

# ARBORNOTES

A Newsletter of the Arboretum Associates

March 2020



UNIVERSITY OF IDAHO  
**ARBORETUM**  
& BOTANICAL GARDEN

PLEASE VISIT  
OUR WEBSITE AT  
[uidaho.edu/arboretum](http://uidaho.edu/arboretum)

## Inside this Issue

Walk with Jane Austen	1-2
Message from the President	3
Calendar of Upcoming Events	3
Arboretum Associates Annual Meeting	4
Arboretum Associates Annual Plant Sale	5
19th Annual Summer Concert	5
Dr. Richard J. Naskali Asian Section	6-7
Arboretum Associates Donor Roll	8-9
Report from the Horticulturist	10-12
Something New on the Red Barn	13
Paul Anders will be Missed	13
Science Saturdays 2019	14
City of Moscow Plein Air Demonstration	14
Water Wise Inspiration and Design	15

## *Fall Arboretum Walk with Jane Austen*

On a glorious sunny fall day in early October, Jane Austen fans explored the Arboretum, searching out the trees and shrubs mentioned in her novels and letters. The Jane Austen Society of North America (JASNA) Eastern Washington/Northern Idaho Region organized the tour, which was led by Co-Regional Coordinator Michele Larrow. The event was free and open to the public and had been advertised on social media and even in the UI student newspaper. Members of the JASNA group came from Spokane, Lewiston, Clarkston, Pullman, and Moscow and were joined by several Moscow and UI community members.



The wonders and beauty of the Arboretum are highlighted when you have a particular purpose in exploring. Paul Warnick, Arboretum Horticulturist, had taken me on a tour in the summer to help me locate specimens of the Austen trees and shrubs. Most of the English trees and shrubs mentioned by Austen, or the Asian or North American counterparts, are to be found in the Arboretum, which highlights the extensive range of the Arboretum collection.

We started our tour in the European section, which has many British plants. English oaks are mentioned in several of the novels, including being on the lawn of Mr. Darcy's grand estate in *Pride and Prejudice*. The laurels, which are small shrubs in the Arboretum near the oaks, would typically have been much larger shrubs in Jane Austen's times and are often mentioned in the books as being part of the shrubberies where the characters walk. There is a lovely grove of linden trees in the Arboretum. Many members were surprised to learn that lindens are called limes in England, and in *Emma* when the characters walk in the shade of an avenue of limes, they are walking under lindens, not citrus trees. The avenue of Scotch pines in the Arboretum in the elevated European section was enjoyed by attendees. In *Northanger Abbey*, the heroine walks in a grove of Scotch firs, which was what Scotch pines were called in Austen's day. Another highlight for many were the beautiful beech trees. Beech trees were sometimes trimmed down to create hedges in gardens, which is mentioned in *Mansfield Park*.

**Come Grow With Us**

## ArborNotes

A Newsletter of  
the Arboretum Associates  
University of Idaho  
Arboretum and Botanical Garden

Published by  
ARBORETUM ASSOCIATES  
University of Idaho  
875 Perimeter Drive MS 3143  
Moscow, Idaho 83844-3143

*President*  
Katherine Clancy

*Vice-President*  
Bill Bowler

*Secretary*  
Nancy Sprague

*Treasurer*  
Joy Fisher

*Past President*  
Kris Roby

*Members-at-Large*  
Paul Anders  
Kayla Casey  
Terry Gray  
Jan Leander  
Julie Miller

*Arboretum Horticulturist*  
Paul Warnick  
875 Perimeter Drive MS 2281  
Moscow, ID 83844-2281  
Phone: (208) 885-5978  
arboretum@uidaho.edu

**MARCH 2020**

In the Asian section we found several examples of trees mentioned in the novels. The sweet chestnut's pods were just starting to open and that tree was also mentioned as being on the lawn of Mr. Darcy's Pemberly. We also found mulberry trees, which Austen mentions in *Sense and Sensibility* and in one of the funniest lines from her letters from 1811: "I will not say that your mulberry-trees are dead, but I am afraid they are not alive." The Turkish filbert in the Arboretum is a cousin of the hazel trees that are native to England. Captain Wentworth used the hazelnut picked from a hedgerow as a symbol of firmness of mind in *Persuasion*. Elms are trees that Austen loved since they surrounded her home growing up and she mentions them in several works. We enjoyed the elms in both the Asian and North American sections.



Finally, in the North American sections we found trees that would have also been found in England through being imported. The black walnut is a cousin to the walnuts mentioned in *Sense and Sensibility* and would have been imported to England at some time since walnuts

are not native. Another tree mentioned in *Sense and Sensibility* as growing on Mr. Palmer's estate is the "acacia," which actually refers to the black locust (or pseudoacacia) and would have also been imported to England. Finally, larches are mentioned in *Mansfield Park* and her letters and we enjoyed looking at the Eastern variety. The Arboretum also has Western larches and the European larch, which is what would have grown in England.

