



# Bayou Foliage

JANUARY ABNCV MEETING  
Thursday, January 9

- 6:30 - Snacks and Conversation - Get to know one another
- 7:00 - Volunteer Appreciation and Short Business Meeting
- 8:00 - Volunteer Appreciation Dinner - Provided by Staff
- ???? - Adjournal

This is the annual Volunteer Appreciation dinner. The hard work by the volunteers helped make the many events in 1996 another very successful year. As the staff has said many times, "The nature center could not survive without you". To show the staff's gratitude they are hosting a Volunteer Appreciation Dinner. I encourage as many of you as possible to come and accept this small token of the staff's appreciation for the multitude of things you do to support the nature center. Please let Marsha know if you are coming so the staff can prepare the proper amount of food. Also please bring your own place settings (plate, silver, and glass/cup).

Vol. 15 No. 1 January 1997

A publication of the Armand Bayou Nature Center Volunteers

"INTERESTED + INFORMED + INVOLVED"

### JANUARY CALENDAR

- Jan. 1 Happy New Year
- Jan. 2 Nature Center Closed for New Year
- Jan. 4 & 5 Christmas Tree Recycle Drop-off
- Jan. 4 RSVP deadline for Appreciation Dinner
- Jan. 5 ABNC Volunteer Board Meeting 4:30
- Jan. 9 Volunteer Meeting 6:30 - 9:00
- Jan. 11 Earth Day Meeting 1:30
- Jan. 15 Bayou Foliage Inputs due
- Jan. 18 Stewardship Saturday
- Jan. 18 ABNC Member's Day and Member's Meeting
- Jan. 25 Continuing Ed. Marine Science 9:00
- Jan. 25 Continuing Ed. Ramblings with Dennis Jones

### JANUARY BIRTHDAYS

Patsy Baukman	1/1	Janice White	1/4
Jennifer Brown	1/5	Hope Underwood	1/9
Hilary Gibbs	1/9	Marilyn Collings	1/13
Rita Getman	1/16	Barbara Hill	1/16
Salma Kabli	1/22	Jana Callan	1/24
Jean Ashmore Block	1/26	Roland Borey	1/27
Shirley Bishop	1/27		

### RANDALL'S CAN HELP ABNC

Most of you know about the Kroger card that we have been giving to our members and visitors, but it has been brought to our attention that Randall's will also give a percentage of what you spend to ABNC. Our account number there is 2326. When you shop at Randall's and use your "Remarkable Card" give the cashier the number before your groceries are scanned. Then after that, every time you use the card the amount will be recorded in our account. A percentage of your total purchases is sent as a donation to ABNC.

### EARTH DAY MEETING

The next scheduled meeting for the planning of ABNC's Earth Week Celebration is set for Saturday, January 11 at 1:30 P.M. Mark, Colin, Eric, and Mary Alice had a productive meeting in December and welcome anyone else interested in participating. This year's celebration has been extended to five days (Earth Week)! It's sure to be one we'll remember for years to come.

Mark

### NOVEMBER VOLUNTEER OF THE MONTH

The volunteer of the month for November is Paul Shack. Paul trained as a volunteer in February 1995. He is very active in the nature center's stewardship projects including Chinese tallow removal, marsh restoration and prairie burns, and he helps with mailings and events. Paul is an engineer at NASA and moved to the Houston area from Ohio in 1973. He says "I didn't appreciate coastal ecology until I took a bird class from George Regannd and began to appreciate what a wonderful environment this is." He became a volunteer because he has always been a big ecology buff and likes to "go out and play in the dirt."

Thanks, Paul. You are an especially valuable volunteer.

