



Ashland Parks & Recreation
North Mountain Park Nature Center

2005 ANNUAL REPORT





North Mountain Park Nature Center
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Annual Report 2005 was produced by North Mountain Park staff
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OVERVIEW

This annual report details the accomplishments of the North Mountain Park Nature Center, a branch of the Ashland Parks & Recreation Department, during 2005. The Nature Center was established in response to public meetings related to the design of the North Mountain Park athletic fields during 1995. At that time, there was a great deal of citizen interest in protecting the portion of the Bear Creek floodplain that lies within the park and in establishing programs related to local natural and cultural history. Although the Nature Center did not open until 2001, the Parks Department has conducted programs at North Mountain Park since 1996.

Oversight and Staffing

All functions of the Nature Center have been placed within the Recreation Department which is headed by superintendent Rachel Teige. Policy decisions are made by an elected Parks Commission made up of five citizens. Additional guidance is given to the Nature Center by a volunteer Steering Committee which meets annually during the summer and is on call the rest of the year. A Teacher Council meets separately to address issues related specifically to school programs.



North Mountain Park Nature Center



*Back row from left: Linda Chesney, Kari Gies, Dorinda Cottle, Heidi Buettner
Front row from left: Julie Heinz, Sherrill Deckelman, Jennifer Brinson*

The Nature Center is staffed by three full-time and two part-time employees: Stewardship Coordinator, Linda Chesney; Education Coordinator, Kari Gies; Administrative Assistant, Dorinda Cottle; Education Assistant, Julie Heinz; and Receptionist, Sherrill Deckelman. In addition, the Nature Center utilizes an AmeriCorps volunteer to oversee Service Learning programs and to coordinate and supervise service groups that come to help out with the restoration. Heidi Buettner served as the AmeriCorps volunteer between October 2004 and August 2005, and Jennifer Brinson took over in October of 2005 and will continue through August of 2006.

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NATURE CENTER

The Nature Center maintained its hours of operation Monday through Friday from 8:30 am to 4:30 pm. During 2005, the center saw an increase in visitor hours as citizens attended programs, utilized the resource room, learned about the interpretive trails, found out about volunteer opportunities or simply looked around.

Exhibits

A significant change to the center this past year has been the development of exhibits that correspond with the topics being taught during the school Field Programs. During the spring, students and the general public were able to enjoy exhibits related to local history. From late summer to winter, both the main exhibit room and the lab room were used to display a variety of exhibits related to local geology. The exhibits will continue to follow the schedule outlined in the Nature Center's *Scope & Sequence* for school programs (see p. 8).

Collections

As a way of enhancing both the exhibits and programs, a data base has been developed to keep an inventory of the center's Collections. As of December 2005, 800 items related to local natural and cultural history have been brought into the Collection. Although the Collection is not maintained to museum standards, a standard protocol has been developed to ensure that the best methods are employed as the items are catalogued, housed and put on display or brought into programs.



North Mountain Park Exhibit Room; depiction of a Shasta Indian dwelling

Solar Panels



New solar panels on the North Mountain Park pavilion

Another new addition in 2005 is the Demonstration Solar Project. One of the Nature Center's missions is to provide educational programs and practical examples that both teach and model sustainability; the solar system will help promote environmental stewardship through the use of clean renewable energy and the use of similar systems throughout the region. Installed very visibly on the pavilion roof behind the Nature Center, the grid-tied, 750-watt photovoltaic system will be seen by a variety of park visitors, including school groups, residents of the surrounding neighborhoods and people from throughout the region who come to the park to participate in educational programs and events. An interpretive display will be installed in the pavilion to provide information about this solar energy application.

DEMONSTRATION GARDENS

The Demonstration Gardens, which were designed, planted and are now cared for by volunteers, serve as a model for citizens interested in creating wildlife habitat and in practicing sustainable gardening techniques at home. They have become an integral part of both the community and the school programs offered at the park. In addition, many visitors enjoy the gardens simply for the sense of peace and tranquility they provide or to observe birds and other wildlife in the park.



Adopt-a-Gardeners M.J. Daspit and Gary Greksouk

The 2005 growing season began as a wet one, resulting in a stunning spring display in the Native Plant Garden. Perennial blossoms were abundant – a reward for the past several years invested by staff and volunteers.