It was such a joy to explore the Arboretum and connect with the natural world in our beloved Jane Austen's works. There are many more Jane Austen trees and shrubs in the Arboretum than can be mentioned here. We have created a list of the Austen trees and shrubs which coordinates with the Grid Map for the Arboretum. It can be accessed on our website if you wish to explore Jane Austen's trees and shrubs in the Arboretum on your own. We also have listed all the quotations from the works and letters mentioning trees and shrubs.

**Go to: <https://jasnaewanid.org/austens-trees-and-shrubs-a-k/> and <https://jasnaewanid.org/austens-trees-and-shrubs-l-z/> to download the list.**

## Message from the President

My thanks to everyone who supported the UI Arboretum and the events sponsored by the Arboretum Board in 2019. It was exciting, and a little intimidating, to be elected President at the annual meeting in April after only serving one year on the board. The annual meeting was well-attended and the presentation by Linda Chalker-Scott was very interesting. The plant sale in May was a great success as usual with plants selling quickly. The weather was cooperative and the crowds enthusiastic for the concert in July. The three Science Saturdays were well-attended by children, parents, and even some interested adults. The September dedication of the Asian Section of the Arboretum in honor of Richard Naskali had a big turnout and the moon gate is a lovely addition to the Arboretum. Your support is very important as we continue to grow the Arboretum. A big thank you always goes to the Arboretum Horticulturist, Paul Warnick, and his small crew for the phenomenal job they do keeping the Arboretum looking so lovely all year round. And many thanks to the Arboretum Associate Board members who are a dedicated group working for the success of the Arboretum. A special shout out to Terry Gray for managing our Facebook page and taking and posting beautiful photos of the Arboretum and its wildlife. Like us on Facebook at Arboretum Associates to see the pictures.

I thoroughly enjoyed the two Saturdays I helped with Science Saturdays. I also had a new experience in the Arboretum attending the City of Moscow Plein Air Painting demonstration event.

In 2019, Moscow made NetCredit's list of The Most Underrated Place to Visit in Every State. The highlight of the area was the Arboretum. I encourage members to participate in 2020 events. There is truly something for everyone.

*Katherine Clancy, President  
Arboretum Associates Board*



## Calendar of Upcoming Events

APRIL 23, 2020

### Arboretum Associates Annual Meeting

6:30 p.m. – 9:00 p.m.

Join us for appetizers and a no-host bar at 6:30 p.m. followed by a brief business meeting and a presentation by Paul Warnick, Arboretum Horticulturist

*1912 Center Great Room, 412 E. 3rd Street, Moscow*

**Unfortunately, the Annual Meeting has been cancelled; to be rescheduled at a later date.**

MAY 9, 2020

### Arboretum Associates Annual Plant Sale - New Earlier Date!

9:00 a.m. – 12:00 Noon

*Palouse Ice Rink, Latah County Fairgrounds*

JULY 13, 2020

### 20th Annual “Summer Breezes and Sweet Sounds” Concert

7:00 p.m. Bring your blankets and lawn chairs

*Free Concert in the Arboretum*

## *42nd Annual Arboretum Associates Meeting*

The 42nd annual meeting of Arboretum Associates was held on April 18, 2019, in the Great Room of the 1912 Center. Members gathered for a social time including hearty appetizers and a no-host bar. The business meeting was called to order by President Kris Roby, who introduced the current board members along with Cort Northrup, co-coordinator of the plant sale, and Katie Peterson, Science Saturdays coordinator. Thanks were given to Arboretum donors and volunteers. Kris gave the President's report, highlighting the signature events for the Arboretum during the past year, including the plant sale, concert, and the Science Saturdays program. She also referred members to the latest addition of ArborNotes for information on Dr. Richard Naskali's contributions to the Arboretum. Dr. Naskali passed away on September 13, 2018.

Joy Fisher gave the Treasurer's Report. Highlights of her report included exceeding our budget in revenues for both the plant sale and membership gifts with a total revenue of \$37,463.20. Expenditures included additions to the now completed irrigation system, as well as Horticulturist travel costs. Total expenditures for the year were \$18,175.94, resulting in an ending balance of \$184,070.63.

Kris thanked members for the honor of serving as President but said she would step down and continue to serve on the board as the Past President. It was announced that Sally Greene, Secretary, would be stepping off the Board and Kris thanked her for her years of service. The slate of Directors was presented and were elected by voice vote. Officers elected to serve two-year terms were President: Katherine Clancy; Vice-President: Bill Bowler; Secretary: Nancy Sprague; and Treasurer: Joy Fisher. Members-at-Large elected to serve two-year terms were Jan Leander and Julie Miller. Kayla Casey was elected to serve as a Member-at-Large for a three-year term. The business meeting adjourned at 7:15 p.m.

Paul Warnick, Arboretum Horticulturist, presented a power point on the "State of the Arboretum," outlining new plantings in the Arboretum, progress on the irrigation system, and new projects that took place in the Arboretum during the past year. Among others, projects included: the David Wenny Spruces of the World Windbreak planted by the Renfrew Shelter at the south end, with spruces representing four different geographical regions as well as dwarf spruce cultivars in memory of David Wenny, retired professor of Forest Resources; the Vettrus Gathering Place completed near the kiosk at the North end with support from Dean and Phyllis Vettrus; and the new granite steps and rock retaining wall installed in June in a steep area that has been challenging to mow. Plantings will continue this year.

