Garden is bringing our sustainability initiatives to the public. 🌿

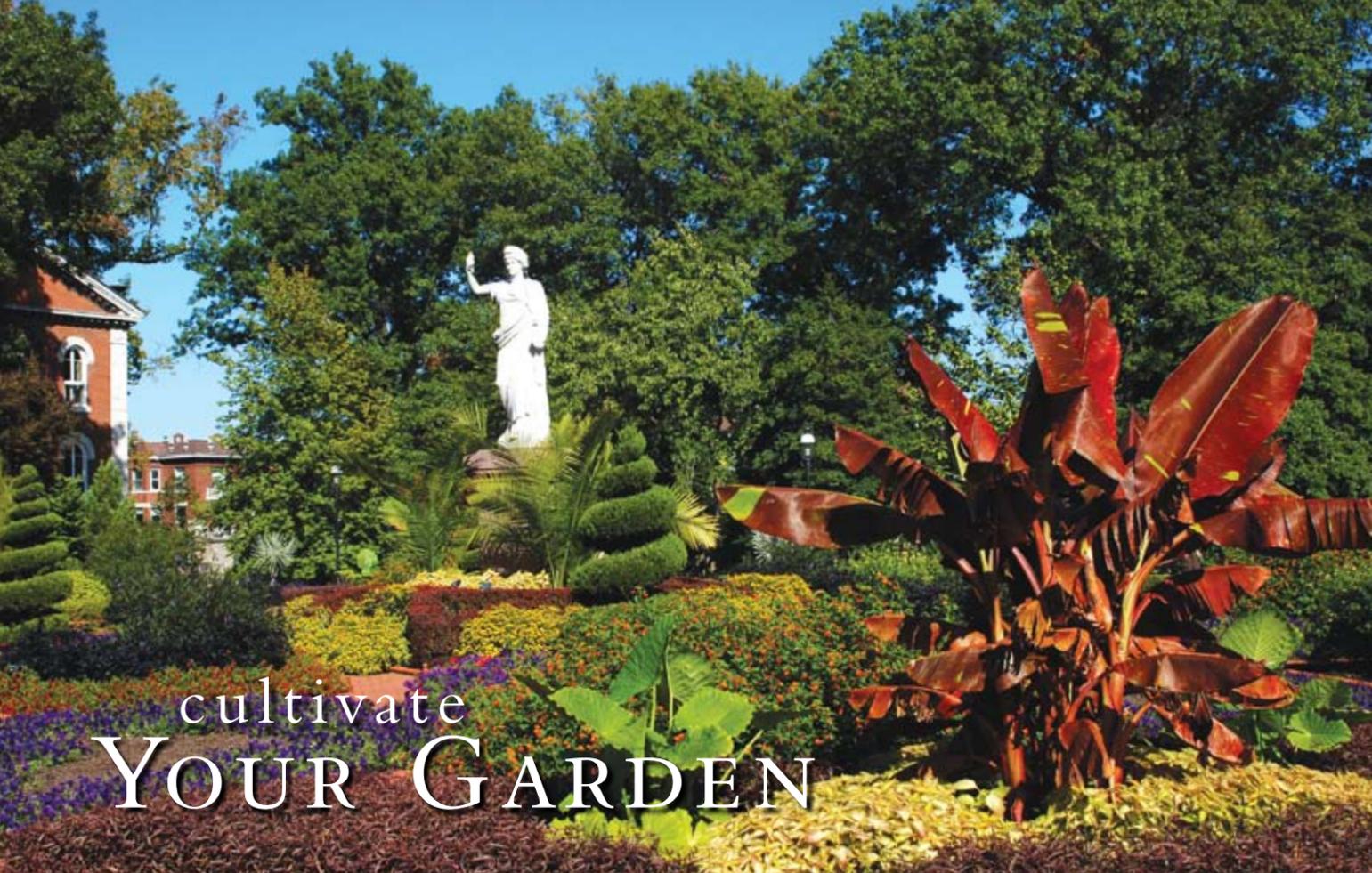
Left: The *Niki* exhibition in 2008 attracted scores of families, whose younger members were delighted to touch and even climb on the colorful—and child-friendly—mosaic sculptures. Artist Niki de Saint Phalle sought to inspire children to love nature and the outdoors.

Above left: Green resources manager Jean Ponzi briefs the staff of the newly Certified Green™ restaurant Sassafras on the latest green initiatives. The restaurant is one of many ways the Garden highlights sustainability for our visitors.

Above right: Events such as the Members' Family Picnic and the Whitaker Music Festival attract a diverse and family-friendly audience to one of the most beautiful venues in St. Louis.



Nature has no waste. Everything is recycled. The Garden seeks to inspire a love of nature in the public and to establish connections between healthy living and a healthy planet.



Far left: The Doris Waters Harris Lichtenstein Victorian District includes a new pincushion garden, and renovated paths, lighting, and entrances to enhance this historic area of the Garden just in time for the Garden's sesquicentennial celebrations.

Top: Over 150,000 people visit the Kemper Center for Home Gardening each year for information, advice, and inspiration for their gardens. The vegetable garden is one of the most popular displays, as home gardeners get interested in growing their own food. As the author of New York Times bestseller *Omnivore's Dilemma* Michael Pollan writes, "It doesn't get more local than your own backyard."

Bottom: There is a long tradition of art in gardens, and installations such as Chihuly's *Trellises, 2006* show why. The best art doesn't compete with nature but complements it, allowing the viewer to better appreciate the graceful curves of the climbing roses while invoking at mid-day the magic of a fiery sunrise.

# cultivate YOUR GARDEN

## GARDEN HORTICULTURISTS INSPIRE, EDUCATE, AND GROW GREEN

“Eating is an agricultural act.”  
– Wendell Berry,  
farmer and author

Providing sites of beauty and reflection is an essential part of the Garden's mission and a primary means by which we make connections between people, plants, and the environment. Presenting landscapes that are beautiful and restorative is essential to inspire in the public a love of nature. From this inspiration, the desire to grow plants, to cultivate a garden, or even just to protect the view, can lead to a more sustainable lifestyle. The Garden promotes the planting of the "right plant for the right location" (including native species and well-adapted Plants of Merit™), educates about the risk of invasives, and encourages all home gardeners to "grow green" by composting, conserving water, and recycling.

In 2008, the Garden dedicated a new area of inspiration for the public. The **Doris Waters Harris Lichtenstein Victorian District** unifies and enhances several gardens and Victorian-era buildings, transforming the area around Tower Grove House into a Victorian showplace just in time for the Garden's sesquicentennial celebrations in 2009.

The Garden's collections of living plants are impressive. Our collection of 385 individual oak trees representing 48 different species was certified by the North American Plant Collections Consortium in 2008. Along with 14 other prestigious institutions nationwide, the Garden will collaborate to strengthen and preserve plant diversity of oaks. In the same year, the Missouri Department of Conservation certified four **Missouri State Champion Trees** on Garden grounds: a white basswood (*Tilia heterophylla*), western soapberry (*Sapindus drummondii*), possumhaw (*Ilex decidua*), and sugarberry (*Celtis laevigata*). Size is calculated using a formula that factors in a tree's height, crown spread, and trunk circumference.

A vibrant piece of the 2006 *Glass in the Garden* exhibition returned to the Garden permanently in 2008, thanks to gifts from Lucianna Gladney Ross and June and Charles Gallagher. Chihuly's *Trellises* will appear in the Gladney Rose Garden during warm-weather months.

The Garden's **William T. Kemper Center for Home Gardening** continues to thrive. The year saw a 20 percent increase in attendance at this gardener's resource, the largest in the nation, where visitors can take classes, research in databases and the library, and seek advice from some of the region's foremost horticulture experts.

The Center's **Plants of Merit™** program, which recommends outstanding but underutilized plants for the region, has expanded to include ornamental edibles as well as more native plants. The program was assisted in 2008 by a generous challenge grant from the William T. Kemper Foundation—Commerce Bank, Trustee. 🌿

*The Horticulture Division has 58 full-time and 4 part-time employees, assisted by 6 interns and 641 volunteers, under the direction of Vice President James P. Cocos.*



Sustainability starts at home. By inspiring home gardeners to grow vegetables, native plants, Plants of Merit™, conserve water, compost, and recycle, the Garden helps grow a healthier planet!

### Over 335 Tons Recycled!

The Garden operates one of the most extensive gardening plastic recycling programs in the nation. The program has expanded to multiple collection locations throughout the community: the resulting yield brought the total collection to over 335 tons of plastic kept out of landfills over the program's ten-year existence. In 2008, the collection was awarded the American Public Garden Association's Award of Excellence. The program is sponsored by St. Louis–Jefferson Solid Waste Management District, Missouri Department of Natural Resources, Missouri Environmental Improvement and Energy Resource Authority, and Monrovia Growers.



# SAVE THE PLAN(E)T!



## Science Alliance

In collaboration with the Saint Louis Science Center and Saint Louis Zoo, the Missouri Botanical Garden is leading a "Science Alliance" with St. Louis Public Schools to promote teaching excellence and student achievement in math and science. Partners provide on-site instruction, professional development, and curriculum materials, as well as organize regular student field trips. The pilot project at Mullanphy Elementary School is generously funded by the Boeing Company as part of the company's efforts to promote a quality learning environment for St. Louis-area students and ensure future success in the workforce.