THANK YOU TO HOECHST CELANESE FOR PROVIDING THE PRINTING FOR BAYOU FOLIAGE

MINUTES OF THE ABNC VOLUNTEER MEETING

1997 CALENDAR OF EVENTS

THURSDAY, DECEMBER 12, 1996

The brief business meeting was called to order by Lou Wheatcraft who presented for election the names of nominees for Board positions in 1997. Those nominated were: Helen Burton, Chair; Becky Brignac, Vice-Chair; Susan Hesley, Weekend Trail; Alan Wenger, Weekday Trail; Jane Bingel, Weekday Farm; Carol MacGregor, Treasurer; Jim Hawkins, Stewardship; Bob Smither, Interpretation; Shirley Bishop, Admissions; Eleanor Stanley, Weekend Demos; and Susan Williams, Secretary. All were elected by acclamation. Georgia Colyer will be appointed by the Board as editor of the "Bayou Foliage".

Other business included Ruby Dilgren's announcement that Dow Chemical has a recycling program for Christmas cards; they are given to children who use them for various projects. Paula Kennedy asked for volunteer help in the distribution of birdseed, and Mary Alice Trumble asked that anyone with 1996 calendars with scenic pictures give them to her for use in future projects.

Following the business meeting, those present enjoyed the pot luck dinner and the Christmas gift exchange.

Susan Williams  
Secretary

THANKS TO 1996 BOARD MEMBERS!!!

I want to pass on a special "Thank you for all your hard work during 1996!" to the 1996 volunteer board members: Becky Brignac, Susan Williams, Carol MacGregor, Tom Scarsella, Jane Bingel, Anne Tincher, Hilary Gibbs, Bob Smither, Melanie Weisman, Shirley Bishop, and Helen Burton. Becky set a new standard in continuing education and had great speakers at each of our volunteer meetings; Susan kept all our minutes for both volunteer board meetings and volunteer meetings; Carol kept our finances in order; Tom set a record in stewardship hours; Jane and Anne set records in the weekday programs; Bob, Melanie, Shirley and Hilary made the endless number of calls to sign folks up for the weekend activities; and Helen always got an excellent "Bayou Foliage" out on time each month. These are the folks that keep the volunteer organization moving forward, growing, and meeting our commitments - they are both the foundation from which the volunteer organization is built AND the glue that holds the volunteers together! I am deeply indebted to each for all their dedication and hard work. Thanks!!

Lou

TREASURY ANNUAL AUDIT

Per the volunteer bylaws, an annual audit committee has been named. Carol MacGregor, Lou Wheatcraft, Helen Burton, and Christine Barrett have agreed to perform the audit. As soon as Carol gets all the statements from the bank we will do a 1996 year end close out of all accounts and will schedule the audit.

TEXAS ARBOR DAY  
SUNDAY, JANUARY 19  
Enjoy a day designated for tree planting.

VOLUNTEER TRAINING MONTH  
FEBRUARY  
Call for details on class schedules

"BUILD A BETTER BIRDHOUSE"  
SUNDAY, FEBRUARY 16  
Entry deadline.

WARM AND FUZZY WEEKEND  
SATURDAY & SUNDAY, FEBRUARY 22 & 23  
Parents and children can learn more about mammals, see them up close, touch a few, and ask questions.

GARDEN TOUR  
SATURDAY, APRIL 12  
Tour private gardens in the Bay area for inspiration about planting and design. (Admission charge.)

EARTH WEEK  
WEDNESDAY - SUNDAY  
APRIL 16 - 20  
The visitor can enjoy guest lectures, demonstrations, information about the environment, boat rides, trail hikes and much more.

BAYOU BOIL  
SATURDAY, MAY 10  
This annual fund-raising event is a live and silent auction with a fun adult evening of great seafood and live music. (Admission charge.)

ECOCAMP  
JUNE & JULY  
Environmental education day camp for children

SCALY & SLIMY WEEKEND  
SATURDAY & SUNDAY, AUGUST 23 & 24  
Featuring reptiles and amphibians.

VOLUNTEER TRAINING MONTH  
SEPTEMBER  
Call for details on class schedules.

CREEPY CRAWLERS  
FRIDAY & SATURDAY, OCTOBER 24 & 25  
Halloween family fun. (Admission charge.)