Paul announced that he is working with Dr. Sara Lawrence and others to plan an event in the fall to name the Asian Section of the Arboretum in honor of Dr. Richard Naskali.

The keynote presentation was delivered by Linda Chalker-Scott, WSU Extension Urban Horticulturist. Linda's presentation was titled, "Going Native: The Best Choice for Trees?" She discussed some of the native species highlighted in the newly revised "Gardening with Native Plants of the Pacific Northwest," which she co-authored with Arthur Kruckeberg.

*Kris Roby*



## *2019 Arboretum Associations Plant Sale Recap*

Once again, the Arboretum Associates Annual Plant Sale was a tremendous success. Shoppers lined up early waiting for the doors to open and were not disappointed at the selections of plants available when they entered. There was an impressive array of annuals and hanging baskets, perennials for shade and sun, shrubs and trees, and a wide selection of water wise xeric plants. As usual, the hosta table was a huge attraction to shoppers selling out quite quickly. Gross proceeds from the sale were \$11,415, up \$60 from last year and memberships equaled \$735, a \$265 increase from 2018.

Our thanks to Paul Warnick and his crew who dedicate time and energy throughout the year to collect specimens from the arboretum. Countless hours are spent propagating and potting plants, then nurturing them throughout the year so they are vibrant and ready to be taken home to people's gardens after the sale. We also must thank the many volunteers who assist with hauling plants, setting up tables, assisting customers in plant selection and even delivery of purchases to cars. These are the people who make this festive community event a success!

Finally, as the plant sale is a significant fundraiser for the Arboretum, we wish to thank our many loyal customers for their continued support. It is our hope that we can provide you with new and exciting plants to enhance your garden while giving you an opportunity to support the UI Arboretum and Botanical Garden at the same time.

The date for the upcoming 2020 plant sale is Saturday, May 9, 9:00 AM to Noon, at the Palouse Ice Rink. We are looking forward to seeing everyone there. Happy New Year!

*Jan Leander*



## *19th Annual Summer Concert Draws Enthusiastic Crowd*

The 19th annual "Summer Breezes and Sweet Sounds Concert" was held July 8, 2019. The concert has become a wildly popular community event and is sponsored by the Arboretum Associates and the UI Lionel Hampton School of Music. It is conducted by UI Distinguished Professor Daniel Bukvich, an internationally known composer and conductor and Director of the UI Jazz Choir. Every summer, Bukvich produces an eclectic chamber program performed by local and visiting musicians, including UI and WSU faculty, emeriti, students, and community members. This past summer a record number of 50 musicians and singers performed in the concert.

The concert started with "Kuusi Tono" (2019) a playful percussion piece written and performed by student Brantley Bacon, followed by several international pieces, including traditional Klezmer music and traditional music from Jamaica and Brazil. Moscow community members and brothers Adrian and Richard Crookston, playing accordion and bass guitar respectively, wrote and performed "Don't Say Good-bye/Forró Medley" and "Mon Petit Frère" with other band members.

Vern and Vanessa Sielert, faculty in the Lionel Hampton School of Music, were featured on trumpet and saxophone playing an arrangement of "Old Devil Moon" (1946) by Yarburt/Lane. An energetic rendition of Ernest Toch's "Geographical Fugue" (1938) was sung by the Arboretum Chamber Choir. It is known as the most famous piece written for spoken chorus. "The Casque of Amontillado" by E.A. Poe with narration by David Billingsley and music by the Chamber Choir and Percussion Ensemble was a haunting piece enjoyed by the audience. The concert concluded with "Samba Song Finale," traditional music from Brazil performed by members of the Arboretum Chamber Choir and Percussion Ensemble. It truly was a magical setting for an evening concert. As the music reflected a rich variety of sounds so, too, did the shapes and colors of the surrounding Arboretum.

Many thanks to Paul Warnick, Arboretum Horticulturist, and his staff for transporting people to and from the concert site. We look forward to the 20th annual concert to be held on Monday, July 13, 2020, and we hope you will join us.

