

SEPTEMBER 2003

DALLAS SIERRA CLUB

THE COMPASS

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VOTE NO ON 12 ON SEPTEMBER 13

Proposition 12 is Bad for the Environment - Proposition 12 is an amendment strongly supported by the insurance industry that would give power to the Texas Legislature to set limits on jury awards in "civil lawsuits against doctors and health care providers, and other actions." - **read more about it on page 1**

THE 3RD ANNUAL DALLAS WATER CONFERENCE

SATURDAY, OCTOBER 4, 9:00 AM TO 4:30 PM

Find out when, where, who's speaking, and fill out the registration form **on page 3**

INCANDESCENT OR COMPACT FLUORESCENT

Which light bulb is the better deal? You be the judge **on page 5**

HEY KIDS!!! IT'S ALL HAPPENING AT THE ZOO...

Diane Baxter, Assistant Education Coordinator and Gail Delay Educator/Artist will visit the Dallas Sierra Club on September 10. "Within the Education Department, we strive to Inspire Curiosity, Correct Misconceptions about animals and Evaluate Truths and Fictions." They plan on bringing some of their furry, feathery and scaly friends as well. Be sure to bring your children or grandchildren.

For time and location of our general meeting see 'September's Program' on page 1.



THE COMPASS

A MONTHLY PUBLICATION OF THE DALLAS SIERRA CLUB



CODE ORANGE, CODE RED, CODE PURPLE OUR LUNGS ON LIFE-SUPPORT

- 20 Days & 125 Hours of Unhealthy Air for the 1-Hour Standard
- 65 Days & 2,152 Hours of Unhealthy Air for the 8-Hour Standard

Is this A Symptom of What Is To Come For the Rest of the Country?

Ozone levels this summer were turning every shade of the rainbow. One of our Sierra advocates, Katy Hubener, who is also the executive director of the Blue Skies Alliance, recently made these dirty air observations to recap how well breathers in Texas have fared this nasty ozone season.

Texas cities are among the smoggiest places to live. Houston is becoming the smog capitol of the country. With 16 days of unhealthy air under the one-hour standard and 21 days of unhealthy under the eight-hour standard, could Houston serve as a model for what's to come should Texas policies become law?

For residents in North Texas the numbers are far less grim, but not less hazardous. To date, the DFW area has experienced 3 days of unhealthy air for the one-hour standard and 20 days of unhealthy air for the eight-hour standard.

Did you hear of possible purple ozone warnings this year? It is important to emphasize that a "code purple" means that the air is unhealthy, not only for those who are most vulnerable, but also healthy adults.

The only level higher is a "code maroon" - a level of ozone which is rarely reached.

Ozone is formed when nitrogen oxides (NOx) and volatile organic compounds (VOCs) "cook" under the intensity of the sun. NOx and VOCs come from a variety of sources including smokestack industries such as cement kilns and power plants and mobile sources such as tractors, automobiles, school buses, and diesel trucks. Even small, two-cycle engines such as lawnmowers produce pollution.

During ozone season citizens can do their fair share for clean air by keeping their automobiles well maintained, carpooling, working delayed or stagger hours, filling up their vehicles in the evening, cutting back on utility usage by using non-mandatory household equipment such as dishwashers and washing machines in the evening, purchasing cleaner vehicles such as hybrids, buying energy efficiency equipment and homes.

For citizens wanting to take an active roll in the fight against smog, they can advocate for cleaner technologies at a local, state, and federal level and participate in cleaning up automobiles by reporting "smoking vehicles" by calling 1-800-453-SMOG.

Rita Beving
Media Coordinator

VOTE NO ON 12 ON SEPTEMBER 13 Proposition 12 is Bad for the Environment

There is a very important election in Texas on Saturday, September 13, 2003. The Legislature has set this date for voters to approve or reject 22 proposed amendments to the Texas Constitution. The proposition which has drawn the most attention and criticism is Proposition 12 - an amendment strongly supported by the insurance industry that would give power to the Texas Legislature to set limits on jury awards in "civil lawsuits against doctors and health care providers, and other actions."

The Legislature passed a law in its regular session this year that capped liability for non-economic injury (pain and suffering) in medical malpractice cases. The concern is that lobbyists used the medical malpractice crisis as an excuse to make radical changes to the Texas Constitution that would affect all civil actions, not just medical malpractice cases. The open-ended reference to "other actions" in the wording of Proposition 12 would allow the Legislature in future sessions to restrict other types of damages, including those caused by polluters, drunk drivers and manufacturers of dangerous drugs and other products.

Many Texas-based citizen, consumer and environmental groups have joined together in opposition to Proposition 12. Given the potential adverse effect on future victims of pollution, toxic torts and other violations of environmental laws, the

Executive Committee of the Lone Star Chapter of the Sierra Club, at its July meeting, unanimously approved a resolution opposing the adoption of Proposition 12.

The resolution states, in part, that "the Lone Star Chapter of the Sierra Club believes that intentional violators of the environmental laws and irresponsible polluters of the environment who cause property damage, personal injury or death to citizens of Texas should not be protected by limiting the non-economic damages which can be awarded against them, but rather should be legally responsible to fully compensate their victims for all economic and non-economic damages reasonably justified by the facts and evidence under the laws of the State of Texas."

All Sierrans are urged to vote NO on Proposition 12 in the Constitutional Amendment election on September 13. The insurance lobbyists and politicians they helped elect cannot change the Constitution unless the voters of Texas give them the permission to do so by passing this amendment. Don't give them this power by staying home. Every vote counts, especially yours. Vote NO on 12.

NOTE: Early voting in most locations: August 29 to September 9; Election Day: Saturday, September 13

David Griggs
Political Coordinator

SAVE OUR FORESTS! Letter Writing Party September 11

Your help is needed to save our forests! The Bush Administration's so-called "Healthy Forests Initiative" would, if passed, let timber companies cut timber in the heart of our National Forests and would constitute an unprecedented interference in our legal system. Gather with other Sierrans at a party to write letters urging Senators Hutchison and Cornyn to oppose the bill. Refreshments, sample letters, and information sheets will be provided. Date is Thursday, Sept. 11, at 7 pm, at the home of Cliff Rushing, 3910 Old Denton Rd., Apt. 613, Carrollton (just south of the intersection of Hebron and Old Denton Rd.). For more information call Cliff at 469-201-6484 (W) or 972-395-0146 (H). More information about this is on our website. If you can't make the party, please read about the issue on the website and send a letter. Thanks for your help!