Volunteers

Volunteers continue to provide the majority of the care and maintenance through the Adopt-a-Garden and the Drop-in Gardening programs. Attendance at the volunteer docent-led tours increased again this year.

Heirloom Garden

Heirloom Garden interpretive signs were installed in the garden this year, thanks to submissions from members of the Heirloom Garden Committee and technical support from Karin Onkka, who contracts with the Nature Center. Park visitors can now learn about some of the colorful and historic plants that grace this area at the front of the Nature Center.



Heirloom Garden volunteers

NATURAL AREA

The North Mountain Park Natural Area is comprised of 14 acres of floodplain and riparian habitat. There are two streams, Beach and Bear Creek, and three ponds within this area. Since 1999, a long-term restoration effort has been underway to convert this former farmland back to a more diverse, native flora-rich area for wildlife, education and enjoyment.

High Water

December of 2005 went out like a lion, and Bear Creek came out of its banks enough to cause some minor damage to trails and irrigation. With the help of students and other community volunteers, repairs are being made and costs will be minimal. The floodplain, since it was left largely undeveloped, allowed nature to take its course, an interesting show for those who happened to catch it.



Bear Creek at North Mountain Park, December 30, 2005



Wildlife at North Mountain Park © Stephen Bruno

Visitor Amenities

Four large interpretive signs were installed throughout the Natural Area welcoming visitors to the park. Thanks to the Boy Scouts, steps were added leading to the lower pond in the spring of 2005. Brochures for the Ethnobotanical Trail were placed along the trail as a means of educating people on the cultural history and uses of native plants in this area. A new compost sign was installed in the composting area, offering ideas to the public on composting in their own backyards.

RESTORATION

Restoration work continued in 2005, with some efforts shifting to the RiverWalk open space across the street from North Mountain Park. Emphasis was on vegetation propagation, planting and management, and control of invasive species. Efforts continue to assess the effectiveness of work to date in the Natural Area with input from staff, Steering Committee advisors and volunteers. Community volunteers and students continue to provide a large percentage of the restoration workforce.

Planting with Natives

The bulk of the restoration effort at this stage is focused on restoring native vegetation and habitat diversity in the Bear Creek floodplain. Volunteers, staff, students and community service workers continue to invest time in maintaining trails and native vegetation throughout the Natural Area. Some of the native plants propagated at North Mountain Park are being used in restoration projects off-site as in the *RiverWalk* open space. Volunteers and students have helped with ongoing planting of native species in both North Mountain Park and *RiverWalk* open space.



North Mountain Park and the RiverWalk open space (9/05)

Ponds

Last summer irrigation water was added to Beach Creek flows just upstream from the upper pond in an effort to keep the pond water from becoming too warm and oxygen starved. Because of the added irrigation water, the ponds maintained higher levels than during previous summers that were less hot and dry than 2005. As a result, the improved health of the aquatic habitat and aesthetics were noticed by visitors to the park.

MONITORING

Monitoring efforts at North Mountain Park help guide the adaptive management approach to restoration efforts and also engage volunteers in an exciting, meaningful way, while also contributing valuable scientific data to regional and global monitoring programs. This year there has again been increased interest and participation in monitoring activities coordinated by the park.

Photo Points

Long-term changes to the Natural Area, as a result of ongoing restoration, are well documented through a series of photo points. Photos taken in 1999 and 2005 from the same vantage point are shown below. The progress is quite striking.



The above photographs were taken from the same photo point behind the N MT Park pavilion. Left photo: spring 2000; Right photo: spring 2004. Notice the change in vegetation.

Bear Creek

In October 2005, students in Dr. Charles Lane's hydrology class braved the rainy weather and dense blackberries to collect channel morphology data. In the future, Dr. Lane may bring some students out to check on changes resulting from this winter's high flows.

Fish

Biological monitoring was undertaken by Aaron Maxwell, who was engaged in a study of the Bear Creek watershed last year. He will be completing his analysis in 2006 and presenting his findings at the park this fall.