MARTYN FARM FALL FESTIVAL  
SATURDAY & SUNDAY, NOVEMBER 8 & 9  
Celebrate turn-of-the-century farm life. (Admission charge.)

YULETIDE GATHERING  
SATURDAY, DECEMBER 6  
A holiday family event at the Martyn Farm. (Admission charge)

## RAMBLINGS FROM THE CHAIR

Well, 1996 is over and 1997 is beginning. I hope you all had a good holiday season and a happy New Year! If you are into New Year's resolutions, why not make a resolution to spend at least 5 hours (or more) per month at the Nature Center? Or make a resolution to be on one or more of the special events committees? Or to log your volunteer hours every time you work at the Nature Center? Or make a resolution to find at least one new volunteer to attend the next volunteer training sessions in February? Or .... you get the idea!

This is a special time for me, in that my having the honor to Chair the volunteer organization over the last two years is over. The job was made much easier with the encouragement I received from you all, the staff, and the executive committee members. There have been a lot of changes over the last two years, most good, some not. As you all know my approach to leadership is one of delegation. I feel that you all have unlimited talent and potential and each of you is capable of taking the lead in some activity. Just as we all know the benefits of bio-diversity in nature, the same holds true in the diversity of the volunteers. There is a great variety of different activities for folks to specialize in, and there are different kinds of committees that you all can be on - either as a member or co-chair. I want to thank all of you who stepped up and filled these roles on all the various committees over the last two years. All of the events have been very successful because of YOUR time and hard work. Thanks!!

I am not sad that my time as Chair is over. There is a reason for term limitations, with advantages for the people in an office and for the organization. On my part, I am ready to move on, from the organization's point - of - view it is time for new ideas and a renewed energy and ideas that comes with new people in the leadership positions. I am especially thankful that Helen agreed to be the Chair - she has lots of experience and is a born leader. I know she will do an exceptional job and I bid you all to give her all of your support.

When I look back over the last two years I see a lot of good things that I was part of, and some things not so good. The good things I am proud of are: my slogan of 'Interested, Informed, Involved' that is the beginning of each 'Bayou Foliage'; Stewardship Saturday (with Tom's leadership, stewardship has really blossomed over the last 2 years); the Interpretive Materials Development Committee (although we need more participation); a more informative agenda at the volunteer meetings; a new less formal format for our business meetings; my participation in the new volunteer orientation sessions and classes; and more autonomy in the conduct of the committee meetings. My biggest regret is my failure to address problems with the overall membership. When I started, I did away with the membership committee, feeling that that one of the main functions of the volunteer board, but I never really got anything going in this area. I think that we are losing too many volunteers and we need a better way to make the new volunteers feel welcome. I brought this subject

up at the last volunteer board meeting and a lot of good ideas were discussed. Helen has a lot of good ideas in this area and is going to make this one of her top priorities.

If there are other areas you have a concern about and have good ideas for solutions please let Helen and the other members of the 1997 Volunteer Board know.

Again, thanks for all your support and encouragement over the last two years.

Lou

## IT'S TIME TO BE APPRECIATED

The staff of ABNC invites all volunteers to the annual Volunteer Appreciation Dinner on Thursday, January 9. Dinner will be served at 6:30, but come early for appetizers and socializing. This staff prepared dinner is but a small token of our appreciation for the countless hours given to ABNC by an outstanding group of volunteers. This will also be the time to recognize the 'Volunteer of the Year'. We hope to see many of you there. Don't forget to bring your own plates and eating utensils. The staff will furnish iced tea. If you want anything else to drink, feel free to bring your own. PLEASE RSVP AT 281-474-2551 BY JANUARY 4.

