

REGISTRATION IS NOW OPEN FOR THE 5TH ANNUAL FLY WITH THE FLOCK 5K FUN RUN

Enjoy the great outdoors and a fun, physical morning at the Ogden Nature Center's 5th Annual 5K FUN RUN on Saturday, May 12. The beauty of the wildlife sanctuary is the setting for this spirited 5K and this is a great training run for the Ogden Marathon the following week. The course is two laps winding through 152 acres on dirt trails.



Start time is 8:00 a.m. with registration the day of the run between 6:30 and 7:30 a.m. Registration fees are \$18 for adults and \$12 for children. After May 1, late registration fees are \$22 for adults and \$15 for kids. Cool t-shirts and a tote bag full of goodies are guaranteed to those who pre-register and all participants will be entered to win prize drawings.

There will be fun activities for the whole family. Young and old should wear something wacky for a crazy hat contest! Children can run a 2.5k or participate in a 100 foot kids dash with medals for every child who participates. The Ogden Nature Center's staff will be on hand to introduce live birds of prey and other native animals. Roosters will cater a pancake breakfast following the race, with coffee donated by Grounds For Coffee.

Please dress appropriately. The FUN RUN will be held rain or shine. All proceeds will directly benefit the Ogden Nature Center. Special thanks to our generous sponsors -- especially the L.S. Peery Foundation and Striders.

To register go to <http://www.ogdennaturecenter.org> , and click Fly with the Flock 5K Fun Run. To register in person, go to the Ogden Nature Center, 966 W. 12th St., Ogden, UT or call 801-621-7595.

PUBLIC MEETING ON DRAFT SNAKE VALLEY GROUNDWATER REPORT

What: Public meeting

Who: Kimball E. Goddard
Director, USGS Nevada Water Science Center

When: 1:00 p.m., Monday, March 26, 2007

Where: Auditorium
Utah Department of Natural Resources
1594 West North Temple

Why: A final review of the draft Basin and Range Carbonate Aquifer System Study (BARCASS), is nearing completion. The public draft report will be ready in July 2007. The six-million dollar project is being completed in an effort to improve the understanding of groundwater in Western Utah/Eastern Nevada (Snake Valley area).

Anyone interested in the latest scientific information about water resources in the remote part of Utah/Nevada, which is now embroiled in a controversy with Southern Nevada over the export of water to the Las Vegas area, is invited to attend.

MEMBERS SOUGHT FOR UTAH BOATING ADVISORY COUNCIL

Salt Lake -- Utah State Parks and Recreation is looking for three new members to fill vacancies on the Utah Boating Advisory Council to represent the interests of marine dealers, river runners, and youth boaters.

Council members are appointed to the Boating Advisory Council for four years. Members must be willing to serve in an advisory position and further the mission of Utah's Boating Program. Applications will be accepted through Sunday, April

1.

"Council members need to be active participants and must be able to effectively communicate with other boaters on matters brought before the council in the area of boating they are applying to represent," said Dave Harris, boating coordinator with Utah State Parks and Recreation.

Council duties include periodically reviewing the Division's boating program and making suggestions for changes to maximize the effectiveness of Utah boating programs and laws. Council members also prioritize statewide boating facilities projects and advise the Board of Utah State Parks and Recreation on boating matters.

For more information or to apply for a Boating Advisory Council position, contact Dave Harris, boating coordinator at (801) 538-7341.

YOUTH ATV AND OHM CLASSES AVAILABLE STATEWIDE

Utah State Parks has scheduled ATV and OHM education classes in Weber, Davis, Morgan, Salt Lake, Utah, Washington, Wasatch, Summit, Sanpete, Grand, Iron, and Daggett counties.

Youth, age eight to 16 (who are required by state law to take a safety class prior to operating off-highway vehicles on public lands or trails), can register one week prior to the class. For registration materials, please call (801) 538-7433 in the Salt Lake calling area or toll free, 1-800-648-7433 (1-800-OHV-RIDE).

SAN JUAN COUNTY ARTISTS FEATURED AT EDGE OF THE CEDARS



Blanding - Edge of the Cedars State Park Museum announces the opening of four new temporary exhibits for spring 2007 representing the efforts of San Juan County artists: Kelly Pugh and Ambrose Mexican; Leo Platero from Montezuma Creek; and Gregory Holiday from Oljeto.

Expressions of the West * Through June 30

Kelly Pugh historical imagery portrays many local leaders and families of the past two centuries and events leading to the settlement of southeast Utah. Pugh's twin sister, photographer Kammy Palmer, is also represented in this exhibit with two award-winning wildlife images.

Yellowhorse * Through May 15

Ambrose Mexican is a self-taught carver, artist, and illustrator creating finely detailed pencil and ink drawings of wildlife, portraits, and horses. Mexican's eye for fine detail also shines through in the photo-like imagery of his exceptional scrimshaw carvings.

Through the Eyes of a Sheepherder * Through May 15

Leo Platero's paintings are a record of his sheepherder's observations of light, color, clouds, and land formations. Platero is a versatile and prolific artist, working in many media. This exhibit also includes pottery and writings.

Colors From the Earth *Through May 15

Inspired by the designs he observed on the pottery shards while working with archeologists, Paiute-Navajo potter Gregory Holiday set out to replicate the pottery vessels just as the Pueblo ancestors had made them. Holiday regularly traverses the Four Corners to find different types and colors of clays as well as material for temper, slip, and pigments with which to fashion his pottery.

The Edge of the Cedars State Park Museum is dedicated to education about and the celebration of the Native cultures of the Four Corners region. Come help us celebrate the 50th birthday of Utah State Parks! Check our website for special activities throughout 2007. The museum is open from 9 a.m. to 5 p.m. daily. Please call (435) 678-2238 for information about these exhibits and other exciting events and activities.

UTAH STATE PARKS SNOWMOBILE GROOMING REPORT, MARCH 5

Due to recent and expected snow, reports change frequently. Please check snowut.com for updated information. Utah State Park Rangers encourage all snowmobile riders to use extreme caution and obtain an avalanche advisory before venturing into the backcountry by calling 1-800-OHV-RIDE. Be prepared with appropriate avalanche gear and training.

Hardware Ranch:

Friday night groomed north from Hardware Ranch to Strawberry Valley to Elk Valley Guard Station and the Sinks turnaround. Trail conditions are great and there is a lot of snow in the Sinks and at the ranch.

Monte Cristo:

As of March 5, 2007 there is 53" of snow at Dry Bread Pond and 68" at Monte Cristo.

Grooming has been done on the following dates and locations:

Sunday, March 5 * Arb's Basin, Wasatch Ridge, SR-39 to mile 52, Ant Flat to Sheep Creek

Saturday, March 4 * Wasatch Ridge, Arb's Basin, Mile 52 on SR 39, Ant Flat to Rocking C

Friday, March 3 * Arb's Basin, SR-39

Thursday, March 1 * Loop

Wednesday, February 28 * Wasatch Ridge, Millies Spring, Ant Flat to Lazy S

Monday, February 26 * Red Spur

Bear Lake / Logan Canyon:

Lots of new snow!

Trail's have been groomed on:

Amazon 3/2/2007

Beaver Creek 3/2/2007

Franklin Basin 3/2/2007

Garden City 3/1/2007 Most the way down

Tony Grove 3/2/2007

Sinks Trail 3/2/2007

Swan Flat 3/2/2007

Wasatch Mountain:

Grooming has been done on the following dates and locations:

Wednesday, February 28 - Snake Creek

Wednesday, February 28 - American Fork Canyon from Pole Line Pass to the narrows

Tuesday, February 27 - Cummings Parkway to Cascade Springs

Pine Canyon was last groomed last week

Cascade Springs Road has not been groomed due to lack of snow

Mirror Lake / Mill Hollow:

Upper elevations have received two to four feet of new snow in the last week or so and the riding conditions are great, however avalanche danger is high so be careful.

March 2 * 3 Nobletts

Bear River Service to Whitney:

Upwards of two feet of snow have fallen in the higher elevations since the early part of the week. Riders using highway 150 are reminded of the posted speed limit signs and the need to stay on the west side of the highway until the Christmas Meadows junction, it is prohibited to ride on the plowed highway.

