# THE BULLETINEWS

#### July 2015 Volume 9, Issue 7

News for the Residents of Belterra

#### WELCOME TO BELTERRA HOA NEWS

A Newsletter for the Belterra Community

The Bulletin is a monthly newsletter mailed to all Belterra residents. Each newsletter will be filled with valuable information about the community, local area activities, school information, and more.

If you are involved with a school group, play group, scouts, sports team, social group, etc., and would like to submit an article for the newsletter, you can do so online at www.PEELinc. com. Personal news (announcements, accolades/ honors/ celebrations, etc.) are also welcome as long as they are from area residents.

**GO GREEN!** Subscribe via Peelinc.com to have an email sent to you with a link to a PDF of the newsletter, or have an email sent to you instead of having a newsletter mailed to you!

## Hosting an Exchange Student

Did you ever wonder what hosting a foreign exchange student is about? Well here it is in a nutshell....

Hosting an exchange student is a great way to learn about another country and culture without leaving your home town. It provides a cultural exchange experience for the entire family while providing a student from another country with a slice of American life.

Hosting an exchange student is like adding an international branch to your family tree. Many host families develop lifelong friendships with their exchange students and keep in

regular touch with them. Some even visit them in their home countries, or invite them back for weddings and graduations

Hosting an exchange student provides your family, your high school and your community with a direct window into another country and culture, providing an opportunity for life-long learning.

Families of all shapes and sizes can host an international exchange student. We've had host families with young children, no children, high school aged children – as well as empty nesters and single parent households.

Ayusa is a non-profit based in San Francisco that promotes global learning and leadership through foreign exchange and study abroad programs for high school students from around the world.

> For more information about hosting a high school foreign exchange student, please contact your local representative Vicki Odom at 832.455.7881 or vodom@ayusa. org or Ayusa at 1.888.552.9872 or by visiting the website at www.ayusa.org.

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### **IMPORTANT NUMBERS**

#### **EMERGENCY NUMBERS**

| EMERGENCY        | 911 |
|------------------|-----|
| Ambulance / Fire | 911 |

#### SCHOOLS

| Dripping Springs ISD           | 512-858-3000 |
|--------------------------------|--------------|
| Dripping Springs Elementary    | 512-858-3700 |
| Walnut Springs Elementary      | 512-858-3800 |
| Rooster Springs Elementary     | 512-465-6200 |
| Dripping Springs Middle School | 512-858-3400 |
| Dripping Springs High School   | 512-858-3100 |

#### UTILITIES

| Water – WCID # 1 & 2 512-246-0498              |
|--|
| Trash – Texas Disposal 512-246-0498            |
| Gas – Texas Community Propane 512-272-5503     |
| Electricity – Pedernales Electric 512-858-5611 |
| OTHER  |
| Oak Hill Post Office 512-892-2794              |
| Animal Control 512-393-7896                    |

#### NEWSLETTER PUBLISHER

| Peel, Inc.          |                           |
|---------------------|---------------------------|
| Article Submissions | belterra@peelinc.com      |
| Advertising         | . advertising@peelinc.com |

### NOT AVAILABLE ONLINE



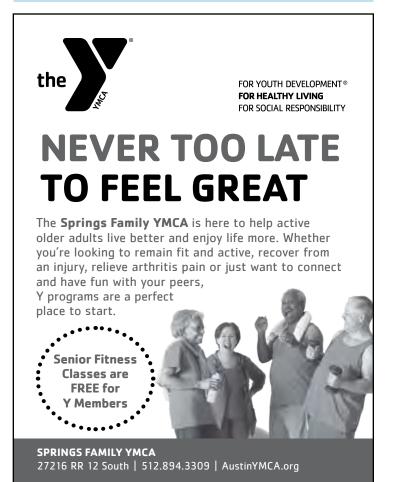
## Pool Season Is Here!

#### **Summer Pool Hours:**

Weekdays 9:00 a.m. – 9:00 p.m. Saturdays 9:00 a.m. – 9:00 p.m. Sundays 12:00 p.m. – 6:00 p.m.

Adult swim is everyday 5:00 a.m. - 9:00 p.m





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Cicadas are fairly large insects but can vary in size with some growing over 1 <sup>1</sup>/<sub>2</sub> inches. Color may also vary depending upon species, but many are brown or green. All cicadas have bulging eyes and, on adults, wings that are held roof-like over the body. The wings are semi-transparent with thick wing veins. The majority of their life cycle is spent underground.

Cicadas have 2-5 year life cycles and appear in Texas in mid to late summer. Females insert egg clusters into branches of trees using their saw-like ovipositor



(egg laying structure). Eggs hatch after about 6 weeks and small nymphs drop to the ground where they burrow into the soil. Nymphs feed on sap of tree roots with their piercing-sucking mouthparts. After becoming fully developed, nymphs emerge from the ground at night and climb onto nearby objects such as tree trunk, plants, fences, etc. Adult cicadas emerge from the last nymphal stage leaving behind the exuviae (cast skin). Adults can live 5-6 weeks.

