

Butterflies Set Hearts Aflutter

Butterflies are setting human hearts aflutter. These winged beauties can be found on the latest styles in hair and clothing accessories. Butterfly gardening is gaining a new popularity.

John Jackman, entomologist with the Texas Agricultural Extension Service. understands the overwhelming attraction to the butterfly.

"I think there's always been a lot of interest in butterflies," Jackman said. "It's an insect that is largely visual and attractive, so I think people are paying attention to it. Butterflies are a real popular item right now in Texas."

The Lone Star State is home to more than 400 species of butterflies, and many garden enthusiasts are learning to plant the right flowers to get these beautiful their creatures to visit backyards.

do is you can plant a variety Murano, director for the of flowers," Jackman said. "Some flowers are a lot more attractive than others. Lantana is a good hosp plant what it means." - butterfly bush and butterfly collection that is really good."

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Food Irradiation Considered Safe

With summer's arrival, irradiated ground beef will be arriving for the first time at the grocery stores. But is it safe? According to a food safety researcher with Texas A&M University, it is as safe as eating food cooked in your microwave.

"Irradiation in itself is not a "A couple of things you can bad thing," said Dr. Elsa Center for Food Safety. "It has a negative connotation to some people who don't know

Irradiation is the application weed too. There is a whole of high energy to decontaminate food for microorganisms Butterflies and moths are a or insects or parasites. It is similar to the energy used in microwave ovens' however,

irradiation uses a shorter wavelength of much higher energy, she explained.

"You can treat vegetables, fruit, meat or poultry without affecting the way they look, taste or smell," she said.

Heat treatments - such as pasteurization - can change the composition of these products.

According to Murano, the benefits of irradiation are:

*Food safety - eliminating pathogenic organisms such as salmonella and E. 0157:H7

*De-infestation - eliminating insect pests, a great concern of the fruit and vegetable industry.

*Extending shelf life reducing the number of food spoilage micro-organisms.

"For instance, you may have ground beef that spoils in the refrigerator in three to five days," she said. "If it is irradiated, it can last as long as 30 days. Strawberries may get moldy in the refrigerator in less than a week, but with irradiation, they can stay fresh for about 20 days."

Recent beef contamination scares - including a recall of 25 million pounds of ground beef feared contaminated with E. coli 0157:H7 in 1997 - has heightened interest in irradiation. The federal government approved irradiation for ground beef in February.

At food sterilization levels, or even higher levels of irradiation, products will be shelf-stable and will not have to be refrigerated, she said.

"Astronauts on the space shuttle eat beef steaks that have been irradiated at sterilization doses," she said "(The steaks) are cooked first, packaged and irradiated. The astronauts heat them up and eat them."

The Centers for Disease Control and Prevention recently reported illnesses caused by food contaminated with food-borne pathogens have declined 19 percent since 1997. Approximately 855,000 fewer people in the U.S. became ill from foodborne illnesses in 1999 the CDC reported.

Still, food-borne pathogens are estimated to cause 76 million illnesses, 325,000 hospitalizations and 5,200 deaths annually in this nation, according to the CDC's latest figures.

"Five-thousand deaths is not acceptable," Murano said. "Consuming food for your health should not be considered a risky practice."

The food approved for irradiation by the Food and Drug Administration is irradiated at lower levels than that used for astronauts. fruits and vegetables are irradiated against insect pests and

Treatment in sprinkler-irrigated fields explained

present a special challenge eradication efforts the water because can wash insecticide off the plants, diminishing effectiveness.

The Texas Boll Weevil Eradication Foundation has units for 24-hours, which efficiency with the least leaves and allow it to do amount of interference to the producer's operations.

If a crop has reached to pinhead square and trap running, the position of the catches indicated the need

Sprinkler-irrigated fields growers who use sprinkler stake at irrigation systems will be given two options, said program director.

Growers will be first asked if they are willing to shut off their irrigation developed guidelines to would allow the insecticide the program's to adhere to the plant its works, Allen said.