Birds

Volunteer Barbara Massey, retired ornithologist, has just completed her 6-year report based on volunteer bird monitoring surveys conducted monthly since 1999. The Nature Center again contracted with Biologist Gail Rible to run the banding/monitoring station during the 2005 breeding season. And the park is participating as partners with the Rogue Valley Audubon Society in the 4th season with Project FeederWatch, a nation-wide bird monitoring effort coordinated by the Cornell Lab of Ornithology.

COMMUNITY PROGRAMS

Community education programs are offered in the areas of natural and cultural history and sustainability. Program formats include lecture and demonstrations as well as hands-on workshops and classes. For a complete listing of programs see appendices, pp. 12 -14.

Program Evaluations

2005 saw the formalization of an evaluation process in place. Results of the year's participant evaluations were generally positive and enrollment was strong.

Events

Attendance was slightly increased for all three annual events: Earth Day in April, the Naturescaping Garden Tour in June and the October Salmon Festival (in spite of the weather). The Nature Center again collaborated with the Rogue Valley Audubon Society and Klamath Bird Observatory to host International Migratory Bird Day in May.



Traditional salmon cooking demonstration with Tom Smith during the 2005 2nd Annual Salmon Festival



Summer Camps

The Nature Center again partnered with Siskiyou Field Institute to hold summer camps in 2005. The Southern Oregon University Writing Project, facilitated at the Nature Center, also a repeated summer program, was a successful week-long writer's camp.

Nature Center staff provided service activities as part of the summer camp programs

SCHOOL PROGRAMS

Through the Nature Center, the Ashland Parks & Recreation Department offers educational programs for Ashland students in grades K – 12 and the community at large in grades 3 - 12. Programs are held outdoors and are geared toward the local cultural and natural history with an emphasis on environmental stewardship.

Field Programs K - 5

This is the ninth year that Ashland students have come to the park to participate in Field Programs. Fifty-four programs were presented to Ashland classes during 2005. These programs, which are offered in the fall and the spring, are now aligned with the following *Scope and Sequence schedule*;

North Mountain Park *Scope & Sequence*

Fall 2005:	Geology
Spring 2006:	Water
Fall 2006:	Plants
Spring 2007:	Animals
Fall 2007:	Native Americans
Spring 2005/Spring 2007:	Local History



Mentoring

In addition, middle and high school students provide mentoring programs related to the seasonal topic in the form of activity days. Seven elementary classes come and learn from middle school students during the spring to participate in hands-on learning related to the local history.

Map and Compass 6th Grade

As a way of compensating for the loss of Outdoor School, 6th graders from Ashland can now participate in a full day of **Map and Compass** at *EarthTeach Park* in the Cascades. This program gives students an opportunity to learn some basic compass and survival skills in a rustic mountain setting. Four classes took part in this program in 2005.

Middle and High School

In an effort to continue the students understanding of these local topics, programs are being developed for the middle and high school in each of the *Scope and Sequence* topic areas. These programs will combine a classroom component with a field component. To date, programs have been developed and presented to the high school in the areas of geology and water.

Service Learning

The Nature Center also coordinates Service Learning programs for interested classes in grades 3 - 12. These programs combine a learning activity with an associated service activity and are offered at no cost to the school. Thirty classes from as far away as Portland came to the park for Service Learning programs during 2005.

SCHOOL PROGRAMS CONTINUED...



School programs at N MT Park take place every spring and fall

VOLUNTEER INVOLVEMENT

Volunteers again provided vital service to the Nature Center and Natural Area during 2005. Individuals contributed more than 6,259 hours, while service groups added another 433. Students participating in the Service Learning programs at the park added another 882 hours.

Individual Volunteer Service

Some of the programs that would not have functioned without volunteer assistance include the School Field Programs in the spring and fall, the June Garden Tour, the Nest Box Monitoring Program, Project Feederwatch, Salmon Festival and Earth Day. In addition, volunteers had a big impact on general record-keeping, organization of the resource room book collection, digital photos, accessioning to the exhibit collection, development of interpretive birding cards and in the maintenance of the park's heirloom and demonstration gardens.