Cliff Rushing
Forests Coordinator



SEPTEMBER'S PROGRAM

HEY KIDS!!! IT'S ALL HAPPENING AT THE ZOO...

With a stated goal of creating a learning environment where diverse people develop an appreciation of natural habitats and animals that live there and inspire people to protect and conserve these habitats and animals, the Dallas Zoo and environmentalist have a lot in common.

Diane Baxter, Assistant Education Coordinator and Gail Delay Educator / Artist will visit the Dallas Sierra Club on September 10. "Within the Education Department, we strive to Inspire Curiosity, Correct Misconceptions about animals and Evaluate Truths and Fictions." They plan on bringing some of their furry, feathery and scaly friends as well. Be sure to bring your children or grandchildren.

Ms Baxter stated, "Loss of habitat is a big issue for animals, as the human footprint expands into previously undeveloped areas, animals lose their habitat and the animal population declines. Every animal - large and small - has a purpose. Why are we hurting them by reducing their habitats and polluting their air and water?"

Also Featured: Jeanne Patterson from the Texas Bicycle Coalition (www.biketexas.org), a non-profit organization dedicated to advancing bicycle access, safety and education in Texas.

October's Meeting: Dr. Martha Marks from Republicans for Environmental Protection (www.REPAmerica.org) will speak at the Sierra Club's general meeting. In an interview with Martha in the March / April 2003 edition of Sierra Magazine she described her organization as "mainstream, conservative Republicans" who are "leery of the anti-environmental element in our party, and concerned about what they may be planning."



The Dallas Sierra Club's general meetings are held the second Wednesday of each month. Meetings are open to all interested persons. The meetings begin at 7pm at the E.D. Walker School on the corner of Montfort and Wozencraft, MAPSCO 15S.

	Galleria	Valley View	
		LBJ Freeway	
		Harvest Hill	
		E.D. Walker Vanguard School	
		Wozencraft	
Tollway	Montfort / Nuestra	Forest Lane	Preston Road

THE COMPASS

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P.O. Box 800365
Dallas TX 75380-0365

Address Changes: To change your address, send your name, old and new addresses and member number to:

Sierra Club Member Services
PO Box 52968
Boulder, Colorado 80322-2968

or email the information to:

address.changes@sierraclub.org

Submissions: Article and photograph submissions are always welcome. Please send submissions by the deadlines given in the General Calendar. Send submissions to the newsletter editor at the e-mail address and phone number listed on the back fold.

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LETTER FROM CHAIR

Understanding "The Next Industrial Revolution"

There are visionaries who understand our environmental problems and can see the solutions, but how do we get decision-makers to pay attention to what they have to say?

There are two books that I think are "must-reads" for anyone who makes decisions about the investment of capital, participates in the creation of policy, or cares about the environment or the economy: *Eco-Economy: Building An Economy For The Earth*, by Lester Brown, and *Natural Capitalism: Creating the Next Industrial Revolution*, by Paul Hawken, Amory Lovins and L. Hunter Lovins.

Who should read these books? CEOs, CFOs, accountants, architects, engineers, fund managers, venture capitalists, policy-makers at every level, candidates for public office, and environmental activists, too.

We in the environmental community are aware of the fundamental problem: that our affluent western way of life, as it is currently structured on a fossil fuel-driven, high resource consumption model, is simply unsustainable. Both books lay to rest any assumption that we can afford to continue to conduct business in this way or that developing countries can afford to follow our example. But what is the alternative? How do we go about meeting the needs of all human beings in a way that does not jeopardize the well being of future generations?

Eco-Economy focuses on the need to transition to renewable energy and the economic incentives and disincentives that can make that happen. Natural Capitalism calls for nothing less than "the next industrial revolution," a radical improvement in resource productivity and the adoption of a new kind of capitalism that values and invests in the natural systems that are essential to a healthy, sustainable economy and long-term prosperity.

Natural Capitalism is full of hope, bursting at the seams to demonstrate that a radical transformation in the way we live, organize economies and supply goods and services is not only possible but holds infinite opportunities for the improvement of the human condition around the globe. The authors seek to "dispel the long-held belief that core business values and environmental responsibility are at odds" and show "that there is no true separation between how we support life economically and ecologically."

"Natural capital" is made up of the resources, living systems and ecosystem services that support life. Examples include forests, wetlands and coastal environments. They produce both goods (such as wood and fish) and provide essential services (such as cleaning the air, producing oxygen, flood control, storm protection, waste treatment and recycling, climate regulation, etc.).

These goods and services cannot be produced by human activity, and there are no available substitutes when they are depleted or destroyed.

Our current system of economics and accounting, however, not only fails to place appropriate values on these resources and systems, it often values their depletion as income. So one of the principles of natural capitalism is to establish values for natural resources and systems, or make decisions in business planning, public policy and public behavior as if appropriate values had been assigned to those resources and systems. Not only must we stop the depletion of natural capital, we must invest in its restoration and expansion. This calls for a fundamental re-thinking of the structure and reward system of commerce as well as the way we define and measure economic health and progress.

One of the cornerstones of natural capitalism is radical resource efficiency, and the book is replete with ideas, based on actual experience, for achieving huge efficiencies in the use of materials and energy to construct buildings, produce cars and consumer products, design industrial systems and redesign cities. The goal is to use fewer resources and less energy to meet society's needs, often substituting delivery of a service for the sale of a good. It explains how "biomimicry", learning from processes found in nature to design industrial processes, can enable the constant reuse of existing materials, reducing the use of virgin resources and often eliminating the toxic byproducts of manufacturing.

What about the cost of such a transformation of our economy? The cost would be recovered through reductions in the massive and costly waste that characterizes our current industrial economy. Only one percent of the total North American materials flow ends up in, and is still being used within, products six months after their sale. Remarkable examples of waste are offered in the book. After reading the description of how aluminum can be manufactured, for example, you'll never look at a canned soda the same way again.

