



VOLUME 27 , ISSUE 2

MAR/APR 2004

## UNPS LIFETIME MEMBER UPDATE

By Tony Frates

**Dave Wallace, Susan Meyer/Bitsy Schultz, Winnie Washburn and Ann O'Connell** joined the ranks of UNPS lifetime members and became our 12th thru 15th UNPS lifetime members and as UNPS concluded celebrating our 25th year as advocates for Utah native plants. Thank you Dave, Susan and Bitsy, Winnie and Ann! In all we had nine new lifetime members in 2003. Thanks again to everyone who joined as lifetime members (and the many of you who renewed or became new members in 2003).

Our real work is now just beginning as we start the next 25 years.

Consider joining the growing ranks of lifetime Utah native plant advocates (see the January/February 2003 newsletter for all of the reasons why).

To become a lifetime member, you can send a check for \$250 to: Utah Native Plant Society, P.O. Box 520041, Salt Lake City UT 84152-0041 or go to our web site at [www.unps.org](http://www.unps.org) and click on Store and then Membership (Renewal or New) Application and scroll down to "Lifetime" and click on the Add to Cart button.



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## Report to the Members of Utah Native Plant Society

By Susan Garvin, President

The Board of Directors of UNPS met on February 7 to organize for this year. We meet approximately 6 times a year to conduct the business of the organization. New officers were elected; the results can be viewed on the last page of the *Sego Lily*.

UNPS was formed 25 years ago. Details of our organization can be seen on our website <http://www.unps.org/> on the [Home](#) page and the [About](#) page. In the early days the Society was strongly conservation-oriented, and that is still the case today. The organization used to be based closely around Salt Lake City, and that has changed in recent years.

In the last few years UNPS has added 7 new chapters around the state, with the newest chapter just organized by Winnie Washburn in Escalante with 32 members. The other new chapters are based in Utah Valley, Cache County, Price, Moab, Vernal, and Washington County. The energy for development of these new chapters came largely from the growing appreciation and need for native plant horticulture. We have sponsored Heritage Gardens (see Programs page on the website) and introduced propagation workshops statewide under the leadership of Susan Meyer, our horticulture chair.

We have continued our strong conservation heritage by publishing the web version of the Utah Rare Plant Guide (see <http://www.utahrareplants.org/rpg.html>) organized and overseen by our extraordinary webmaster Tony Frates. We have reinitiated and sponsored Utah Rare Plant Meetings jointly with Red Butte Gardens for several years. And we have continued to join with other conservation organizations to protect endangered plant species around the state, with particular emphasis on the impacts of the proposed highway from Hurricane to south of St. George on several sensitive plant species (see details on our Committees page, under Conservation, News).

We have an active Education committee (but need a new chairperson), working on collecting materials suitable for teachers and other educators to use. We have an active Invasive Species committee, engaged in weed warrior activities and formation of Cooperative Weed Management Areas to join in the battle against alien weed species, which are a major threat to many, if not all, of our native plant committees. And we continue to publish the *Sego Lily*, edited by our new volunteer coordinator Paula Longhurst, every two months to try to keep you in the loop on our activities.

These activities are overseen at the state level of UNPS. In addition many of our chapters are actively pursuing some of the same goals at the local level.

It's clear we are a dynamic and growing organization. But we are definitely having growing pains! The formation of far-flung chapters has changed the organization in a very healthy way, and we are trying to change our management of it to foster this new growth. We welcome your input and most of all your participation in UNPS. All chapter presidents have a vote on the Board of Directors. We recognize that distance complicates the transaction of business and are busily trying to adapt our policies to the age of technology, so input from outlying chapters can be effectively considered in the actions of the Board.

And we find that we need your help in this effort. At present we need a **secretary** to effectively conduct business. Our **treasurer** Ben Franklin has faithfully served in this office for many years and deserves to pass this duty on to someone new.