## ANNUAL CAMP OUT AT WEST BANK

Saturday and Sunday, February 22 and 23  
Cancelled if raining.  
Reservation required by Feb. 15.  
Meet in the parking lot at 10:00 - leave at 10:30

This will be a fun, relaxing, informative, easy paced time. It will be a rare opportunity to visit an area normally closed to public access. There will be canoeing, hiking, sing-a-long (bring your own instruments), and a general good time. Mark will give a relaxed hike covering plant identification, bird identification, forest and prairie ecology.

Meet in the parking lot, drive to the west bank. There we will unload and carry our goods to the camp site which is the distance of a football field. Please allow for this when packing. Mark is arranging ways to carry our stuff to the camp site.

Mark

## THANKS FROM THE EDITOR

As you know, this is the last issue of 'Bayou Foliage' that I will edit. I would like to thank all of you who contributed articles and Wanda Hayden for folding and mailing at a moments notice. You have all made my job so much easier. I am sure you will continue to be supportive of Georgia when she takes over next month. I look forward to her first 'Bayou Foliage'.

Helen

## CONTINUING EDUCATION

Saturday, January 25, 1997  
Marine Science with Dr. Harper  
from Texas A&M University, Galveston  
Time 9:00 - 12:00  
Auditorium

Jellyfish, Anemones and Corals is the topic. This is class 3 of 15 Dr. Harper has planned on his invertebrate lecture series. Even if you have not attended his previous classes, feel free to come to this and any others in the future.

Saturday, January 25, 1997  
Ramblings with Dennis Jones  
from Texas Parks and Wildlife  
Time 1:00 - 4:00  
Auditorium

Dennis will be discussing prairie burns, what the prairie was like in the 1800's and various other subjects. If ABNC has had a prairie burn by the time he has this class, we may take a field trip to that area, so bring appropriate clothing for weather. No class size limit.

I need a 'leader-angel' for this class. If you are so inclined, please put your name at the top of the sign-in sheet.

### Blacksmithing

Rogers Collins in League City is willing to teach at his home, with a limit of 3 students at one time. If you take this class, hopefully you will be willing to demonstrate at ABNC what you have learned. Call Becky at 713-947-0216 for his number.

Count this as continuing Education time.

### February

There will be no continuing education classes in February since that is volunteer training month. Mary Alice may have some vacancies in certain classes, if you are interested in a particular area contact Mary Alice. This is a great time for learning something new, and an opportunity for you guys who are inactive to re-train and become an active volunteer again - Yeah!!!

Becky

### THANKS TO BIRD SEED HELPERS

Many thanks to the volunteers who helped distribute birdseed on December 13, 14, and 15. Hefting bags of bird seed into cars were Goose Ganter, Ron Natole, Cris Santiago, Paul Shack, Polly Swardlin, Larry Kruse, Mike Allen, and Jim Yaeger. Thanks!

Paula Kennedy

## MOVING ROCKING CHAIRS

It seems our new rocking chairs so generously donated by Rohm and Haas occasionally grow legs and move around the farmhouse porches. We had intended to have a couple of chairs on each of the three porches, but at this time there is a roof leak in the west porch (one facing the barn). Therefore, we don't want any of the new chairs left on that porch until we can get it repaired. We would like four on the front porch (facing the prairie) -- two on each side of the front door -- and the last two on the back porch (facing Mays Pond). Please help us to keep the chairs like this until further notice. If any weekday farm classes or weekend farm demonstrators need to move the chairs, we ask that they be put back afterwards. Thanks for your cooperation.

### YULETIDE THANKS

While we didn't have a huge crowd, our annual Yuletide celebration was a lovely evening. Everyone who came seemed to have a good time and we heard many comments from visitors who said they come every year. One man even claimed to keep coming back just for the wassail. Our thanks to volunteers Paula Kennedy, Judy Huston, Kristen Knoedler, Chris LaChance, Bill Howe, Jonathan Perez and Mike Allen for helping to make Yuletide a success. Also, thanks to Chris La Chance for the beautiful decorating and to Jane Bingel and Carol MacGregor for cleaning the farmhouse.

