



## President's message

*by Ken Kurzawski*

One of the focuses of my presidency is the importance of professionalism in fisheries. The retirement and passing of a number of fisheries colleagues over the last year has led me to reflect on my professional career since receiving my M.S. degree from Southern Illinois University in 1980. This culminated when I received news that one of my co-advisors from SIU, Dr. William Lewis, passed away recently in North Carolina at the age of 89. I'm sure most of you don't know of Dr. Lewis or his work, but he was one of the pioneers in transforming both fisheries management and culture from an art to a science. His career stretched from the 1950's into the 1990's.

While his teachings in fish biology formed the basis for a substantial amount of my knowledge base, his commitment to the fisheries profession has had just as profound an influence on me. As a graduate student, joining and being active in the American Fisheries Society, attending scientific meetings, and publishing and presenting your work were activities you were expected to do. These weren't presented as suggestions or something that would be in addition to your regular work, but as an essential part of establishing yourself as a professional fisheries scientist. Dr. Lewis reinforced that message by holding us to the highest scientific standards and by his active participation in the AFS culminating in his service as president of the AFS in 1983.

I am extremely pleased with the recent high level of involvement of students and faculty members from Texas universities in the Chapter. I am confident this involvement will help these students plan their career in fisheries and give them insights on how to have a successful career. Our Chapter needs to continue to make student involvement a high priority. Their involvement is the lifeblood of our profession and our Chapter.

Our annual meeting is a great opportunity for students and established professionals to continue their participation in the Chapter. Please plan to attend and consider submitting an abstract for a presentation or poster. President-elect Craig Bonds is planning a great meeting for 2011 (see details below).

Have a great summer, get out, and enjoy our natural resources!

[ken.kurzawski@tpwd.state.tx.us](mailto:ken.kurzawski@tpwd.state.tx.us); 512-389-4591

## President-elect's message:

*by Craig Bonds*

Planning for next year's TCAFS annual meeting has been in full swing. Mark your calendars now. The 2011 meeting will be held February 10-12 at the Embassy Suites Hotel and Conference Center

([www.sanmarcos.embassysuites.com](http://www.sanmarcos.embassysuites.com)) in San Marcos. Recently built and located on the IH 35 corridor immediately NE of the outlet mall complex, this hotel offers many amenities which will make our next meeting comfortable and enjoyable.

Two potential meeting themes, centered on either fish habitat or invasive species, are being considered by the EXCOM. In addition to a themed plenary session, I expect a broad variety of contributed oral and poster



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presentations to interest all. Meeting specifics and program overview will be provided in the fall newsletter (Issue 3). If you have any suggestions or questions relevant to the meeting, please let me know ([craig.bonds@tpwd.state.tx.us](mailto:craig.bonds@tpwd.state.tx.us); 903-566-1615 X 202).



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## Continuing Education Committee report

*by Aaron Jubar, Continuing Education chair*

The TCAFS Continuing Education (CE) committee is still soliciting ideas for workshops to be held at our next annual meeting in February 2011. The chapter's CE courses are an integral part of our yearly meeting, and they are a great way to kick off the first day.

I'd like to welcome new members to the TCAFS CE committee: David Buzan (PBS&J); Mike Gore (TPWD); Dr. John Taylor (TPWD); Debbie Wade (TPWD); and Marsha Williams (UT-Tyler). I truly appreciate their time and willingness to help.

One of my goals as CE chair is to get as many TCAFS members certified through the parent chapter as possible. I strongly encourage you to obtain your certification as a fisheries professional. The process is fairly straight-forward and you can contact me with any questions you may have.

Please contact me with workshop ideas/suggestions, or if you'd like to volunteer your time.

e-mail: [aaron.jubar@tpwd.state.tx.us](mailto:aaron.jubar@tpwd.state.tx.us) , phone: 903-593-5077

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## Student Outreach report

*Mandy Scott, Student Outreach Chairperson*

Summer is almost here, which means Bass Brigade is just around the corner! This unique fisheries-based leadership camp for teens will be held July 12-16 at the Warren Ranch in Coleman County. All 24 cadet positions have been filled, as well as the adult leader positions. The Texas Chapter will be very well-represented at Bass Brigade this year, with at least 5 members volunteering as leaders or instructors! If you would like to learn more about the camp, call Mandy at 325-651-5556, or visit [www.texasbrigades.org](http://www.texasbrigades.org). Also, please consider supporting Bass Brigade by purchasing raffle tickets to win one of three guided fishing trips or a fishing kayak! Tickets are \$10 each or 5 for \$40. Contact any Bass Brigade committee member for more details.