Right: A young student contemplates the many forms of cacti on display. Children exposed to nature at a young age prove more empathetic, while children cut off from nature can develop behavioral problems. Garden educators strive to inspire in children a wonder of nature and a concern for the environment.

Opposite: A mother and her young daughter enjoy cherry-blossom time at the Garden. Drop-in family programming, the Children's Garden, and a variety of classes and events for young families provide opportunities for parents, grandparents, and children to experience beauty and educational fun throughout the grounds.

## GARDEN EDUCATORS GROW YOUNG GREEN MINDS

Plants form the basis of life on Earth. Humans must live in ways that moderate our impact on ecosystems if we are to survive. Sustainable living requires a basic knowledge of plants, as well as an understanding of the web of life, the cycles of nature, the flow of energy, and the interdependence of all living things. The Garden's education and interpretation programs, grounded in the best scientific research, provide high-quality sustainable learning at five locations throughout the region.

In 2008, children were invited to the National Arbor Day Foundation's "Exploring Trees Inside and Out." This nationally touring exhibit attracted over 35,000 visitors to sit inside a giant leaf and be surrounded by the process of photosynthesis, smell scents from various plants, hear forest animals, and experience tree life from the inside out.

**School Programs** added nine new Garden classes this year for students in grades K through 8. Students explored the rain forest and learned how the birds and the bees lead to flowers and trees. All classes meet local science standards and are free to students in St. Louis City/County.



The **Litzinger Road Ecology Center** continues to provide regional leadership in place-based education, linking teachers and students to their local communities. Through collaborative research, presentations, and publications, LREC programs serve as models inspiring change in schools across the country.

A new **Nature Explore Classroom™** opened at the Shaw Nature Reserve to complement the one established inside the Doris I. Schnuck Children's Garden in 2007. A collaborative effort between the National Arbor Day Foundation and Dimensions Educational Research Foundation, the classrooms were developed as a response to the growing disconnect between children and nature. They feature hands-on, creative fun with natural materials in a natural, outdoor setting.

Since 2006, when the Garden's **Horticulture Therapy** program expanded from senior citizens to include special-needs populations with mental and physical disabilities, the number of people served has tripled. Using nature as a therapeutic medium can aid therapists in achieving specific client goals.

Families can drop in on **Great Green Adventures** each month or explore the **Doris I. Schnuck Children's Garden** with Garden staff stationed throughout to enhance their educational visit. Whether it is a class for a preschooler and dad, an activity for school-aged children and grandparents, or a more extensive summer camp or nature study, the Garden provides a variety of opportunities for kids of all ages in nature. 🌿

*The Education Division has 52 full-time, 4 part-time, and 5 seasonal employees, assisted by 1 intern and 687 volunteers under the direction of Vice President Deborah Chollet Frank.*

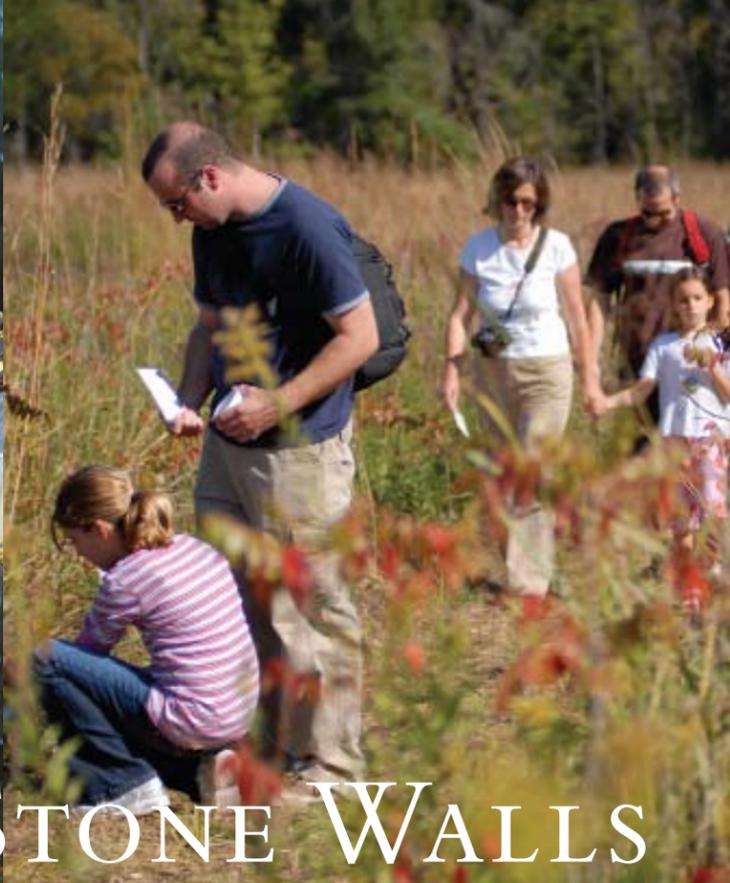


Education for sustainability fosters in children empathy for all people, animals, plants, and the earth—and the will to change behaviors to protect our natural world. These children will be tomorrow's scientists, teachers, and leaders.



“Nature, to be commanded, must be obeyed.”

– Francis Bacon



# the Garden beyond SHAW'S STONE WALLS

“Still Nature’s births enclosed in egg or seed  
From the tall forest to the lowly weed,  
Her beaux and beauties, butterflies and worms,  
Rise from aquatic to aerial forms.”  
– Erasmus Darwin, *The Temple of Nature*

Left: Mariachi musicians perform at the Mighty Monarch Fiesta. This fall fundraiser for the Sophia M. Sachs Butterfly House provides support for education programs and exhibits, as well as conservation through the ongoing partnership with El Bosque Nuevo butterfly farm and reserve in Costa Rica.

Center: Families flock to Prairie Day at Shaw Nature Reserve, sponsored by the Missouri Department of Conservation. This fun-filled day explores Missouri heritage on the Reserve’s 250-acre restored tall-grass prairie, complete with nature walks, sod house and teepee, and historic arts and crafts.

Right: Artist Cbabi Bayoc guides school children and festival attendees in creation of a bus mural at the EarthWays Green Homes and Renewable Energy Festival, sponsored by AmerenUE. Part of Metro Arts in Transit, the bus will raise environmental awareness on local routes throughout the year.

## PLANTS, ANIMALS, PEOPLE, AND SUSTAINABILITY

The Missouri Botanical Garden includes a family of attractions throughout the St. Louis area, each uniquely complementing the Garden’s mission.

**EarthWays Center** | 3617 Grandel Square, St. Louis, MO  
(314) 577-0220 • www.earthwayscenter.org

The Missouri Botanical Garden practices sustainability at the most fundamental level, by protecting biodiversity. At the **EarthWays Center**, visitors learn how to make more sustainable choices at the local level, in their own lives and homes. EarthWays also offers environmental education to school children, including the popular Young Green Builders summer camp, and serves as the headquarters of the U.S. Green Building Council’s St. Louis Regional Chapter. In 2008, EarthWays launched a green resource hotline for consumers’ sustainability questions.

The 2008 Green Homes and Renewable Energy Festival, sponsored by AmerenUE, grew bigger than ever through a new collaboration with the Missouri Coalition for the Environment. The event attracted thousands of visitors to learn about energy efficiency, alternative fuels, recycling, composting, native plant landscaping, and more. A Green House Tour highlighted the growing green homes movement in St. Louis.

*The EarthWays Center has 9 full-time staff, assisted by 32 volunteers, under the leadership of Director Glenda Abney. Attendance in 2008 was 7,010.*

**Shaw Nature Reserve** | Hwy 100, Gray Summit, MO  
(636) 451-3512 • www.shawnature.org

The Missouri Botanical Garden discovers and protects plants around the world. At the **Shaw Nature Reserve** in Gray Summit, visitors can get acquainted with local Missouri plants and ecosystems—and the steps they can take to preserve them. Featuring one of the best examples of restored tall-grass prairie in the region, the Shaw Nature Reserve has become renowned for native plant expertise. The Whitmire Wildflower Garden is one of the best native plant displays in the Midwest. The Spring Wildflower Sale attracts thousands each year. The Native Plant School offers classes for homeowners as well as professional landscapers in conjunction with the Missouri Department of Conservation’s Grow Native! program.

The **Missouri Department of Conservation** and Shaw Nature Reserve share a commitment to conservation. The partnership, now in its fifth year, offers greater opportunities for native plant promotion through the Grow Native! program and youth education initiatives. A bi-annual Prairie Day event, the Master Naturalist program, and Discover Nature-Women weekend are among recent co-sponsored events.

*The Shaw Nature Reserve has 15 full-time and 5 part-time staff, assisted by 141 volunteers, under the leadership of Director John Behrer. Attendance in 2008 was 58,346.*

**Butterfly House** | Faust Park, Chesterfield, MO  
(636) 530-0076 • www.butterflyhouse.org

The Missouri Botanical Garden promotes connections between people and plants. At the **Sophia M. Sachs Butterfly House** in Chesterfield, visitors learn about the connections between people, plants, and animals too—and how to preserve nature’s fragile balance among them.