Our **membership chair** for the last several years, Abby Moore, will be moving this summer and we need someone willing to take over her job. We need an **education chairperson** to coordinate the collection and distribution of materials as we design or adapt educational resources related to our mission. We need a **communications chairperson(s)** to coordinate publicity of Society-sponsored events, increase the visibility of native plant issues, and oversee the publication of the *Sego Lily*. We need **Guardian Angels** for many of our Heritage Gardens, to oversee the maintenance of each garden. And we need help with **fund raising** to promote our goals. We would like to hold a State Field Trip in the vicinity of one of our outlying chapters if we could find someone to organize that activity. There are occasional times when we would welcome the donation of advice from a lawyer amongst our members. And articles pertinent to our goals for publication in the *Sego Lily* are always welcome from members.

There are many other projects we could and would undertake if some of our members would like to spearhead them.

If you would like to become more actively involved in UNPS, either at the chapter or local level, with any of the needs I have discussed, or others I haven't thought of, please contact us at [unps@unps.org](mailto:unps@unps.org) or Utah Native Plant Society, P. O. Box 520041, Salt Lake City, UT 84152-0041; we will put you in touch with the correct contact person. I am the president of the Society for this year, entrusted with carrying out operations between board meetings, with a lot of help from fellow board members; please feel free to contact me at [utahweedwarrior@hotmail.com](mailto:utahweedwarrior@hotmail.com) or at my work phone 801-356-5108.

## Alert! Rock Canyon in Danger (January 2004)

By Susan Garvin, Utah Valley Chapter

Rock Canyon, home of Rock Canyon Trailhead Park and one of our UNPS Heritage Gardens, as well as the UNPS-sponsored Rock Canyon Restoration, is being threatened by a quarry for landscaping rock on private land near the canyon mouth. Quarrying activity has already begun, with dumptrucks and heavy machinery backing to within two feet of hikers on the canyon trail.

UNPS volunteers, along with cooperators from BYU, Provo City, and the U.S. Forest Service, have spent thousands of hours and dollars helping to restore Rock Canyon, a unique and cherished scenic and recreation area located on the east side of Provo near the Provo Temple. The Utah Valley Chapter of UNPS has agreed to assist in the effort to block the quarry. For information about UNPS activities in Rock Canyon see <http://www.unps.org/PAGES/Rock%20Canyon%20HG.html>

Rock quarrying activities will cross Forest Service and Provo City Parks land. By law the Forest Service cannot deny access to private land but can set reasonable conditions for access if National Forest System Land is impacted. Several sensitive species are known to occur within Rock Canyon and may be impacted by the proposed mining activity including a small shrub called Wasatch Jamesia (*Jamesia americana var macrocalyx*), and two listed bat species (Townsend's big-eared bat, *Plecotus townsendii* and Spotted bat, *Euderma maculatum*). See more information about these bats at this very nice website, <http://www.batcon.org/discover/species/usspecies.html> Peregrine falcons have also been reported in Rock Canyon but may have been driven off by eagles in recent years.

The owner must obtain mining permits from several jurisdictions, including the State of Utah, to proceed with mining activity. The City of Provo and Utah County have no mining laws in effect and may not simply stop excavation but may impose zoning restrictions on the

quarry operations. Uinta National Forest land surrounds the quarry site, and much of it lies within the city limits of Provo. The only access road is an asphalt roadway leading down the canyon right through the Trailhead Park, and part of the heavily used trail. The Bonneville Shoreline Trail also crosses Rock Canyon a short distance below the proposed quarry.

The Rock Canyon Alliance, which organized to protect Rock Canyon about 15 years ago from other development threats and spearheaded the formation of the Trailhead Park, have been reorganized under the leadership of several Provo residents to help find a solution. Informational flyers are circulating around Provo, and the Alliance is organizing neighborhood meetings to inform residents and raise money. Their efforts are aimed at ensuring regulatory compliance by the excavators and working with government agencies to encourage treatment of Rock Canyon consistent with similar lands in other parts of the country. Their ultimate goal is to turn the private property to public ownership for the preservation of native species, aesthetic values, and recreational use. Negotiations by the City of Provo and the U.S. Forest Service to purchase the piece of private land, owned by Richard Gray, broke down a few years ago. By law the Forest Service cannot buy or trade a piece of land for more than its assessed value.