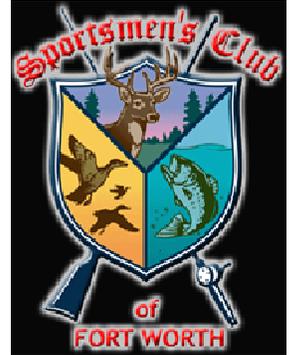
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# Sportsmen's Club of Fort Worth; A New Relationship in the TCAFS Student Scholarship Program

*by Dave Terre, Endowments Committee Chairperson*

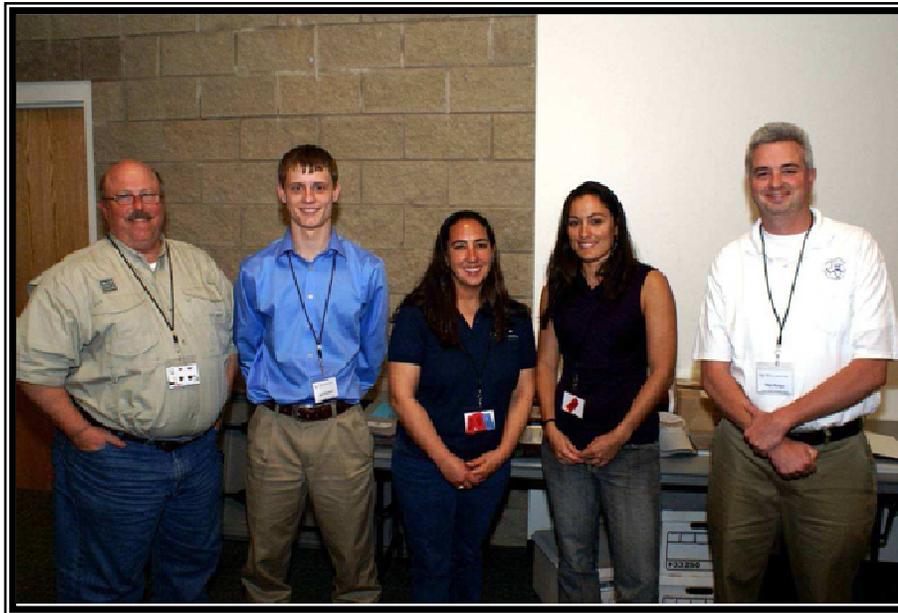
The Texas Chapter of the American Fisheries Society (TCAFS) has established a new relationship with the Sportsmen's Club of Fort Worth to deliver scholarships to deserving Texas fisheries students.

The Sportsmen's Club of Fort Worth has decided to fund two \$1,500 scholarships, in 2011, to honor the legacy of Harry Tension; one of their club founders and avid Texas outdoorsman. "The Sportsmen's Club has had a long-standing scholarship program for students residing in the Fort Worth area, but has now decided to partner with the Chapter to broaden our reach to deserving Texas fisheries students across the state" said Eric Hyden, Sportsmen's Club of Fort Worth Scholarship Committee Chairman. "The goals of our organization align well with those of the Texas Chapter. Both organizations are focused on outdoor education and wildlife conservation, with a special focus on programs that benefit youth".



"I'm excited about this new relationship with the Sportsmen's Club of Fort Worth and the possibilities for Texas fisheries students", said Dave Terre, TCAFS Endowments Committee Chairperson. "This relationship will give us the capacity to expand our scholarship program and reach more students; helping them attain their educational and career goals in fisheries conservation, research or management".

The Sportsmen's Club of Fort Worth also made a generous \$2,000 donation to the TCAFS Student Scholarship Endowment Fund as a contribution towards the three scholarships that were awarded at the 2010 annual meeting held in Athens Texas. Scholarship recipients this year were Jake Wimberley (BS, TAMU), Laura Bivins (MS, TAMU, Corpus Christi), and Gabby Ahmadia (Ph.D., TAMU, Corpus Christi).