In 2008, the Butterfly House was confirmed for a second five-year period and remains the only butterfly house in the nation accredited by the Association of Zoos & Aquariums. To be accredited, the Butterfly House underwent a rigorous investigation to ensure it will continue to meet ever-rising standards of conservation, education, safety, and animal care.

Conservation is an essential element of the Butterfly House mission and operation, as seen in our expanded partnership with El Bosque Nuevo in Costa Rica, a butterfly farm that utilizes 100 percent of profits to fund a goal of a 25,000-acre protected reserve. The Butterfly House is also part of the Butterfly Conservation Initiative, a coalition of facilities dedicated to the conservation of threatened and endangered North American butterflies and their habitats.

*The Sophia M. Sachs Butterfly House has 13 full-time, 7 part-time, and 10 seasonal staff, assisted by 180 volunteers, under the leadership of Director Joe Norton. Attendance in 2008 was 139,846.*



# FINANCIAL INFORMATION

Year ended December 31, 2008

## 2008 Public Support & Revenue

### Public Support

Services Provided for Botanical Garden Subdistrict*	\$ 9,850,000
Contributions and Memberships	7,075,887
Bequests	2,979,885
<b>TOTAL PUBLIC SUPPORT</b>	<b><u>19,905,772</u></b>

### Revenue

Admissions	1,902,004
Grants and Contracts	8,942,541
Retail Shops	2,475,270
Education	385,238
Property Rentals	424,069
Investment Income (net)	3,848,523
Other	977,191
<b>TOTAL REVENUE</b>	<b><u>18,954,836</u></b>
<b>TOTAL SUPPORT AND REVENUE</b>	<b><u>38,860,608</u></b>

## 2008 Expenditures

### Program Services

Horticulture	3,348,112
Science and Conservation	10,627,580
Retail Shops	2,437,238
Education	2,992,707
Sophia M. Sachs Butterfly House	1,261,502
Shaw Nature Reserve	1,010,555
Visitor Services	409,872
Public Events	478,060
Contract Services	1,810,026
<b>TOTAL PROGRAM SERVICES</b>	<b><u>\$ 24,375,652</u></b>

## 2008 Expenditures / continued

### Supporting Services

Management and General	\$ 8,973,725
Maintenance and Improvements	3,594,581
Utilities	1,082,297
Security	827,694
Membership	1,296,248
Institutional Advancement	1,266,256
<b>TOTAL SUPPORTING SERVICES</b>	<b><u>17,040,801</u></b>

### Equipment & Transfers

Property and Equipment Transfers	295,202
Transfer of Funds	(938,550)
<b>TOTAL EQUIPMENT &amp; TRANSFERS</b>	<b><u>(643,348)</u></b>
<b>TOTAL EXPENDITURES</b>	<b><u>40,773,105</u></b>

Excess (Deficit) of Public Support and Revenues over Expenditures	(1,912,497)
Net Assets—Beginning of Year	4,625,000
Net Assets—End of Year	<b><u>\$ 2,712,503</u></b>

### Net Assets (Deficit)

Operating Fund Unrestricted	\$ 3,082,320
Operating Fund Restricted	(369,817)
Endowment and Similar Funds	62,747,192
Land, Buildings, and Equipment	83,922,537
Capital Fund	2,180,976
Gift Annuity Fund	1,385,597
<b>TOTAL</b>	<b><u>\$ 152,948,805</u></b>

Left: A migrating monarch alights on a dahlia in the Samuels Bulb Garden. Everywhere, the Garden is alive with the connections of plants, animals, and people.

### \*Botanical Garden Subdistrict

Since 1971, residents of St. Louis City and County have generously supported the Metropolitan Zoological Park and Museum District (ZMD). The ZMD is a property tax-supported district, which distributes funds through five cultural subdistricts, including the Botanical Garden Subdistrict which provides support to the Missouri Botanical Garden. The Garden is grateful for this continued support. (Commissioners for the ZMD and the Botanical Garden Subdistrict are listed on page 38.)





## VOLUNTEER SERVICE APPRECIATION

### OUR VOLUNTEERS

*The Garden is grateful to our 1,788 volunteers (the equivalent of 70 full-time staff) who donated over 135,689 person-hours in 2008.*

Gail Abbott	Rosemary Armbruster	Margaret R. Bauer	Paul Biesterfeldt	Lois Brinkmeyer	Gail Cammarata
Karla Abel	David Arnick	Shirley Bauer	Theresa Biggs	Chip Bronsky	Wally Cammarata
Peggy Abel*	Cathy Arnold	Becky B. Baxa	Anne Bishop	Chris Brooks	Kara Campbell
Eleanor Abele	Gina Arnold	Louise Bazzetta	Annie Bishop	Alyssa Brown	Marsha Canfield
Geraldine Abeln	Laris Arora	Terry Beachy	Pat Bishop	Carla Brown	Nuala Caomhanach
Caren Abraham	Joann Arpiani	Sonia Beard	Gerald Blanke	Donna Brown	Cindy Capatosta
Pam Ackerman	Pauline Ashton	Audrey Beatty	Suzanne Blanke	Emma Brown	Sarah Caple
Ellen Adams	Ted Atwood	Jane Beatty	Abigail Blatt	Maddy Brown	Ruth Carapella
Eva-Maria Adams	Kelley Austin	Milissa M. Beaty	Ivona Blazevic	Mary Brown	Corine Carey
Lee Adams	Jonathan Bade	Holly Beck	Julia Bliss	Sharon Brown	Jack Carl
Marilyn Dale Adams	Lyndell M. Bade	Jean Beck	Paulette Bliss	Janine Brownridge	Greg Carlson
Patricia Adams	Elaine Baden	Brittany Becker	Nichole Blume	Mary Bruce	Mary A. Carmody
Tia Adkins	Albert Baeyen	Chris Becker	Ronald Blume	Tammy Bruckerhoff	Martin P. Carmody, Jr.
Jo Aerne	Charlotte Baeyen	Helena Bedalli	Charles Boclair	Barbara A. Brueggemann	Peter Carnesciaui
Carol Agatstein	Edward Bahr	Almaretta Bedford	Francine Boillat	Chuck Brust	Marcia Carpenter
Marilyn Ainsworth	Bonnie Bales	Janie Bedwell	Linda Bolhofner	Lynn Buchanan	Sally Carpenter
Betsy Alexander	Jacqueline Bainter	Emil E. Beier	Judy Bolian	Sharon Buchanan	Trish Carpenter
Dottie Alexander	Cynthia Baker	Kathy Beine	Anne M. Bond	Blair Buchmayer	Ann Smith Carr
Lee Ann Alexander	Jan Baker	Greg Bell	JoAnn Bonfiglio	Dave Buck	Eileen Carr
Bonnie Kay Alinder	Kimberly Baker	Nancy Bell	Anna Bonfili	Marsha Buck	Monica Carron
Ginger Allington	Nannette Baker	Grant Bellak	Marge Bornhauser	Sujata Buck	Karrianna Carter
Jeanette Alsop	Robert Baksrud	Janet Benetin	Jane Bosché	Janet Buehrig	Katie Carter
Barbara Altenbernd	Ed Banashek	Ann Buhr	Diana Bose	Ann Buhr	Dianne Carty
Gloria Altepeter	Micah Bennett	Minette Buhr	Lucyann Boston	Minette Buhr	Andrea Casamento
John J. Altman	Carol Benoist	Michael Bulls	Josh Benson	Michael Bulls	Anita Casamento
Cornelius Alwood	Elaine K. Bante	Kathy Bumberry	Jennifer Berg	Kathy Bumberry	Ann Case
Rebecca Amitin	Charlie Barbaglia	Meghan Bumberry	Rebecca Berg	Meghan Bumberry	Bob Case
Melissa An	Mary Barchet	Aileen Bunton*	Lawrence H. Berglund	Aileen Bunton*	Nancy Cash
Barbara Anderson	Gail Barclay	William Castillo	Sally Berglund	William Castillo	Jo M. Dalton
James Anderson	Mary Bard	Jerry Castillo	Shirley Bardenheier	Jerry Castillo	Jessie Dantin
Mary Jo Anderson	Sarah Berglund	Linda Castillon	Melissa Barfield	Linda Castillon	Carl Darigo
Rachel Anderson	Brooke Bergman	Nanka Castulik	Amanda Barnes	Peggy Burkhardt	Dolly Darigo
Silvio Angeli	Marie Bergmann	Bob Burns	Robert T. Barnicle	Nick Burleson	Deanna Davis
Lena Annis	Nancy Bergmann	Hzli Ceja	Tim Barrier	Bob Burns	Douetta Davis
Toni Ansboro	Anna Berry	Veronica Ceja	Bridget Barry	Evelyn Burns	Karen Easley
Ronda Anson	Patrick Brandon	Carmen C. Censky	Katie Barry	Peggy Burris	Xavier Davis
Carole Anthony	Cheryl Brandon-Watkins	Susan Chaires	Nancy A. Barry	Kyle Buschkoetter	Sarah Davis
Shirley Anton	Bettie Branson	Katharine Chamberlin	Erin Berry	Jerome Buterin	Stephanie Davis
Jared Applebaum	Jerome Branson	Dennis Chambers	June Barry	Bruce Butler	Veranda Davis-Lee
Laura Applebaum	Elaine M. Brauch	Sally Chambers	Suzann Barry	Bruce Butler	Joyce Davit
Laura April	Carol Breckenridge	Peggy Chandler	Melanie Bascom	Susan Butler	Wallace Dawson
Sarah April	Jack Breier	Mary Chapman	Anthony Bassett	Bob Byrne	Nadine Day
Wendy April	Desi Bibbs	Anisha Chellaswami	Emily Bassi	Jenna Cabler	Carole Dean
Susan Arb	Ruth Bridger	Zesta Childers	Woody Bassman	Lynda Cain	Roberta Dearing
Chyrlie Arens	Marion Briesacher	Grace Cho	Anne Marie Batzel	Esther Calcaterra	Gene DeBolt
	Josh Bring		Lindsey Bauer	Loretta Calcaterra	