The Alliance needs to raise about \$15,000 to cover the expenses of this effort. For more details, instructions on tax-deductible donations for this cause, and press coverage of the effort to save Rock Canyon from destruction see their webpage at <http://rockcanyonalliance.org/>

The Alliance also needs volunteer help circulating information, organizing meetings, and publicizing their efforts. Please contact DeAnn Wright at [<rockcanyonalliance@hotmail.com>](mailto:rockcanyonalliance@hotmail.com) or 801-373-2244 if you can help.

Utah Native Plant Society Board Meeting  
Saturday March, 20, 2004 Starting at 11.00am  
Location: 2931 Tolcate Lane, Holladay, UT, 84121



## Chapter News and Events

### Utah Valley Chapter Invites You On a Train Ride!

The Utah Valley chapter is sponsoring a custom ride on the Heber Creeper. Any UNPS member and family or friends is invited to participate. The train travels from Vivian Park in Provo Canyon to Heber City and back again. We have made arrangements for the train to let us off for a botany side trip in a pre-selected site on the route. Then the train will pick us up on a return trip. See the railroad internet site at <http://www.hebervalleyrr.org/> for more details.

The trip will be held on a Saturday in early to mid June, hopefully at the peak of wildflower bloom for that elevation. Our chapter has agreed to help the Heber Valley Railroad develop a plant list for the route; our group will receive a discount from advertised prices based on the size of the group we bring.

If you are interested in joining us, please contact Celeste Kennard in Provo at 801-377-5918 or [celeste@byu.edu](mailto:celeste@byu.edu) by **March 22** so we can finalize the arrangements. Please let her know approximate number of interested parties in your group and give her contact information. Details of date, price and schedule will be posted by the end of March on our website, <http://www.unps.org> under Chapters, Utah Valley.

### **New Propagation Workshop Added.**

Weds. March 24, 2-4 pm , Suite 211 Historic Courthouse, 51 S. University Ave.

Provo

Contact Julia Tuck, 377-8084 to register.

Below is a list of the other propagation workshops available, remember to mention you are a UNPS member and ask for the \$5.00 discount.

#### **Salt Lake County**

March 6, Saturday. 1PM - 4PM. 3540 S Market St (2820 W), West Valley City.

March 10, Wednesday. 6PM - 9PM. Sandy City's Lone Peak Pavilion, 700 E 10140 S, Sandy.

#### **Cache County:**

March 6, Saturday. 9AM - 11AM. USU Teaching Greenhouse, Logan.

March 10, Wednesday. 6PM - 8PM. USU Teaching Greenhouse, Logan.

#### **Thanksgiving Garden Visitor Center:**

March 13, Saturday. 9AM - 11AM. Garden Center classroom.

#### **Davis County:**

March 13, Saturday. 9AM - 11AM. Utah Botanical Center.

#### **To Register**

Salt Lake: 801-468-3179;  
Davis: 801-451-3204;  
Thanksgiving Point: 801-768-7443;  
Cache Co.: 435-752-6263.

## **Congratulations to Long Time UNPS Member Abby Moore!**

By Susan Meyer

Congratulations to Abby Moore on the publication of her undergraduate research work with Lynn Bohs at the University of Utah as a peer-reviewed journal article in the November 2003 issue of the American Journal of Botany. Abby's paper, entitled 'An ITS Phylogeny of *Balsamorhiza* and *Wyethia* (Asteraceae: Heliantheae)', represents the culmination of many years of interest in this fascinating group of native plants. We knew she was committed to this cause even when she was in high school—her handle at hotmail.com for years was---Balsamorhiza. And, as frosting on the cake, the cover of the American Journal of Botany November 2003 issue was graced by a full-page color photo of a hillside up Red Butte Canyon featuring her favorite plants in full bloom. Hey, we always knew this kid was going to amount to something in the Botany World! Way to go, Abby! I understand that Abby is going to give us a full report of this work in an upcoming issue of the Sege Lily.