To find out more about the Sportsmen's Club of Fort Worth, please visit their website (<http://www.sportsmensclub.org/index.htm> ). You will be hearing more about this exciting new relationship in future TCAFS newsletters. We are very thankful for the Sportsmen's Clubs generosity and support of Texas' fisheries students and the TCAFS.

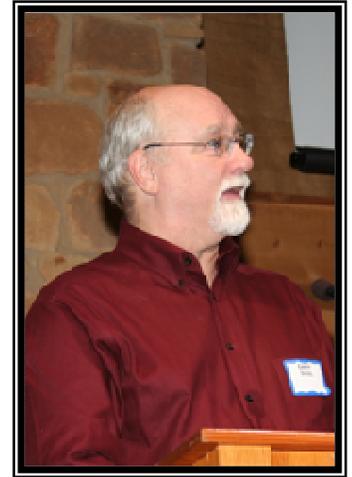
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# Gary Saul, New TPWD Inland Fisheries Division Director

By  
*Michele Nations and Aaron Barkoh*

On May 6, Ross Melinchuk, Texas Parks and Wildlife Department (TPWD) Deputy Executive Director for Natural Resources, announced his selection of Dr. Gary Saul for Inland Fisheries Division Director. Gary had been the interim division director since January 1 of this year after Phil Durocher retired.

Gary has a very strong academic background. He received his BS in zoology (marine science) from North Carolina State University, MS in fisheries and MAPST in experimental statistics from Louisiana State University (LSU), and doctorate in fisheries and wildlife sciences from Virginia Polytechnic Institute and State University. He has published at all levels including co-authorship of a book, a chapter in a book, referred journal articles, and numerous technical reports. Throughout his diverse careers, he has made numerous presentations at international, national, regional, and local levels. In 2004, he delivered the keynote speech at the Institute for Fisheries Management Annual Meeting in England.



Gary has impressive strengths developed through diverse work experiences. . After graduate school he worked for the US Army Corps of Engineers (USACE) waterways experiment station in Vicksburg, MS. He participated in the development of programs for monitoring the impacts of reservoir releases on downstream biotic communities and performed quantitative and qualitative evaluations of fishery resources in lotic and lentic waters. These tasks required considerable, timely coordination among states, the US Fish and Wildlife Service, and USACE. He gained extensive experience in the design, analysis, and management of natural resource data, including the design and analysis of reservoir water quality sampling protocols and the design of reservoir water quality database management systems. Using knowledge gained by that experience, he developed database management strategies and statistical sampling designs for a USACE national water quality research program. Concurrently, he was also an adjunct professor in the Department of Experimental Statistics at LSU.

From 1982 to 1986, Gary worked at TPWD as the Finfish Program Director/Director of Harvest Programs in the Coastal Fisheries Division with a staff size that increased from 30 to more than 100 professionals and technicians. In that capacity, he led the development of a statewide coastal fisheries harvest-monitoring program that provided statistically reliable information for decision making. He also participated in the development and implementation of conceptual plans for management of Texas coastal fisheries and developed methods to evaluate management decisions. During this time, he was appointed to the Gulf of Mexico Fishery Management Council and Gulf States Marine Fisheries Commission where he contributed to the development of federal, interstate, and state fishery management plans.

After leaving TPWD in 1986, Gary became an assistant professor at Southwest Texas State University in San Marcos where he taught undergraduate courses in biology and a graduate course in ecology.

The private sector lured him away very quickly, though. Between 1987 and 1997, he became a senior scientist in one company then decided to start his own consulting business. He became a consultant to the Environmental Protection Agency (EPA) for the development of the Environmental Monitoring and Assessment Program (EMAP), a hierarchical monitoring system

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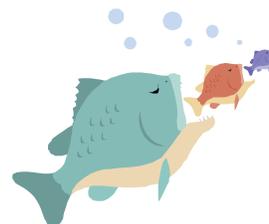
designed to assess cumulative anthropogenic impacts on the environment. He also worked on three different teams: the Near Coastal Team designing monitoring strategies for coastal waters, the Surface Water Team focusing on reservoirs, rivers and streams, and the Assessment Team using analytical methods to determine impacts based on indicator measures selected for various habitat types. During this ten-year period, he also developed data-input, verification, and analyses programs that assessed environmental health for the US Geological Service Upper River monitoring program. In addition, he served on the National Research Council and National Academy of Science Committee on Endangered Sea Turtles to assess impacts of commercial shrimping on populations.