Claire Chosid	Natalie DeCarlo	Kirsty Edwards	Patricia Fowler	Gordon Gosh	Terre Hayes, II
Marilyn Chryst	John Dedeke	Mike Eggleston	Cheryl Fox	Constance Goss	Melanie Hayim
Alberta Chulick	Xavier Delannay	Charlotte Ehlenbeck	Elizabeth Fox	Josephine Gothberg	Diana Haynes
Loretta Claes	Joan Dellbringge	Marypat Ehlman	Katherine Fox	Kelly Gould	Richard Haynes
Marilyn Claggett	Rachel Dennis	Barbara Eiler	Lotta Fox	Shari Gourdé	Judy M. Headley
Monica Clapper	Skippy Dennis	Carolynn Eiler	Rachel Fox	Jan Gowen	Mary Heffernan
James Clark	Edna Dependahl	Amy Einspanier	Don Frank	Alan Graham	Mary Etta Heggie
Jaylen Clark	Shelby DeRousse	Mary Ellen Elkins	Alyssa Franke	Shirley Graham	Patty Heim
Leslie Clark	Margot Dersham	Eleanor Ellis	Connie Frankovich	Nada Granberry	Linda Heinicke
Nancy Clark	Liz DeSimone	Sondra Ellis	Frank A. Frawley	Valerie P. Granberry	Joanna Heins
Ruth Clark	Robin Deturk	Misha Emanoil	Zach Frazer	Alex Granda	Charles Heinzman
Sam Clark	Suzanne Deutschmann	Sheldon Enger	Maria Frazier	Mary Beth Granger	Mary Heitert
Walter Clark	Bart Devoti	Lee E. Erickson	Joseph Frazzetta	Anne Grant	Walter L. Heitmann
Patty Clarke	Pat Devoti	Dorothy Ernst	Paula French	Bill Grant	Jane Helbig
Miton Clayborn	Anna DiCarlo	Lois Estes	Phyllis Fresta	Carol Gravens	Marilyn Heller
James Clevenger	Laura Dick	Joan Ettman	Alda Fridley	Daniel L. Gravens	Ruth Hellstern
Sylvia Clobes	Evie Dickerman	Judy Evans	Anne Frohman	Rick Gray	Patricia Hermann
Christina Clothier	Lisa Dieckhaus	Kali Evans	Joyce Fry	Victoria S. Gray-Questell	William Hemberger
Lois Cobleigh	Trisha Dieckmann	Marjorie Eversman	Ashley Frye	Dennis Green	Erika Hempey
Debbie Cochran	Dorothy Diehl	Dale Ewalt	Natalie Fryrear	Sharon Greenberg	Reneé Hennekes
Diana R. Cohn	Luba Ezerskiy	Stacie Fryrear	Stacie Fryrear	Marlena Gregory	Janis Henricks
Sally Cohn	Alex Digirolamo	Jerry Fugate	Jerry Fugate	Verna Gremaud	John Hensley
Melody Colliatre	Melanie Dileo	Mary T. Funge	Mary T. Funge	Hannah Grewach	Linda Hensley
Lilian Collins	Jessica Dillender	Lauren Furbush	Lauren Furbush	Laura E. Griesedieck	Rosemary Hensley
Sean Collins	Barbara Fairchild	Ross Grimm	Ross Grimm	Virginia Grimm	David Heppermann
Dick Cone	Cheyenne Dinkins	Candy Grisham	Candy Grisham	Savannah Furman	Irene R. Hercules
Sophie Connor	Taylor Disper	Michelle Gronemeyer	Michelle Gronemeyer	Gina Fusco	Lucy Herleth
Ruth Conway	Diana Dizon	Joan Grossman	Joan Grossman	Anrico Gaddy	Thomas Herm
Martha P. Conzelman	Sally Dobrunz	Mary Grossman	Mary Grossman	Florence Fathbush	Jan Hermann
Ricky Cook Peterson	Irene Dodson	Susan Grossman	Susan Grossman	Paulie Gaioni	Lise Herren
Ashley Cooley	Marjorie Domeier	Michelle Grove	Michelle Grove	David Gaither	Sydney Hersckowitz
Rosalie Cooper	Gloria Donahue	Betty Guarraia	Betty Guarraia	M. Joyce Ganim	Carol Hess
Natalie Copens	Carol Donelan	Bernice Guerke	Bernice Guerke	Andrew Gardner	Cathy Hey
Anne Cori	Maureen Donnelly	Mary Guetterman	Mary Guetterman	John Garner	George Hibbard
Cynthia Corley Crapsey	Michael Donovan	Ann B. Gulick	Ann B. Gulick	Steve Feiner	Carol Higgins
Stephanie Corrigan	Patti Donovan	Cathy Gunter	Cathy Gunter	Karlene Feldker	Jamie Higgins
David Cotton III	Suzanne Dorris	Geoffrey Gates	Geoffrey Gates	Paul Feldker	Phyllis Higgins
Marjorie S. Courtney	Ashton Dougherty	Betsy Gee	Betsy Gee	Debbie Fellenz	Michelle C. Hill
Sharon Cox	Marge Dougherty	Jim Gehringer	Jim Gehringer	Jill Feller	Joyce Hillebrand
Polly Coxe	Sharon Dougherty	Eileen Hahn	Eileen Hahn	James A. Fellhauer	Barb Hill
Andrea Craig	Jerry H. Douglas	Susan Gelman	Susan Gelman	Sandy Fender	Sabrina Hilton
Rachel Craig	Amber Dover	Richard George	Richard George	Kate Fenton	Mark Hahn
Bruce Cramer	Emily Dowd	Lora Hakanson	Lora Hakanson	Susan Fenwick	Lora Hakanson
Gayle Crancer	Thom Downey	Bill Halcomb	Bill Halcomb	Kathleen Ferrell	Gregory Hall
Joan Crane	Janice Dozier	Hera Gerber	Hera Gerber	Natalie Feste	John M. Gergel
Ruth Ann Cranston	James Drey	Joanna Gerst	Joanna Gerst	James Fetterman	Margaret Hallas
Alex Creely	Joyce Driemeyer	Jane Haller	Jane Haller	Abigail Filippello	Jane Haller
Lisa Cribbs	Patrick Driscoll	Karen Haller	Karen Haller	Sydney Fiman	Martha Gersten
Lois Cromwell	Sherry Droste	Kathy Halpin	Kathy Halpin	Sydney Fiman	Helena Gewalt
Cindy Cross	Kathy Duan	Bonnie Hamid	Bonnie Hamid	Barbara Finbloom	Mary Joyce Gewalt
Doug Cross	Ellen Dubinsky	Allen Hamilton	Allen Hamilton	Linda Finerty	Gil Gherardini
Jean Crowder	N. Diane DuBois	Esley Hamilton	Esley Hamilton	Glenda Finnie	Diana Gibbons
Kevin Cui	Arden Fisher	Mary Hammer	Mary Hammer	Arden Fisher	Dawn Gibson
Jake Cummings	Corey Fisher	Carol Hampton	Carol Hampton	Judy Duda	Rosemary H. Gidionsen
Sylvia Cummings	Marie Fisher	Gary Giessow	Gary Giessow	Sue Dudek	Teresita Hampton
Holly Currier	Annie Fitchitt	Gwen Hardin	Gwen Hardin	Kathleen Dudley	Laura Gilbert
Cari Curtis	Betty Fitzgerald	Carlyn Gildehaus	Carlyn Gildehaus	Loyd M. Duering	Carolyn Gildehaus
Marie Cuttler	Nora Fitzgerald	Carol Ginder	Carol Ginder	Berta Dulle	Carol Ginder
Larissa D'Abson	Cynthia Fitzgibbons	Barb Gist	Barb Gist	Rene Dulle	Barb Gist
Marcelline Dairaghi	Teresa Flanagan	Janet Glarner	Janet Glarner	Teresa Dunlap	Richard Holdener
Jo M. Dalton	Julian B. Fleischman	Len Glaser	Len Glaser	Diane Dunn	Len Glaser
Jessie Dantin	Jennifer Fleischmann	Mil Glaser	Mil Glaser	Sarah Dunn	Mil Glaser
Carl Darigo	Elaine Flieg	Katie Harper	Katie Harper	Kate Durbin	Roz Glaser
Dolly Darigo	Carol Flood	Robert Harper	Robert Harper	Shirley Durfee	Robert Harper
Deanna Davis	Barbara Floom	Bobbie Harrington	Bobbie Harrington	Jennifer Dykeman	Bobbie Harrington
Douetta Davis	Susan Fluegel	Dorothy Harris	Dorothy Harris	Don Dylewski	Dorothy Harris
James L. Davis	Joanne Fogarty	Jack H. Harris	Jack H. Harris	Ann Earley	Jack H. Harris
Xavier Davis	Frank Foley	Monica Hartenstine	Monica Hartenstine	Ann Earley	Monica Hartenstine
Sarah Davis	Jessica Foley	Gary Hartman	Gary Hartman	Debra Ebel	Gary Hartman
Stephanie Davis	Taylor Foley	Ken Hartsell	Ken Hartsell	Leo Ebel	Ken Hartsell
Veranda Davis-Lee	Christian Followell	Ruth Hartsell	Ruth Hartsell	Gloria Ebert	Ruth Hartsell
Joyce Davit	Jamison Ford	Pamela Hass	Pamela Hass	Melissa Ebone	Pamela Hass
Wallace Dawson	Mary Grace Ford	Arnold Haumesser	Arnold Haumesser	Patricia M. Eckel	Arnold Haumesser
Nadine Day	Carol Forsyth	Madison Haumesser	Madison Haumesser	Angie Eckert	Madison Haumesser
Carole Dean	Catherine Forsyth	Cheryl Hause	Cheryl Hause	Jack Edelman	Cheryl Hause
Roberta Dearing	Pamela Fournier	Judy Hawkins	Judy Hawkins	Georgia Edkins	Judy Hawkins
Gene DeBolt	Dwight Fowler	Kevin B. Hawley	Kevin B. Hawley	Sally A. Edmiston	Kevin B. Hawley
	Pamela Fowler	Toni Hayes	Toni Hayes	Karla Edwards	Toni Hayes