Japanese exchange students helped collect seed from plants in the park's Bird Buffet with the help of AmeriCorps volunteer Heidi Buettner (far left)

Group Volunteer Service Groups

Service groups made their biggest impact by helping with the restoration of the Natural Area and interpretive trails. Notable accomplishments included the building of a stone platform at Lower Pond, maintenance of the Ethnobotanical Trail and planting of the new wetlands across from the Nature Center.

Volunteer Recognition

All volunteers were invited to a recognition potluck in June. In addition, volunteers who contributed 25 hours during 2005 received punch cards good for any Ashland Parks & Recreation programs, while those contributing over 40 hours were able to choose between a Nature Center hat or t-shirt.



North Mountain Park Nature Center 2005 At a Glance

Community Programs

Number of programs:	98
Number of program participants:	1,079
Number of events:	3
Number of event participants:	2,900

School Programs

Number of classroom programs:	10
Number of field programs:	58
Number of Service Learning programs:	30
Total number of students served:	2,500

Volunteers

Number of individual volunteer hours logged:	6,259
Number of group/organization volunteer hours logged:	436
Number of class volunteer service hours logged:	1,393
Mandatory community service hours:	329
Number of active volunteer committees:	7

Projects Completed

- Construction of steps and platform for the lower pond
- Solar panels on the pavilion
- Installation of two bioswale interpretive signs
- Installation of four large Natural Area interpretive signs
- Installation of ten small interpretive signs created by middle school students
- Rack and brochure for the ethnobotanical trail
- Brochure rack for garden brochures
- Outdoor Heirloom Garden interpretive plant cards
- Activity kits for visitors to check out
- Development of new history Field program
- Development of new geology Field program
- Geology exhibits display in the Nature Center
- New websites for education programs, Earth Day and Salmon Festival
- Coordination of the first REEL (Regional Environmental Educators and Leaders) symposium at SOU
- Development of regional bird cards and poster display
- Development of seasonal Service Learning programs
- Propagation and planting of over 600 plants for gardens and Natural Area

COMMUNITY EDUCATION PROGRAMS 2005

Season	Program	Instructor/s	Date/s
WINTER	Project FeederWatch	Audubon Volunteers	Jan 1, 15, 29; Feb 12, 26; Mar 12, 26
	Winter Bird Walk	Audubon Volunteers	Jan 8
	Native American Pre-History of the Rogue Valley	Amy Sobiech	Jan 12
	Trees for All Seasons	Ashland Tree Commission	Jan 15
	Preschool Puppet Theatre	Karin Onkka	Jan 14, Feb 11, Mar 11
	Crafting with Cattails	Anna Christensen	Jan 22
	Volunteer Orientation & Open House	Staff	Feb 2
	Permaculture: Designing Garden & Home for Sustainability	Jason Clark	Feb 5
	Pruning	Jennifer Ewing	Feb 12
	Women of the Gold Rush	April Azary Thomas	Mar 3
	Sea Grass Basket Weaving	Judy Little	Mar 6
	Volcanoes	Len Eisenberg	Mar 9
	Nest Box Building	Melissa Pitkin & Lee Webb	Mar 26
	Volunteer Garden Orientation	Staff	Mar 30
SPRING	Spring Bloom Survey	Frank Lang, Jim Duncan, Marcia Wineteer	Apr 2
	Junior Naturalist Program	April Azary Thomas	Apr 2; May 7, 21
	Trees for All Seasons	Ashland Tree Commission	Apr 3
	Preschool Puppet Theatre	Karin Onkka	Apr 8, May 13
	"Save the Endangered Environmental Laws"	Pepper Trail	Apr 14
	Animal Mask Making Workshop	Robert Gluckson	Apr 16
	Wetland Ecology of the Rogue Valley	Ed Hoover	Apr 16
	Volunteer Instructor Training	Staff	Apr 19, 20
	Earth Day - "Together for Tomorrow"	Staff	Apr 23
	International Migratory Bird Day		May 14
	Ashland Stream Team Restoration Day	Staff	May 21

COMMUNITY EDUCATION PROGRAMS 2005 CONTINUED...