## **Southern Utah Chapter Stalwart Rebecca Fawson Receives USEE Award**

By Susan Meyer

Third grade teacher Rebecca Fawson was recently honored by USEE (Utah Society for Environmental Education) with their Volunteer of the Year award for her work on the Dixie National Forest. In addition to supervising innumerable Eagle Scout trail-building activities over the years, Rebecca is primarily responsible for the development of two very special projects on the forest. The first project is the Equestrian Interpretive Trail near the town of Pine Valley, installed a couple of years ago and reported on earlier by Rebecca in a Sege Lily article.

The second project is the Children's Forest at the historic charcoal kiln on the Oak Grove Road above Leeds. Rebecca has jogged or walked the Oak Grove Road just about every morning of her adult life, and knows the area intimately. The Children's Forest at the Kiln is part of a Forest Service-wide system of Children's Forests, and is also designated as a Utah Heritage Garden in the UNPS demonstration garden program. It integrates charming signage produced by Rebecca's third grade students at Three Falls Elementary in nearby Hurricane with a short loop trail and a longer trail to the historic kiln. Rebecca has augmented the plants that grow along the kiln trail with container produced plants grown from locally collected seeds, and has lovingly hand-watered them through the drought. The Forest Service is so impressed with this project that they plan to have their national environmental education meeting in St. George this spring, so that they can feature a visit to the Children's Forest at the Kiln.

Signage for both projects was designed by Utah Valley Chapter member Bitsy Schultz and printed on the outdoor-durable vinyl sign maker that the chapter purchased a few years ago. We plan to post electronic versions of the signage for both these projects to the UNPS website soon, so that more people can enjoy them and find inspiration for their own educational signage projects.

Rebecca is also the primary motive force behind a very fine Utah Heritage Garden at her school. She is a true Utah native plant aficionado and has single-handedly done a great deal to raise local consciousness on native plant issues. She deserves our heartfelt thanks for her continuing efforts. Congratulations, Rebecca!



**Volunteer of the Year award winner Rebecca Fawson**

**UNPS co-sponsors March 4th waterwise lecture**

UNPS is a co-sponsor of a March 4 lecture entitled "Lots of Color with Less Water, Gardening with Waterwise Perennials. The speaker will be David Salman owner of High Country Gardens. The lecture will take place from 7-9 pm at Red Butte Gardens and the cost for UNPS members is \$5- paid at the door.

For more information go to:

[http://www.redbuttegarden.org/Calendar/?c=Special\\_Lectures#colorlesswater](http://www.redbuttegarden.org/Calendar/?c=Special_Lectures#colorlesswater)

**Announcing the**  
**Fourth**  
**Southwestern Rare and Endangered**  
**Plant Conference**  
**March 22-25, 2004**

*Corbett Center, New Mexico State University*  
*Las Cruces, New Mexico*

**For more information or to register go to**

<http://nmrareplants.unm.edu/conference/announce.htm>

or

<http://nmrareplants.unm.edu/conference/registration.htm>

**New Utah Rare Plant Guide URL:**

The rare plant guide has a new web address, [www.utahrareplants.org](http://www.utahrareplants.org).

This is simply a sister UNPS web site. We ran out of space at our main site that is donated to us by Xmission and in order to handle the space for all of the images, it seemed best to provide it with a separate home. UNPS however continues to be the host for the guide. Work in fact related to 2003 grants is being wrapped up and the guide has been frequently updated in early 2004.

### **UNPS offers Flora ID expert identification CD's**

UNPS is pleased to offer to offer two CD's produced by Flora ID Northwest, LLC Interactive Plant Keys and Color Photos for Utah and Interactive Plant Keys and Color Photos for the Pacific Northwest (which includes Utah).

These CD's undertake the ambitious task of allowing for identification of all native and naturalized species in various states (over 3000 in Utah alone) through a series of user-specified attributes and does away with the rigidity of a dichotomous key.

The CD's should be a welcome addition in the hands of teachers, nature lovers and scientists/botanists alike.

For more information go to our Store page ([www.unps.org](http://www.unps.org) and then click on Store) and click on the title or picture link for more details about the CD's.