The authors cite Herman Daly, former World Bank economist and pioneer in the field of ecological economics, for the proposition that "humankind is facing a historic juncture: For the first time, the limits to increased prosperity are due to the lack not of human-made capital but rather of natural capital." This is forcing a "profound restructuring of the economy" that requires us to change consumption and production patterns, which "is the only way to improve the quality of life everywhere in the world at once, rather than merely redistributing scarcity." (pp. 156-158)

The Sierra Club is bringing two very important speakers to Dallas in October: Dr. Martha Marks, founder of Republicans for Environmental Protection, and Dr. Peter Gleick, founder of the Pacific Institute for Studies in Development, Environment and Security, one of the world's experts on freshwater resources. Bring your friends and colleagues to hear Dr. Marks at our general meeting on Wednesday evening, October 8. Dr. Gleick will be speaking to water planners, business leaders and interested members of the community on October 9. Contact me for more information or if you want to hear Dr. Gleick speak. My email is ann@dallassierraclub.org.

Ann Drumm
Dallas Sierra Club Chair

GENERAL CALENDAR

9/3 • 10/1 First Wednesday. Executive Committee Meeting 6:30PM at REI 2nd floor meeting room (I-635 between Welch Road & Midway Road, MAPSCO 14Q), to discuss Club projects, policy and finances. All members are welcome to attend and participate. Call Ann Drum at 214-350-6108.

9/10 • 10/8 Second Wednesday. Sierra Club General Meeting 7:00-8:30pm in the auditorium at ED Walker School (Corner of Montfort & Wozencraft, MAPSCO 15S), come early to pick up activity materials and afterwards join the socializing at Juan's Cantina.

9/12 • 10/10 Second Friday. Deadline for electronic materials to be submitted to The Compass. E-mail matt@dallassierraclub.org or deliver diskettes to editors during the General Meeting.

9/17 • 10/15 Third Wednesday. Outings Committee Meeting 7:00PM REI (MapSCO 14Q), to discuss outings schedules and issues. All outings leaders, future outings leaders, and interested Sierrans are welcome. Call Mick Nolen at 972-991-9351 for more information.

9/22 • 10/20 Inner City Outings Meeting. Monday. 7PM at REI. Contact David McCallib at 972-438-1269.

9/24 • 10/22 Fourth Wednesday. Newsletter Party 7:00PM at the Churchill Recreation Center at Hillcrest & Churchill Way (MAPSCO 15V). Help sort, bundle and label the newsletter. Socializing afterward. Contact Donna Evans at 972-222-6134.



World-Famous Water Expert

IMPORTANT SPEAKER COMING OCT. 9

On Thursday, October 9, Sierra Club will host Dr. Peter Gleick, President of the Pacific Institute for Studies in Development, Environment and Security (www.pacinst.org), one of the world's experts on freshwater resources, water conservation, and an innovative thinker on 21st century water planning. He will speak to water planners, business leaders, and members of the non-profit and academic communities about his vision for water planning that includes an appropriate emphasis on conservation and minimizes the need for new, expensive and destructive reservoirs. Sierra Club members are welcome to attend. If you know of someone who should hear what Dr. Gleick has to say, please contact Ann Drumm at 214-350-6108.

ANNOUNCEMENTS

LOCAL ANNOUNCEMENTS

3rd Annual Water Conference

This all-day conference will be held at the Downtown Dallas Public Library, and the \$15 fee includes lunch (vegetarian lunch available). Advance registration required.

Water Expert - October 9

We're sponsoring a lecture by one of the world's experts on freshwater resources, Dr. Peter Gleick of the Pacific Institute (www.pacinst.org). Learn about the environmental, economic and national security implications of the decisions we make about water. Call Ann Drumm for info, 214-350-6108.

Run for ExCom!

Have you ever thought about serving on the Dallas Sierra Club ExCom? We're looking for people with the right leadership skills and enthusiasm. You don't have to be an old-timer in the club; new members can bring a lot of desired qualities to the table. We also need people to serve on the Nominating Committee. Watch the website for deadlines. For more info call Ann Drumm, 214-350-6108.

HELP WANTED! Volunteer Announcements On-line

Want to volunteer but don't have lots of time? Check out our new Volunteer Board and take home the card that describes a job that suits you. The approximate time commitment is indicated on the card. New opportunities posted each month! There's also an online version at www.dallassierraclub.org.

Help Save and Improve Curbside Recycling in Dallas

Mayor Miller's Recycling Task Force needs help lobbying the City Council now through September. Be an advocate at public meetings, meet privately with council members, and encourage community support for recycling in Dallas. Call Uma Philbrook, 972-242-2597.

Help Plan Volunteer Party

Our annual Holiday Party will be on December 13, and we need to start obtaining donations for the silent auction. If you can help, call Ann Drumm at 214-350-6108 or ann@dallassierraclub.org.

Garage Sale Saturday, October 18

It's getting closer! We need your donations. Ask family and friends for stuff, too! But we don't just need stuff - we need drivers and helpers to pick up large items; volunteers to sort, price and pack goods; and workers on sale day. See ad on page 7 for more details. Contact Joenie Mein at 214-320-3275 (joenie@dallassierraclub.org).

Help Plan our Big Event

We're forming a committee to investigate the possibility of bringing a nationally-known speaker to Dallas. If you have experience with major fund-raising events, or if you are interested in helping us plan an event to appeal to the community at large, we would like to hear from you. Call Mary Colston at 214-618-1424.

Be an Advocate to the Community

Are you interested in being trained to make presentations to the community on conservation issues? We're looking for energetic volunteers to help us build a long-term public education program. The first issue will be water conservation, and training will begin this fall. Contact Ann Drumm 214-350-6108.

Audio / visual help at meetings

We need someone to take responsibility for setting up and running the equipment at the general meetings. Contact Kristin Sands, 972-442-0491.