In 1997, Gary could no longer resist the “Texas draw” and returned to TPWD as Chief of Inland Fish Hatcheries. In this capacity he managed and directed a professional and technical staff of over 60 people with a budget of approximately \$3 million. He led the development of a fish hatchery renovation plan and worked with Infrastructure Division to complete approximately \$40 million in construction projects on fish hatcheries, resource management offices, and offices shared with other divisions. He was instrumental in developing the Data Administration and Analysis Group (DAAG) to ensure uniform approaches to Inland Fisheries data analyses. At the request of the Executive Office, Gary reviewed the Department’s purpose, structure, and processes of Information Technology committees that shared information across divisions. His efforts resulted in the formation of the Information Technology Advisory Committee (ITAC) and Information Technology Steering Committee.

Appreciation for Dr. Saul’s accomplishments as member of the IF decision team was demonstrated with a promotion to the position of Deputy Director of Inland. In this position, Gary managed and directed all support functions for Inland Fisheries. This included fish hatcheries, Information and Regulation, Analytical Services, the Texas Freshwater Fisheries Conservation Center (TFFC), and the Inland Fisheries capital program. He managed a 90-person technical and professional staff and a budget of approximately \$5 million for programs and up to \$50 million for capital programs. In the role of project manager, Gary worked with a private interest group (Friends of TFFC), the TPWD Infrastructure Division, and other staff to construct the Texas Freshwater Fisheries Conservation Center using donated monies.

In his new position as Division Director, Gary will be responsible for overseeing policy and planning of freshwater fisheries and habitat conservation, regulation, management, and public education activities to meet legislative and commission mandates. He will provide strategic direction for the Inland Fisheries staff of approximately 225 geographically dispersed professionals while utilizing an annual operating budget exceeding \$17 million to achieve division and departmental goals and priorities. By supervising the operation of five freshwater fish hatcheries, he will be involved in the planning and expenditure of approximately \$50 million of Freshwater Fish Stamp funds, which are dedicated to the maintenance, renovation, and replacement of hatcheries and for stocking game fish in public waters. He will manage and strengthen division programs to ensure that sound biological practices are implemented and the best scientific data available are used to manage and regulate Inland Fisheries resources. Habitat issues affecting aquatic resources, including invasive species will continue to be a priority. In this leadership role, he will represent the division at commission and legislative hearings, as well as collaborating with various advisory groups and other stakeholders on freshwater fisheries and habitat issues.

Congratulations, Gary! We wish you continued success!



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# TCAFS meeting minutes

Waco, Texas - March 25, 2010

by Greg Conley, Secretary Treasurer

**Introductions:** Introductions made.

**Recap of 2010 Annual meeting:** Ken reported the total expenses from the 2010 meeting at TFFC was \$6085.00. The total revenue came to \$11,435.00.

**2010 SDAFS meeting:** Fred Janssen had sent a thank you letter to the Chapter for sponsoring his travel expenses to the meeting in Asheville, NC.

**TCAFS bylaw updates:** Ken is going to try to get the bylaws placed on our website.

## **Secretary Treasurer's report (Greg Conley)**

The present cash account balance at the time of the meeting was \$13,000.00. The Chapter's tax return is due by May 15, 2010 and all the information for the return will again be taken to our CPA in Tyler for completion.

## **COMMITTEE REPORTS**

### **Awards (Matt Chumchal)**

Matt was unable to attend the meeting but sent updates to the newsletter editor. See the latest newsletter for information.

### **Continuing Education (Aaron Jubar)**

Aaron said the Continuing Education classes went well at the 2010 meeting. He is planning to use the same format for classes at the 2011 meeting. Aaron is beginning to put thought into classes for the 2011 meeting and is accepting any ideas.

### **Editorial (Dan Daugherty)**

Dan had nothing to report.