## OUR VOLUNTEERS

*continued*

Jan Horner	Christine Joyce	Diane Kohl	Lauren Leonard	Tess Matthews	Lauren Miller	R. Spence Nelson	Randall Parker	Charlie Raiser	Nancy Ross	Mary Schrader	Betty Smith
Megan Hornsby	Maggie Joyce	Pat Kohler	Jean Leonhardt	Christine Mattingly	Ryun Miller	Cassie Nesbit	Holly Parks	Lois Raley	Allan Rossel	Arline R. Schramm	Jolie Smith
Stephanie Hornsby	Audrey Jurgens	Irene Kohm	Maya Lerch	Kay Mattingly	Amanda Milligan	Bob Neu	Farnell Parsons	Linda Rallo	Carol Rossel	Barrett Schroeder	Jordan Smith
Virginia Horrell	Janet Jump	John Kolar	Mike Lerch	Judith Maune	Gloria Mills	Jon Newell	Jo-Ann Partin	Rafi Ramadan	Faye Roth	Todd W. Schroeder	Kathy Smith
Maureen Horst	Marie Juras	Dub Koon	Richard LeSage	Susan Maurer	Jacqueline Millstone	Betsy Newman	Kristina Passi	Suzanne Ramsey-	Rebecca Rowney	Hale Schroer	Ron Smith
Kyle Horstmann	Meaghan Jusick	Margi Koors	Kevin Leuck	Carly May	Terry Milne	Evelyn Newman	Larry Patterson	Haubein	Deann Rubin	Jill Schroer	Rose Marie Smith
Phil Horstmann	Peggy Kachulis	Alice L. Koritta	Annamarie Leung	Maryellen May	Maxine Mirowitz	John Newman, Jr.	Sidney Patterson	Amy Randazzo	Rhett Rucker	Jim Schuck	Linda Snider
Anne Rankin Horton	Jane Kahn	Robert Kornblum	Marilyn Leutwiler	Rebecca May	Alice Mitchell	Terry Newmark	Tavia Patterson	Joe W. Randolph	Ann Schuette	John M Snodgrass	John M Snodgrass
David Horton	Lawrence Kahn	Sheila Korte	Audrey Levit	Dorothy Mayes	Jacqueline Mitchell	Hillary Newton	Joyce Patton	Mary Ann Randolph	Anna Rueschhoff	Christopher Schulte	Bill Snyder
Robert Horton	Beverly Kahney	Nadine Kouba	Steve Levit	Elizabeth Mayes	Kyle Mitchell	Vicki Newton	Len Patton	Sandra Raney	Jan Ruggie	Jim Schulte	Richard Sokol
Ben Howard	Linda Kalicak	Cheryl Kowalczyk	Ian Lewchenko	Jennifer Mayo	Liza Mitchell	Julie Nicolai	Peggy Pautler	Sue Rapp	JoAnn Rull	Kristen Schulte	John Solodar
Nennifer Howard	Mark Kalk	LaVerne Koy	Tracie Lewis	Kelly Mazzacavallo	Mary Ellen Mitchell	Janne Niemoeller	Nikki Pawlowski	Terry Rassieur	Donald Rumer	Rose Schulte	Nancy Solodar
Virginia Hrevus	Pamela Kalkbrenner	Bob Kozielek	Brittany Liedke	Courtney McBay	Suzanne Moak	Joyce Niewoehner	Derek Payne	Kelly Ratabashee	Mary Rummy	Scott Schulte	Rosemary Spidler
Eric Hsu	Donald Kaminski	Jessica Krafcik	Melinda Ligon	Tresa McCallie	Jeannie A. Moe	Ron Nimer	Ve'Niecey Pearman-	Fred A. Rauch	Bill Ruppert	Susie Schulte	Barbara Springer
Hibert Huaylla Limachi	Betty Kamman	Mary Jane Kranz	Leslie Lihou	Peggy McCalpin	Peggy Moehlenbrock	John Nischwitz	Green	Barbara Rauth	Gene Rush*	Hannah Schulten	Van D. Spurgeon
Alea Hughes	Ann Kann	JoAnn Kresko	Leslie Limberg	Lavonne McClain	Rich Moffitt	Bob Noe	Sharon Pedersen	Pat Raven	Jessie Rush	Jordan Schulz	Carol Squires
Alex Hughes	Ann Karasek	Becky Kridel	Vincent Lin	Andrew McClellan	Francine Moloney	Claudia R. Noe	Caroline Peetz	JoAnn Rawson	Marsha Rusnack	Sylvan Schulz	Jeanette St.Vrain
Judith C. Hughes	Rose Marie Karius	Fran Kroeger	Judy Lincoln	Jan McClenahan	Karen Smead Mondale	Virginia Noe	Jack Peistrup	Anita Rayfield	Richard Russell	Todd Schumacher	Julie Stackhouse
Nyla Hughes	Gary Karpinski	Doris Kroupa	Steven J. Linford	Jeanette McCConnell	Phyllis Noelken	Al Norman	Alan Raymond	Alan Raymond	Susan Russell	Pat Schutte	Sara Stackhouse
Laure Hullverson	Jack Karty	Mackenzie Krus	Jeanette Ling	Ginny McCook	Cherie Moody	Brad Norman	Holly S. Records	Holly S. Records	Judy Rustige	William Schwab	Laura Stadelman
Linda Hultgren	Ravi Kasinadhuni	Chris Krusa	Joo Linn	Sue McCool	Betty Moore	Chase Norman	Lola Reed	Lola Reed	Sammy Ruwitech	Alix Schweitzer	Amy Stahl
Barbara Huning	Beth Katzfey	Lorraine Krusa	Diane Linsin	Jean McCormack	Martha Moore	Tommy Moore	David Reindl	David Reindl	Don Ryan	Mary Scott	Karen Stahlhuth
Jesse Hunt	Jim Kearney	Yvette Kurtz	Claire Linzee	John McCormack	Tommy Moore	Marge Normile	Lucy Ryan	John Reiner	Lucy Ryan	Fredna Scroggins	Shirley Standish
Charmaine Hutchings	Karen Kearney	Danielle M. Kusner	Connie Lippert	S. Kelli McCurdy	Janet Moran	Wayne North	Megan Perney	Elizabeth Reinsch	David Sacks	William Sedlock	Glee Stanley
Kristen Lynn Iaquina	Victoria Kearns	Carol Kusterer	Rachel Lissner	Jeffrey McEuen	Audrey Morgan	Mary Nottetbrok	Dominick Perotti	Jane Reise	Brian Sadlo	Rosalie M. Seemann	Susan Stapel
Ellen Irons	Pat Keating	Sydney Kutten	Cassie Liu	Annette McGarrahan	Denise Morgan	Barbara Vanta Novak	Trevor Perrmann	Sue Reisel	Jane Saghir	Ken Seher	Katarina Staples
Robert Irwin	Susan Keating	Judy LaBarbera	Cheryl Lockos	Sue McGary	Sami Morley	Justine Novak	Joel Pesapane	Alma Reitz	Nancy Seifer	Nancy Seifer	Louis Stark
Alana Jackson	Patty Keck	Nancy LaBrier	Beverly Logan	Alberta McGilligan	Isabelle Morris	Jeanne Nowicke	Allison Peters	Susan Rentfrow	Laurie Selkirk	Laurie Selkirk	Martha Suzanne Stark
Herb Jackson	Rick Kedro	Deborah Ladd	Freda Lohr	Jeanne McGilligan	Jean E. Morris	Mary Jo Nowobilski	Connie Peters	Douglas Reyner	Jeff Salvage	Emmett J. Senn, Jr.	Penny Steffen
Jim Jackson	Nancy Keefe	Margaret Lahrmann	Janis Londe	Lynn McGoogan	Jim Morris	Sarah Nunez	Gary Peters	Lynn Reyner	KayKay San	Nancy Senter	Lucinda Stein
Lois Jackson	Abby Keel	Elizabeth Laley	Betty Longfellow	Kevin McGowan	Julia Morris	Marcia Nusz	Arlene Petersen	Cyndy D. Reynolds	Patricia Sanders	Mary E. Serbi	Donna Steinhoff
Maggie Jackson	Grace Keesling	Andrew Lalour	Mary Longrais	Laurian McGrath	Karen R. Morris	Mary Ann Nye	Frank Peterson	Mary Beth Reynolds	Sarah Sanders	Mary Seright	Janet Stenson
Leonard Jacobs	Mary Keilty	Bill Lambertson	Barb Lorentz	Dolores J. McGuire	Larry Morrison	Alison O'Brien	Samantha Peterson	Barbara Rezny	Louise Sandler	Helen Serotte	Alan Stentz
Don Jacobsmeyer	Gary Keller	Amy Lampe	Saundra Lowes	Kathy McGuire	Judy Morrow	Barbara O'Brien	Lindsay Petracek	Becky Rhodes	Pam Seyer	Beth Sankey	John Stephens
Josephine Jacobsmeyer	Deborah Kelly	Bill Lampe	Jennifer Loyet-Schamber	Mary McHugh	Elise Moser	Emma O'Brien	Margaret Petruska	Mary Rich	Krunal Shah	Caroline Sant	Nora Stern
Marie Jaeger	Jean Kelly	Jeremy Lampe	Jennifer Loyet-Schamber	Sage McKinley	Judy Moskoff	Heidi O'Brien	Ann Phelan	Tom Rich	Barbara Santoro	Krity Shang	Ron Stevens