Uintah Basin:

There has been no grooming done in the last week for the Uintah Basin. This was due to a lack of snow. With the recent snowfall in the area the grooming operation will resume next week.

Scofield / Joe's Valley / Skyline Drive:

Grooming occurred February 28 at the following locations:

North Skyline has 18-24" of snow at the trailhead at Fairview top

Fish Creek Ridge has 18-24" of snow

Tucker/Starvation/Pondtown has 8-12" of snow at the trailheads and 16" of snow on top.

Be advised that Pondtown has some marked dangerous hazards about three miles up from the trailhead. Parts of the Starvation/tucker trails have not been groomed yet due to lack of snow.

Miller's Flat has 18-24" of snow and was last groomed February 22. Grooming is scheduled groomed again early March.

Joe's Valley has 10-12" of snow at the lower trailhead and 18-24" on top of Middle Mt.

Mt Nebo:

Entire trail was groomed March 1. It has been very windy and there are many drifts.

Ephraim / Manti / 12 mile:

Groomed March 2. A lot of drifting and loading on the side hills, so avalanche danger is very high. Please use extreme caution.

Fish Lake:

Monroe and Fishlake mountains were groomed last week, Beaver was not due to lack of snow.

Cedar Mountain / East Fork:

As of March 1, we've received about 18" of new snow on the mountain. Grooming conditions are much better.

March 2 Midway, Sage Valley and the Duck Creek run (also know as the Lava Flow run)

March 1 Midway, Sage valley and Duck Creek Ridge

February 28 Midway, Cedar Breaks, Brian Head and through to Sage Valley West boundary

Strawberry:

Lots of new snow! Avalanche conditions are very high, so be careful and don't take any unnecessary risks.

UTAH STATE PARKS RESERVOIR AND LAKE REPORT, MARCH 5

Ice is melting at many lakes and reservoirs, please use extreme caution. Utah State Parks encourages all boaters to wear their life jackets.

Bear Lake State Park Marina: Frozen, ice 12"

Deer Creek State Park: Frozen

East Canyon State Park: Melting at shoreline, 10-12" in some places

Wide Hollow at Escalante State Park: Launch ramp open, 45 degrees

Great Salt Lake State Marina: Launch ramp open, 33 degrees

Gunlock State Park: Launch ramp open, 48 degrees

Huntington State Park: Frozen, ice 3-6"

Hyrum Lake State Park: Melted at shoreline, 36 degrees

Jordanelle State Park: Mostly frozen, melting

Millsite State Park: Frozen, ice 4-6"

Otter Creek State Park: Frozen

Palisade State Park: Frozen

Piute State Park: Frozen

Quail Creek State Park: Launch ramp open, 45 degrees

Red Fleet State Park: Frozen, ice 12+"

Rockport State Park: Melting at shoreline - access difficult, ice 8-12"
Sand Hollow State Park: Launch ramp open, 41 degrees
Scofield State Park: Frozen, ice 12+ "
Starvation State Park: Frozen, ice 12+ "
Steinaker State Park: Frozen, ice 12+ "
Utah Lake State Park: Melting, some open water
Willard Bay State Park: Melting, some ice
Yuba State Park: Melting at shoreline, some ice
Strawberry: Frozen
Flaming Gorge: Mostly frozen

FENCED IN OR FENCED OUT AT ANASAZI STATE PARK MUSEUM

Boulder - Anasazi State Park Museum staff hosts Fenced In or Fenced Out? Between Fences March 23 - May 12. This is a Museum on Main Street exhibition organized by the Smithsonian Institution Traveling Exhibition Service, funded by the U.S. Congress, and brought to visitors by the Utah Humanities Council.

This thought-provoking exhibit displays the dominant features in our lives and our history. Thousands of types have been invented, millions of miles have been produced, and countless rivals have seized post, rail, panel, and wire to stake their claims. In 1871, the Department of Agriculture estimated the total value of fences in the United States at 1.7 billion, a sum almost equal to the national debt.



In addition to this traveling exhibition, Anasazi State Park Museum features an incredible collection of Ancestral Puebloan pottery and artifacts. For more information, please call (435) 335-7308.

UPCOMING UTAH STATE PARKS EVENTS

March 16 - 17 Edge of the Cedars State Park Museum - Blanding

Traditional Ute Flute making Workshop with Aldean Ketchum: Have you ever admired the soothing sound of the Native American flute? Now you can learn how to make and play your own flute. Aldean Ketchum, a renowned Ute artist, musician and flute maker from White Mesa, will instruct students in the process of flute making 9:30 a.m. to 4:30 p.m. Friday and Saturday. Ketchum, who learned the art of flute making from his grandfather will share his stories as well as his talents. This workshop will be a very enjoyable and educational opportunity to learn about a traditional art. Pre-registration is required and tuition is \$175 with \$50 deposit. For more information, please call (435) 678-2238.

March 17 Camp Floyd/Stagecoach Inn State Park and Museum - Fairfield

Historical Figures of Camp Floyd Come Alive: Meet and hear the stories of famous and well known people of Camp Floyd and the Stagecoach Inn; General Johnston, John Carson, Porter Rockwell and more. The characters will relate their stories within the historic structures where they worked and stayed. Stagecoach rides are also available. For more information, please call (801) 768-8932.

March 17 Rock Cliff Nature Center/ Jordanelle State Park - Francis

Track Me If You Can! Join the park naturalist from 10 a.m. to noon and learn basic tracking skills necessary to understanding local wildlife. Bring snowshoes or borrow a pair from the park. Pre-registration is required. Day-use fee is \$7 per vehicle with up to eight people or free to Utah State Park pass holders. For more information call (435) 782-3030 or (435) 649-9540

March 17 Green River State Park * Green River

Green River State Park Golf Course Spring Two Man Scramble. For more information, please call Kelly Moore at (435)

564-8882.

Utah Wildlife Board scheduled March 7 and 8 in Salt Lake City

Please see the pasted and attached agenda for more information.

Utah Wildlife Board Meeting

March 7-8, 2007, 9:00 A.M., DNR Auditorium

1594 W. North Temple, Salt Lake City, Utah

AGENDA Wednesday, March 7, 2007 9:00 AM - 5:00 PM: Board Appeals

Thursday, March 8, 2007

1. Approval of Agenda

ACTION * Dr. Jim Bowns, Chairman

2. Approval of Minutes

ACTION * Dr. Bowns

3. Old Business/Action Log

CONTINGENT * Dick Diamond, Vice-Chair

4. DWR Update

INFORMATION * Jim Karpowitz, DWR Director

5. Adjudicative Proceedings Rule R657-02 (5-yr review)

ACTION * Kenny Johnson, Information Analyst

6. Error Remedy Rule R657-50 (5-yr review)

ACTION * Kenny Johnson, Information Analyst

7. Terminally Ill Fishing Licenses Rule R657-30 (5-yr review)

ACTION * Kenny Johnson, Information Analyst

8. License Agent Procedures Rule R657-27 (5-yr review)

ACTION * Kenny Johnson, Information Analyst

9. Hunting and Fishing Accommodations for Disabled People Rule R957-12

ACTION * Kenny Johnson, Information Analyst

10. Possession of Live Game Birds Rule R657-04 (5-yr review)

ACTION * Dean Mitchell, Upland Game Program Coordinator

11. Big Game Depredation Rule R657-44 (5-yr review)

ACTION * Boyde Blackwell, Private Lands Public Wildlife Program
Coordinator

12. CHA Rule R957-22 (5-yr review)

ACTION * Boyde Blackwell, Private Lands Public Wildlife Program
Coordinator

13. Landowner Permits Rule R657-43 (5-yr review)

ACTION * Boyde Blackwell, Private Lands Public Wildlife Program
Coordinator

14. Amphibian/Reptile CIP Proclamation and Rule R657-53
ACTION * Krissy Wilson, Native Aquatics Program Coordinator

15. Wasatch Mountain Late hunt season change
ACTION * Alan Clark, Assistant Director

16. Variances
ACTION * Todd Newby presenting for Ida Ann Newby
* Paul Havens
* James Bell
* Judi Tutorow, Licensing Coordinator

17. Other Business
CONTINGENT * Dr. Bowns

In compliance with the Americans with Disabilities Act Persons needing special accommodations (including auxiliary communicative aids and services) for this meeting, should contact Staci Coons at 801-538 4718, giving her at least five working days notice.