### **Endowments (Dave Terre)**

An amount of \$16,817.26 was transferred from the cash account to the Student Endowments fund from funds received at the 2010 meeting. Dave said he will split that amount up into our investment portfolio at the proper investment time. The Endowment fund balance as of 2/28/2010 is \$100,097.15. Dave is trying to promote more "In Memory of" type donations to the Chapter. Dave has been continuing his work with the Ft. Worth Sportsmen's Club to develop a relationship with the Chapter on providing scholarships for Texas fisheries students. He is hopeful the Chapter will get to choose the recipients for these scholarships. Also mentioned was that the Chapter would definitely be putting \$500 towards the Clark Hubbs Scholarship fund each year from our raffle/auction revenue. Dave also brought up the idea of putting a "donation" button on our website for possible fund raising for the scholarship fund.

### **History (Michele Nations)**

Michele was requesting photos from anyone that took pictures at the 2010 meeting. She is going to try and put a picture album on the Chapter's webpage. She is considering making a Facebook page for the Chapter. She discussed putting together a biographical information sheet for members that have won awards, etc, that might possibly be used by students to begin the networking process for future job contacts.

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### **Internet (*John Taylor & Janet Wisian*)**

John said the online chapter membership application form is still not working and most likely will not. He discussed building a fillable pdf document to place on the website for online submittal of chapter membership.

### **Issues (*Chris Moret and Niki Ragan*)**

They will head up this committee jointly and will begin looking at upcoming issues to report on.

### **Membership (*Dennis Smith*)**

Dennis was not at the meeting. The report was given by Greg Conley. Discussed coming up with alternate ways to keep track of membership. Sometimes difficult to determine who paid state chapter dues through parent society. May put question on registration form asking if you pay through parent society.

### **Newsletter (*Kevin Storey*)**

Kevin is going to try to set up a list server with the parent society for chapter membership to enable easier emailing of newsletter and ease of use by membership.

### **Nominating (*John Clayton*)**

No report.

### **Pond Management (*John Tibbs*)**

Has new committee members since 2010 meeting. Discussed putting Golden Alga links in the pond management manual due to several issues with recent findings of Golden Alga in private ponds.

### **Publicity/Exhibits (*Dan Bennett & Paul Fleming*)**

Paul is leaving the committee. Ben Neely expressed interest in taking Paul's place.

### **Scholarship (*Mike Morgan*)**

reviewing whether to make changes to the scholarship application process.

### **Student Outreach (*Mandy Scott*)**

Getting ready for Bass Brigades on July 12-16, 2010 to be held at the Warren Ranch near Coleman. Needs more cadet applications, only had 9 so far and looking for 25.

## **NEW BUSINESS**

1. Craig Bonds (President Elect) looking at locations for 2011 meeting. Possible locations include Embassy Suites in San Marcos and Lateretta Del Lago at Lake Conroe. Potential dates are January 27-29, 2011 or February 10-12, 2011. Craig is soliciting ideas for the theme of the meeting. Ideas brought up were "Exotic / Invasive Species". The Ex-Com voted to have the meeting at Embassy Suites in San Marcos.
2. John Taylor – requested a donation from the chapter for the SDAFS striped bass committee.
3. Charlie Munger – requested donation from the chapter for a walleye and sauger management report.



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## Flotsam & Jetsam – fish stories from around the world

### ➤ Male pipefish like their women big

A male Gulf pipefish tends to seek out larger females to be its mate, and if he really likes his mate, he makes a greater effort to tend their babies. Let's have a bit of background information here! Male pipefishes and their seahorse cousins actually become pregnant and give birth. Pipefishes are found worldwide and are especially prevalent in tropical and subtropical waters, including the U.S. Gulf Coast. They are 4-5 inches in length and somewhat resemble a stretched-out version of a seahorse. They are syngnathid fishes which have a unique reproductive system in which the male carries developing embryos in its specialized brood pouch. It's the male that provides for the embryo during development. In the case of Gulf pipefish they can carry from 5 to 40 developing offspring at a time.



Kim Paczolt and Adam Jones, researchers in the Department of Biology at Texas A&M University, found that male Gulf pipefish can be very attentive parents before their young are born, but later they may stop making the effort. The difference seems to be in attitude. Pipefish with attitude? Males who were especially fond of the females they had mated with were more likely to show a nurturing attitude toward their offspring. In almost every case, those that were not overly fond of the mother were less nurturing toward their young. Paczolt says the study supports several aspects of the sexual selection theory – not only do individuals choose their mates based on a variety of traits, but also, this choice can be expressed both before and after mating. "The one trait in the pipefish that seems to stand out is the size of the female," she adds. Female pipefish with Rubenesque figures may have offspring with increased chances of survival. Full framed women take heart!