*Kris Roby*

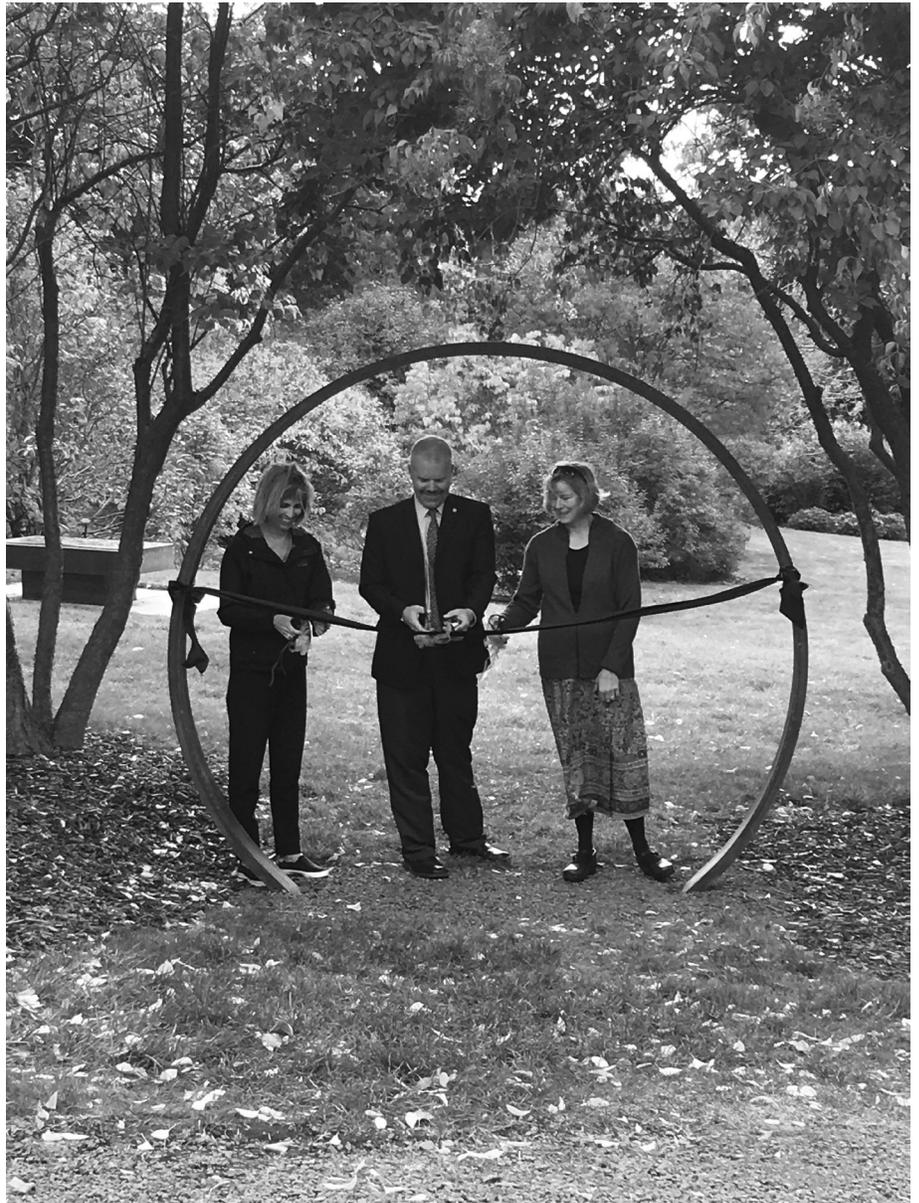
## *Naming the Dr. Richard J. Naskali Asian Section*

The Idaho State Board of Education approved a motion at their October 2018 meeting to name the Asian section of the Arboretum to honor Dr. Richard J. Naskali for his work to develop the Arboretum as the first Arboretum employee. Dr. Naskali was one of the faculty members on the committee that first envisioned creating a new Arboretum back in the mid 1970's. He worked as a volunteer during the early years of development, starting with the first tree plantings in 1982. He was appointed Arboretum Director in 1987, a role he held until his retirement in 2003. Using only donated funds, he was able to establish the foundations of the collections you see today, with a wide array of trees and shrubs planted in the four geographic regions designated in the original master plan. Dr. Naskali died in September 2018, but prior to his passing he was asked which section of the Arboretum he would choose to be named in his honor, and he chose the Asian section. He always had an affinity for Asian plants and gardens, and a centerpiece of his personal garden was an authentic, carved granite Chinese garden lantern. The lantern has Chinese symbols carved on each of the four sides that represent the four seasons; spring, summer, fall, and winter. He asked if that lantern could be installed somewhere in the Arboretum.

Once the decision was made to name the Asian section for Dr. Naskali, the challenge became how to do that in an appropriate way to recognize his efforts. Usually when a building or site is named for someone a sign would be mounted on the front door or front wall; but the Asian section really does not have a 'front' door. There are two main entries at the top of the Arboretum, but they also serve as the main entries to the entire site. I could not come up with a way to say that you are entering the Dr. Richard J. Naskali Asian Section—but, you are also entering the entire University of Idaho Arboretum. There are also two entries coming up from the south end of the Arboretum, but

putting any kind of signage there seemed like recognizing the back door. So, I looked around and decided to create a new front door to the Asian section, beside the existing information kiosk, looking down the Arboretum valley.

I have always admired Asian moon gates in other gardens. They come in a huge variety of sizes and styles, but all of them consist of a circular opening, usually framing a distinctive view within the garden. I thought that would be an appropriate way to create the new entry and incorporating Dr. Naskali's Asian lantern seemed like a good fit as well. The lantern nicely matched the white granite rocks in the Vettrus Gathering Place project that



we had installed last year across the road from the kiosk, so adding another granite boulder engraved with the name and including an interpretive sign to explain Dr. Naskali's role was an easy way to tie the projects together.