If growers would prefer leave their units pivot or lateral-move boom for a field to be treated, will be marked with a

time of the application, he said. Two days after application, the Charles Allen, Foundation pivot or boom's position will be marked again, and cotton the that was irrigated by sprinkler would be retreated.

This allows growers to irrigate continually while still effectively reducing weevil populations, Allen

Growers with questions about these procedures should contact their district offices or call Foundation headquarters.

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4-H News

Borden County 4-H Horse Project

The Borden County 4-H Horse Project consistently grown over the past several years with 29 4-H and pre-4-H age participating. members Participants in this project are involved in activities to assist them in improving their horsemanship as well as sportsmanship skills.

This project group met six times from June 6th -27th at the county arena. Appreciation is extended to parents and leaders for their support of this project area as well as all the spectators who came out each night and encouraged and supported the 4-H members for their participation and involvement.

Placing in each of the four age groups are as follows:

PEE WEE LEAD

Name		Points
1.	Katy Pelham	64
2.	Flint Roberts	52
3.	Colton Stephens	45
4.	Colten Hughes	36
5	Branson Smith	35

PEE WEE 1. Jessica Pelham 58 2. Keid Williams 54 3. Riley Smith 48 4. Chance Taylor 35 33 5. Bailey Anderson 29 6. Lacey Roberts 7. Chelsea Stephens 21 **JUNIOR** 1. Cutter Whipple 70 42 2. Shiloh Pool 3. Garrett Pool 39 4. Whitney Anderson 33 5. Lacey Newton 30 6. Chance Pool 25 7/8 Kalli Poole 24 7/8 Kylan Reynolds 24 9. Sharelle Gass 13 10. Rowdy Clary 11 11. Brice Smith 12. Shelby Roberts 13. Kyann Williams

SENIOR 1. Clay John Anderson 72 2. Clint Johnson 52 3. Kylia Culp

4. Tanner Poole 50 Thanks to the Borden

County Commissioners Court and Stanley Gass for the weekly preparation of the county arena for this project.

District 2 4-H Horse Show

sented Borden County 4-H at the District 2 4-H Horse Show held at the South Plains Fairgrounds in Lubbock on June 26th. participated Cassidy barrel racing and breakaway roping. Her win in barrel division

Cassidy Ogden repre- State 4-H Horse Show to be held in Abilene on July 23rd - 29th. Cassidy is the daughter of Randy and Lisa Ogden of the Plains in Borden Community County.

Congratulations good luck to Cassidy at racing advances her to the the State 4-H Horse Show.

Summer Time Get-A-Way's

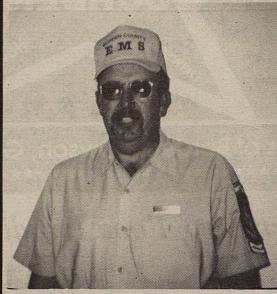
Please send me your Summer Get-a-Way stories. Mail it to Box 137, Gail, TX. or call 756-4402.





Borden County EMS Member Profile

In an effort to inform Borden County residents of current EMT, Intermediate, and paramedic personnel in the county, The Borden Star will run a summer series profiling these people who volunteer their time in providing a valuable service for this county. Special thanks to Borden County EMS Reporter Brice Key for his input with this article.



This week's Borden County EMS Member Profile is Bob Kempf.

Bob lives in Gail along with his wife Mary and daughters Shawna, Bobbie and Dalene where he works at the Texas Department of Transportation.

He has been a member of the Borden County EMS for 1 year, and is

trained as an EMS Intermediate and is certified in defibrillation. He is currently serving as a director for the EMS.

Bob said "I like to help people, and after watching the EMS team at Borden County work and seeing how much pride they have and how particular they are about their work, I thought it would be an honor to be a member of their team."

Bob wants the community to know that when the EMS are preparing a patient for transport it might look like they are overdoing things a bit, but it is better to over treat than under treat a patient.