### ➤ Atlantic Bluefin Tuna trade ban fails

The plight of Atlantic bluefin tuna has become more precarious. The meeting of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) in Doha, Qatar in March 2010 closed without agreement on new trade measures to protect several marine species which could have banned international commercial trade in vulnerable species such as Atlantic bluefin tuna. This species is at serious risk of commercial extinction because of decades of unsustainable and illegal fishing in the Mediterranean Sea, driven by demand from the luxury seafood markets in Japan. An estimated 40,000 tons of Atlantic bluefin tuna are caught every year, well over four times the amount of fish that scientists say can be taken to prevent population collapse. If the CITES proposal had passed it would have banned all international commercial trade in Atlantic bluefin tuna, giving this imperiled species a chance to recover to sustainable levels. The International Commission for the Conservation of Atlantic Tunas (ICCAT) has repeatedly failed to sustainably manage the fishery.

In recent years CITES has started to list commercially valuable fish species such as sturgeon, seahorses, and the basking and whale sharks. Proposals to include four sharks (scalloped hammerhead, Oceanic whitetip, porbeagle and spiny dogfish) in CITES Appendix II were rejected at the Doha meeting. These species are of significant commercial value and they can continue to be traded without CITES permits.

All of news for marine species was not bad though. Proposals on behalf of three sharks and the red and pink coral were approved. The meeting was attended by some 1,200 participants from 150 governments and numerous observer organizations. The next meeting is scheduled to be held in 2013 in Thailand.

### ➤ Mystery of the lost gray whale

On May 8, 2010, researchers with the Israel Marine Mammal Research and Assistance Center (IMMRAC) studied a whale approximately a mile and a half off Herzliya Marina, just north of Tel Aviv. It was only after returning to shore and closely examining photographs they had taken that the researchers determined it was a gray whale! But today gray whales only exist in two populations, both of which are in the Pacific! The population that is most familiar to us is the eastern Pacific population of approximately 20,000. These whales latter breed in the lagoons of Baja California ; swim north along the coasts of Mexico, the United States and Canada to feed in the Arctic waters north of Alaska and northeastern Siberia; and then return south. In the western Pacific there is a critically endangered population believed to number fewer than 200 individuals. So how did it get into the Mediterranean Sea?

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There were gray whales in the Atlantic until the eighteenth century, when the species was exterminated from the hemisphere by commercial whalers. The existence of a relict Northern Atlantic population is virtually impossible. So where did it come from? The most reasonable explanation is that this whale came down through the ice-free Northwest Passage. Dr. Aviad Scheinin of IMMRAC speculates that creation of a corridor during summer as a result of melting ice in the Northwest Passage could have enabled the whale to travel through to the North Atlantic. In fall, it may have started to migrate southward as it would do in the Pacific, maintaining the European continental shelf on the left, in a similar manner to the eastern Pacific migration. Instead of turning left to the Gulf of California it may have turned left into the Mediterranean Sea through the Straits of Gibraltar and all the way to the Eastern Mediterranean. Life is likely to be a bit lonely for this whale!



### ➤ “Italian BMT on 6-inch seaweed bread”

Seaweed may be the next food fad. It sounds a bit strange, but it could happen! Researchers at Newcastle University, in the UK, have found seaweed reduces fat uptake by more than 75%. They have started adding seaweed fiber to bread to see if they can develop foods that help you lose weight while you eat them. Alginate, a polysaccharide that is a major constituent of the cell walls of brown algae, is a natural fiber found in kelp which reduces fat absorption better than most anti-obesity treatments currently available over the counter. Alginates are commonly used for thickening drinks, soups, jellies, ice cream and cosmetics. It is also used extensively as an impression-making material in dentistry and prosthetics.



The effectiveness of more than 60 different natural fibers was evaluated by measuring the amount of fat that was digested and absorbed with each treatment in an “artificial gut”. The next step is to recruit volunteers (A show of hands anyone?) and study if the results can be replicated in human subjects and whether such foods are acceptable in the diet. The research is part of a three year project being funded by the Biotechnology and Biological Sciences Research Council.