Marika Jakubovska	Marvel Kendall	Paula Lampen	Frank Luechtefeld	Sage McKinley	Chris Mouser	Pat O'Brien	Bruce E. Phillips	Bernadine Richard	Nancy Sauerhoff	Erin Shank	Mildred Stewart
Eric James	Sonya Jo Kendrick	Catherine Lancaster	Kathleen Luepke	Michael McLaughlin	Tom Ochsner	Tom O'Brien	Dorothy Phillips	Lucian Richards	Tabitha Saunders	Lynda Sharpe	Joy Stinger
Mary Kay January	Ben Kennedy	Joyce Landauer	Dustin Lum	Aubrey McMullin	Eva Moutrie	Sue Oertli	Margaret A. Phillips	David Richardson	Ellen Sayers	Karen Shaw	Maria Stocker
Louise Jaques	David Kennedy	Jamie Lane	Katherine Lumetta	Sue McNamara	Brian Mueller	Ronald Oesch	Joi Pickett	Lane Richter	Michael Schade	Patrick Shaw	Maxine Stone
Barbara J. Jarman	Tara Kerby	John Lane	Dee Luo	Patrick McNearney	June Mueller	Jean Ohmer	Kami Pieban	Steffi Richter	Jordan Shelton	Judy Schaljo	Sarah Strandemo
Gene Jarvis	Madelynn Kester	Marilyn Lane	Donna Moeller	Alexandra McNett	Loretta Muessig	Sandy Oliver	Phyllis Pieper	Kim Ridenour	Carol Shepley	Carol Shepley	Agnes Strassner
LaVerne Jaudes	Deborah Kettler	Towenga Lane	MacDonald	Elmer McNulty	JoAnn Muhammad	Ken Olsen	Susan Pinker-Dodd	Lisa Rieman	Richard Schanbacher	Richard Schanbacher	Stewart Strassner
Barbara Jawson	Kati Kiefer	Janet Lange	Tim MacNair	Patrick McNulty	John P. Muller	Sandy Olsen	Robert Pinkowski	Gail Riesenmy	Jacque Scharlott	Sandra Sher	Mary Stratt
Maud Jeanty	Pat Killian	Bonnie Langston	Silvia Madeo	Don McQueen	Elonda Munro	Donna Olson	Kelly Pinney	Heather Rightler	Norma Bonham	Ruth Sherwin	Laura M. Streett
Christine Jeep	Ruth King	Raul Lara	Nadine Mahe	Susan Daniels McQueen	Martine Pirrie	Mary Lou Olson	Jennifer Pirrie	David Riley	Schechter	Kyle Sherwood	Lee Streett
Gail Jendrisak	Don Kinsey	Ann Larson	Mohit Maheshwari	Martin Meagher	Maya Murali	Patrick O'Neil	Madeline Pisani	Melanie Riley	Bonnie Schell	Jackie Shillington	Amanda Strickland
Armella Jenkins	Nancy Kinsey	Arnold F. Larson	Louis Makarewicz	Allyson Medjesky	Michael Muren	Kathy O'Neill	Tamara Pisoni	Melissa Riley	Nancy Schikore	Robert Short	Linda Stritzel
Maureen Jennings	Polly Kinslowe	Donovan Larson	Louis Malin	Vaughn E. Meister	Elizabeth Murney	Mary Alice O'Neill	Alice Poertner	Fredric Rissover	Jerome Schiller	Earl Shreckengast	Betty Struckhoff
Donna Jensen	Carmella Kinstler	Virginia Laschobor	Donna Manco	Albert Melman	Anna Murphy	Berni Oppelt	Ellen Poniewaz	Donald Ritchie	Joe Schilling	Michael Shteyn	Suzanne Struempfl
Janice Jernigans	Jean Kirby	Elizabeth Lavelle	Lisa Manley	Angela Menard	Gale Murphy	Anne Orcutt	Ray Poninski	Heather Ritchie	Joseph P. Schiwingner	Patti Siefert	Linda Strunk
Diane Jiao	Nancy Kirchoff	Ashley Lawrence	Betty Manlin	Nina El Menchavi	Joan Murphy	Anne V. Orth	Kim Pope	Jackie Ritchie	Virginia Schiwingner	Rosalie J. Siefke	Peggy Stuckmeyer
Josephine Jacobsmeyer	Candace Kirkman	Barbara Lawton	Mary Ellen Mann	Patty Mendicino	Laura Murphy	Fred Ortlip	Tony Poppen	Kathryn Rivers	Joyce Schlaker	Diane Siegel	Teresa Stutes
Anita Joggerst	Ray Kirkman	Virginia Lay	Virgil Mann	Anita Merrigano	Luci Murphy	Fred Ortlip	Rhonda Porche-Sorbet	Beth Roberts	Ron Schlappizzi	Ned Siegel	Fanny Suchet
Barbara Johnson	Anne Kirkpatrick	Cara Scandrett	Pam Manning	David Merritt	Rosemary Murphy	Leroy F. Ortmeyer	Rhonda Porche-Sorbet	Dani Roberts	Brandon Schlechter	Robert Siemer	Jodi Sudin
Barbara Johnson	Lauren Kirkwood	Leatherman	Jeanne Margulis	Mary Mertz	Laura Murray	Christina Orty	Carol Portman	Paul Roberts	Charles Schmidt	Evelyn Siwert	Mary Pat Sullivan
Hannah Johnson	Christine Kirmaier	Anna Leavey	Inez Mariani	Peter Mertz	Ryan Ann Mertz	Cathy Osborn	Horatio Potter	Helen Robinson	Christine A. Schmidt	Roy Siewert	Midge Supp-Feldmann
Paul Johnson	Mary Jane Kirtz	Amy LeDeaux	Shirley Marino	Susan Metheny	Susan Metheny	Barbara Ottolini	Joan Powell	Ann R. Robison	Sarah Schmidt	Stephanie Sigala	E. Lynn Suydam
Sara Johnson	Lynn Kiske	Shira LeDeaux	Libby Mark	Jeanne Meurer	Barbara Mutz	Elisabeth Ottolini	Linda Pozza	Linda Robson	Beverly Schmitt	Jessica Silver	Mary Ann Swaine
Veronica Johnson	Mary Klauke	Vee Lee	Kathy Marks-Petetit	Betty Meyer	Barbara Mutz	David Overall	Stephanie Prade	Priscilla Rodriguez	Martha Schmitt	Margaret Silver	Barbara Swanson
Doris Johnston	Jeanne Klebusch	Sandra Marler	Sandra Marler	Betty Meyer	Barbara Mutz	David Overall	Stephanie Prade	Riley Rogan	Thomas Schmitt	Barbara Simon	Norma Swanson
Rick Johnston	Karl J. Kleekamp	Jerry K. Lehman	Cindy Marr	Sandy Meyer	Barbara Mutz	David Overall	Stephanie Prade	Susan Rogers	John Schmitz	Kathy L. Simons	Becky Sweeney
Ruth Jonas	Gerry Klein	Jake Lehmann	Dorothy Martels	Hannah Meyers	Barbara Mutz	David Overall	Stephanie Prade	Herb Rogul	Marie Schmitz	Paul Simpkins	Judy Sweeney
Bredon Jones	Pat Klimushyn	Barbara Lehmier	Carolee Martin	Hannah Meyers	Barbara Mutz	David Overall	Stephanie Prade	Zelda Rogul	Charlotte Schneider	Rob Simpson	Audrey Swinford
Christy Jones	Mary C. Kloeckner	Pat Leigh	Eldon Martin	Claire Meyners	Barbara Mutz	David Overall	Stephanie Prade	Sue Quirk	Kerry Schneider	Ashley Singer	Carol Swink
Dale Jones	Pat Kloster	Frances Leimkuehler	Ellen S. Martin	Renee Nicole Midden	Barbara Mutz	David Overall	Stephanie Prade	Ryan Quitmeyer	Lois Schoech	Bishopre Kermu Sinya	Suzanne Switzer
Ellen Jones	Peggy Knippel	Betty LeMatty	Sarah E. Martin	Amy Miesner	Barbara Mutz	David Overall	Stephanie Prade	Richard J. Pandorf	Joyce E. Schoeneberg	Irma Sissin	Abdallahi Sy
Patricia Jones	Joyce Knobbe	Don Lemp	S. Edna Martini	Arlene Miller	Barbara Mutz	David Overall	Stephanie Prade	Mary Lee Pankoff	Larry Schoenehoefer	Joanna Skwiot	Donald Szwabo
Peg Jones	Karen Koehneman	Janet Lemp	Mary Marx	Eric Miller	Barbara Mutz	David Overall	Stephanie Prade	Jason Papke	Sue Schoening	Lynn Slackman	Warren Tabachik
Nicole Jordan	Lynn Koeneman	Carol Lentz	Jim Massey	Gerald Miller	Barbara Mutz	David Overall	Stephanie Prade	Shirley Parisi	Ronda Schomburg	Sue Slivka	Patricia Taillon-Miller
Angeline Jovanovic	Cynthia Koenig	William Lenz, Jr.	Betty Mathes	Gerald Miller	Barbara Mutz	David Overall	Stephanie Prade	Jen Parker	Paul E. Schorr	Mary Smidt	Anthony Tainter
Pat Jovanovic	Linda Meckfessel Koenig	Gustavo Leon	Audrey Mathews	John Miller	Barbara Mutz	David Overall	Stephanie Prade	Nancy Parker	Barbara Schrader	Barbara Smith	Jennifer Tamayo