### **UNPS offers Penstemon CD**

UNPS is pleased to offer William Gray's second CD, Penstemons: a Photographic guide. Mr. Gray is also the author of Cyberflora: Plants of the Central Wasatch Front and a resident of Salt Lake City (and UNPS member!).

Penstemons only occur in North America, a number of which are found in Utah. For more information go to our Store page ([www.unps.org](http://www.unps.org) and the click on Store) and click on the title or picture link for more details about the CD and a review.

### **A Utah Flora update available !**

The third edition of A Utah Flora became available in January of this year. This is the much awaited update to the 1993 edition by Welsh, Atwood et al.

While not at press time available "on-line" from any source that we are aware of, the book can be ordered from the Monte L. Bean Museum of Life Science. The cost is \$85 (plus there may be a shipping charge). Call 801-422-5052 to order.

### ***Draba burkei* published:**

A paper by Michael Windham, curator of the Garrett Herbarium, has been published in **Madrono** officially naming this rare Utah native which is endemic to the Wellsville Mountains and northern Wasatch Range of northern Utah in Box Elder, Cache, and Weber Counties.

## Trips

### **Wildflowers of Mongolia with Red Butte Garden June 19 to July 5, 2004**

Journey with Red Butte Garden through the wildlands of Mongolia, and experience summer in a remote region of Asia that still lives to the heartbeat of natural and traditional rhythms. We'll roam verdant river valleys, the shores of crystal-blue lakes, explore a Buddhist monastery and overnight in comfortable yurt camps.



The ten-day wildflower trip, led by Professor Ganbold Enebish of the Institute for Botany at the Mongolian Academy of Sciences, is complemented by a menu of four six-day extensions, which offers you a choice among visiting the Kazakh eagle-hunters of the western Altai Mountains; the Tsaatan, "Reindeer People," of the Lake Khovsgol region; the great dunes and canyons of the Gobi Desert; or to fly fish along the Kherlen, Mongolia's longest river.

For those who are passionate about wildflowers, bird-watching, traditional cultures, and immersion in pristine wilderness, this is an exceptional opportunity to encounter the fascinating diversity of Mongolia.

Travel options include 12 and 17 day "Wildflowers of Mongolia" packages starting at \$3,300, including international airfare from Salt Lake City.

To find out more, call Snow Lion Expeditions at 1-800-525-8735 or visit [www.snowlion.com](http://www.snowlion.com).

### **Native Plants and Birds of Peru in the Andes and the Amazon Aug. 31st- Sept 15th with an extension to Lake Titicaca to the 19th**



Peru is a country of amazing geological and biological diversity. On this educational adventure to Peru we will explore the native plants of the Peruvian Andes and Amazon. Walking with scientists, professors and tribal people we will explore some of the ecological zones, agricultural crops, medicinal plants and traditional uses of Peru's native Plants.

For more info. go to: [http://www.crookedtrails.com/peru\\_nativeplants.htm](http://www.crookedtrails.com/peru_nativeplants.htm)

## Workshops

Workshops sponsored by the Intermountain Herbarium and Utah Native Plant Society

### GRASSES 2

A workshop on grasses will be held in the Intermountain Herbarium (below Junction Cafeteria, USU Campus) on Friday, March 5, from 9 am to 4 pm (with some time for lunch) and again on Saturday, March 13. The workshop will be led by Mary Barkworth

**Topics include :** Grasses, grass structures, common genera, some keying, including use of an interactive key

**Cost:** \$20 for UNPS members; \$25 for non-members.

There is a maximum limit of 20 people and registration has already started.

### SEDGES

Sherel Goodrich, coauthor of the "Field Guide to Intermountain Sedges," has kindly agreed to offer a workshop on sedges at Utah State University on Saturday, March 27 from 9 am to 4 pm with an hour for lunch. This workshop will be held in Geology 301 - the building south of the University inn.

**Registration** \$15 for UNPS members, \$20 for non-members, handouts - \$15

### INTRODUCTION TO MUSHROOMS

Michael Piep will offer his introduction to mushrooms over two meetings the first is on Friday, May 14 from 6 - 9pm in the herbarium.