Drs. Sarah and Torrey Lawrence are the executors of Dr. Naskali's estate. They liked the concept, but Sarah was concerned that adding the entrance made that part of the Arboretum too busy with the Vettrus project, the kiosk, and a granite bench all very close together. After discussing several options (including moving the kiosk), Sarah suggested adding a set of rock steps like the Vettrus project to the side of the kiosk, leading down to the moon gate. I agreed that made a great addition and proceeded to take it to the University administrators for their approval. Again, they liked the concept, but Brian Johnson, Vice President of Facilities suggested that we had not gone quite far enough. He suggested completely removing the existing pavers and

retaining wall around the kiosk and replacing it all with boulders and flat stones to match the Vettrus project across the road. All of the people involved liked the very simple design for the moon gate of a free-standing steel circle. Mundy's Machine Shop in Moscow was able to fabricate the gate from corten steel. Corten steel is designed for the surface to rust, which essentially forms a protective barrier that will not oxidize further and does not require paint.

The project was funded with equal shares from Dr. Naskali's estate, University funds, and from Arboretum Associates funds from the annual plant sale. A dedication ceremony was held on September 26. Dr. Torrey Lawrence and Joy Fisher spoke, recognizing Dr. Naskali's efforts and a ribbon was cut to open the gate. It was completed on schedule and under budget (how often do you see those words?) and I believe successfully honors Dr. Naskali's important role in the development of the Arboretum.

*Paul Warnick*



## *Arboretum Associates Donor Roll*

Thank you to the many generous donors who supported the University of Idaho Arboretum and Botanical Garden from July 1, 2018 to June 30, 2019. A total of \$54,832.23 was received from membership gifts, gifts for endowments that support the Arboretum, and gifts to support specific Arboretum projects. Your support makes a difference.

### **Life Associates**

American International Group,  
Inc.  
Auverson Family Mineral Trust  
Elna Barton  
Judi Beck & Tom Alberg  
Bert Bowler  
Ben Bowler  
Warren Bowler  
Wilma & Edd Bowler  
John Burlison  
Sharon Christoph & Christopher  
Davidson  
Roberta & Charles Graham  
Terry & Christine Gray  
Alma & David Hanson  
Patricia Jordan  
Jean & Roger Korus  
Jan & Dick Leander  
Louise Luce  
Makiia & Chris Lucier  
Judith Marineau  
Luz & Albert Merkel  
Moscow Rotary Club  
Marcia & Rob Parish  
Raven Trust Fund  
Teita & Tom Reveley  
Melissa Rockwood  
Nancy & Garth Sasser  
Jean'ne Shreeve  
Marguerite Smiley  
Robert N. Steele  
Jeanne Steinhoff  
William Stellmon  
Ellen Thiem  
Lauren Wenny  
Doris Williams  
Jaki Wright & Bill Bowler

### ***Fiscal Year 2019 Membership Gifts***

#### **Life Associate**

Auverson Family Mineral Trust  
Terry & Christine Gray  
Alma & David Hanson  
Nancy & Garth Sasser  
Jean'ne Shreeve  
Ellen Thiem

#### **Sponsor**

Tim Barnwell  
Elinor Michel &  
Walter Hesford

#### **Patron**

William & Cheryl Ardrey  
Patricia Colberg & N.  
Swoboda-Colberg  
Entomological Foundation  
Jo Ellen & Ronald Force  
Karla Harman  
Jan & Richard Leander  
Beverly & Steven Poole  
David & Darla Port  
Roger Rowley & Carise  
Skinner  
Steven & Mary Ullrich

#### **Donor**

Anonymous  
Kenton Bird & Gerri Saylor  
MaryAnn & Karl Boehmke  
Teresa Boykin  
Frank & Wendy Burlison  
James & Susan Calvert  
Linda & Duane Char  
Lawrence & Karen Chinn  
Crowfoot Nursery  
Douglas & Robin Finch  
Joy Fisher  
Daniel & Sandra Forbes  
David & Rhonda Gaylord  
Mary & Archie George  
GiveGab  
John & Sandra Goffinet  
Willard & Ann Harwood  
Alice Hennessey  
Charles Horgan & Andrea Sharps  
Darrell & Janice Kent  
Margaret Kenyon  
Larry & Joanne Kirkland  
George & Joan Klingler  
Roger & Jean Korus  
Thomas & Carolyn Leege  
Corinne Lyle  
Barbara McKean  
Northwestern Mutual Life  
Foundation, Inc.  
Lawrence & Marjorie O'Keeffe  
Tori Blommer-O'Malley &  
Tom O'Malley

Monica Peters  
 Maureen Taylor Regan  
 & Donald Regan  
 Beverly Rhoades  
 Susan Roberts  
 Kristine Roby & Rodney Frey  
 Dan & Martha Schmidt  
 Charles Simpson  
 Nancy Sprague & William Phillips  
 Sandra & John Stoops  
 Kathryn Swenson  
 Martin & Julia Trail  
 UI Retirees Association, Inc.  
 Donna Vincenti