IMPORTANT CHAPTER EVENTS

OK, fellow Sierrans, mark your calendars for these important dates where Sierrans from all over the state from our 18 groups can get together to meet and have fun on different events throughout the year. Details will be finalized as the dates approach. For info on these events, call the chapter office at 512-477-1729 or access the lone star chapter website.

OCTOBER 17-19 (FRIDAY - SUNDAY)

Sierra Celebration at Lake Bastrop State Park near Austin at Bastrop. Outdoor fun with Sierrans at this neat location. More details forthcoming.

MICK NOLEN BECOMES DAD



Congratulations to Sierra's Outing Chair Mick and Jessica Nolen on the birth of their new healthy baby girl. Sarah Elizabeth Nolen was born at 12:51 PM CDT on Monday, August 11 2003 just shy of 8 pounds and measuring 19 inches. According to the proud papa, "She is bright-eyed and beautiful, according to a well-placed anonymous, unbiased grandparental source." We are sure the parents feel the same way.



SATURDAY, OCTOBER 4, 9:00 AM TO 4:30 PM

Did you know that Dallas uses more water per capita than any other major city in Texas? (up to 254 gallons per person!)

Find out more information about the spectrum of North Texas water needs, as we examine water projections for the future, the impacts and the considerations we should all make at this informative and insightful conference.

The Third Annual Water Conference, "Water for People and the Environment", will be back by popular demand including many new topics of discussion:

Water Challenges in Texas: Progress, Challenges, and Prospects?

Threatened Waterways - A Look at Texas' Caddo Lake?

Water Waste through Municipal Water Systems - How does it Affect Supply and Your Water Bill?

Desalination - Is it a Possible Answer to Water Problems?

Rainwater Harvesting - What is it and How to Do It?

Leak Detection- How to Detect and Repair It?

Water Conservation and Landscaping?

Changes the Recent Legislature has made in State Water Laws How Do these Changes Impact us as Consumers?

Special Guests include landscaping expert and talk show host Howard Garrett and Dwight Shellman of the Caddo Lake Institute.

Sponsored by the Arlington Conservation Council, Christian Life Commission, Dallas, Ft. Worth, and Waco Leagues of Women Voters, Citizens for Healthy Growth, Cross Timbers, Dallas and Ft. Worth Sierra Clubs, Ft. Worth Audubon Society, Lone Star Chapter of Sierra Club, National Wildlife Federation, Environmental Defense, Texas Center for Policy Studies, Tarrant Coalition for Environmental Awareness, Texas State League of Women Voters

For more information, call Molly Rooke at 214-369-6667 or Rita Beving at 214-373-3808.

Registration Form:

Name: _____

Address: _____

City / State / Zip: _____

Phone: (____) _____

E-Mail : _____

Please register ____ person(s) for the conference in DALLAS - Deadline: September 24th

I / we (specify number: ____) prefer a vegetarian lunch.

Enclosed is a check for \$ ____ (\$15 per person - fee covers registration/lunch) Make check payable to: Lone Star Chapter, Sierra Club.

Charge my credit card for \$ ____ . Expiration: _____
Type of card: ____ Master Card ____ VISA

Card no.: _____
Signature: _____

Return form and payment to:
Lone Star Chapter, Sierra Club, ATTN: Regional Water Conferences
P. O. Box 1931, Austin, TX 78767

SIERRA CLUB OUTINGS

WWW.DALLASSIERRACLUB.ORG



-  **BACKPACKING**
-  **CANOEOING**
-  **CAR CAMPING**
-  **CYCLING**
-  **DAY HIKING**
-  **EDUCATION**
-  **FISHING**
-  **SERVICE PROJECT**

Notice: To receive this outings list monthly via e-mail, send message to:

outings.list@dallasierraclub.org

Type **SUBSCRIBE OUTINGS LIST** on the subject line.

HOW THE OUTING PROGRAM WORKS

Dallas Sierra Club Outings are open to members and non-members. Some trips may require special qualifications and capabilities. The leaders of each outing / trip are serving in a volunteer capacity and assume no responsibility above that of trip organizer. If you have a medical problem, it is your responsibility to inform the leader before the outing / trip. Outing / Trip leaders are encouraged to participate in training and classes to increase their skills, but they are not paid professionals. They will assist you within their limitations. It is the responsibility of the participant to be aware of any personal limitations before going on an outing.

Radios and firearms are prohibited from all outings. Pets are not allowed unless specifically stated. All outings officially begin at the trail head or outing start point. Leaders cannot assign carpools, but may help coordinate ride sharing for energy conservation and to promote fellowship. All non-commercial transportation is the responsibility of the individual. Car-pooling is SOLELY voluntary, but the costs are shared. The usual method of sharing transportation cost is for all riders in the car, including the driver, to divide the cost of transportation equally. The recommended method of computing cost is to multiply round trip mileage by \$0.13 a mile for small cars, \$0.16 for large cars and \$0.19 for vans. Before leaving, be sure this or some other method is agreed upon.

Most outings require reservations. To participate in an outing contact the leader, who will decide if the trip you are interested in is suitable for you based on your capabilities and the demands of the trip. There is usually a limit to the number of people allowed on a given outing / trip. Reservations are necessary for outings unless otherwise noted. If you must cancel, inform the leader as soon as possible so that someone else can go in your place.

Please respect the wishes of your leader who has volunteered his / her free time to allow you to go on the trip of your choice. If you have any questions, or if you are interested in becoming a leader, contact either the Outings Chair or the appropriate Outings Committee Coordinator on the newsletter back page.

SEP 5 (FRI) DEADLINE for submission of outings to be listed in the September Outings List and October Newsletter. Someday I really am going to start taking this seriously, I mean it!!!

Contact: Mick Nolen
972-991-9351
mick@DallasSierraClub.org



SEP 7 TO SEP 12 - (SUN - FRI) HIGH SIERRA FLYFISHING The search of the elusive California golden trout requires a strenuous backpack trip of about 35 miles in the Ansel Adams Wilderness. Brookies, rainbows and browns will also be sought. This flyfishing trip is from Devil Post Pile to Tuolumne Meadows on the JMT. The trip is rated as strenuous and is only for those who have had extended backpack trips in bear country. Bear resistant canisters are required for food storage. A California non-resident fishing license and trout stamp is required for angling. There is a nonrefundable fee of \$5.00 for the wilderness permit. The check must be received by Feb 21, 2003 to meet the permit deadline. The trip is limited to 6 experienced backpackers. Contact the leaders who will determine if you qualify for the trip.