Season	Program	Instructor/s	Date/s
SUMMER	Water Saving Irrigation	Eric Setterberg & Robbin Pearce	Jun 2
	Demonstration Garden Tours	Susan Lander	Jun 3, Jul 21, Aug 25
	Going Batty with Bats	Julie Heinz	Jun 5
	Pre-school Puppet Theatre	Karin Onkka	Jun 10, Jul 8, Aug 12
	Exploring Nature Youth Day Camps	Siskiyou Field Instiute & SOU	Jun 20-24, Jun 27 - Jul 01
	Evening Family Sing-Along	Tish McFadden & Friends	Jun 23
	Potluck at the Park for Volunteers	Staff	Jun 28
	Herb Crafting	Laurel Vukovic	Jul 14
	Gathering Native Seeds	Ed Hoover	Jul 16
	Worst Weeds of Southern Oregon	Lusetta Nelson	Jul 21
	Weave a Traditional Tule Mat	Ea Murphy	Aug 13
	Paper Play	Linda Chesney	Aug 18
	FALL	Volunteer Training for Geology	Staff
Preschool Puppet Theatre		Karin Onkka	Sep 9, Oct 14, Nov 11, Dec 9
Touring the Universe		Colin White	Sep 10
Fall into Winter Gardening		Carol Carlson	Sep 17
Junior Naturalist Program		April Azary Thomas	Sep 17, Oct 15, Nov 5
Native Seed Collection Workshop		Greg Stabach	Sep 17
Full Moon Ceremony		Elizabeth Jones	Sep 18
Demonstration Garden Tours		Susan Lander	Sep 22
Songbird Monitoring		Gail Rible & Bob Frey	Sep 24
Salmon Festival		Staff	Oct 1
Geology of the Cascades		Len Eisenberg	Oct 8
Ashland Green & Solar Home Tour		Larry Giardina	Oct 8
Ashland Historical Walking Tour		Tom Foster	Oct 15
Fireside Stories		Martin Thommes	Oct 20
Restoration Work Party		Staff	Nov 5
Backyard Birding Basics		G. Ragosine & D. Niebuhr	Nov 12
Project FeederWatch		Audubon Volunteers	Nov 19, Dec 3, 17, 31
Paper Lantern Making		Anneke Raphael	Nov 20
Wreath Making Workshop		Linda Chesney	Dec 2, 3
Holiday Crafts from Nature		Staff	Dec 20
Wonders of the Winter Solstice	Richard Moeschl	Dec 22	

SPRING 2005 FIELD PROGRAM

History of the Rogue Valley

School	Teacher	Grade/s	Date/s
BELLVIEW	Susan Jesse	K-3	May 3
	Candace Palmesano	K-3	May 4
	Craig Martin	K-3	May 10
	Joanne Luman	K-3	May 24
	Renee Gardner	K-3	May 31
	David Kitchell	K-3	Jun 1
HELMAN	Michelle Cuddeback	3-5	Apr 29
	Mary Snowden	K-3	May 11
	Gunner Gurwell	3-5	May 12
	Valerie McCoy	3-5	May 13
	Camille Siders	K-3	May 17
	Joe Dunbrasky	3-5	May 20
	Gail Buettner	K-3	May 25
	Kari Smoth	K-3	June 1
LINCOLN	Inge Kendrick	K-3	May 3
	Michelle Warren-Schrieber	K	May 18
	Lynette Kelly	K-3	May 18
	Dick Streng	3-5	May 27
	Randy Boardman	3-5	Jun 2
WALKER	Lynn Sacks	K-3	May 4
	Meredith Pech	3-5	May 5
	Nancy Keim	3-5	May 6
	Shannon Wolf	K-3	May 24
	Diane DeMerritt	K-3	May 25
	Morgan Cottle	5	May 26
	Elisa Stevenson	K-3	May 31
	Dan Hamnet	3-5	Jun 3
	ASHLAND MIDDLE SCHOOL	Sheri Presksenis	6-8
Heidi Heidig		6-8	Apr 27