> For your Emergency Medical Needs Call: Borden County EMS 806/759-5111

Obituary

Virdie Ramsey 1909-2000

for Virdie Services Rebecca Ramsey, 91, of Farmersville and formerly of Borden County was held at 2 p.m. Sunday at Hurst's Field-Baker Chapel in Farmersville.

Burial was held at 3 p.m. Monday, July 2nd, Resthaven 2000 at Cemetery in Lubbock under the direction of Hurst's Fielder-Baker Funeral Home.

Ramsey Friday, June 30, 2000 in homemaker. Farmersville after a lengthy illness.

1909 in Farmersville. She Sydney Lloyd Ramsey of married William Leonard (Bill) Ramsey in 1937 in Rockwall. They lived and farmed in the Plains Community Borden

2000 Borden County 4-H Achievement Picnic

Thursday, July 6th, 2000 7:00 p.m. - Gail Park Pavilion Located behind the school

All Borden County 4-H members and their families are invited to attend this annual event. If you have not turned in your achievement award application, please do so as soon as possible. If you have any questions, please call the Extension office at 806/756-4336

She was preceded in death of Alabama; and by her husband Bill in grandchildren. died January 1991. She was a

Survivors include three Leonard Russell She was born June 11, Ramsey of Brownwood, Lubbock and James Carroll Ramsey of Maryland; a sister, Juanita Spearman of Farmersville; two brothers, Clyde Murray of Mount

County for several years. Vernon and Millard Murray

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butterflies to gardens, the host plants f as well as fl the adults. interesting butterflies, moths and Texas butte the number that call our

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Butterflies

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group of insects called Lepidoptera, which is coined from two Greek words meaning "scale winged." They have four wings that are almost always covered by colored scales.

The species, its life stage, the time of the year and each region of Texas determine host plants.

Females choose certain plants - usually on the food that will sustain the larvae upon hatching - to lay eggs.

An emerging caterpillar eats plant parts and attaches its chrysalis or silken cocoons to twigs or leaves, with the pupa inside. Inside the chyrsalis, the caterpillar structures are broken down chemically, the adult's new structures are formed and the butterfly emerges.

Most butterfly adults sip nectar with their coiled proboscis.

The Extension service is now making it easier to identify 16 of the most popular butterflies of Texas through the creation of a fullcolor identification wheel

"Butterflies of Texas" includes photographs of both the caterpillar and the adult butterfly of each of the species featured.

To help people attract more butterflies to their lawns and gardens, the wheel also lists host plants for the caterpillars as well as flowers that attract the adults. The wheel offers interesting facts about butterflies. skippers and moths and names the 12 Texas butterfly families and the number of species in each that call our state home.

The wheel was created to have a dual purpose, said Diane Bowen, Extension communications specialist and one of the creators of the wheel.

"When we made butterfly wheel, we wanted to make it as useful and beautiful as possible," she said.

"We wanted to make it portable, water and dirt resistant so you could go out

to the garden and if you saw a butterfly, you could take it out and say, 'it's a black or tiger swallowtail,' and look at the wheel and see if it matches."

The "Butterflies of Texas" wheel can be purchased at most nurseries and garden centers, museums through the Texas Agricultural Extension Service for \$10.95. To order a copy, send a check or money order payable to Texas Agricultural Extension service, Distribution and Supply, P.O. Box 1209, Bryan, Texas 77806. Specify publication L-5308, "Butterflies of Texas."

"They've been flying off the shelves," Bowen said. "Our first edition sold out n four months and our second edition sold out in we months, and now we are on our third edition. People just find it fun and useful way to learn about butterflies."

Classified Ads

New Steel Building in Crate.

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If you feed a wild moose often enough, it will begin to attack people who don't feed it.

Douglas/Evans Exchange Vows

- Joni Lynn Douglas of Big Spring and Sgt. James O. Evans of Ft. Myer, VA were united in marriage May 27, 2000 at the Big Spring Country Club with the Rev. Jim Pope officiating.