Leaders: Marcos Jorge
Steve Longley
972-394-2546 (H)
mjorge@ustgolfshaft.com



SEP 13 (SAT) BEGINNER BACKPACKING AND CAMPING CLASS Aimed at beginners, this class is an ideal way to learn about backpacking. Topics include: wilderness ethics, outdoor clothing, boots, backpacks, tents, sleeping bags, cookware, food, and preparing for a trip. Instructors are experienced Sierra Club leaders. There will be time for questions and a hands-on look at outdoor gear. Lunch of backpacking food is included. The class will be held at REI (second floor program room). REI is at 4515 LBJ Freeway, north side, between Midway and Welch. The class will run from 10:00 AM until 6:00 PM. The fee is \$20 for Sierra Club members and \$30 for non-members. No reservations necessary, just show up.

Contact: Arthur Kuehne
214-902-9260
arthur@akuehne.com



SEP 13 (SAT) WHITE ROCK LAKE CLEANUP Help clean up the Dallas Sierra Club's Adopted Shoreline. Meet at the For the Love of the Lake office parking lot on level below Eckerd's in Casa Linda Plaza (on Buckner facing Doctors Hospital, just north of Garland Road, Mapsco 38-J) at 8:00 AM for registration and refreshments.

Leader: Carol Nash
214-824-0244 (H)
cnash@dallasisd.org

SEP 17 (WED) OUTINGS COMMITTEE MEETING Meet in the upstairs program room at REI (on north side of LBJ between Midway and Welch), at 7:00 PM. Bring your

ideas for the Dallas Sierra Club Outings program. We will be planning summer outings and bus trips. All outings leaders, future outings leaders, and interested Sierrans welcome.

Contact: Mick Nolen
972-991-9351(H)
mick@dallasierraclub.org



SEP 20 (SAT) SPRING CREEK NATURE AREA DAYHIKE Enjoy the shade in summer under a forest canopy right in the city. We'll walk about 5 miles on a paved path. All you will need is water. Meet at 9:30 AM. The Spring Creek Nature Trail is in Richardson, (not the same as the Spring Creek Forest in Garland). Directions: From Central / I75 go east on Campbell Rd. Turn left / north on Plano Rd. and go 0.6 tenths mile and turn right on Lookout Dr. (sign will say Lookout Park at turn). Go 0.2 tenths mile past Owens Farm Factory to end of road and turn right into parking lot. Park near restroom building there.

Leader: Sonny Fee
972-671-2112
mfee2@msn.com

OCT 3 (FRI) DEADLINE for submission of outings to be listed in the October Outings List and November Newsletter.

Contact: Mick Nolen
972-991-9351
mick@DallasSierraClub.org



OCT 18 (SAT) RIVER LEGACY PARK BEGINNERS HIKE This hike is geared for those who don't hike much and may feel intimidated by longer ones. We will do a moderately paced 3-mile hike thru the woods near the West Fork of the Trinity over dirt trails. Meet at 10:00 AM at the first parking lot on your right after entering the park (look for large white van with DART logo), or at 8:45 am for carpooling at REI on LBJ Freeway (I-635) near Midway Road. Bring a picnic lunch for after the hike, and we'll enjoy a group picnic at the large outdoor pavilion. For those who want to hike after lunch, we will do the other part of the trail that runs another 3-miles. The park is located on Green Oaks Blvd, just west of Cooper St in Arlington (Fort Worth Mapsco 68M). To enter the park, turn north on Rose Brown May Pkwy from Green Oaks Blvd. No reservations necessary. Call for directions or carpool information.

Leader: Allan Logan
214-763-4884
alogan@raytheon.com



OCT 10-19 (FRI-SUN) KAYAK THE LOWER CANYON OF THE RIO GRANDE Spend eight days exploring this remote stretch of the Rio Grande, put in at La Linda and take out at Dryden. We will hike side canyons, explore caves, view petroglyphs, soak in hot springs and maybe run some rapids (class II-III). This is an isolated area. The only way out is down the river. The trip distance is approximately 84 beautiful

miles. Multi-day kayak experience is required. The group size will be small. Sign up early.

Leader: Bill Beach
214-824-4584 (H)



OCT 11-12 (SAT-SUN) BEGINNER BACKPACK IN MCGEE CREEK, OKLAHOMA This will be an easy hike to check out the legs and all that new gear. McGee is close enough that we can leave Saturday morning for the drive to the trailhead. We'll hike in about 3 miles to camp, then do some day hiking. Sunday morning will feature another easy dayhike, then we'll take a different trail back out to our cars.

Leader: Bill Greer
972-964-1781 (H)
wbgreer@worldnet.att.net



OCT 11 (SAT) WHITE ROCK LAKE CLEANUP Help clean up the Dallas Sierra Club's Adopted Shoreline. Meet at the For the Love of the Lake office parking lot on level below Eckerd's in Casa Linda Plaza (on Buckner facing Doctors Hospital, just north of Garland Road, Mapsco 38-J) at 8:00 AM for registration and refreshments.

Leader: Carol Nash
214-824-0244 (H)
cnash@dallasisd.org



OCT 21 (TUE) AND OCT 23 (THUR) WILDERNESS NAVIGATION CLASS

Learn the fundamentals of finding your way in the wilderness. Among the subjects covered are: purchasing maps, how to read maps, how not to get lost, what to do if you do get lost, GPS, different kinds of compasses, and how to use your compass. If you have a compass, bring it to the class. If you don't have one, we will show you what to look for when you purchase one. The class will be held at REI (second floor program room). REI is at 4515 LBJ Freeway, north side, between Midway and Welch. This two-night class will start promptly at 6:30 PM and will finish at about 8:45 PM. Also included is an optional weekend backpacking trip to the Caney Creek Wilderness in Arkansas. This trip will give you an opportunity to practice your new navigation and map reading skills. The fee for the class is \$15 for Sierra Club members and \$20 for non-members. No reservations are necessary; just show up.