FALL 2005 FIELD PROGRAM

Geology of the Rogue Valley

School	Teacher	Grade/s	Date/s
BELLVIEW	Joleen Nagareda	2-3	Sep 21
	Joann Pinder	5	Sep 22
	Joann Luman	2	Sep 28
	Randy Boardman	4	Oct 5
	Dave Kitchell	3	Oct 12
	Susan Jessie	2	Oct 25
	Ingrid Hansen	4	Oct 26
	Candace Palmesano	4-5	Nov 2
HELMAN	Krista Menols	1	Sep 20
	Camille Siders	2-3	Sep 27
	Karen Scott	4	Sep 28
	Gunner Gurwell	3	Oct 4
	Mia Driscoll	K	Oct 11
	Shirley Lenz	1	Oct 18
	Michelle Cuddeback	5	Oct 20
	Michele Stewart	5	Oct 27
	Berit Larson	2	Sep 27
	Joe Dunbrasky	4-5	Oct 28
WALKER	Nancy Keim	4-5	Sep 23
	Shannon Wolff	K	Sep 28
	Meredith Pech	3-4	Sep 30
	Elisa Stevenson	1-2	Oct 4
	Mark Sherbow	3-5	Oct 13
	Chris Abbott-Stokes	K	Oct 19
	Lynn Sacks	1-2	Oct 19
	Morgan Cottle	5	Oct 21
WILLOW WIND	Stacey Fought	1-3	Nov 4
ASHLAND MIDDLE SCHOOL	Terry Karlin	6	Nov 1
	Susan Frey	6	Nov 2

SERVICE LEARNING* 2005 - SCHOOLS

*Service Learning is when students spend half of their time on a community service activity and the other half on a learning activity

School	Teacher	No. of students	Hours	Total Hours	Date/s
Jacksonvillie Elementary	Joyce Woods	43	.75	32.25	Apr 14
Ashland Middle School	Susan Kramer	15	1	15	Apr 15
Lincoln Elementary	Mark Sherbow	30	6	180	Apr 22, May 27, Jun 3
Ashland Middle School	Bonnie McCracken	25	2	50	Apr 27
Ashland Middle School	Susan Frey	25	1	25	May 9
Howard Elementary	Lashley & Campbell	54	.75	40.5	May 20
Waldorf Siskiyou School	Molly	16	2	32	May 23, Jun 2
Jewitt Elementary	Brandi Brown	65	.5	32.5	May 25
Howard Elementary	Lisa Howard	27	1	27	May 31
Oregon Episcopal School	Nancy Teskey	62	.5	31	Jun 1
Pilot Rock School	Angela	7	2	14	Jun 2
Howard Elementary	Nancy Crowley	40	2	80	Jun 6, 7
Helman Summer School	Kari Gurwell	40	2	80	Jun 24, Jul 8
Helman	Mia Driscoll	23	2	46	Sep 29
Willow Wind School	Robin Hawley	14	1.5	21	Oct 14
Willow Wind School	Trisha Mullinnix	20	3	60	Oct 17
Walker	Inga Kendrich	18	2.5	45	Oct 24
Rogue River	John Buckley	31	2	62	Oct 27
Walker	Mark Sherbow	40	2	80	Nov 10
Ashland Middle School	Kristi Healy	20	4	80	Nov 28
Ashland Middle School	Kristi Healy	20	5	100	Nov 29
Ashland Middle School	Kristi Healy	20	4	80	Nov 30
Ashland Middle School	Kristi Healy	20	5	100	Dec 1
Ashland Middle School	Kristi Healy	20	4	80	Dec 2
Total Service Learning Class Hours				1,393	