Joni is the daughter of Benjamin and Geraldine Douglas, Big Spring. James is the son of Richard and Sandra Bloom of Coahoma, and the grandson Norman Sneed of Gail and Opal Evans of Brownwood, formerly of Snyder.

Given in marriage by her father the bride wore an Alfred Angelo gown of white satin with a basketweave bodice adorned with pearls. She carried bouquet of white lilies and pastel pink roses.

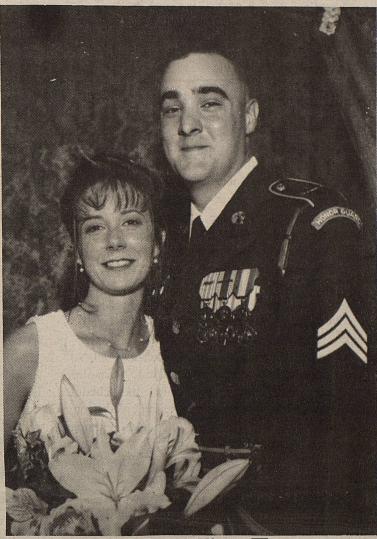
Leeann Henderson, of Keller, sister of the bride was matron of honor. Crissy Mayfield of Denton and Andrea Baldock of Abilene were bridesmaids.

Sgt. Scott Frasen, Ft. Myer, VA, served as best Groomsmen were man. Beccera of Big Javier Spring and PFC Bradlee brother of the Evans, groom, Ft. Bragg, NC. Christopher Henderson, nephew of the bride was candlelighter and usher.

Tandace and Zack Gilliam, niece and nephew of the groom were flower girl and ring bearer.

A reception was held at the Country Club following the ceremony. The bride's table was covered white lace cloths. The bride's cake was a three tiered white cake enchasing a pair of champagne glass candles and trimmed with navy ribbon and white flowers. Also on the brides table was a silver punch bowl, and silver candle sticks with navy tapers.

The grooms table was covered with a white cloth decorated with blue and silver. The groom's cake was a chocolate double heart shaped with their chocolate and names



Mr. & Mrs. Jim Evans ...nee Joni Douglas

was a silver champagne bucket and silver candle holder and a rose bud vase to complete the décor.

The bride is a 1997 graduate of Big Spring High School and was employed by Wells Fargo

dipped strawberries. There Bank in Big Spring. The groom is a 1994 graduate of Big Spring High School and is currently serving in the United States Army.

After a wedding trip to Las Vegas, NV, the couple will make their home in the Washington, DC Metro



Courthouse News

WHEREAS, On this the 22nd day of May, 2000, the Commissioners' Court of Texas, Borden County, convened in Special Session in the Commissioners Courtroom at the Courthouse in Gail, Texas, the following members of the Court being present, to-wit: VAN L. YORK, County Judge, Presiding; DOUG ISAACS, Commissioner, Prec. No. 1; LARRY D. SMITH. Commissioner, Prec. No. 2; VERNON WOLF, Commissioner Prec. HURSTON 3; JR. Commis-LEMONS, sioner Prec. No. 4; JOYCE HERRIDGE, County Clerk ex-officio of Commissioners Court.

constituting a quorum, when the following proceedings were had, in accordance with the posted agenda:

MINUTES APPROVED

Minutes of the Commissioners Court meeting of May 8th, 2000 were read. Commissioner Lemons made a motion to approve said minutes. Motion was seconded by Commissioner Wolf. Motion carried.

ACCOUNTS ALLOWED

The current accounts were examined and Commissioner Smith made a motion to approve and pay said accounts. Commissioner Lemons seconded the motion. Motion carried.

WATER DEPARTMENT

Commissioner Wolf made a motion to hire Randy Hardman for Borden County Water Maintenance and to hire Johnny Kite with hourly wage as Relief Maintenance and for electrical work. Commissioner Isaacs seconded the motion. Motion carried.