Male cicadas are well known for their "song". They rest on a tree and produce a whining sound to attract females. The sound is produced by two vibrating membranes on the side of the abdomen. Females do not "sing". Adults feed on juices from tender twigs, but usually do not cause lasting harm to the plant from feeding.

For more information or help with identification, contact Wizzie Brown, Texas AgriLife Extension Service Program Specialist at 512.854.9600. Check out my blog at www.urban-ipm.blogspot.com

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# OF AN EYE NATUREWATCH

#### by Jim and Lynne Weber

For many of us, the outdoor magic and mystery of summer nights was best embodied by the blink of fireflies or 'lightning bugs', which are neither flies nor bugs, but beetles. With over 170 species of fireflies in North America, and about 36 of those species in Texas, fireflies fall into three main genera: the Photuris, Photinus, and the Pyractomena. The most common species in Texas is the Pennsylvania Firefly (Photuris pennsylvanicus), which ranges from the eastern U.S. to Kansas and into Texas.

Most likely to be spotted at night in fields and near wooded areas, the adult Pennsylvania Firefly's elytra (hardened forewings around a firefly's natural habitat decreases the chance it will find a mate. In order to rise to the challenge of producing offspring with artificial light around, fireflies must increase the intensity of the flashes they produce in order to be seen. This increased light emission decreases the stored energy supply in the firefly that would normally be used directly for reproduction. Artificial light also exposes the fireflies to nighttime predators, even when they are not blinking. This combination of effects from artificial light directly decreases the chance that fireflies will survive and mate.

Flashes of light can be emitted by both male and female

that form a protective covering over flight wings) are dark brown with yellowish margins and slanted stripes. The head is yellow around the sides and red in the middle, and their overall length is about half an inch. After mating, the female lays tiny, spherical eggs singly or in small groups in damp soil, around grass or moss, and they hatch in about 4 weeks. The larvae feed in the grass on slugs, snails, earthworms, and cutworms, and in this immature phase their



light isn't visible unless they are turned over. They overwinter as larvae in small chambers within the ground, waiting for the spring months when they pupate and emerge in early summer as adult fireflies, giving them an average lifespan of approximately two years.

Firefly mating is dependent on the female seeing the distinct flashes of a mate-seeking male, and each must find the exact right blinking pattern in order to mate successfully. Males begin flying after dark, emitting yellow or yellow-green flashes, some flying above the tree canopy. Interestingly, ambient light fireflies, and can also be used for purposes other than mating. One additional use is to lure prey to them; in fact, females from the Photuris genus will often mimic the flashes of a female Photinus firefly, and a male Photinus that falls for it will quickly be devoured! Not all female fireflies are capable of flight, however, as some species are wingless and bear a strong resemblance to larvae rather than to adult males of the same species. Often, these types of fireflies are

referred to as 'glowworms'.

The abundance of fireflies has been decreasing over the years, greatly challenged by both the increasing presence of artificial light and the rapid development of our open fields and forests. As human light pollution and development continues to spread, fireflies just might disappear altogether, in a blink of an eye!

Send your nature-related questions to naturewatch@austin.rr.com and we'll do our best to answer them. Check out our blog at naturewatchaustin. blogspot.com if you enjoy reading these articles!



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# Mental Health Break

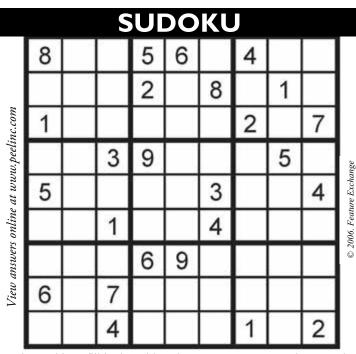
Who doesn't love a vacation? For many, vacations are a staple of summertime. But have you ever wondered why vacations make us feel so good? Sure, it's the adventure, seeing the sights, having new experiences. It is also about stepping away from our daily routines and taking a break from the mundane grind of daily life. So it may not be surprising to learn that vacations are wonderful for our mental health and sense of well-being.

In terms of brain science, the benefits of vacations are rooted in the idea of novel experience. Our brains love novelty. Our brains thrive with new experiences and flourish when presented with new sights, sounds, smells, ideas, and adventure. In addition, sharing these novel experiences with another person, like your spouse, family, or friend expands the dynamic of novelty while deepening your mutual bond and connection with another. As we age, we can develop a sense of "been there done that" and lose our childlike wonder of the world. We can easily fall into a rut because our brains are also designed to simplify and generalize our experience. When we learn something new, our brain tries to integrate it into the mind and move on. As a result, over time, the experiences that once brought us joy and excitement, may no longer do so.

So a vacation is an easy way to re-ignite our sense of awe and wonder. But a far-away adventure is not the only way to experience novelty. Anything that creates a shift in your routine can have a similar effect. Simply taking a walk, connecting with a friend, trying a new restaurant, or even a new dance/ yoga class can stimulate your brain toward a more healthy sense of well being. There are infinitely more ways to incorporate novelty into our lives, but before the summer ends, why not take a vacation?



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