UFOP, Great Basin Chapter News February 2007

The Utah Friends of Paleontology Great Basin Chapter Meeting Thursday, February 8th 7:00 pm
Department of Natural Resources Auditorium 1594 W. North Temple, Salt Lake City, Utah
Speaker: Ralph E. Chapman, Idaho Museum of Natural History and Idaho State University
Why We Need Virtual Fossils – Getting the Most Out of the Specimens We Collect in the Field

Upcoming meetings, lectures, and other events:

Saturday, March 10, 2007, 7:00 – 10:00 PM: Association for Women Geoscientists, Salt Lake Chapter 18th Annual Scholarship Benefit Auction and Wine Tasting, The Mill at Tracy Aviary, Liberty Park, Salt Lake City

Thursday, April 12, 2007: UFOP, GBC Meeting. Speaker: Lindsay Zanno, Utah Museum of Natural History

April 15-17, 2007: Tuba City, Arizona Rock Art and Dinosaur Track Field Trip, sponsored by the UFOP Southwest Utah Chapter and the St. George USAS Chapter. Must preregister with Linda Baldazzi: baldazzi@beyondbb.com or 435-634-8259. Details attached.

April 20-23, 2007: The 21st Annual Desert Symposium. Theme – “Tracks through Time: An Ichnologic Odyssey along Interstate 15” at California State University's Desert Studies Center at Zzyzx, on the shores of Soda Lake south of Interstate 15 between Barstow and Baker, California.

May 7-9, 2007: Geological Society of America Rocky Mountain Section Meeting, St. George, Utah. See the GSA web site for details: <http://www.geosociety.org/sectdiv/rockymtn/07rmmtg.htm>
Thursday, May 10, 2007: UFOP, GBC Meeting

May 17-20, 2007: UFOP Annual Meeting/Dinosaurs of Utah Symposium, Green River, Utah. Hosted by the UFOP Castle Valley “Raptor” Chapter, Price, Utah

UFOP minutes for meeting on February 8, 2007

Secretary: Edan Lee

Introduction: last set of minutes approved, treasurer's report: \$4,285.98, \$100 donation to 8th Conference on Fossil Resources approved.

News: The Rocky Mountain Section Meeting of Geological Society of America will include a 3 day field trip in Cedar Mountain May 3-5- \$220/person. Also, there will be an expedition to China starting at the end of May. In more local news, the pre-meeting dinner at the Red Iguana will start at 5:15. There will also be a fundraiser for field camp scholarships on March 10th.

Speaker introduced: Eric Lund from the Utah Museum of Natural History.

Presentation: "The Softer Side of Preparation: Dealing with Nonmineralized Soft Tissues."

- There have been 12 sites with soft tissues found in Utah.
 - We have found blood vessels, what we believe are keratinous sheathes from a predatory dinosaur, skin impressions from an ornithomimid dinosaur and a ceratopsian, and a wattle from the neck of a duckbilled dinosaur.
 - In the field measures are taken to preserve these traces as much as possible.
 - In the lab the specimens are removed as carefully as possible and if they need to be damaged or destroyed further measures are taken to preserve the information that the soft tissues grant us, primarily by making a replica that is as accurate as possible.
 - Ornamentation: Some of the ornamentation found on dinosaur skin was probably used to display to females, toughen the skin against parasites and predators, or to increase the dinosaur's surface area to help it cool down. A good example of the latter is the recently found ornithomimid dinosaur skin, which resembles an elephant's. Modern reptiles have similar skin adaptations.
 - Why do we care? : The specimens give us information that can be used to help in the reconstruction process.
- Meeting conclusion.

Tuba City Field Trip – April 15-17, 2007

The St. George Archaeology and Paleontology Clubs have planned a joint Field Trip to Tuba City, Arizona. The objective is to review a site near Tuba City on Monday, April 16 that contains both Rock Art and Dinosaur Tracks. It is possible to drive to Tuba City and back and review the site in one day but that makes for a very long day. Many of us will stay in either Tuba City, Cameron, or Page and the following trip plans are for those that select that option. Sunday, April 15. Drive to Tuba City by one of two routes - through Jacob's Lake (the shorter route) or through Kanab and Page. Parties interested in Rock Art can visit a site between Kanab and Page called Catstair Canyon. Catstair Canyon is a relatively small site in area but contains numerous petroglyphs and pictographs, most of which are well preserved. If anybody is interested, please let Jon Gum know so that we can meet at McDonald's in Kanab at 12:30 pm. The off-road drive is about 1/2 mile, the hike is about 1/4 mile and the canyon is only 100-200' deep. It's an easy, but interesting side excursion.

Monday, April 16. Our guide requires \$5 for each participant. We meet our guide at 9:30 am at a site about 6 miles east on Highway 160 (from the intersection of Highway 160 and Highway 89) that is signed as a Dinosaur track site. My expectation is that the site will take most of the day to review thoroughly.

Tuesday, April 17. No plans except to depart. The Gum's are continuing on to Canyon de Chelly Monday evening. For planning purposes, all parties need to advise either Jon Gum or Linda Baldazzi if they intend to make the trip. Archaeology Club members will have to be active, paid up members, who have signed the Liability Waiver form.

Sincerely, Linda Baldazzi, President; baldazzi@beyondbb.com (435-634-8259)

Invites You to Attend the 18th Annual Scholarship Benefit Silent Auction & Wine Tasting

Saturday, March 10, 2007

7:00 pm - 10:00 pm

The Mill at Tracy Aviary Liberty Park

Salt Lake City

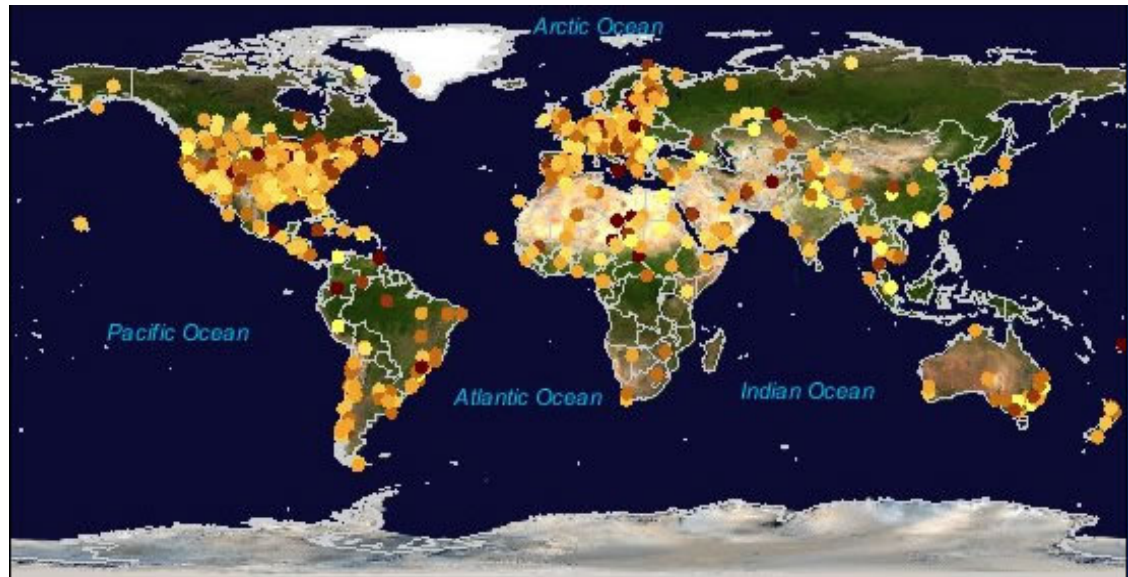
Entrance donation \$10 or \$5 plus a bottle of wine. Students \$5. The Salt Lake Chapter graciously accepts cash or checks. Casual attire.

The Mill is the beautifully renovated, historic Chase Mill. It is located inside Tracy Aviary in the southwest corner of Liberty Park, 589 East 1300 South, and is accessible from the northern entrance of the park located on 900 South. Park outside the main entrance of the Aviary and wander the short path to The Mill.

Equipped with only your eyes, you can join other stargazers in a worldwide effort to assess light pollution.

A team of astronomers and environmental scientists wants you to count some stars this month as part of the GLOBE at Night project, an effort to gauge the extent of light pollution worldwide. The task is simple: determine how many of Orion's stars can be seen on clear, moonless evenings from your home or observing site, then report your findings to project's website.

<http://www.globe.gov/GaN/>



Conceived by staffers at the National Optical Astronomy Observatories in Tucson, Arizona, this ambitious endeavor is managed by the University Corporation for Atmospheric Research and Colorado State University. GLOBE stands for Global Learning and Observations to Benefit the Environment, a program to involve primary-and secondary-school students in scientific activities worldwide.

Orienteering Utah Meet Schedule set

However, FIRST MEET, for sure, Saturday, April 14. Please note a change in our normal time, for those of you with soccer kids - we'll have the meet from 3 - 5 pm.

First Meet, Saturday, April 14, 3 - 5 pm. Held at Pine Canyon in Tooele. Meet Director is Ed White (so there's sure to be a LONG course available).

Please respond about summer event preferences - would July 28 or August 17 be better? We will be holding this summer event in either Big or Little Cottonwood. E-mail your "vote" for July 28 or August 17 to

new2006o-utah@o-utah.org

Tentative dates for the rest of 2007:

April 14 3-5 Tooele
May 10 or 17 7-8 pm clinic REI clinic
May 12 or 19 3-5 Draper
June 9 9-12 Kaysville
July 28 or August 17 10-1 Big/Little Cottonwood
Sept 15 10-1 Soldier Hollow
Sept 29 7 - 8 pm Night O Ecker Hills Middle
Oct 13 10-1 U of U
March? 2008 10-1 Ski O

Shed Antler Collectors: Obey the Law and Have Fun

With spring just around the corner, it's an exciting time for those who enjoy gathering the antlers and horns shed by big game animals each year.

As you're having fun searching for antlers and horns this spring, please remember that there are regulations you must

follow regarding their possession.

Also, remember to give the big game animals you encounter plenty of space, and don't take off-highway vehicles off of designated roads and trails.

Taking OHVs off of roads and trails can cause serious damage to the habitat that big game animals and other wildlife and fish rely on.

Shed Antler Gathering Season in Northern Utah

New this year in Utah, there is a shed antler gathering season. This season applies to Northern Utah only.

You may not gather shed antlers in the DWR's Northern Region from Feb. 1 through April 30. This closure was put in place to prevent big game animals from being harassed during the time of year when they're in their poorest health because of the stress of a long winter.



In addition to the closure in the Northern Region, the Utah Wildlife Board has directed the Division of Wildlife Resources to study the effects antler gathering is having on big game animals across Utah. Board members want to learn if a shed antler gathering season should be implemented statewide.

Possession of Antlers and Horns

According to Utah law, a person may possess antlers or horns from legally taken animals, as well as *shed* antlers and horns.

A shed antler or horn is one that has dropped from a big game animal (a moose, elk, deer or pronghorn antelope) as part of its life cycle.

Shed antlers have a rounded base, commonly called a button or burr.

The horns shed by pronghorn antelope are a hollow sheath. (Pronghorn are the only big game animals that shed their horns.)

A deer sheds its antlers during February and March. Elk shed later than deer and at higher elevations.

Shed antlers and horns may be possessed at any time. There are no restrictions on their barter, trade or sale.

In contrast, antlers or horns that are attached to a skull plate must have been taken legally or purchased from someone who took the animal legally.

The person who buys antlers or horns attached to a skull plate must keep a transaction record. The record must include the name and address of the hunter the antlers or horns were purchased from, the hunter's permit number and the date of purchase or sale.

Antlers, horns and heads of legally taken animals may be purchased or sold only between Feb. 15 and July 31 annually.

Give Big Game Animals Plenty of Space

After a long winter, the energy reserves that big game animals have are already low. Those reserves are taxed even more when antler gatherers enter the picture.

Careless shed antler and horn hunters can tip the delicate energy balance, and that can contribute to more big game

animals dying this time of the year.

The worst threat to big game animals usually comes from irresponsible OHV use. Off-road travel is illegal and should not be practiced at any time, especially when gathering antlers.

The DWR has received reports of OHV riders chasing deer and elk through trees to knock off their antlers. This practice is extremely damaging and illegal. Anyone caught harassing wildlife will be prosecuted to the fullest extent of the law.



When you're collecting shed antlers and horns, please pay attention to the body language of the animals you see. If they appear to be nervous or begin to move away, give them more space by backing off or traveling in another direction.

Have Fun

Shed gathering can be a great family outing. Please remember the following as you gather shed antlers and horns this year:

- Avoid picking up antlers that are attached to a skull plate.

Instead, mark the area and contact your local DWR conservation officer.

- Respect the space and needs of wintering big game. Give them lots of room.

- Don't take OHVs off of designated roads and trails. In addition to causing animals to flee, taking OHVs off-road can cause serious damage to the animals' habitat.

- Good luck and have fun!

More Big Game Permits Recommended for 2007

Utah's hunters might have more elk, pronghorn and bison permits to draw for this year.

The Division of Wildlife Resources is recommending raising permit numbers for all of Utah's big game animals. Permits for elk, pronghorn and bison would increase the most.

The DWR is also recommending adding an additional 1,000 general season buck deer permits to the Northeastern Region.

You can learn more about the recommendations and share your suggestions at a series of upcoming meetings. Citizens representing Utah's public Regional Advisory Councils will take the input received to the Utah Wildlife Board when it meets April 5 in Salt Lake City to approve big game hunting permits for this fall's hunts.

Meeting dates, times and locations are as follows:

Southern Region

March 13

7 p.m.

Beaver High School

195 E. Center St.

Beaver

Southeastern Region

March 14

6:30 p.m.

John Wesley Powell Museum
885 E. Main St.
Green River

Northeastern Region
March 15
6:30 p.m.
Western Park, Rm. #2
302 E. 200 S.
Vernal

Central Region
March 20
6:30 p.m.
Springville Junior High School
165 S. 700 E.
Springville

Northern Region
March 21
6 p.m.
Brigham City Community Center
24 N. 300 W.
Brigham City



More Elk Permits

Some record-sized bull elk have been taken in Utah over the past few years, but there are still plenty of big bulls out there for hunters to take.

Biologists manage each of Utah's limited entry bull elk units so the average age of the bulls taken by hunters falls within a certain age category.

The bulls that hunters took on 24 of Utah's 28 units was higher than the age objective for those units. That means the animals were older than what the objective for those units calls for.

The age of the bulls taken on four units was at the objective for those units. None of Utah's limited entry units was under the age objective.

"This means we can allow more hunters in the field and still leave plenty of big bulls for hunters to take in years to come," says Craig McLaughlin, Wildlife Section chief for the DWR.

With that in mind, the DWR is recommending 2,190 limited entry bull elk permits for this fall's hunts. A total of 79 of those permits would be management bull elk permits. These permits allow hunters to take bull elk that have five or less antler points on at least one side.

Management permits are being offered for the first time to reduce the number of smaller bull elk on four of Utah's best limited entry units. All of these units have extremely high bull to cow ratios.

More Pronghorn Permits

Pronghorn antelope permits would also increase under DWR recommendations.

The agency is recommending 1,067 pronghorn permits for this fall's hunts. A total of 855 were available in 2006.

Most of the permits would be issued for the Parker Mountains in southwestern Utah.

“The objective for the Parker Mountains is to maintain 40 bucks per 100 does,” McLaughlin says. “Right now, the unit has 78 bucks per 100 does. Hunters who draw a permit for the Parker Mountains should see plenty of bucks, and they should have a great hunt.”

More Bison Permits

Hunter's choice and cow bison permits for the Henry Mountains in southeastern Utah would also increase under DWR proposals.

Under the proposals, permits would jump from 18 in 2006 to either 47 or 71 permits in 2007.

The final bison permit numbers will be determined later this spring, when the Henry Mountains Bison Working Group finishes revising a management plan for the bison on the Henry's.

“In 2005, our biologists flew two aerial surveys of the Henry Mountains,” McLaughlin says. “They didn't see many bison during either survey.”

Even though bison are big animals, McLaughlin says they tend to gather in small groups and are effective at hiding under pinyon/juniper trees. “Bison are strong animals, and we were pretty sure that the herd had not experienced a big die-off,” he says. “We guessed that the bison had probably moved into thicker cover where it was harder for us to spot them.”

DWR biologists decided to be cautious, however, and hunting permits were cut in 2006.

“Our biologists flew another survey this past August, and this time they spotted the bison,” McLaughlin says. “They saw lots of bison. “We've confirmed that the herd is doing really well, and that's why we're recommending more bison permits for this fall's hunts.”



More Deer Permits

Under DWR recommendations, the number of general season buck deer permits would begin moving back to the 97,000 permit cap that began in Utah in 1994.

In 2005, general season buck deer permits in the Central and Northeastern regions were cut by 1,000 permits each. The permits were cut because the three-year buck-to-doe ratio in each region had fallen below the minimum of 15 bucks per 100 does called for in Utah's Deer Management Plan.

As a result, the statewide permit cap was reduced from 97,000 permits to 95,000 permits.

Surveys conducted by DWR biologists after the 2005 and 2006 hunts found that the three-year buck-to-doe average in the Northeastern Region had increased to 15 bucks per 100 does. That number meets the objective called for in the state's deer management plan.

In the Central Region, the three-year average has fallen slightly to 13 bucks per 100 does.

“Based on the findings, we're recommending that 1,000 permits be added to the Northeastern Region for this fall's hunt,”

McLaughlin says. “Adding 1,000 permits would increase the total number of general season buck deer permits in Utah to 96,000.”

Permit Recommendations

Permit numbers for 2006, and the number of permits the DWR is recommending for 2007, are listed below:

	2006	2007
General season buck deer	95,000	96,000
Limited entry deer	999	1,019
Limited entry bull elk	1,835	2,190
Pronghorn antelope	855	1,067
Moose	138	152
Bison	24	53 or 77 (these bison totals include permits for the Henry Mountains and Antelope Island)
Rocky Mountain goat	79	91
Desert bighorn sheep	36	41
Rocky Mountain bighorn sheep	15	18

Charts showing the total permits for each unit will be available at http://www.wildlife.utah.gov/public_meetings before the RAC meetings.

Once you’re on the site, go to the Meeting Agenda portion to find the permit numbers.

Chronic Wasting Disease: Final Results Are In

The Utah Veterinary Diagnostic Laboratory in Logan has finished testing more than 1,800 deer for chronic wasting disease. The deer were taken during Utah’s 2006 fall hunting seasons.

Of the more than 1,800 deer tested, seven had the disease, the Division of Wildlife Resources announced March 1.

One of the seven deer was taken during last fall’s archery season, two were taken during the muzzleloader season and four were taken during the rifle hunt.

In addition to the deer they’ve tested, laboratory personnel have almost completed testing 446 elk that were taken this past fall.

So far, none of the elk have tested positive for the disease. CWD has never been found in elk in Utah.

“The disease appears to be staying within areas where we’ve already found it,” says Leslie McFarlane, wildlife disease specialist for the DWR. “The La Sal Mountains in southeastern Utah appear to be the hotspot. In central and northeastern Utah, we estimate that less than 1 percent of the buck population is affected by CWD. In the La Sal Mountains, we estimate about 2 percent of the buck deer have the disease.”

“We did not detect any animals with CWD in the Manti unit in central Utah this year,” McFarlane says. “We’ve tested nearly 1,400 deer in that area since the fall of 2003, and we’ve detected only three mule deer with disease.”

Of the seven deer that tested positive for the disease this past fall, six were taken on the La Sal Mountains. The seventh deer was a mature buck taken close to Brush Creek, which is near Vernal.

All of the hunters who took the deer have been notified that their animals tested positive for CWD.

CWD First Confirmed in Utah in 2003

Since the fall of 2002, almost 12,000 deer in Utah have been tested for CWD. A total of 33 of these animals had the disease.

Twenty-four of the 33 deer came from the LaSal Mountains; five came from the Vernal area; one was taken near the south end of Flaming Gorge Reservoir; one was killed near Fountain Green; and two were taken 20 miles north of Fountain Green.

CWD is fatal to deer and elk that contract it. However, according to the World Health Organization, "There is currently no evidence that CWD in cervidae (deer and elk) is transmitted to humans."

For more information about CWD, please visit the DWR's Web site at <http://www.wildlife.utah.gov/hunting/biggame/cwd>

See Hundreds of Tundra Swans

Ogden -- Hundreds of pure white tundra swans are migrating through northern Utah right now. You can both see and listen to them at the Seventh Annual Tundra Swan Day.

Tundra Swan Day - March 10

The Division of Wildlife Resources will host its annual Tundra Swan Day on March 10. Viewing will take place from 9 a.m. to 3 p.m. at the Farmington Bay Waterfowl Management Area (WMA) west of Farmington and the Salt Creek WMA west of Corinne.



DWR biologists and volunteer naturalists will provide spotting scopes and parabolic dishes that you can use to both see and listen to the swans.

Admission is free.

Van Tours:

At the Farmington Bay WMA, naturalists will also conduct "behind the gates" van tours. These tours are for anyone who would like to visit parts of the WMA that are normally closed this time of the year.

The van tours are free.

Swan Activities:

The Bear River Migratory Bird Refuge will offer some special Swan Day activities at its Wildlife Education Center at 2155 W. Forest St. in Brigham City.

To reach the center, exit I-15 at Exit 363. After exiting the freeway, turn west and travel one block to the center.

At 10:30 a.m., artist Jean Hawrylo will teach kids how to draw a swan. The drawing class is limited to the first 15 kids, ages nine to 12. There is no cost to participate. You can register your child for the class by calling (435) 723-5887.

At 1 p.m., an activity for the whole family will be held as the center shows the movie "The Trumpet of the Swan." This

full-length, animated movie runs for 75 minutes and is free of charge to view.

For more information about Tundra Swan Day, call the DWR's Northern Region office at (801) 476-2740 or the Bear River Migratory Bird Refuge at (435) 723-5887.

Watching and Listening To Swans on Your Own

If you can't attend the March 10 event, great opportunities are available to watch and listen to swans on your own.

One of the best viewing opportunities is at the Bear River Migratory Bird Refuge, where you can view swans from your car as you drive along the refuge's 12-mile auto tour loop.

Phil Douglass, DWR Northern Region conservation outreach manager, says he saw large numbers of swans feeding at the Ogden Bay WMA on Feb. 20. He also says that students touring the Farmington Bay WMA on Feb. 21 were thrilled to see and hear tundra swans at the WMA that day.

In addition to the Swan Day locations, he says the Ogden Bay WMA parking area at 5500 W. in Hooper (on the dead end just north of 4000 S.), and the parking area at 7500 W. in West Warren (about one mile south of SR-39 [also known as 12th Street]), are two great places to listen to the "swan song" this spring.

Douglass says the swan migration will peak within the next three weeks.

Catch Fish, Putt for Prizes

Sandy -- It's March, but kids can still "fish through the ice" at a fishing pond at this year's International Sportsmen's Exposition.

Children can also drive remote control all-terrain vehicles, handle animal antlers and horns and putt for prizes at the Youth Outdoors Sports Fair. The fair is sponsored by the divisions of Wildlife Resources and Utah State Parks and Recreation.

The International Sportsmen's Exposition will be held March 15 - 18 at the South Towne Exposition Center, 9575 S. State in Sandy. The cost to attend the exposition, which includes the youth fair, is \$10 for those 13 years of age and older. Children 12 years of age and younger are free.

The Youth Outdoor Sports Fair will be held on the south side of the exposition center.

Ice Fishing Pond

"We'll turn the fishing pond at the expo center into an "ice fishing pond," says Bob Walters, Watchable Wildlife coordinator for the Division of Wildlife Resources.

"Several holes have been drilled in a wooden platform, and we'll place that platform over the fishing pond. The platform will allow kids to fish "through the ice," Walters says. "The kids can catch rainbow trout, and some of the children who participate will win prizes."

Walters says the youth fair is geared towards children 12 years of age and younger, but "kids of all ages," young and old, are invited to attend."

"We especially encourage parents to participate in the activities with their kids," Walters says. "All of the DWR's booths



are interactive and are designed to teach children about wildlife. We want the kids to have fun and to learn something in the process.”

Tip a Canoe

Fun, education and safety are also the goals of Utah State Parks. Education Specialist Ann Evans says kids are welcome to drive remote control ATVs, putt for prizes, become a Junior Ranger and escape a sinking ship!

“To show kids the importance of water safety, we’re simulating a boat capsizing while the kids scramble to find and secure their life jackets,” Evans says. “This is an important and fun lesson to learn in a safe, controlled environment.”

Kids can also earn a real Junior Ranger badge and enjoy an ATV Treasure Hunt. Evans says there are almost too many fun things to do. “Set aside a lot of time to spend at this year’s Expo. Kids will want to try everything,” Evans added.

For more information about the March 15 - 18 International Sportsmen’s Exposition, visit <http://www.sportsexpos.com> .

New Look, Sustainable Theme at LEP's 12th Annual National Workshop

New location, new dates and new programs with a focus on sustainability

Saint Paul, Minn. - March 7, 2007 - Pheasants Forever's (PF) Leopold Education Project (LEP) has announced its 12th Annual National Workshop will be held at the new Aldo Leopold Legacy Center near Baraboo, Wis., June 21-24, 2007. This year's national workshop will focus on sustainability.

Traditionally held in late August, the workshop has been moved to June and will be one of the first events to use the Aldo Leopold Legacy Center, which opens this April. Located approximately one mile east of the famed Leopold "Shack," the place that inspired many of Leopold's ideas for the essays in his book "A Sand County Almanac," the Aldo Leopold Legacy Center was designed to be the best possible model of a sustainably "green" building and to have as low an environmental impact as possible - essentially producing more energy than it uses.

"Holding the event at the Aldo Leopold Legacy Center helped focus the theme on sustainable living for this year's workshop," said Ed Pembleton, the LEP's Director. The Aldo Leopold Foundation, along with architects from The Kubala Washatko Architects, Inc., the firm that designed the legacy center, will give a session on Friday, June 22 discussing what Pembleton describes as the "hows and whys of a sustainable building."

The national workshop is a unique opportunity for educators, PF chapter leaders and PF youth chairs to come together to learn more about the land and conservation. "In addition to giving people informational material and improving their skills this event provides inspiration," Pembleton said. "It also gives (PF) chapters opportunities to sponsor scholarships and to get people involved in land ethic education in their own communities."

A detailed agenda of the workshop will be released in the coming weeks, but workshop-goers can expect: A building and grounds tour of the new Aldo Leopold Legacy Center; the traditional tour of the "Shack" and a field trip to a local natural area. Featured speakers include PF Youth Program Specialist Rich Wissink, University of Northern Colorado Professor Rich Jurin and a keynote speech from Nina Leopold Bradley, Aldo Leopold's daughter. Other highlights include a return of the popular shot gunning clinic, an assortment of concurrent sessions and an evening boat tour through the Wisconsin Dells to learn about the geology of the area and enjoy dinner.

If you are interested in attending the LEP's 12th Annual National Workshop, log onto the LEP's website at <http://www.lep.org> , or contact Ed Pembleton toll free at (877)773-2070 or via e-mail at efp@pheasantsforever.org , or contact Janine Newhouse toll free at (877)773-2070 or via e-mail at jmn@pheasantsforever.org .

The Leopold Education Project is a curriculum based on the classic writings of renowned conservationist Aldo Leopold. The mission of the LEP is to educate individuals to develop a personal land ethic. For additional information about

Pheasants Forever, please visit <http://www.pheasantsforever.org>

CALL FOR ENTRIES- Earth Day Art Contest at Ogden Nature Center

Calling all kids who love nature:

Children in kindergarten through the fifth grade are invited to combine their artistic talents with their love for the earth by entering the Ogden Nature Center's annual Earth Day Art Poster Contest. This year's theme is "Take Action." All entries will be exhibited in the LS Peery Education Center at the Ogden Nature Center starting on Earth Day, April 21, through May 31, 2007.

****Special note for teachers:** If your entire class enters artwork in the Ogden Nature Center's Earth Day Art Poster Contest, your class will be entered in a drawing to receive one of three FREE wildlife presentations - at your school, in your classroom

Guidelines:

- Entries must be 9" x 12" with the theme "Take Action."
- Please do not glue anything onto your project.
- On the back, please include your name (first and last), school, grade (k-5), teacher, home phone number and project title.
- Entries must be received at the Ogden Nature Center, 966 W. 12th Street, Ogden, UT 84404 no later than 4:00 p.m. Saturday, April 14, 2007.
- Late entries may not be judged.
- There is no fee to enter.

Entries will not be returned but may be picked up May 31 through June 16. After June 16 contest entries will become property of the Ogden Nature Center. Prizes will be awarded to three winners in each grade, with one grand prize winner per grade. The winners will be invited to an awards program on Earth Day, April 21, at 11 a.m.

This contest is sponsored by the Ogden Nature Center, Ogden City Arts/Ogden City Corporation, and ATK Thiokol.

Smoke in Northern Utah

Work to rid wetlands of phragmites should begin soon

Farmington -- Don't be concerned if you see smoke above some of the wetlands in northern Utah over the next few weeks. The controlled burns that are causing the smoke are actually helping the marsh by ridding it of a plant called phragmites.

Division of Wildlife Resources biologists will probably start burning phragmites at the Farmington Bay Waterfowl Management Area west of Farmington during the week of March 11.

After they're done at Farmington Bay, they'll work their way north.

Phragmites

Phragmites is an aggressive plant that has invaded the marshes of the Great Salt Lake. It's outcompeting more desirable plants for space.

With the help and support of the Utah Waterfowler's Association, in 2006 the DWR received \$200,000 to spray phragmites on Utah's waterfowl management areas (WMAs). The DWR aurally sprayed almost 2,000 acres in 2006.



The downside to spraying phragmites is that the following spring you need to burn the dead vegetation, says Rich Hansen, manager of the Farmington Bay WMA. *Burning opens up the canopy of phragmites so more desirable vegetation can grow and so we can more efficiently re-spray the phragmites that is still alive.

After the initial spraying, every acre has to have a follow-up spraying. Killing and then maintaining phragmites is a long-term effort.

The DWR has put a 15-year Phragmites Management Plan into action.

*The bottleneck that is keeping us from completing the project sooner is that every acre we aerially spray has to be followed up on for the next couple of years to

make sure no phragmites plants survive,* Hansen says. *If we were to spray the phragmites and not follow up, in a matter of a few years it would reinvade these areas.*

For more information, call the DWR's Northern Region office at (801) 476-2740.

Manmade Nests Help a Variety of Birds

Birds ranging from bald eagles to bluebirds benefit

Wildlife biologists are seeing a few more bald eagle nests in northern Utah every year. These nests were likely built by the offspring of eagles that nested on a manmade nest in the same area sometime in the past. Once these eaglets grew into adults, they returned to the area to build their own nests.

Utah's first artificial nest platform for bald eagles was erected on the south shore of the Great Salt Lake in 1997. Since that time, a pair of eagles has returned to the nest and successfully reared nearly 30 young eagles.

Nesting Habits

Artificial nests have played an important role in wildlife conservation in Utah. In some cases, they've actually helped reverse population declines.

"When it's time to nest, many birds return to the same area, and sometimes even the same nest site, where they were raised," says Jim Parrish, nongame avian coordinator for the Division of Wildlife Resources. "If their nest isn't there anymore, the birds will often leave the area and try and nest someplace else.

"Manmade nests provide a wonderful way for us to try and reestablish birds in areas where they once lived, increase the number of birds in a given area or introduce birds to a new area."

Perhaps the most noteworthy example of reversing a population decline is the role nesting or "hack" towers played in the comeback of the peregrine falcon. Utah was the first state west of the Mississippi River to use hack towers to help peregrines.

Helping Ducks and Geese

The Farmington Bay Waterfowl Management Area west of Farmington is one of several places in Utah where extensive artificial nest work has been done.

Late each winter, members of the Utah Airboater's Association gather at the WMA to rebuild and refurbish nest platforms for Canada geese.

Two years ago, volunteers from the Utah Waterfowler's Association and Delta Waterfowl joined forces with the airboaters to add nest boxes for ducks.

Karl Taylor of Ogden has been the driving force behind the duck nest box project. "This project has given me an opportunity to put more and more back into the system," Taylor says. "My passion in all of this is to see the kids come out. Those are the same guys that will be out here 10 to 20 years from now, putting on the same thing that we're doing today."



Almost 100 volunteers came to the Farmington Bay WMA in late February to work on the nest boxes and the platforms that hold them in place. Among them was Eagle Scout candidate Kohle Perks.

"A lot of people are going to watch these nests and see the progress of the ducks that use them," Perks said as he put the finishing touches on securing one of the 10 duck boxes that he constructed for his Eagle Scout project.

Whirling Disease Found in the Duchesne River

Vernal -- Biologists with the Utah Division of Wildlife Resources (UDWR) have discovered the parasite that causes whirling disease in fish taken from the Duchesne River in northeastern Utah.

Samples collected recently from the confluence of the West and North forks of the river, and approximately three miles downstream of Tabiona, have tested positive for the pathogen.

Whirling disease has also been confirmed in Rock Creek, a tributary to the Duchesne several miles below the Stillwater Ponds.

This marks the first time whirling disease has been found in the Uinta Basin or the Duchesne/Strawberry River drainage. It's the fourth time it's been found in northeastern Utah. The other hot spots are Carter Creek, from Brownie Lake to Flaming Gorge Reservoir; Burnt Fork Creek east of Flaming Gorge; and Long Park Reservoir.

What Happens Now?

"Whirling disease is caused by a small parasite that attacks the cartilage of a trout or salmon's head and spine," says Roger Schneidervin, regional aquatics manager for the UDWR. "If significantly infected, a fish can exhibit a whirling behavior [swimming in circles] and could die. Diseased fish have more problems swimming, are easier prey for predators and

become more susceptible to other diseases and environmental stress.

“In some Western waters, the disease has caused major impacts to wild rainbow and cutthroat trout fisheries. For example, some of the more productive reaches of the famous Madison River in Montana have had wild trout populations decline by up to 90 percent. In other streams, the parasite has had no apparent impact.

“It particularly affects young fish in naturally reproducing populations. Adult fish may become infected, but often don’t exhibit signs of the disease.”

Schneidervin reminds anglers that the whirling disease parasite does not affect humans.

Biologists Are Concerned

UDWR biologists are very concerned about the discovery in the Duchesne River. “Although the lower Duchesne is primarily a wild brown trout fishery, a species naturally more resistant to the disease, the upstream reaches of the river contain stocked rainbow and wild cutthroat trout,” Schneidervin says.

“Of particular concern is an invaluable population of pure strain Colorado River cutthroat trout located above the Central Utah Project (CUP) VAT Diversion on the West Fork. These fish are the source of the brood population in Sheep Creek Lake that provides eggs for intensive conservation efforts to prevent these native fish from being listed as threatened or endangered.”



Schneidervin is also concerned about the location of the infection. “Besides infecting this pure strain Colorado River cutthroat trout population, and compromising one of the region’s premiere Blue Ribbon trout streams, if the pathogen gets above the CUP diversion system, it will rapidly spread to Currant Creek, Strawberry Reservoir, Diamond Fork and the Spanish Fork River by the CUP transfer tunnels,” he says.

What Can Be Done?

“The good news is that trout populations upstream on both the Duchesne River and Rock Creek were subsequently tested and were found negative for the disease,” Schneidervin says. “We’re now working with the Uinta and Ashley national forests to create a secondary fish barrier [such as a dam or waterfall] below the VAT Diversion, place signs to alert and educate anglers, and initiate additional sampling to define the extent of the infection and identify hot spots regarding the potential spread of the pathogen above the CUP diversions.

“We also need help from anglers to prevent movement of the disease above the barriers or to additional waters,” he says. “The parasite has a complex life cycle. It starts as a spore [like a small microscopic egg] released from an infected fish. A small aquatic worm ingests the spore, where the parasite changes and is released as a free-swimming form.

“This ‘myxospore’ enters a fish through the gills or skin and migrates through the nervous system, typically finding its way to the cartilage of the head or spine. Once in the fish, it starts producing spores. When the fish dies, the spores are released into the water where they can survive in the sediment for years before a worm ingests them and starts a new cycle.”

What Anglers Can Do

“It’s critical that anglers avoid harvesting fish in one area, then transporting their catch to another location to clean them,” Schneidervin says. “Anglers who camp in one area and fish in another must be especially diligent. Because a single fish

can contain thousands or even millions of spores, this mechanism [anglers moving fish and fish parts] may be responsible for many of the recent whirling disease introductions.

“Please clean fish well away from the water and dispose of all fish parts, including entrails, heads and skeletons, in the garbage. If that isn’t possible, bury the parts deeply or burn them completely.”

“Anglers and others who wade in the stream or get mud on boots, vehicle tires or equipment can also move spores by carrying that mud to another site,” Schneidervin says. “The best defense is to carefully clean all waders, boats, trailers and float tubes before reusing them in another water.”

Anglers are also encouraged to use wading shoes that do NOT have felt soles, which are much more difficult to clean. Felt soles are also believed to be a major cause of the movement of New Zealand mud snails.

“Gear can be washed in a 10 percent solution of chlorine bleach, then dried thoroughly, preferably in the sun,” he says. “Remember to drain and dry holding tanks and bilge pumps so fish and other uninvited guests, like whirling disease, New Zealand mud snails or zebra mussels, don’t get moved with the water from one place to another.”

“There is no cure for whirling disease. Once it’s introduced into a watershed, the disease cannot be eliminated,” Schneidervin says. “We are highly concerned about the parasite infecting major fisheries, and the lakes, rivers and tributary streams in the Uintas and other mountains. It could seriously reduce our native and wild populations of cutthroat and rainbow trout. For the angler, it may mean lower catch rates; for many others, it’s a serious blow to their quality of life.

“We need everyone’s help to stop the spread of this disease and protect these invaluable Utah fisheries.”

The Worlds Foremost Outfitter and the largest women’s outdoor outreach program in the country have teamed up to host a ladies weekend of fun!

Second Annual Cabela’s "Women in the Outdoors" Event scheduled

April 20th and 21st

With a "Getting ready for summer camp outs and adventures" as a theme for this event!

All ladies 14 years and older are invited to attend this "hands on" experience. Learn, play, and meet other women who enjoy the great outdoors at Utah’s new Cabela’s in Lehi. (*12 years if accompanied by an adult*)

Hunting, fishing, and the outdoors are not just a "guy thing" anymore! Leave all the stresses of the world behind for a weekend of fun and relaxation. Experienced instructors will give you the knowledge and confidence to tackle the great outdoors in a calm non-competitive atmosphere. Come have some childhood fun, while dad takes care of the kids.

Friday April 20th (optional)

4 p.m. begin to sign in (*pre-registration required*)

5 p.m. Dutch oven cooking seminar

6 p.m. Craft time, we are making camp necklace nametags.

7 p.m. Dinner

8 p.m. Scavenger Hunt through Cabela’s with prizes.

RV Campers are welcome to stay overnight in the Cabela’s parking lot. Dump Station and water access. (*no hook-ups*) Campers can also pitch a tent or sleep in one of Cabela’s tents.

Saturday April 21st

7 a.m. sign in (*pre-registration required*) and Continental Breakfast.

8 a.m. to noon, 2 classes of your choice.

12p.m. to 1 p.m. Lunch and Group Photo

1:30 p.m. to 5:30 p.m., 2 more classes of you choice.

5:30p.m. Dinner and raffle games and auction.

Questions Please Call: Event Coordinator, Claudia Pappas 801-766-2500

WITO Regional Coordinator, Tracy Jarvis 801-754-1193

CLASSES (*Each participant will be able to take 4 of these classes*)

Archery: Cabela's experienced staff will cover safety, gear, tips on shooting, and hands on shooting at targets. Bows are lightweight and easily pull back. Safety gear and arrows will be provided.