During the first workshop meeting, you will learn basic fungal facts and collection tips. You will also have an opportunity to practice identifying fungi with the help of a local expert.

You can test these identification skills during the second meeting, Saturday, May 15 from 9 - 3pm (later if required) where you will go on a field excursion to a local canyon. You will collect fungi with the instructor who will show you how to find the vast array of local species. It is suggested that you bring the following items,

Water and lunch, Paper bags for collecting specimens, Field guide, Notebook, Digging implement, Pocket knife, Magnifying glass, Camera

**Costs** – \$20 for UNPS or BMS members, \$25 for non-members, this cost includes handouts.

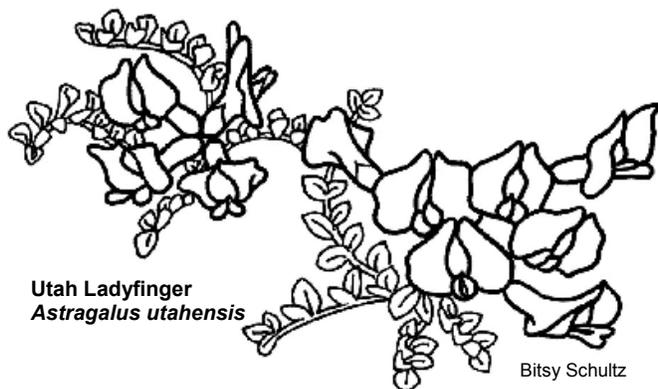
**Registration** begins Thursday, April 1st

For information on these and upcoming trips go to <http://herbarium.usu.edu/>

Please note all of the workshops are booked on a first-come, first-served basis so if you are interested in any of the above, don't leave it too late to book!

UNPS  
Utah Native Plant Society  
P.O. Box 520041  
Salt Lake City, UT 84152-0041

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327



Utah Ladyfinger  
*Astragalus utahensis*

Bitsy Schultz

## Utah Native Plant Society Membership and Information

New Member     Renewal     Gift

Name: \_\_\_\_\_  
Street: \_\_\_\_\_  
City/State: \_\_\_\_\_  
Zip: \_\_\_\_\_ Phone \_\_\_\_\_  
Email: \_\_\_\_\_

For more information about the  
Utah Native Plant Society call:

Bill King: 582-0432  
Susan Garvin: 356-5108  
Or write to: [unps@unps.org](mailto:unps@unps.org)

UTAH NATIVE PLANT SOCIETY

President: Susan Garvin  
President Elect: Mindy Wheeler  
Chairmen: Larry Meyer/Dave Wallace  
Treasurer: Ben Franklin  
Secretary:  
Newsletter Editor: Paula Longhurst

Check membership category desired:

- Student            \$9.00
- Senior             \$12.00
- Individual         \$15.00
- Household         \$25.00
- Sustaining         \$40.00
- Supporting Org.   \$55.00
- Corporate         \$500.00
- Lifetime            \$250.00
- Please send a complimentary copy of the Se-go Lily to the above individual.

Please enclose a check, payable to Utah Native Plant Society and send it to:

Membership  
Utah Native Plant Society  
P.O.Box 520041  
Salt Lake City, Utah 84152-0041

**Check out our  
website!  
[www.unps.org](http://www.unps.org)**

Many thanks to Xmission for  
sponsoring the Utah Native  
Plant Society website.

Please direct all suggestions,  
articles and events for the  
newsletter to Paula Longhurst  
at [scoobydo@xmission.com](mailto:scoobydo@xmission.com).

**The deadline for the next  
issue is April 18, 2004**

CHAPTER PRESIDENTS

Cache: Steve Ripple  
Canyonlands: Steve Budelier  
Mountain: Abby Moore  
Price: Mike Hubbard  
Salt Lake:  
Southern Utah: Margaret Malm  
Utah Valley: Phil Allen  
Escalante: Winnie Washburn

COMMITTEES

Horticulture: Susan Meyer  
Conservation: Bill King  
Education:  
Invasive Species: Phil Allen/  
Susan Garvin  
Communications: