

THE LONG **CANYON GAZETTE**

A Newsletter for the residents of Long Canyon

The Long Canyon Gazette is a monthly newsletter mailed to all Long Canyon residents. Each newsletter is 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!

NATUREWATCH: GONE TO SEED

Often used as an informal figure of speech meaning to deteriorate or go downhill, 'gone to seed' can have a negative connotation. But each seed contains a new beginning: a tiny plant just waiting for the right conditions such as water, warmth, and a good location, to germinate and grow. Seeds and seed heads form fascinating shapes, varying sizes, and intricate patterns, often adorning the fall and winter landscape.

Plants have many ways of dispersing their seeds, and most have evolved over millions of years. While the methods are tried and true, certain seeds have developed in very particular ways to take advantage of such methods, and some plants only release their seeds in response to specific triggers.

Wind helps seeds float or flutter away, often aided by seed structures such as thin wing extensions or long, feathery tails like those on the endemic Scarlet Clematis (Clematis texensis). Texas Bluebonnets (Lupinus sp.) employ the expulsion or explosion method, where the small, pebble-like seeds are forcibly expelled when the dried pods twist open in the warm sun. Gravity plays a part in many plants seed dispersals, where weighty seeds fall off the plant and roll to a new location. The best example of this are the round, heavy fruits that simply fall off a plant when ripe, such as those on Mexican Plum (Prunus mexicana) or Texas Persimmon (Diospyros texana). If the fruits have a tough outer shell, they may travel some distance from the parent plant, and if they have a soft skin, they may break open where they fall and scatter the seed or seeds within.

Some plants produce very light seeds, seeds with buoyant fluff, or seeds with air trapped in them, so they can float away from the parent plant that grows in or around water, like Common Buttonbush (Cephalanthus occidentalis) or Black Willow (Salix nigra). Others employ the assistance of animals, which can come in the form of seed or fruit eating (where the seed can pass undigested through the animal), seed caching or burying, or seed transportation. Often unbeknownst to the animal, seeds can be covered with tiny hooks or spines that catch on a passing animal's fur, and eventually rubbed off in another location. Common examples include Cedar Waxwings and American Robins eating juniper and yaupon berries, both ground and tree squirrels eating and caching acorns, and many animals (including humans) that emerge from the wilds carrying the seeds of Beggarsticks (Bidens sp).

This fall and winter, let the seeds linger! Not only do they provide much needed food for wildlife, but leaving them allows for some beautiful and mysterious patterns in your winter landscape, and the promise of renewing the cycle of life that begins again each spring!

Send your nature-related questions to naturewatch@austin.rr.com and we'll do our best to answer them. If you enjoy reading these articles, check out our book, Nature Watch Austin (published by Texas A&M University Press), and our blog at naturewatchaustin. blogspot.com.

(Pictures Continued on Page 2)

NEWSLETTER INFO

NEWSLETTER PUBLISHER

Peel, Inc......www.PEELinc.com, 512-263-9181 Article Submissions......longcanyon@peelinc.com Advertising.....advertising@PEELinc.com, 512-263-9181

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Please support the businesses that advertise in the Long Canyon Gazette. Their advertising dollars make it possible for all Long Canyon residents to receive the monthly newsletter at no charge. No homeowners association funds are used to produce or mail the newsletters. If you would like to support the newsletter by advertising, please contact our sales office at 512-263-9181 or advertising@PEELinc.com. The advertising deadline is the 8th of each month for the following month's newsletter.

CLASSIFIED ADS

Personal classifieds (one time sell items, such as a used bike...) run at no charge to Long Canyon residents, limit 30 words, please e-mail longcanyon@peelinc.com

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Scarlet Clematis seeds have long, feathery tails that aid in wind dispersal. Photo by Lee Page.



Velvet-leaf Mallow seed heads form interesting radial patterns and allow the seeds to disperse with gravity.
Photo by Laurie Neverman.



Illinois
Bundleflower seeds
are eaten and
dispersed by ground
birds such as quail.
Photo by Joseph A.
Marcus.