Contact: Arthur Kuehne
214-902-9260
arthur@akuehne.com
Bill Greer
972-964-1781(H)
wbgreer@worldnet.att.net



NOV 8 (SAT) HEARD NATURAL SCIENCE MUSEUM & WILDLIFE SANCTUARY EXPLORATION Never been to the Heard Museum in McKinney? Here's your chance to explore the trails at the wildlife

CONTINUED ON
PAGE 5
THE COMPASS

sanctuary and hopefully spot some wildlife. Meet at 9:00 AM in the Heard parking lot and we'll hike approximately 4-miles on both paved and dirt trails. Admission to the grounds & hiking trails is \$5 per adult, \$3 for children 3-12 and senior citizens. If you decide to browse the exhibits in the museum in addition, the admission is \$8 per adult, \$5 for children and senior citizens. See the Heard website for directions & more info: www.heardmuseum.org. No sign up required; just show up. Optional lunch after the hike.

Leaders: Kim Unertl & Tim Coffman
469-323-2438



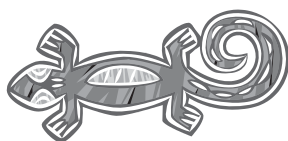
NOV 8-9 (SAT-SUN) EXPLORATORY BACKPACK AT MCGEE CREEK Come and check out this very nice natural scenic recreation area just two hours north of Dallas. It features thick woods with scenic bluffs, and interesting trails going down to the lake. We'll backpack over mostly familiar trails, then do day hikes to see if we can track down some others. Suitable for beginners. Drive up Friday night and stay at the state park, or leave home early Saturday morning and meet us at the trail head.

Contact: Mike Rawlins
972-783-0962
mike@rawlinseconsulting.com



NOV 26-DEC 1 (WED EVE - MON AM) ANNUAL BIG BEND BUS TRIP The Dallas Sierra Club Thanksgiving tradition continues with the annual bus trip to Big Bend. New This Year: An option to backpack the Rancherías Trail in the Big Bend Ranch State Natural Area (strenuous). The canoe trip option will be available again this year as well. If you've never been, you owe it to yourself to discover this unique part of Texas. If you've been before, take advantage of the new options! Our chartered sleeper bus leaves Dallas on Wednesday at 6:30 PM and returns about 4:30 AM on Monday. We will have four backpacking trips from moderate to strenuous and one canoeing trip through Boquillas Canyon where the walls tower to over 1,200 feet. Some backpacking experience is required for the backpack trips and some canoe/camping experience is required for the canoe trip. The trip cost is \$160 for Sierra Club members and \$175 for non-members. Add \$20 if you want to hike the Rancherías Trail (this covers the per night camping fees at the state park). Add \$115 if you want to do the canoe trip (this pays for the canoes, and canoe shuttle). The canoe trip is limited to the first 10 that qualify. A \$10 fee is charged for cancellations and no refunds will be made after November 11 unless a replacement is found.

Bus Trip Coordinator: Laura Kimberly
972-307-8364 or lkimberly@comcast.net. To sign up, send a check payable to: Dallas Sierra Club to Laura Kimberly, 3836 Belton Drive, Dallas, Texas 75287.



Running the Numbers

A major point of the book *Natural Capitalism* (see this month's Letter from the Chair) is that there are practical ways to help the environment and save money at the same time - that the right thing environmentally makes sense from a purely economic point of view. So how does this apply to my own household budget? I decided to find out by doing a simple cost-benefit analysis of the use of compact fluorescent bulbs (CFs) instead of incandescent bulbs in my home.

For the sake of this analysis I have chosen two widely-available GE bulbs: the Miser Indoor 120 watt flood that retails for about \$6 and a 27 watt (100 watt equivalent) CF spiral that sells for \$8. Both have about 1600 lumens. The flood has a 2000 hour life, the CF a 6000 hour life. I assume electricity costs \$0.10/KWH or \$0.01 per 100 watt hours. I also make the assumption that I use the bulbs for 1500 hours per year, or about 4 hours per day.

Given these values and assumptions, here's how I did the cost comparison:

Step 1: Determine the total cost of 6000 hours of illumination from each bulb. This involves determining the per-hour cost of electricity for each bulb at \$0.10/KWH.

Flood: Cost to run 120 watt bulb one hour at \$0.10/KWH is \$0.012. 2000 hours x \$0.012 = \$24.00, plus cost of bulb (\$6) = \$30.00 total cost of a bulb with 2000 hour life. Need 3 bulbs to run 6000 hours, total cost \$90.00.

CF: Cost to run 27 watt bulb one hour at \$0.10/KWH is \$0.0027. 6000 hours x \$0.0027 = \$16.20, plus cost of bulb (\$8) = \$24.20.

Step 2: Determine energy savings per hour. This is the difference in electricity cost to run the incandescent versus the CF bulb. Energy to run incandescent, less energy to run CF ($0.012 - 0.0027$) = Energy savings per hour of \$0.0093.

Step 3: Determine simple payback. This isn't necessary to my analysis, but after reading *Natural Capitalism*, I wanted to know the simple payback time, or break-even point. In other words, how many hours must the CF bulb operate to break even with the cost of operating the incandescent bulb? Here is the formula, with "X" being the number of hours:

$$\$0.012X + \$6 = \$0.0027X + \$8$$

X equals 215 hours, which means as long as my CF bulb runs at least 215 hours, it is as economical as the incandescent flood.

Step 4: Determine the net energy savings over the life of the CF bulb and annually. In step 2, I calculated the hourly energy savings as \$0.0093. Assuming my CF bulb lasts its advertised 6000 hour life, the total savings is \$55.80 ($6000 \times \0.0093). Subtract from that the \$2 incremental cost of the bulb (\$8 - \$6), and the net savings is \$53.80 over the life of



the bulb. If I run the bulb 1500 hours per year, and the bulb lasts 4 years, that's a net savings of \$13.45 per year.