### **Sustaining**

Anonymous  
 Fauna & James Allen  
 Louise Avery  
 Elisabeth Berlinger  
 Carolyn Bowler  
 Fred & Mattie Cain  
 Caroline Christenson  
 Margaret Conrad  
 John Fellman & Harriet Hughes  
 Mark Frei  
 Candida Gillis  
 Scott Gilbert & Anne Raunio  
 Thomas & Carol Kawula  
 Peter Kitman II & Jody Northcutt  
 Julie Miller  
 Cortland Northrop III  
 Annette Pettenger  
 James & Patricia Peek  
 Scott Plummer  
 Deborah Stenkamp &  
 Charles Swift  
 Robert Steele

Robert & Brenda Tribelhorn  
 Thomas & Jeanette von Alten  
 Grace Wallace  
 Susan Zenier

### **Active**

Anonymous  
 Anna & Paul Conditt  
 Marlene & Richard Johnston  
 Lawrence & Justine Landes  
 Cindy & Robin Magnuson  
 Christine Mallon  
 David & Jan Rauk  
 Ronald & Margaret Sack  
 Jerry Schutz  
 Susan & Chuck Strout

### **Endowment**

Nilsa Bosque-Perez  
 Alfred & Bonnie Janssen  
 Kevin Kirsche  
 Jennifer & John O'Laughlin  
 Shirley Rencken  
 Robert Steele  
 Louise & John Sweeney

### **Projects**

American International Group, Inc.  
 Eric Anderson  
 Mollie & Benjamin Beckler  
 Eric Bennett  
 Jeff & Roxi Blackstock  
 Warren Bowler & Robbi Hamida  
 David & Carlotta Boyd  
 Patricia & Wesley Carscallen  
 City of Moscow

Patricia Colberg &  
 N. Swoboda-Colberg  
 Mark & Cheri Cole  
 Mary Conitz  
 Deborah & Marc Crichton  
 Ray & Jill Dacey  
 Mary Doty  
 Sue & David Eschen  
 Judy Ferguson  
 James & Lucinda Fisher  
 Ruth Funabiki  
 Russell & Kathleen Graham  
 Douglas & Lela Hoff  
 Jeri & Andrew Hudak  
 Bobbi Hughes  
 Idaho Native Plant Society/  
 White Pine Chapter  
 Kelly Isakson  
 David & Rebecca Knapp  
 Judith Marineau  
 Lucinda & William Morrow  
 Moscow Garden Club  
 Richard Naskali†  
 James & Patricia Peek  
 Maureen Taylor Regan &  
 Donald Regan  
 Susan Roberts  
 Ronald & Margaret Sack  
 Karen Severson  
 Janice Shoop  
 Marjory Stage  
 Jeanne Steinhoff  
 Robert & Margaret Stovicek  
 Greg & Linda Teske  
 Valley Garden Club  
 Barbara & Paul Warnick  
 Lori White & Gary Shockley  
 Christy Williams  
 Cathryn Willmes  
 Anne Zabala

## *Report from the Horticulturist*

Another year has flown by in the Arboretum with the usual assortment of challenges and successes. The biggest challenge was working with the least amount of help in the 20 years I have been at the Arboretum. Due to some unforeseen employment issues, it was almost the end of June before I had my full crew of three seasonal assistants. Fortunately, as in the past, they turned into a great crew, and hopefully the reduction in help was mostly invisible to the average visitor. Unfortunately, it seems that University-wide budget cuts are going to hit the Arboretum as well, with the likely result that the crew will be reduced to two seasonal workers next year.

The highlight of the year for me was a trip to Chile and Argentina in March with the International Dendrology Society. I spent almost three weeks touring various national parks and private estates. My primary goal for the trip was to discover why there are so few hardy woody trees and shrubs native to the Southern Hemisphere available in the United States. The simple answer is that there just are not very many possibilities. At least in Chile, I think that is mostly due to the topography. It goes from mild, wet coastal plain abruptly to the steep slopes of the Andes, and there is

essentially no transition from the temperate rainforest to the alpine zone above tree line. I saw several fascinating trees, but by far the best for me were the Monkey Puzzle trees (*Araucaria araucana*). They are a completely unique conifer which look pre-historic to me. I kept expecting dinosaurs to wander out of the forest. I was able to collect some seeds from Monkey Puzzle trees from two different higher elevation sites (one was actually a ski resort!). I gave those seeds to Don Regan, Manager of the College of Natural Resources' Franklin H. Pitkin Nursery Center for Forest Nursery and Seedling Research. Don was able to get about a dozen of the seeds to germinate and they are growing in his greenhouse. The seeds are huge and edible, either boiled or roasted. We tried them boiled and I found them to be very similar to Pinyon Pine nuts, except significantly bigger. I do not think we will ever be able to come up with enough plants to populate a southern Hemisphere section in the Arboretum, but I would really like to get some Monkey Puzzle trees to grow. I have heard rumors of a Monkey Puzzle tree growing for years in the Fort Russel neighborhood here in Moscow, and I know of three growing on the University of Nevada Reno campus. It seems like pretty much anything that can grow in Reno, Nevada, ought to grow here in Moscow! I was the only American



on the tour, with the majority of the people being wealthy Europeans, some of whom had titles like Lord and Lady, who like to travel around the world and look at trees. There were three other Arboretum employees, one from Belgium, one from Tasmania (whose Arboretum's claim to fame is that it is the best place in Tasmania to see a platypus in the wild!), and one from British Columbia.