## OUR VOLUNTEERS

continued

Nathan Tan  
Ann Tansey  
Barbara Tariq  
Monica Taylor  
Liz Teasdale  
Richard Telman  
James Teng  
Harold G. Tennyson  
Paivi Tetri  
Ameet Thaker  
Laura Thal  
Stephanie Thau  
Brooke Thibodaux  
Claire Thibodaux  
Beverly Thiele  
Garnet A. Thies  
Jeanne Thoma  
Jan Thomas  
Jo Ann Thomas  
Julie Thomas  
Linda Thomas  
Fred Thomas, II  
Nancy Thompson  
Steve Thompson  
Robert Thornberry  
Anna M Thornhill  
Laverne Thurmond  
Audrey Ting  
Sammie Tippit  
Ann Tobben  
Charlie Toben  
Barbara Tonkyn  
Betty Tonneas  
Terrie Tonneas  
Marlene Toth  
Claire Tourjee  
Lila Traeger  
Julie Trang  
Paul D. Travers  
Joan Troeh  
Jean Truglio  
Jane Tschudy  
Marlene Tucholski  
Jack Tucker  
Zach Tucker  
Madeleine Tufts  
Larry Turner  
Marjorie Gwynn Turner  
Mary Turner  
Jean Turney  
Ann Tuxbury  
James H. Tuxbury  
Barbara Uhl  
Christine Umbright  
Riley Underwood  
Kate Upshur  
Darla Urbina  
Marianne Vahlkamp  
Shirley Valentino  
Dea Vallina  
Norma S. Vance  
Robert Vander Linden  
Roberto Vasquez  
Kathy Vellios  
Richard L. Viola  
Mary Carol Voelker  
Robert M. Voelker  
Carole Vohsen

Carly Voloto  
Dorotte Von Malapert  
Debbi Voss  
Bob Waelttermann  
Helen Walck  
Patricia A. Waling  
Donna Walker  
Leigh Walker  
Liz Walker  
Leslie P. Wallace  
Nancy Wallace  
Andrew Walli  
Elizabeth Wallis  
Huber Walsh  
Miles Walz-Salvador  
Sharon Ward  
Marti Warhurst  
Wallis Warren  
Norbert Wasileski  
Hannah Waterhouse  
Richard Watson  
Timothy Watt  
Judy Watters  
Audrey Wattler  
Linda Waugh  
Kristin Wayman  
Margaret A. Wayne  
Robert Weaver  
Phyllis Weber  
Anne Weidmann  
Janice Weil  
Paul Weiland  
Ginger Weinell  
Robert Weinman  
Rachel Weisbrich  
Irene Weisenhorn  
Jackie Weiss  
Sharon A. Weissmann  
Payden Welker  
Carol Wellman  
Jim Wellman  
Linn Wells  
Rickey Wells  
Patricia Wemhoener  
Mary Clair Wenger  
Marion Werner  
Jennifer Wesley  
Norbert Wesley  
Laila Wessel  
Kenneth R. Wheat  
Kyle Wheeler  
Steve Whitcraft  
Kevin White  
Susan White  
Debbie Whitehead  
Cheryl Whiting  
Randy L. Whitman  
Suzanne Whitman  
Patricia Whitmore  
Linda Whitten  
Pamela Wickard  
Edward Widmer  
Carl Wienold  
Wilma Wienold  
Pam Wilcox  
Gail Wilkerson  
Robyn Wilkerson  
Jean Wilkinson

Nancy Willard  
Sandra Willems  
Caitlin Williams  
Dovia Williams  
Joan Williams  
John Williams  
Nancy Williams  
Norma Williams  
Patrick Williams  
Rose Williams  
Janet Williamson  
Alma Willis  
Carolyn Willmore  
Diana Willson  
Carol Wilson  
Joyce Wilson  
Matt Wind  
Patricia Winkelmann  
Margaret Winter  
Sarah V. Winter  
Carolyn A. Wirth  
Diane M. Woepke  
Dennis Wodum  
David Wolfersberger  
Doug Wolter  
Lise Herren  
Sheila Hoffmeister  
Bridget Woodfork  
Anne Woodhouse  
Brandon Woods  
Martha Woodward  
Devante Wooten  
Elizabeth Worley  
Arianne Wright  
Julie Wrocklage  
Marian Wuest  
Christy Wyatt  
Jacqueline Yap  
Anita K. Yeager  
Bob Yeats  
Judi Yemm  
Hilaire Yoder  
Kim Yoon-oh  
Wendy You  
Christina Young  
Jim Young  
Kathy Young  
Richard Young  
Vicky Youssef  
Alex Yuan  
Stacy Zamsky  
Nancy Zander  
Richard H. Zander  
Barb Zappulla  
Vctor Zarrilli  
Anastasia Zelenova  
Nathan Zenser  
Donna Zerega  
Jason Zhang  
Andrew Zheng  
Leon Zickrick  
Cheryl Ziegelmeier  
William Ziegenbein  
Kevin Zimmer  
Annie Zuo  
Linda Zurfluh

\* deceased



Members' Board Executive Committee

## THE MEMBERS' BOARD

Carol Squires,  
*President*

Ted Atwood  
Terry Beachy  
Ann Case  
Andrea Craig  
Suzanne Deutschmann  
Kathleen Dudley  
Angie Eckert  
Linda Finerty  
Phyllis Fresta  
Susan Gelman  
Patty Heim  
Lise Herren  
Sheila Hoffmeister  
Laure Hullverson  
Patty Keck  
Nancy Keefer  
Becky Kridel  
Paula Lampen  
Janet Lange  
Silvia Madeo

Ellen Martin  
Parker McMillan  
Jacquelin Naunheim  
Vickie Newton  
Terry Rassieur  
Mary Rummy  
Lucy Ryan  
Beth Sankey  
Joan Sheppard  
Anne Weidmann

**Ex officio Members**  
Tower Grove House  
Auxiliary:  
Jean Crowder  
Tower Grove House  
Historical  
Committee:  
Marie Schmitz

### Ex officio

### Members

Tower Grove House  
Auxiliary:  
Jean Crowder  
Tower Grove House  
Historical  
Committee:  
Marie Schmitz

### Ex officio

Tower Grove House  
Auxiliary:  
Jean Crowder  
Tower Grove House  
Historical  
Committee:  
Marie Schmitz

### Past Presidents

Mary Ella Alfring  
Ann Bowen  
Ellen Dubinsky  
Ellen Jones  
Mary Longrais  
Isabelle Morris  
Sue Oertli  
Sue Rapp  
Marsha Rusnack  
Nancy Sauerhoff  
Susie Schulte  
Nora Stern  
Liz Teasdale  
Jane Tschudy

### Garden Docents

Leslie Clark  
Dan Gravens

## ZOO-MUSEUM DISTRICT

The Metropolitan Zoological Park and Museum District (ZMD) is a tax-supported cultural district governed by an eight-member board of directors, each appointed for a four-year term by the Mayor of the City of St. Louis and by the St. Louis County Executive.