Step 5: Determine the total savings if I replace all of my bulbs. I have 50 recessed cans in my home. If they each have a CF bulb, that's a savings of \$2690 over the life of all of the bulbs ($\$53.80 \times 50$). If they all last their advertised 6000 hour life, lasting 4 years at 1500 hours per year, that's \$672.50 per year savings over the comparable incandescent flood.

As a practical matter, some of my CF bulbs have started burning out after about 1 year. This distressed me enough to call an expert to ask why. I was told two things: (1) the advertised life is an average under lab conditions; some bulbs will burn longer, some not as long; and (2) every time you turn a CF bulb on and off you use up 3 hours of its life. Like a good energy-conscious Sierran, I had been turning the lights off whenever I left the room, prematurely using up the CF bulbs. It looks like it's more economical to leave the lights on (if I'm at home and in and out of the room) because the savings from using the small amount of additional electricity is a significant delay in the need to purchase (and expend more energy to manufacture) a replacement bulb.

Don Callaway offers this additional insight in response to the question, should you turn off the lights? An \$8 CF bulb costs you \$0.001333 per hour of life ($\$8/6000$ hrs). If turning it off reduces its life by 2.5 hours (3 is max) it costs you \$0.00333 every time you turn it off. A break-even analysis indicates that if you are going to leave it off for more than 1.23 hours ($\$0.00333/\0.0027), it is less expensive for you to turn it off.

Even if I'm only getting half of the rated life from the CF bulbs, or 3000 hours, I still have a net savings of \$25.90 per bulb ($3000 \times \$0.0093 = \27.90 , less the \$2 incremental cost = \$25.90), which over a two-year life is \$12.95 per year. Multiplied by 50 bulbs, that's a total annual savings of \$647.50, still ample to justify the investment in CF bulbs.

Ann Drumm
Chair

SEPT 14 (SUN) FOSSIL RIM by MOUNTAIN BIKE Join us at 10:00 AM at Fossil Rim Wildlife Center, Glen Rose, TX. Anyone interested in some mountain biking with a side of conservation biology talk (or vice versa, depending on your perspective) is welcome. Regularly scheduled "Ride the Rim" tours go on all summer and into the fall. With enough participants, the Sierra Club group can have a tour alone. The tours involve some intermediate mountain biking to and from the "animal areas," where your guide (Mike) will discuss some of the conservation initiatives and research projects currently underway at Fossil Rim Wildlife Center. The fee for the tour is \$30 per person in order to support the program and the Center. Please contact Mike Maslanka or call him at 817.759.7142 (w), 817.738.9115 (h) with questions or to sign up. Mike will receive your \$30 by Sept. 6 in order for you to attend the bike ride. Make checks payable to Mike Maslanka (write one big check to Fossil Rim) and mail to Mike Maslanka, 3212 River Park Lane S #223, Fort Worth, TX 76116.

SEPT 15 (MON) DINNER AT EL CHICO MEXICAN RESTAURANT Join us at 7:30 PM for dinner, located on Collins about one block south of I-30 in north Arlington. [NOTE the address change. The restaurant on Division is now closed.] Hopefully they will still be featuring 99-cent nachos and some 99-cent beers. Contact: Jenny Lehman.

SEPT 21 (SUN) SIXTH FLOOR MUSEUM AT DEALEY PLAZA This year will be the 40th anniversary of the assassination. We will meet at 2:00 PM, near the main entrance. The museum is located 411 Elm Street in Dallas. See their website at www.sixthfloormuseum.com. The pricing with the audio tour will be \$13, and \$10 without. Optional lunch before we see the museum and optional afternoon tea following. No reservations necessary, but if you want to participate in the lunch or to make sure you meet up with us, please contact Allan Logan or call him at 214-763-4884.

OCT 20 (MON) DINNER AT MULLIGAN'S At 7:30 PM, join us for dinner at Mulligan's, located at 2115 W. Lovers Lane (near Harry Hines) in Dallas. Contact: Jenny Lehman.

OCT 25 (SAT) FORT WORTH ZOO Join us at 10:00 AM at The Fort Worth Zoo, Fort Worth, TX. We welcome anyone interested in visiting the Zoo, and getting a wildlife nutritionist's perspective (Mike) on a short front and back side tour of the Park. Consignment tickets are available at a discounted rate from normal gate costs. Ticket fees go to support the Zoo, its operations, and conservation initiatives. Adults are \$7, kids are \$4.50, and children 2 and under are free. It should be a milder time of year to see the Park, the animals, and chat about cool things going on at the Zoo! After the tour, there will be time to visit the rest of the animals in the Park, grab some lunch, and/or keep visiting with whoever comes along. Please contact Mike Maslanka or call him at 817.759.7142 (w), 817.738.9115 (h) with questions or to sign up. We'll need a solid head count by the weekend before the event (Oct. 18).

Just a reminder that all events officially begin at the event site / trail head. Contact for Sierra Singles information: Jenny Lehman, (817) 263 1357 or avidhiker@killerfrogs.com. See the Dallas Sierra Club home page for instructions on how to subscribe to the Sierra Singles listserv.

CONSERVATION NEWS



WWW.DALLASSIERRACLUB.ORG

WOMEN'S EDUCATION & LOWER BIRTH-RATES

Women are 70% of the world's poor. The more education women have, the more likely they are to have small families.

Evidence consistently shows that women's empowerment/education is key to reducing population growth which relieves stress on the environment, thus improving the lives of all people. Gender inequities – the restrictions placed on women's choices, opportunities, and participation – have direct and detrimental consequences for women's health and education, and for their social and economic participation. United Nations' studies reveal that societies where gender discrimination is greatest have higher birth-rates, poverty, slower economic growth, and a lower quality of life.

What is needed to empower women?

- Improve access to education and literacy

- Increase access and funding to family planning, reproductive health and STD prevention. Outside the U.S. contraceptive use has quadrupled since 1965: from less than 10% to 43%

- Address inequities in laws affecting marriage, property, wages

- Implement equitable political and cultural participation

- Improve efforts to address violence against women

Ensuring women's civil rights around the world is not only basic human rights policy, but sound environmental policy, as well.