I was a little nervous about the timing of the trip, since it took up most of the month of March. In a normal year, I would have missed quite a bit of early season outdoor working weather, but this year it snowed most of the time I was gone and I did not miss much at all!

Although we are never able to keep up with all of the routine maintenance in the Arboretum, I strongly believe that we still need to try to continue to do something new every year. This includes things like trying new annual flowers in the annual bed by the Arboretum barn and the Sunflower Forest by the parking lot to larger donor funded projects. The first project this year was funded by Christy Williams in memory of her husband Scott. The Williams built a house adjacent to the Arboretum about the same time as the Arboretum was getting started. Their children

essentially grew up alongside the Arboretum. I proposed a collection of Yews, since that was a species not represented in the Arboretum. The location I selected was on the border between the European and Asian sections of the Arboretum, an east facing exposure with shade provided by overhead trees. Most of the cultivars of Yews that are available now are hybrids of a European species and an Asian species, so the border seemed like the ideal spot. Christy wanted to do a little more than just the plantings, so we worked up a design for a set of steps climbing the slope with some additional decorative boulders. We ended up with 13 different cultivars of Yew and 25 total plants in the collection.

Our largest project ended up taking most of the summer to complete. That is the project to name the Asian section of the Arboretum for Dr. Richard Naskali, the first Arboretum Director (see the accompanying article for more detail on that project).

We installed two new benches in the Shattuck Arboretum this year and have a third one slated for installation in the spring whenever weather permits. These are benches made from recycled plastic and scattered along major pathways in the 'Old' Arboretum. With these three additions, there are now nine benches in the Shattuck, with spaces designated for three more.



The next project was inspired by Katie Peterson, a UI graduate student who coordinated the Science Saturday programs in the Arboretum for the past two summers. Katie proposed mounting a 'barn quilt square' on the Arboretum barn (see accompanying article for more detail). Amid those discussions, the idea of mounting a sign identifying the Arboretum on the barn was revisited. That idea had been kicked around a few times over the years, but never gotten off the ground. With the motivation of combining with the barn quilt, it was decided to have a 10' x 10' vinyl wrap of the Arboretum logo mounted on the east wall of the barn.

Our final project of the year is being done in memory of Ray Hoff. Ray was a scientist with the U.S. Forest Service here in Moscow, and some of his research focused on

Western White Pines. The Hoff project includes building a new pathway through the existing Western White Pines on the west slope of the Arboretum. That path will access a planting of shade tolerant native wildflowers and ferns. Part of the goal of the project is to see if it is possible to establish new plantings under the shade of established trees. We did install a zone of automated irrigation to provide enough water to the site, along with two 'sitting logs' along the path to provide a place to enjoy the space.

These projects are only possible through the generosity of individual donors. That support means a lot to me and not only provides funding for the Arboretum, but it is also an important part of what motivates my crew and me to continue trying to maintain and improve the site.

*Paul Warnick*



## *Something New On The Red Barn*

Last winter our Science Saturday Coordinator, Katie Peterson, proposed we put a Barn Quilt on the red barn at the south end of the Arboretum. Barn quilts trace back almost 300 years to the colonists. The quilt blocks provided an opportunity to celebrate their heritage. Paint was expensive so a little paint could provide a special decoration that identified the family. Decorating barns with colorful designs and quilt squares peaked at the beginning of the 20th century. They were replaced by colorful paid ads on the sides of barns. In the early 2000's barn quilts made a comeback and can now be found all over the U.S. As they have become popular again, quilt guilds, civic groups, local arts councils, 4-H clubs, school groups, and other organizations have created quilt trails to guide people to see the quilts. Over 7,000 quilts are part of organized trails throughout the 48 contiguous states and Canada. Dozens more are scattered in the

countryside waiting to be discovered. Locally they can be found at the Palouse-Clearwater Environmental Institute (PCEI), the Dahmen Artisan Barn in Uniontown, and now the Arboretum. They can also be found in Grangeville and Cottonwood.

Katie proposed the idea of having a Barn Quilt and volunteered to paint it. She came up with multiple designs, but in the end the block pattern Idaho Beauty was chosen. She also proposed having an Arboretum logo be part of the quilt, but ultimately it was decided to have a Barn Quilt and the logo as separate pieces to hang on the east wall of the red barn.

Both were hung on Monday, October 28th.