Texas Star is name after the fivepetaled flower and star-shaped seed head left behind after it blooms.

AGRILIFE EXTENSION

MEALYBUGS

Mealybugs are pests of landscape plants and houseplants. They are often active during times of warm, dry weather, but can also become a problem indoors at any time of year. Infestations usually start at the base of stems and then spread from there as populations increase.

Mealybugs are a type of unarmored scale insect. They are sexually dimorphic (males & females look different). Males have wings while females remain wingless and nymph-like throughout their life. Females are oval, soft-bodied and covered with a white waxy powder.

These insects have piercing-sucking mouthparts which they use to penetrate plant tissue and suck out juices. This can lead to chlorosis (yellowing of the plant), wilting and distortion. With larger infestations, the insects may cause stunted growth, premature leaf drop or death of the plant. Mealybugs are also known for secreting honeydew, a sweet, sticky substance on which a fungus called *sooty mold may grow.

*Sooty mold is a fungus that grows on honeydew excretions. Sooty mold can indirectly harm the plant by covering plant surfaces and reducing the amount of sunlight that reaches plant tissues, resulting in reduction of photosynthesis.

Since all but male mealybugs are wingless, adult females have to be placed near a host plant for them to infest it. They can crawl short distances to plants. Immatures can be blown to new locations by the wind, move by water or be transported by animals.

Tips for mealybug management:

- Conserve beneficial insects; there are many insects that will feed on mealybugs or parasitize them
- **Use high pressure water sprays to dislodge the insects from the plant
- **Insecticidal soap
- **Horticultural oils
- **Insecticides labeled for mealybug control
- For severely infested plants, it may be best to throw the plant away and buy a new one

**If treating houseplants, move plants outside during treatment then move back inside once treatment has dried.

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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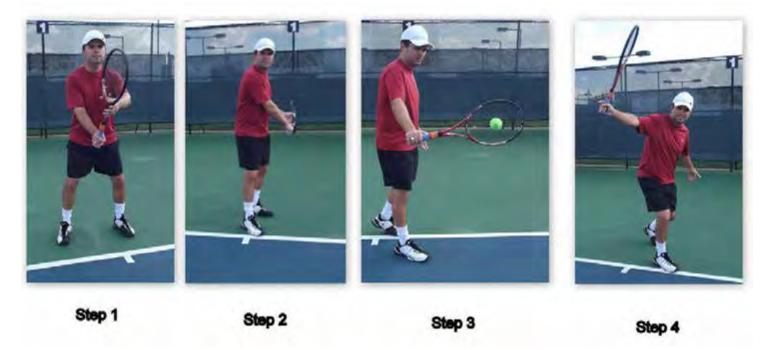
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By USPTA/PTR Master Professional Fernando Velasco Owner, Manager and Director of Tennis Grey Rock Tennis Club, Austin, TX



HOW TO HIT A ONE-HANDED BACKHAND

In previous newsletters, I offered tips on how to hit a Forehand and a Two-Handed Backhand. In this issue, I will give you instructions on how to execute a one-handed backhand for a right hander. This stroke is still used by many league and tournament players since it gives players a wider range of reach and flexibility to hit slices and drop shots. In this illustration, Jake Stine from the Grey Rock Tennis Club in Austin, TX shows the proper form and technique to hit the one-handed backhand stroke.

Step 1: Ready position: The body is facing the net. The right hand is holding the end of the racket in a forehand grip position and the left hand is on the throat of the racket. The left hand is holding the racket slightly tighter than the right hand. Feet are shoulder width apart and the body in is good balance.

Step 2: Back swing: When the opponent's ball is headed to the backhand side, the left hand takes the racket back and the right hand changes the grip with one quarter turn placing the index knuckle at the upper ridge of the handle. The body should start taking the racket back before the ball bounces. Notice the turn of the upper body and the right foot leading the left foot. Eyes are still focused on the incoming ball.