Big Game Hunting: Guided tour of Cabela's museum with information on how to go for the big one yourself. Learn what the difference in "Boone and Crocket" and "Pope and Young" records are, while learning how to score the bucks on your own.

Camping: Everything you need to know on how to set up a camp. To include tent set up, lantern lighting, cook stove options, water purifiers, and much more!

Camping and Adventures in Utah Trivia game: Play the game and take a copy home to add to your camping gear for future family fun time.

Birdhouse Construction: Build, paint, and decorate a birdhouse.

Decorating your cabin: Learn the stylish technique, then make a plan for your home or cabin to give it the look of "Jackson".

Album in a Box: Please bring 10-12 outdoor photographs you would like to use. We will be cutting them to fit, so make sure they are not your only copies. Fun crafty photo box.

Fly Casting and Tying: Cabela's experienced staff will get you casting just like you were born to do it. Then, tie a fly for a souvenir.

G.P.S.: Learn from an experienced Cabela's staff member how to use your GPS and the benefit's of having one.

Plant I.D. Learn a variety of native plants and take home a nice flip chart to put with your camping or hiking gear for future references or experiences. There are so...many edible and medicinal plants in our mountains that we could take advantage of if we only knew what they were.

Survival Kits: Come learn and pack a small survival kit that will easily fit on your belt or in your backpack. Make and take!

Turkey Hunting: Learn what it takes to sound like a turkey. Make your own diaphragm call. Tips by experienced NWTF turkey hunters.

Wall Board Signs: You will paint and adhere vinyl lettering to make a fun decoration for your home, cabin, or RV. Additional fee of \$10 per sign for this class.

Optics Seminar: Learn how to use your binoculars to their fullest and try out Cabela's brand optics. Experienced Cabela's Optics Outfitters will be on hand to show you how fun optics can be!

Fee of \$60 will include: activity materials, expert instruction, class materials, 4 meals, use of Cabela's parking to camp, 1 yr. Subscription to "Women in the Outdoors" magazine and membership (or extension to current). *Rain or shine, event will proceed.* **FIRST 25 REGISTRANTS WILL RECEIVE A FREE GIFT!**

Must register by April 15th, no refunds or cancellations after this date. Send form below and fees to:

Tracy Jarvis P.O. 793 Santaquin, Ut 84655 (*checks payable to Provo River Rio's*)

NAME:

ADDRESS:

PHONE:

EMAIL:

EMERGENCY CONTACT AND PHONE #:

Please list your 4 class choices: 1. _____ 2. _____
3. _____ 4. _____

Please list your 2 alternate choices:

1. _____ 2. _____

If taking the Wall Board Signs class include \$10 per sign. And circle sign/s sayings below. (You would have time for 1 or 2 signs per class time)

"I'd rather be lost in the woods than found at home"

"Outdoor Adventure" "Gone Fishing" "A hunting we will go"

(classes will be cancelled due to lack of interest)

News from Ski Utah

Are you ready for some excitement this weekend? If so, Utah's the place to be. Check out these exciting events happening in Utah this weekend.

U.S. Freeskiing Nationals at Snowbird

Have you ever wanted to see someone huck a 30 foot cliff in person? Come up to Snowbird this weekend and your wish will come true. The Freeskiing World Tour has returned to Snowbird for the season kick-off before heading to Les Arcs, France and culminating at Kirkwood, CA. Spectators are welcome and there is no charge to watch any of the U.S. Freeskiing events but a valid lift pass is required to access the upper mountain. The finals for this event will take place on Saturday, March 10th. (weather day is Sunday, March 11th) Get there early to see the world's best freeskiers huck for dollars. Go to <http://www.Snowbird.com> for more information and contest results.

World Superpipe Championships at Park City Mountain Resort

In the spring, some of the hottest action on the mountain goes down in the pipe. This Saturday and Sunday, that will be especially true as the world's best skiers and snowboarders drop into Park City Mountain Resort's world-class superpipe to battle for a \$90,000 cash purse. The action will be fast and furious as the world's best take the competition to new heights. Don't miss out on this special event. On Saturday the snowboarders go for it and on Sunday the skiers take over. Go to <http://www.worldsuperpipe.com> for more details.

Quicksilver Canis Lupus Challenge

On Saturday, March 10, The Canyons will host the Quiksilver Canis Lupus Challenge. In the old days, it was called The Natural (natural half-pipe) and the James Bond trail (for resembling a banked bobsled run). Call it what you will. Canis Lupus is a mile-long gulley that serves up banked walls, turn after turn and whoop-de-dooos that will throw you off track if you are not prepared. There will be a few banked slalom gates at the top, then a "not-so-straight shot to the finish." Go to <http://www.thecanyons.com> for more info.

Park City Telemark would like to announce an all-day telemark clinic for local youth. The “Tele Pow Wow” will be held at The Canyons on March 11th. The clinic is geared towards confident alpine skiers and snowboarders in grades six through nine, and telemark skiers of all abilities.

Cost is \$50, and includes all day coaching from established telemark instructors and professional athletes. Cost does not include lift ticket, lunch, or telemark gear rentals. Youth and small-size telemark ski and boot rentals are available in limited quantities at White Pine Touring, Wasatch Touring, Kirkham's, Wild Rose, and REI. Cost of a day ticket for youth ages seven to twelve is only \$43 at The Canyons.

There will be beginner, intermediate, and advanced groups. Space is limited to a maximum of 24 kids, so participants are encouraged to sign up early at <http://www.pctelemark.org>.

The Tele Pow Wow kicks off the recruiting drive for the 2007-08 Youth Tele Tribe, a new youth winter sports organization. Watch the website for more information.

Questions about the Tele Pow Wow, Youth Tele Tribe, and PC Telemark should be directed to Mike Sharp at 435-940-0590 or 435-640-2727, or info@pctelemark.org

New Utah Lake Commission Established With Formal Signing of Legislation, Interlocal Agreements

PROVO, UTAH * The blue expanse of Utah Lake will provide a scenic backdrop as Governor Jon Huntsman, Jr. is joined by local and state officials for the ceremonial signing of HCR 1, a House Concurrent Resolution approving the state's participation in the newly created Utah Lake Commission and an obligation to provide 35% of the commission's annual budget.

Following the signing of HCR 1, the mayors of American Fork, Genola, Lehi, Lindon, Orem, Provo, Springville and Saratoga Springs will join Utah County Commissioners and representatives from the state departments of Natural Resources, Environmental Quality and the Central Utah Water Conservancy District, for a ceremonial signing of the interlocal agreement. The interlocal agreement establishes the new commission and defines its role and the scope of its authority and activities. The ceremony will be held on Friday, March 9, 11:00 a.m., at the Utah Lake State Park Visitors Center. Light refreshments will be served.

The creation of the Utah Lake Commission is the end product of more than two years of detailed study and review on the part of the Utah Lake Study Committee. The study committee is composed of approximately thirty members including local mayors, county commissioners and state and federal representatives and is chaired by Provo Mayor Lewis Billings. In September 2006, the study committee unanimously proposed the creation of a Utah Lake Commission. The study committee identified several key objectives for which the commission would have responsibility including:

- Encourage and promote multiple uses of the lake
- Foster effective communications and coordination between all lake stakeholders.
- Promote resource utilization and protection.
- Maintain and develop recreation access to the lake.
- Monitor and promote responsible economic development.
- Enhance and maintain Utah Lake as a valuable resource.

In October 2006, the study committee hosted three public forums to solicit comments from all interested stakeholders on the proposed interlocal cooperation agreement as well as the objectives of the proposed commission. On December 1, 2006 after a careful review of citizen comment from the three public forums the study committee voted to move forward with the formation of the Utah Lake Commission which required the legislation contained in House Concurrent Resolution 1, sponsored by Representative Steve Clark, R-Provo and Senator Curt Bramble, R-Provo.

In commenting about the formation of the new Utah Lake Commission, study committee chair Mayor Lewis Billings notes, "Utah Lake is one of the state's greatest natural resources and the stakeholders have now come together in an effective way in this new commission to champion the lake and to resolve the issues that have stalled any meaningful progress for decades. The Utah Lake Commission is based on a governance model of cooperation and consensus as the basis for addressing any and all issues concerning the lake."

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