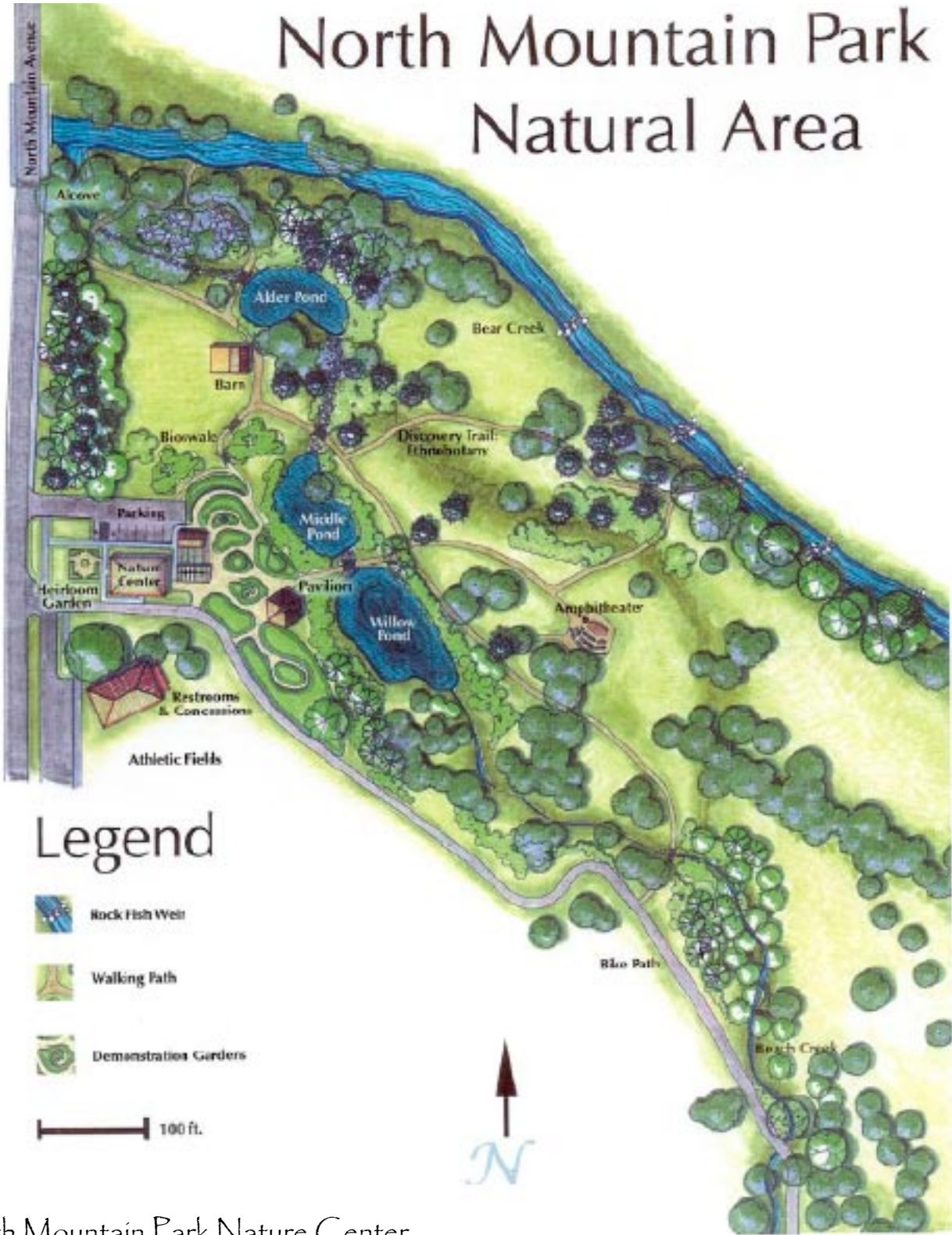
SERVICE LEARNING 2005 - ORGANIZATIONS

Organization	Contact Person	No. of people	Hours	Total Hours	Date/s
Ashland Middle School Club	Susan Kramer	7	3	21	Jan 21; Mar 2, 16
Meijo University (SOU)	Ryland, Celeste	15	4	60	Feb 7, Aug 16
Lithia Girls Home	Clarissa	12	14	168	Feb 26; Mar 5; Apr 2; Jun 4, 18; Jul 2, 23
Jacksonville Cub Scouts	Tiffani Griffin	15	2	30	May 11
Siskiyou Field Institute Camp	Karin Onkka	30	1	30	Jun 23
Seattle YMCA	Amy White	12	1.5	18	Jul 6
Lithia Girls Home	Clarissa	2	1.5	3	Jul 25
Lithia Girls Home	Clarissa	13	6	78	Oct 15; Nov 5, 19
Lithia Girls Home	Clarissa	14	2	28	Dec 17
Total Service Learning Organization Hours				436	



Enthusiastic young helpers haul wood chips to maintain trails at the park

North Mountain Park Natural Area



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