PERMANENT SCHOOL FUND

Commissioner Isaacs Wolf and made a motion to renew unanimously.

the Permanent School Fund's Certificate of Deposit in the amounts of \$839,600.00 and \$734,300.00 for a period of six months in accordance with the Snyder Bank Depository Contract. Commissioner Smith seconded the motion. Motion carried.

ASPHALT BID

No asphalt bids were received as advertised.

FUEL BIDS

Bids for the purchase of Diesel Fuel-No. 2 and unleaded Gasoline were opened as scheduled. Bids were received from Eddins-Company Walcher Snyder and Parks Fuels, Inc. of Big Spring. Commissioner Lemons made a motion to accept the bid from Eddins-Walcher Company. Commissioner Isaacs motion. seconded the Motion carried.

PROPANE BIDS

Bids for the purchase of Propane were received from Eddins-Walcher Company of Snyder. Commissioner made a motion to accept Eddins-Walcher's bid. Commissioner Wolf seconded the motion. Motion carried.

GRAVEL BIDS

A bid for Gravel was received from R.E. Janes gravel of Abilene and Laredo Paving, Inc. of Big Spring. Commissioner Smith made a motion for Precinct 1 and 2 to accept R.E. Janes Gravel's bid and Precinct 3 and 4 to accept Laredo Paving, Inc.'s bid. Commissioner Isaacs seconded the motion. Motion carried.

ADJOURN

A motion was made by Commissioner Isaacs to adjourn. Motion was seconded by Commissioner Wolf and approved unanimously.

Food Irradiation

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poultry and irradiated against salmonella, campylobacter other pathogenic bacteria.

Beef, pork and lamb are approved for irradiation to combat E. coli 0517-H7, listeria, salmonella and foodborne bacteria.

This summer there will be limited test marketing of irradiated ground beef, Murano said. However, she does not know if there will be any marketed in Texas. The wholesaler involved is reluctant to specify where it will be available until shortly before the test markets because of concerns about a groundswell of public rejection.

Products that have been irradiated will carry the internationally-recognized symbol called the radura, a green circle with a symbol similar to a flower inside.

The only products that do not carry the radura are those pre-packaged foods and stews that contain irradiated Europe.
"Over forty years of research shows the process will not affect the food in any way that will harm the consumer in the least," she

spices. These spices are in

such minute amounts it is not

Irradiation is not a new

people tend to think of it that

way, she said. It has been

used since the 1950's in many

areas of the world, including

even though

considered necessary.

technology

There are two types of irradiation. The first exposes products to gamma rays produced by radioactive isotopes such as Cobalt 60. This causes ionization, or separation of the product into ions (atoms or atom group).

The second method uses a machine called the linear accelerator, which produces either accelerated electrons or x-rays, both of which also cause ionization.

The rays penetrate food throughout, she explained, but does not leave residue or cause the food to "glow in the dark."

For any material to become radioactive, energy would have to be applied at levels at much higher than with irradiation.

"It is a physical fact that foods will not become radioactive when you use these sources," she said.

Irradiation has been approved by many health organizations, including the American Medical Association, Institute of Food Technologies, and the World Health Organization.

"It is one of those perceptions we need to overcome and will overcome with education," Murano said. "If consumers realize what you are doing is applying energy to food, and realize the food will not be changed in any way, they will accept it."

Summer Paper

Since school is out, the *Borden Star* staff will be publishing the normal summer 4-page paper periodically throughout the summer months.

We still want your news to keep the Star the same quality paper, so if you have any news about summer activities, births, weddings, death, college students or any other bits of community information, please contact the Borden Star at 806/756-4402 or mail it to P.O. Box 137, Gail, TX 79738





Did You Know...

Twenty children under 18 died from bicycle-related injuries in 1997; three-quarters of these deaths were due to head injury!

TDH Bureau of Vital Stastics BORDEN CO. EMS 806/759-5111