Step 3: Point of Contact: The eyes now shift toward the point of contact which should be about 12-18 inches in front of the right foot. The right hand is holding the racket tight. The racket has made contact with the ball and weight of the player has shifted toward the point of contact. It is important to keep the right shoulder closed and not open the left hip too early. Flexing the right knee will allow more flexibility and power on the ball.

Step 4: Follow Through: Once the racket has made contact with the ball, both of the arms need to be extended for better balance. The right arm should be straight and the follow through upwards above the head.

Look for next Issue: The Forehand Volley.

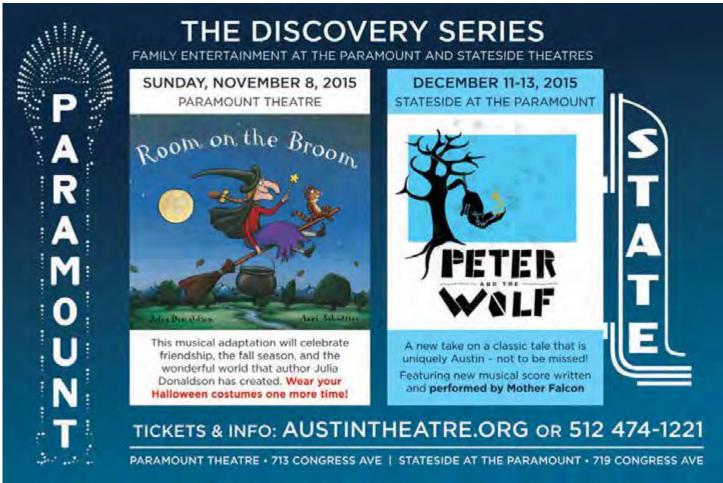
Adding Yoga to Workout Regime Can Improve Health

Implementing yoga into a workout routine can provide unique health benefits, said a Baylor College of Medicine physician and yoga enthusiast.

Yoga is a broad philosophy containing many different paths to achieve the goal of physical, mental and spiritual well-being, said Dr. Bobby Kapur, assistant professor of medicine at BCM and associate chief for emergency medicine at the Harris County Hospital District's Ben Taub General Hospital. In physical fitness, yoga is the practice of physical postures and breathing exercises that allow a person to strengthen the body and at the same time enter a meditative and relaxed state of awareness.

Yoga entails various positions, stretching and deep breathing. Practicing yoga can help a person improve flexibility, balance, limberness, blood circulation, and it can also relax muscle tension and fight infection, Kapur said.







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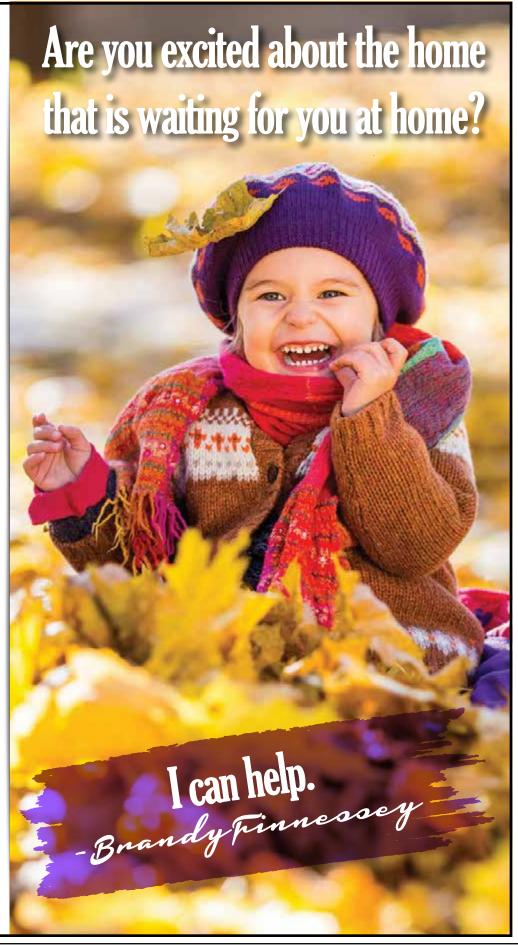
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