### ➤ What’s the volume of the oceans?

This is not the kind of project feint-hearted people are likely to undertake so don’t bother to bring a 5-gallon bucket! A team from Woods Hole Oceanographic Institution in Massachusetts analyzed satellite altimetry data and came up with an estimate of 1.3324 billion km<sup>3</sup>. That’s enough to fill 1.5 million Olympic-size swimming pools for each person in the United States! It’s a bit less than the most recent estimate of 1.338 billion km<sup>3</sup> by Shiklomanov and Sokolov in 1983. So what’s a few thousandths of a decimal place add up to? The difference is equivalent to 500 times the volume of the Great Lakes or five times the volume of the Gulf of Mexico! The study calculated a mean ocean depth of 3,682 m; 2.88 miles for the SI unit challenged. Details of the research can be found in Oceanography Vol. 23, No. 2 from June 2010.

[http://www.tos.org/oceanography/issues/issue\\_archive/issue\\_pdfs/23\\_2/23-2\\_charette.pdf](http://www.tos.org/oceanography/issues/issue_archive/issue_pdfs/23_2/23-2_charette.pdf)



### ➤ The ocean is a bit warmer than it was 20 years ago

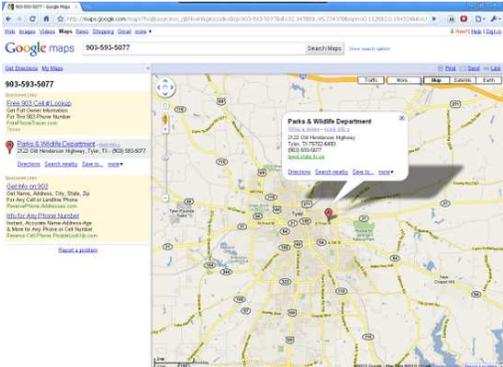
Mention that statement in polite company nowadays and you’re liable to get mixed responses! A team of researchers from the US, Germany, and Japan, led by John Lyman of NOAA, analyzed several different sets of ocean temperature measurements collected around the world from 1993 through 2008. The original data were collected by a variety of groups over the 16-year period using different assumptions. There were discrepancies between the data sets because of the way it was processed, some areas of ocean were not sampled as widely or as often as others, and changes in instrumentation added even more confusion.

Lyman and his colleagues standardized all the measurements and in so doing they found the same general trend for all the data. Their analysis detected a statistically significant linear warming trend for 1993–2008 of 0.64 W m<sup>-2</sup> (calculated for the Earth’s entire surface area), with a 90% confidence interval of 0.53–0.75 W m<sup>-2</sup>. These results quantify the extent to which the upper layers of the ocean have warmed over the last two decades and purportedly provide a good measure of the extent of global warming. The results were published in Nature on 20 May 2010 (465, 334-337).

<http://www.nature.com/nature/journal/v465/n7296/full/nature09043.html>

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## Computer shortcuts.... save money, save time!