Frankie M. Freeman, *chair*  
Donna G. Knight, *vice chair*  
Joyce L. Margulis, *assistant secretary*  
Kay Marshall  
Adrienne Morgan, *immediate past chair*  
Robert A. Powell, *treasurer*  
Ben Uchitelle  
David Weber, *secretary*  
J. Patrick Dougherty, *executive director*  
Sharon L. Wilcutt, *deputy director*

## BOTANICAL GARDEN SUBDISTRICT

The ZMD levies an annual tax on property on behalf of five subdistricts, including the Botanical Garden Subdistrict. The subdistrict contracts with the Garden to provide botanical services.

Antoinette Bailey  
Theresa Loveless, *chair*  
Robert H. Orchard  
Martin Schweig  
Pamela Shephard

Walter G. Stern  
Charles A. Stewart, Jr., *secretary*  
Marjorie M. Weir, *vice chair*  
Roy Jerome Williams, Sr.  
Hillary B. Zimmerman, *treasurer*

**Non-voting advisory members:**  
Willie J. Meadows  
Janice M. Nelson  
James H. Yemm

## NEWS OF NOTE...



Dr. Thomas E. Lovejoy receives medal from Dr. Peter Raven.

## HENRY SHAW MEDAL

Awarded since 1893 and named for the Garden's founder, the Henry Shaw Medal honors those who have made a significant contribution to the Missouri Botanical Garden, botanical research, horticulture, conservation, or the museum community. In 2008, the Garden honored Dr. Thomas E. Lovejoy, President of the H. John Heinz III Center for Science, Economics, and the Environment, for his work on the interaction between climate change and biodiversity for over 20 years.

## HONORED FOR 50 YEARS

Trustee Warren McKinley Shapleigh was honored in 2008 for 50 years of service, the longest serving trustee in Garden history. An emeritus trustee today, Shapleigh has dedicated himself to the Garden during a remarkable period of change and growth. When he joined the board in 1958, the Climatron® did not



Warren Shapleigh

yet exist and Dwight D. Eisenhower was president of the United States. Shapleigh chaired the trustee committee that selected Dr. Peter H. Raven as Garden director in 1971. He has made possible a variety of features, including the Shapleigh Memorial Fountain, the Kercheval Fountain, a viewing area in the Margaret Grigg Nanjing Friendship Chinese Garden, and the land on which the Monsanto Center is located.

## GREENSFELDER MEDAL

The Garden awarded the 2008 Greensfelder Medal to Dr. Brent Elliott, librarian and archivist at the Royal Horticultural Society Lindley Library in London. The Albert P. and Blanche Y. Greensfelder Medal was established in 1980. It honors individuals who have made significant contributions to landscape, garden, and park planning, and design for urban improvement. Dr. Elliott is a renowned authority on Victorian gardens. He collaborated on the landscape design and interpretation of the new Victorian District.



Dr. Brent Elliott

## WILLIAM L. BROWN AWARD

The William L. Brown Center awarded the William L. Brown Award for Excellence in 2008 to Dr. Nancy Turner of the University of Victoria in British Columbia, Canada. Dr. Turner is an ethnobotanist who has devoted her career to the study and preservation of native North American plant genetic resources, especially those of the indigenous peoples of the northwest. The Garden's William L. Brown Center presents the award biannually. The award is made possible through a generous endowment from the Sehgal Family Foundation, in cooperation with the family of Dr. William L. Brown.



Dr. Nancy Turner

## MULTIPLE AWARDS FOR GARDEN'S PRESIDENT

Described by *Time* magazine as a "Hero for the Planet," Dr. Peter H. Raven champions research around the globe to preserve endangered plants and is an advocate for building a sustainable environment. Dr. Raven has been president of the Garden since 1971 and during this time has won many prizes and awards, including the National Medal of Science. In 2008, he received several major national and international awards.

The BBVA Foundation gave the Award for Scientific Research in Ecology and Conservation Biology to Dr. Raven and co-recipient Harold Mooney, professor of Environmental Biology at Stanford University. The award, which carries a \$750,000 prize, was granted to Raven and Mooney because they "lead the world in seeking ways to prevent biodiversity loss."

The Botanical Research Institute of Texas in Fort Worth presented its 2008 International Award of Excellence in Conservation to Dr. Raven because "he champions research around the world to preserve endangered plants and animals."

The Arbor Day Foundation awarded the J. Sterling Morton Award, the highest individual honor given by the foundation, to Dr. Raven for his "commitment to preserving trees and the natural world, which has inspired generations of conservationists around the world."

The National Geographic Board of Trustees appointed Dr. Raven to the board, commenting, "National Geographic is fortunate to have the additional counsel and experience of Peter Raven, who has an impressive record of leadership and service in conservation."

# GARDEN BY THE NUMBERS

Year ended December 31, 2008

## Visitors

Attendance at all locations: 961,490  
Highest daily annual attendance: 18,855 on Sunday, August 31, Japanese Festival  
Highest non-event-related attendance: 5,470 on Sunday, April 20, Earth Day weekend  
Lowest non-event-related attendance: 12 on Tuesday, March 4, an unusually cold and wet day

## Members

Members: 37,373  
Upper-level members: 539  
Total number of member visits: 253,765  
Members who renew each year: 76%

## Personnel

Number of volunteers: 1,788  
Number of hours contributed in 2008: 135,689  
Number of equivalent full-time staff: 70

## Communications

News items about the Garden in the media: 5,232 in 46 states and 10 countries  
Number of unique online visitors: 4.4 million (increase in 2008: 22 percent)  
People receiving e-newsletters and updates: 40,344 (increase in 2008: 55 percent)  
Percentage of fundraising via website: 11 percent (increase in 2008: 4 percent)

## Education

Students participating in Garden programs: 93,505  
Visitors who experience on-site drop-in education: 91,635  
Teachers supported through workshops, field experiences, and education resources: 2,536  
Student visits to the Commerce Bank Center for Science Education: 4,239  
Seniors, special-needs children, and others helped through Horticulture Therapy: 4,493  
Student visitors to the Dana Brown Overnight Center: 2,544  
Doris I. Schnuck Children's Garden attendance: 101,721 (increase in 2008: 87 percent)  
Tower Grove House attendance: 42,516 (increase in 2008: 25 percent)

## Home Gardening

Visitors to the Kemper Center for Home Gardening: 154,075  
Adult Education: 2,014 people enrolled in 194 classes  
Plastic pot recycling: 5,000 participants recycled 158,000 pounds  
Master Gardeners: 262 volunteered 29,472 hours  
Plant Doctor Service: 8,077 clients presented 15,148 questions  
Calls to Horticulture Answer Service: 14,015  
GardeningHelp unique web visitors: 2.17 million  
Online email gardening questions answered: 3,200

## Horticulture Displays

Total accessions: 30,526  
New accessions in 2008: 2,015  
Total taxa/unique types of plants: 16,018  
Total trees on grounds: 5,369 (1,108 taxa)  
New trees in 2008: 170  
Unique types of Missouri native trees on grounds: 102  
Unique types of daffodils: 736  
Unique types of daylilies: 1,851  
Unique types of irises: 1,318  
Unique types of lilies: 156  
Seasonal bedding plants: 170,000  
Hanging baskets produced: 250  
Pounds of grass seed: 4,000  
Acres of turf at the Garden: 30

## Science & Conservation

Ph.D. researchers at the Garden: 46  
Researchers did fieldwork in 36 countries on 6 continents.  
Graduate students at the Garden: 22 students from 10 different countries  
Degrees awarded: 3 Ph.D. and 1 Master's  
Students did fieldwork in 14 countries including Russia, Colombia, and Madagascar.  
Specimens in Herbarium: 6,063,286 (new in 2008: 83,423)  
Tropicos™ online herbarium records: 3,695,733 (new in 2008: 184,651)  
Books in the Library: over 200,000 (new in 2008: 1,592)  
Journal subscriptions in the Library: over 800  
Reference queries answered: 1,526  
Interlibrary loans: over 800 supplied to 22 countries  
Rare books: approximately 6,550 printed before 1830  
Rare books digitized and placed online: 908 for a total of 2,550 volumes  
Books published by MBG Press: 11 (and 2 quarterly journals)

# THE MANAGEMENT TEAM



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Photo by Heather Marie Osborn.

Photography: Dr. Patricia Raven, Kristi Foster, Josh Monken, Brian Mueller, Heather Marie Osborn, Leslie Wallace, Erin Whitson, and Diane Wilson.

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