### QUILTING ANYONE?

This past Fall Festival was the first time in several years we didn't have a volunteer - made quilt to raffle. We know there are many talented "crafty" people in our volunteer organization and hope there are several who would be interested in reviving the annual quilt project. As you would expect, this is a long term project and the upcoming winter months are a good time to begin. Think about how much fun an old-fashioned quilting bee would be. Everyone interested please contact Mary Alice Trumble. Let's make this the best quilt ever.

### VOLUNTEERS NEEDED AFTER SCHOOL

We offer several classes each month after school for children ages six to ten. If any of you are interested in teaching any of these classes please notify Mary Alice. They may be based on either a topic of your choice (subject to approval) or a prepared curriculum. Classes are from 4:00 - 5:30 P.M. usually on Wednesdays and Thursdays.

### A TIMELY REMINDER

Please be mindful that our weekend demos are from 1-4 P.M. These demos are advertised both in our members' newsletter and in numerous other publications each month. We all need to make a special effort to be here and set up ready to demonstrate at 1 P.M. so we won't disappoint our visitors. Thanks.

Mary Alice

## OUR MOMENT OF CONTEMPLATION

\* editor's note - the figures referred to are on the back page, above the mailing table. \*

the world of vertebrates, reproduction is vital for many reasons. Reproduction replenishes members of a species to ensure future generations while promoting the strongest and best adapted species (eugenics) to flourish, thus ensuring a strong and thriving genetic foundation for future offspring. Reproduction is a necessary part of life and survival. It involves many biological aspects of the two sexes, and for humans, biology only plays a small role in developing a 'real human' (a socially and biologically developed human being). Males and females carry genetic material for sex determination in most 'higher' vertebrates, including birds, mammals, fish, and amphibians. These 'sex chromosomes' determine the sex of the offspring, for example, in mammals, males will carry an X or Y chromosome in the spermatozoa, while the females will carry the X chromosome in the ovum. When fertilization has occurred, the resulting zygote will either inherit a paternal X chromosome and a maternal X chromosome, forming a female, or it will inherit a paternal Y chromosome and a maternal X chromosome, forming a male. Sex that is determined by sex chromosomes is called Genetic Sex Determination (GSD).

However, in most oviparous (egg-laying) reptiles, sex is also determined by the incubation temperature of the egg, a phenomenon called Temperature-dependant Sex Determination (TSD). Recent research has shown that TSD simultaneously activates and suppresses testis and ovary development which will result in male or female offspring and growth. In other words, this is an 'all or none' process (David Crews). Most turtles have TSD. Some examples of Chelonians with TSD are painted, map, snapping, sea, box, and most of the mud and musk turtles. Two common examples of turtles with GSD are the softshells (Apalone Sp.) and wood turtles (Clemmys sp.).

Among the Crocodylians (the Alligator and kin), all of the seven species which have been tested have TSD. Most of the lizard species, however, have GSD. Only a small minority has TSD, including Leopard Geckos (*Eublepharis* sp.) and some Fence lizards (*Sceloporus* sp.). All snakes studied have GSD.

In species with GSD, there are approximately equal numbers of males:females at each incubation temperature interval (Fig. 1). If the species produces a skewed and highly off center graph at each incubation temperature, then one can suspect TSD (Fig. 2-4). However, if nature wasn't complicated enough already, not all species with TSD follow the same pattern; generally there are three types of patterns (Fig. 2-4).

Some turtles with TSD produce all females at relatively warm incubation temperatures and males at cool ones (Fig. 2). Alligators and some lizards show the opposite pattern (Fig. 3). (females produced at cool incubation temperatures and males at warm ones). And lastly, crocodiles, some turtles and some lizards show another pattern (females are produced at both cool and warm incubation temperatures, while males are produced at the mid-range or median temperatures (Fig. 4).

Nature is a complex network of life intervening with each other. There is a reason for everything. Why these animals have TSD can be answered only with difficulty. The above data is taken from laboratory research and the question of do reptiles have TSD in the wild was brought up. The answer is yes, and reptiles can regulate the sex ratio of their nest by: choosing the location of the nest which will favor a certain sex (sunny or shady nest sites), the time of the year they lay their eggs (late or early part of the breeding season), and the depth of the nest. Studies have shown that reptiles do indeed have TSD in the wild. One example of these studies showed that alligators were strongly female based (5:1), with samples taken from nest sites that were in cooler, marshy habitat. Males would have been produced in dry, warmer conditions.

Many people speculate that TSD is one of the reasons why dinosaurs became extinct. Perhaps a sudden turn in temperature produced only single sexes. A dramatic change in global climate would have adverse effects on TSD species. Are we headed toward another change in global climate? The inert material we used is still lingering around the Earth. What effects does it have on our global temperature? Nobody really knows, but that is the beauty of nature. So many questions left unanswered, perhaps this motivates many hobbyists, volunteers, and professionals to find the answer and to disseminate their new knowledge and findings to eager learners. But will nature ever be as serene as it once was? Will it still be here until we can answer all of the questions which affects us all? Will we humans ever find the answer to the many questions nature inflicts upon us? The goal of finding the answer to every question posed is what motivates me to learn and teach. Although I know this goal will never be reached, I do know that trying is half the fun!

Questions and suggestions of topics to ponder can be directed to Jonathan Perez. Please write down any questions, suggestions and/or comments and place them in his box. He will respond in 'Bayou Foliage'. Sorry, only published questions can be answered.

Jonathan Perez

## CHRISTMAS CARD RECYCLING

Christmas cards can be recycled at Barnes and Noble Bookstores, Diamond Shamrock stations, and Dow Chemical at 400 W. Sam Houston Parkway South. They will accept cards from December 27 through January 12. For more information call Dow Community Relations Hotline at 978-2754.

## ROSTER CHANGES

Charlotte Teeter  
203 Lakeshore Dr  
Seabrook, TX 77586-6128

## ENVIRONMENTAL NOTEBOOK

Note: As a lot of you know, I am working on a Master's Degree in Environmental Management at the University of Houston, Clear Lake. I am really enjoying the courses and am learning a lot about environmental issues. I know one of the main reasons a lot of you are volunteers at ABNC is because of your interest in ecology and your concern for the environment. Because of this I am going to attempt to include an article in each Bayou Foliage on an environmental education topic. My two previous articles were to lay a foundation in some basic environmental concepts of where we are in environmental thinking in this country and what the future issues will be. I hope you find these articles informative and give you some information you can pass on to the public. If you have a topic you would like me to address please let me know.

During the last week there have been several articles in the paper concerning various environmental topics of direct interest to all of us here in the Houston/Clear Lake area. The Environmental Protection Agency (EPA) is planning on tightening the limits on ground level ozone and particulate matter for the Houston area. This will effect each of us directly, both in the implementation and the benefits. The EPA has also issued notice of changes to the wetlands permitting process. The subject of this article and at least the next will be about wetlands. First I will discuss what wetlands are and the historical threats to wetlands. In other articles I will be discussing their benefits and why they should be protected and then how today's laws address the wetlands.

The U.S. Fish and Wildlife's 1979 definition of wetlands encompasses 'lands transitional between terrestrial (land) and aquatic (lakes, rivers, seas, etc.) systems where the water table is usually at or near the surface of the land is covered by shallow water'. Marshes, swamps, bogs, and other areas lying between water and dry land that are periodically saturated by water during the growing season are all considered wetlands. Wetlands play host to a variety of plant species adapted to wet conditions and particular soil types and are considered a vital link between land and water.

Wetlands display considerable variety depending upon their location, regional hydrology (study of water systems), vegetation, soils, topography, climate and water chemistry. Because wetlands vary so much from region to region, they are difficult to define precisely. The scientific complexity of defining wetlands has enabled politicians and regulators to alter the degree of environmental protection for them by redefining the legal concept of what constitutes a wetland.

Wetlands can be roughly divided into two categories: coastal and inland. Coastal wetlands are closely linked to estuaries and include estuarine or coastal marshes and mangrove swamps. Coastal marshes are characterized by colonies of certain grasses and grasslike, halophytic (salt-loving) plants. Mangrove swamps are comprised of halophytic shrubs and trees.

inland wetlands, which occur on flood plains, at the edges of lakes and ponds, and in isolated depressions surrounded by dry land, include: inland saline and alkaline marshes, riparian wetlands, wet meadows, bogs, North Carolinian pocosins (upland swamps), bottomland hardwood forests, prairie potholes, cypress-gum swamps, playa lakes, Californian vernal pools, Alaskan wet tundra, and Hawaiian tropical rain forests. Marshes and wet meadows are characterized by the growth of grasses and herbs, whereas wooded swamps harbor trees.

Now recognized as some of the earth's most unique and productive biosystems, wetlands were once regarded as undesirable swamps that would be better used for agricultural purposes or development. This point of view underlay passage of the Federal Swamp Land Acts in the 1800s which granted the states 65 million wetland acres to be converted to agricultural uses. Less than half of the more than 200 million acres of wetlands that existed when the Europeans colonized America remained by the 1970s. Available data indicates that from the mid 1950s to the mid 1970s wetlands conversions averaged more than 450,000 acres per year, causing total losses for the period of 11 million acres - an area three times the size of New Jersey! More than two and a half million wetland acres were lost between the mid 1970s and the mid 1980s.

The fertility of wetland's soils has made their conversion to farmland highly attractive. This accounted for most wetland losses until recently. In the 1980s, conversion of wetlands to agriculture slowed due to agricultural recessions, which made conversion less profitable, and to the Swampbuster provisions in the 1985 and 1990 Farm Bills, which eliminated farm subsidies for recently converted wetlands acreage. Oil, gas, and mineral deposits exist beneath some wetlands, making mining in wetlands another financially attractive, but destructive, prospect.

Today, commercial and residential development are primarily responsible for wetlands conversions. Wetlands continue to be lost to pollution, stream channelization, grazing, clearing, mining, highway construction, and draining and filling operations.

Next: Beneficial aspects of wetlands.

Lou



## VOLUNTEER DUTY SCHEDULE

In an attempt to take some of the load off the Coordinators, and to help cut down on our 'no show' rate, a list of the persons who have volunteered for various assignments will be printed in the Bayou Foliage each month. If you are scheduled for a particular duty and are unable to attend, please use this schedule to try to find your own substitute. You may be able to trade weekends, or swap a Saturday for a Sunday with someone who has the same duty another time during the month. If you do trade, please be sure to call the appropriate coordinator and the ABNC desk to inform them.

DATE	11:00 TRAIL	2:00 TRAIL	INFO. SERVICES	FARM DEMO.	NAT. HIST. DEMO	FARM INTERP.
Sat. 1/4	James Crabb	Anne Fincher		Ann Brinly Smocking	Ruby Dilgren Mammals	
Sun. 1/5	-----	Mary Barton		Paula Kennedy Tatting	Eleanor Stanley Reptiles	
Sat. 1/11		Ray Parker		P & S Rogers Ropemaking	Marilyn Clark Squirrels	
Sun. 1/12	-----			Jim Callan Woodshop	Pat Grimes Snakes	
Sat. 1/18		Joe Bryan		Emily Egan Weaving	Jonathan Perez Frogs & Toads	
Sun. 1/19	-----	Melanie Wiseman		Tom Scarsella Wood from the Woods	Judy Bouma Seed Dispersal	
Sat. 1/25	Susan Hesley			Zel Arbuckle Woodstove	Pat Doerr Owls	
Sun. 1/26	-----			Irene Ward Woodstove Cookies	Dekka Hassey Armadillos	

IF YOU CAN FILL IN ANY OF THE BLANK SPOTS, PLEASE CALL THE APPROPRIATE COORDINATOR. THANKS!

Also, please try to be set up and ready to go at the appropriate time. We have people who call to learn when presentations of topics of interest to them are, and many times they are here and ready to see it at the scheduled time. Thanks.

## VOLUNTEER BOARD FOR 1997

		home	office		home	office
Helen Burton	Chair	474-7133		Shirley Bishop	Admissions	488-4157
Becky Brignac	Vice Chair	947-0216		Eleanor Stanley	Weekend Demos	455-1502 453-5204
Susan Williams	Secretary	487-3033	743-2935	Susan Hesley	Weekend Trail	337-3129 338-4814
Carol MacGregor	Treasurer	488-7293		Jane Bingel	Weekday Farm	554-5069
Jill Hawkins	Stewardship	326-5375	409-942-3134	Alan Wenger	Weekday Trail	488-0112
Bob Smither	Intrepretation	331-2548	331-2744	Georgia Colyer	Newsletter	996-7888 333-1340

FIGURE 1

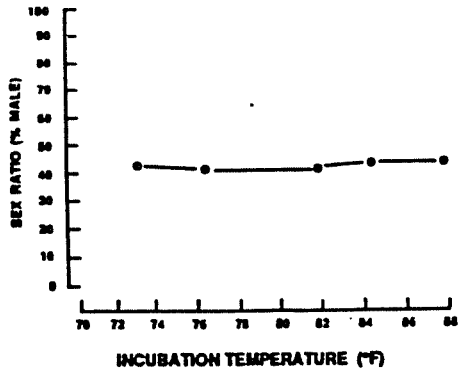


FIGURE 2

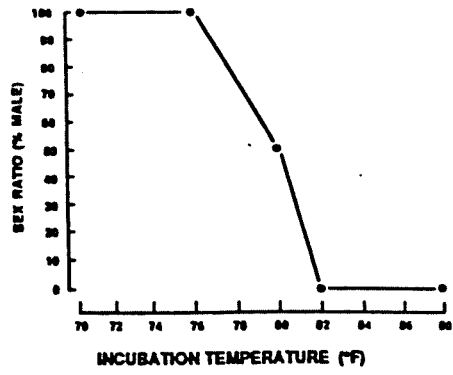


FIGURE 3

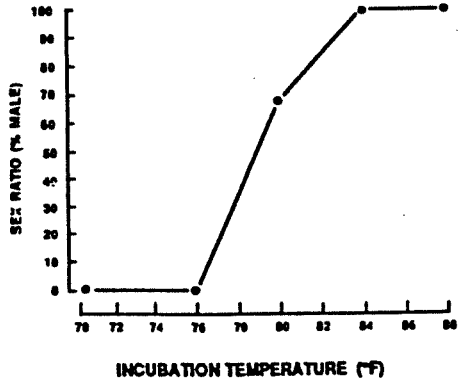
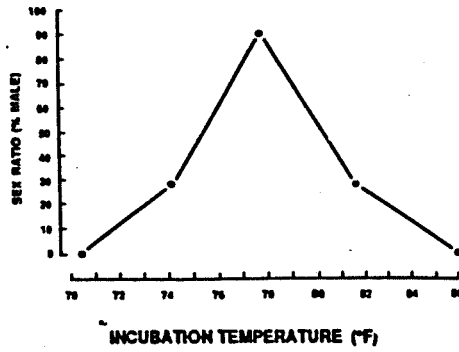


FIGURE 4



Non-Profit  
 Organization  
 U.S. Postage  
 PAID  
 Seabrook, Texas  
 Permit No. 632

ADDRESS CORRECTION REQUESTED

ARMAND BAYOU NATURE CENTER  
 8500 Bay Area Blvd.  
 P. O. Box 58828  
 Houston, TX 77258  
 (713) 474-2551