1. Got a phone number for a business and you want to find out where they are located? Go to Google Maps <http://maps.google.com/maps?hl=en&output=html&oi=najs> and type the phone number in the search box. You'll be provided with a map showing the location along with a listing of the address. This only works with business numbers, so your stalker friends need not try it.  
A screenshot of a Google Maps search for the phone number 903-593-5077. The search results on the left show the 'Parks & Wildlife Department' at 2122 Old Henderson Highway, Tyler, TX. The map on the right shows the location in Tyler, Texas, with a red pin and a callout box for the department.
2. Use a search engine to search any individual website. Want to see if there is any information on Joe Fish on the TPWD website? Type the following into the search box, "site:www.tpwd.state.tx.us Joe Fish". This works with Google or Bing. It will return search results in the normal manner.
3. Got big files you want to share? Most mail servers will choke on large attachments. You can transfer files up to 2 GB using WeTransfer (<https://www.wetransfer.com/>). No registration, no charge! Choose your files, enter one or more recipient e-mail addresses, enter your e-mail address, add a message, click Transfer, and you're done. Your files are automatically scanned for viruses. Remember, the files are only kept for 2 weeks.
4. Need to make a conference call but don't want to pay for a service? Once again, the Internet comes to the rescue with [www.freeconferencecall.com](http://www.freeconferencecall.com). No need to schedule or make reservations. Each conference call account accommodates 96 callers on an unlimited number of 6 hour free conference calls. Set up an account and you will be given a dedicated phone number (Hopefully not in Croatia!), an access code, and a subscriber PIN. Notify your participants of the date and time of the conference call, give them the conference dial-in number and access code and you're set!
5. Budgets are tight so why not save money by reducing use of ink and toner? Maybe you want to consider doing something as simple as changing the font you use to save ink, thereby saving money. The University of Wisconsin, Green Bay has switched the default font on its e-mail system from Arial to Century Gothic. They claim to use 30% less ink. Alternatively you can download and install the free Ecofont vera sans font from <http://www.ecofont.com/en/products/green/printing/sustainable-printing-using-ecofont-software.html>. This font saves ink by inserting holes in each character (ie: Texas Chapter). They recommend using a maximum of about 11 point to optimize legibility. If you don't want to be tied to one font, Ecofont software will be available for purchase soon. This application modifies standard fonts and "shoots them full of holes". I am using this font in the current issue for the body of text.
6. Want to create pdf files and don't want to pay for an application like Adobe Acrobat? Try Nitro PDF Reader. This free program is available for download at [www.nitroreader.com/](http://www.nitroreader.com/). View files and also print directly from Windows apps to the Nitro PDF Creator printer driver. You can extract text and graphics from existing pdf files as well. This is not a trial version, it's the real deal.
7. Still running MS Office XP or 2003 and want to try out Office 2010? If you've got access to a high speed connection you can download MS Office Home and Business 2010 Beta. This includes Word, Excel, PowerPoint, Outlook and OneNote. The applications run through Click-to-Run, a streaming technology that uses your high speed connection. <http://us2.office2010beta.microsoft.com/default.aspx?culture=en-US>. The beta will work until some time in the fall, but you can extend use for 180 days through the Office 2010 trial extender. You have to re-arm it every 30 days though. [http://blogs.bnet.com/businesstips/?p=7621&utm\\_source=feedburner&utm\\_medium=feed&utm\\_campaign=Feed%3A+bnet%2Fbusinesstips+%28BNET+Business+Hacks%29](http://blogs.bnet.com/businesstips/?p=7621&utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+bnet%2Fbusinesstips+%28BNET+Business+Hacks%29)

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## Join the Texas Chapter

If you are interested in joining or renewing your membership to the Texas Chapter of the American Fisheries Society, you can get membership materials at our web site, [www.sdafs.org/tcafs/index.htm](http://www.sdafs.org/tcafs/index.htm) or by contacting Dennis Smith, Dundee State Fish Hatchery, Rt. 1 Box 123A, Electra, TX 76360, (940) 586-1203, [dennis.Smith@tpwd.state.tx.us](mailto:dennis.Smith@tpwd.state.tx.us).

If your e-mail address has changed, please contact us with an update so you can continue to receive the chapter newsletter.

Members are encouraged to make submissions to the Newsletter Editor by mail or e-mail to one of the addresses listed below.

### EXECUTIVE COMMITTEE

*PRESIDENT*..... Ken Kurzawski  
*PRESIDENT-ELECT* ..... Craig Bonds  
*PAST-PRESIDENT* ..... Brian Van Zee  
*SECRETARY-TREASURER* ..... Greg Conley

### COMMITTEE CHAIRPERSONS

*AWARDS* ..... Matt Chumchal  
*CONTINUING EDUCATION*..... Aaron Jubar  
*EDITORIAL*..... Dan Daugherty  
*ENDOWMENTS*..... Dave Terre  
*HISTORY*..... Michele Nations  
*INTERNET*..... John Taylor / Janet Wisian  
*ISSUES* ..... Chris Moret & Niki Ragan  
(includes Stocks-at-Risk & Exotic Species Sub-committees)  
*MEMBERSHIP* ..... Dennis Smith  
*NOMINATING*..... John Clayton  
*POND MANAGEMENT* ..... John Tibbs  
*PUBLICITY / EXHIBITS*..... Dan Bennett  
*SCHOLARSHIP* ..... Mike Morgan  
*STUDENT OUTREACH*..... Mandy Scott

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