*Katherine Clancy*



## *Paul Anders Will Be Missed and Remembered*

The Arboretum Associates Board is deeply saddened by the sudden loss of beloved community member and Arboretum Associates Board member Paul Anders who passed away on January 25 at age 58 from complications of the flu. Paul was serving his second term on the Board and was our “go to” person for help with the ponds and other water issues. Paul was known as a talented scientist and musician who played at many venues, including the annual summer concert held in the Arboretum. He will be missed by many and we send our sincere condolences to his family and friends.

## Science Saturday

*Amphibians & Reptiles: Diversity in the City with Travis Seaborn and Meghan Parsle*



*Macroinvertebrates: Who Lives in this Water? With Melissa Topping*



*Tree Identification: A Trip Around the World with Jillian Felgenhauer*



## City of Moscow Plein Air Painting demonstration



## *Water-Wise Inspiration and Design at the Display Gardens*

Spring is here and it is the perfect time to start thinking about plans for your lawn and garden when the spring flourish comes along. In the Western United States, and especially on the Palouse, there is a focus on reducing the amount of water that is used for non-essential purposes. Several things can be done in lawns and gardens to reduce the amount of supplemental water needed to make the spaces beautiful and productive. Some ways to do this are by adding amendments to the soil that allow for better water holding capacity to store the water that is there. This is generally accomplished by adding organic matter and incorporating it into the soil. Another way is by adding mulch to the area to help hold the moisture in the soil. This reduces the amount of evaporation by blocking the direct sunlight from the soil surface and reducing the temperature of the top few inches of the soil. If you want to be more proactive, you should consider designing and implementing a Xeriscape® (zeer-i-scape) or Wisescape® system. Wisescape is a program run by the City of Moscow that promotes an area that is both aesthetically pleasing and practical. It limits the amount of turf and makes efficient use of irrigation, usually by using native and/or low water use plants. There are many ways to design a Wisescape area and the Cities of Moscow, Idaho, and Pullman, Washington, have a great primer called Wisescape® Guidebook: Water-Efficient Landscaping on the Palouse that can be found online. This guide goes through the planning and design phases to help guide your project from start to finish. The City of Moscow also offers rebates for water conservation efforts that includes converting an irrigated lawn to Wisescape and a lawn replacement rebate. Contact the City of Moscow Water Department for more information on the details of the rebates.

The University of Idaho Arboretum and Botanical Garden is a great place to help you get ideas for organizing your Wisescape/Xeriscape area and has examples of plants that are very well adapted to for this purpose. The Xeriscape garden is located toward the South end of the Arboretum and Botanical Garden in the Display Gardens section. Here you will

find many plants that are well-suited to the Palouse Region and would be expected to do well in your Xeriscape/Wisescape project. There is also a list of the plants that are in the Xeriscape Garden that can be downloaded from the Arboretum website. Here the plants are organized by the Accession number, Scientific Name, Cultivar, and Common name of the plants. I recommend that you take a walk with this checklist and a camera, visit the Xeriscape garden, and take photos of the plants (and the identification tags) that you like so that you have a good reference to review during your planning. By looking at the plants in the garden you can get an idea of what the growth form and colors of each species are and get excited about the opportunity that you have to be creative with your Wisescape/Xeriscape project. If you are interested in attracting pollinating insects to your project, you should also visit the butterfly garden collection and display that is located just a little further north from the Xeriscape garden. While you are visiting the Xeriscape garden, take some time to explore the rest of the display gardens and the Arboretum. You might find the plants that speak to you in a way that helps unleash the creativeness and inspiration to help you design a wonderful garden or landscape in your own backyard.

Wisescape® is a registered trademark of the City of Moscow, Idaho. Xeriscape® is a registered trademark of Denver Water.

*P. Allen Casey*





Arboretum Associates  
 875 Perimeter Drive MS 3143  
 Moscow, ID 83844-3143



PRESRT STD  
 U.S. POSTAGE  
 PAID  
 UNIVERSITY OF  
 IDAHO

**Renew your annual contribution to the Arboretum Associates for Fiscal Year 2020 and contribute to your favorite project fund.** Contributors receive our periodic ARBORNOTES. Please mail your tax deductible contributions to: Arboretum Associates, University of Idaho, 875 Perimeter Drive MS 3143, Moscow, ID 83844-3143.

**OR** Renew your annual contribution using the secure University of Idaho online gift form. Go to [uidaho.edu/giving/make-a-gift](http://uidaho.edu/giving/make-a-gift) and search for "Arboretum Associates" when selecting a fund. *Thank You!*

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**Fund Contribution**

Arboretum Associates \$ \_\_\_\_\_

Centennial Endowment Fund \$ \_\_\_\_\_

Other \_\_\_\_\_ \$ \_\_\_\_\_

Total Contribution \$ \_\_\_\_\_

**MEMBERSHIP CATEGORIES**

Active ..... \$20 - \$49

Sustaining..... \$50 - \$99

Donor ..... \$100 - \$249

Patron..... \$250 - \$499

Sponsor ..... \$500 - \$999

Life Associate .....\$1,000 and above

Please charge my:  MasterCard  VISA

Card# \_\_\_\_\_

Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

0001Z