Gayle Loeffler
Population & Environment Committee

CONSERVATION CALENDAR

ELECTION • SEPTEMBER 13 (SATURDAY)

Vote NO on Proposition 12. See article here in the newsletter for details.

SEPTEMBER 21 (SUNDAY)

LA MADELEINE FOOD AND CONSERVATION CONVERSATION

Attacks on the Clean Air Act, an energy bill that continues dependence on dirty fossil fuels and power plant bills that are wimpy on clean up regulations, federal state and local governments dragging their feet and catering to polluters—what can we do? Plenty! Write and call our elected officials and public policy makers, write letters to the editor, attend meetings and hearings, etc. We have lots of ideas and there is much to do. We just need you and others to help.

Find out what's happening locally, around the state and nationally on air quality issues and how you can help at our monthly meetings at a Mexican restaurant, where you can get informed and meet with others who care about clean air, while eating dinner and drinking Margaritas. Come and bring others who may be interested.

OCTOBER 4 (SATURDAY)

3RD ANNUAL DFW WATER CONFERENCE

Located at the Dallas Downtown Library from 9 to 4:30 pm. Hear from the experts on water conservation including the topics of saving water through organic gardening and rainharvesting. See what problems Texas may be facing in water supply. Special guest speakers: the "dirt doctor" Howard Garrett and Caddo Lake Institute Dwight Shellman. See ad for more details. Cost: \$15 (includes lunch). Go to dallassierraclub.org or call Molly Rooke at 214-369-6667.

CLEAN AIR WEDNESDAYS



Laura Preston is a student at Woodrow Wilson High School in Dallas. She's the September "Clean Air Wednesday" COMMUTER OF THE MONTH and will receive a FREE month-long Premium DART pass for submitting this article.

STUDENT'S OUTING FREES PARENTS FROM DRIVING

This summer, I have discovered that the DART public transportation system is a helpful and inexpensive way to get me and my friends to the places we want to go without having our parents chauffeur us. Being 15 is not an easy age; we have a permit to drive, yet we still don't have the freedom of having a car. That's where DART comes in to play.

If we want to go shopping or the movies, there is a shuttle, DART On Call, that you can request to take you anywhere in Lakewood - or within about a 3 mile radius. In order to get to Northpark mall, I make a call to the DART On Call shuttle and tell them my address, what time I want to be picked up, and my desired destination. It normally takes about 15-30 minutes for them to come to pick me up and take me where I want to go.

My choice is to have them drop us off at Mockingbird Station where we catch the Plano (Red Line) train and get off at the Park Lane station. There is a trolley that is specifically used for transporting people

from the Park Lane station to Northpark and back. We use the same way to get back to my house after we've shopped 'til we've dropped.

The great thing about using DART is that students can get a day pass for only \$1.00 at a student reduced price. Its only inconvenience, however, is it takes longer to get where you want to go, with waiting for the train or bus or trolley. But it makes me feel independent, and I would definitely recommend to any teenager to use public transportation. Laura Preston is a student at Woodrow Wilson High School in Dallas. She's the September "Clean Air Wednesday" COMMUTER OF THE MONTH and will receive a FREE month-long Premium DART pass for submitting this article.

By Laura Preston

Do you have a Clean Air Wednesdays story? We'd love to hear it. Contact Bud Melton at 214-828-2144 (H) or e-mail Bud at mellow@swbell.net



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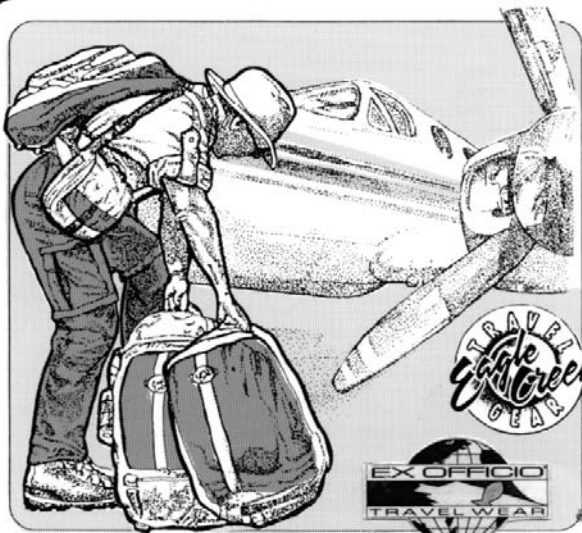
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If you shop at Tom Thumb - go to the service desk and get a reward card by giving them the Sierra Club #3941. They will explain how to use the card.

If you shop at Kroger - pick up a Kroger card at the next General Meeting, or call George Zimmerman at (H) 972-315-2049 or email george@dallassierraclub.org to get a card mailed to you.

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LIFE	<input type="checkbox"/> \$1000	<input type="checkbox"/> \$1250
SENIOR	<input type="checkbox"/> \$24	<input type="checkbox"/> \$32
STUDENT	<input type="checkbox"/> \$24	<input type="checkbox"/> \$32
LIMITED INCOME	<input type="checkbox"/> \$24	<input type="checkbox"/> \$32

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GARAGE SALE

October 18th

We need YOU! Your STUFF! And BOXES!

Saturday, October 18th, location, on Northwest Highway in east Dallas. Please donate: furniture, clothing, toys, linens, TVs, computers, bicycles, tools -- all in good repair and working order. Also solicit donations from your families, friends, and neighbors. Call to donate, volunteer, and work the sale on October 18th. This is a major fundraiser for the Sierra Club, we need everyone's participation.

For pick up contact:

Ann Drumm at 214-350-6108 • anndrumm@swbell.net
Rita Beving at 214-373-3808 • rita@dallassierraclub.org
Joenie Mein at 214-320-3275 • joenie@dallassierraclub.org

We also need people with day or nighttime availability with trucks or vans to help bring things to the storage space. Thanks for your help!

Paper or plastic?

Please help us collect supplies for garage sale!

We need:

- grocery bags (either kind)
- walkie-talkies
- power strips
- hanging racks
- extension cords
- fanny packs
- calculators
- tables
- boxes for storage
- packing tape
- cold drinks for volunteers and to sell
- small raffle prizes for volunteers

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