

Signs of fall senescence

I don't just rely on fall color to tell me the seasons are about to change; there are so many other little things to observe that help me make the transition. Gossamer webs floating in the air, the long shadows of a sun falling slowly in the southern sky, walnuts hidden in the grass, and robins flocking in search of crabapples and other fall fruit.

These are the signs of fall to me; they prove mostly comforting but also remind me that I need to get ready for the first frost and inevitable hard freeze, after which there is no turning back. Maybe we will have a brief return to summer, with a warm stretch in November, maybe not.

No matter, the tropical house plants are making their way back into the house where they will take up residence in a sunny window, most will be put on a diet of little water and no food so they can rest a bit through the short days of winter. Orchids sit on my desk in the sun; I'll wait for the emerging sheaths to

turn to bloom later in the winter. The holiday cacti and amaryllis will sit in a room that has natural light so they will set their buds accordingly.

But the thing that really steals the show this time of the year is, indeed, what we call fall. The senescence of foliage is a remarkable physiological response that marks part of the seasonal cycle for deciduous plants.

Bernd Heinrich, in his book Summer World, discusses the likely evolutionary response to snow and ice load. Trees with broad leaves learned that shedding leaves in fall would reduce the damage that may occur in winter if there was ice and snow. So, over a very long period of time the art of senescence by deciduous trees was perfected to maximize the storage of food, refresh your foliage, and provide a rest up top while continuing to establish a stronger root system below. Plus, all those falling leaves in the fall turned into organic matter which the tree could snack on for the rest of the winter. That's sustainable.

So, I have been waiting for the color to start draining from the leaves...its early October, after all. But for many in Kentuckiana the recent dry spell may make for an early (and less colorful) senescence. Drought conditions also make for a faster leaf drop which is a survival mechanism since trees transpire moisture through their foliage. Interestingly, those fall colors are always there; they are just waiting for the green produced by chlorophyll to drain back into the tree for stored energy during dormancy.

Here's what happens in the seasonal cycle of a tree: during the long days of summer trees are continuously replenishing their supply of chlorophyll, which uses sunlight and carbon dioxide to make food for the tree in the form of carbohydrates. As the days get shorter and the amount of sunlight decreases, trees take what chlorophyll is left and drain it back into the tree for stored energy. As the chlorophyll drains from the leaves the fall color is revealed.

What makes for the rainbow of colors underneath

the mask of chlorophyll-green? Pigments called carotenoids (yellow, brown, and orange), anthocyanin (reds and purples), and a combination of the two create the dramatic reds, bronze and bright orange found in sumacs and oaks.

The carotenoid pigments are always present in the leaves, but the anthocyanins are produced later in the summer, triggered by cooler evening temperatures and shorter days. More anthocyanins will be produced if this time period is warm and sunny because it allows for extra sugar production. More sugar means more intense color and more sugar means more sun; so, a late summer with clear sunny days and cool nights means more vibrant fall color. It seems like some of us may be on track for some good fall color if you did get some rain in late summer-we did and we are having clear days and cool nights so I am optimistic that we will see some color. The black gum is showing some red and it's usually the first to turn. But, for now, I'll be watching the robins, squirrels and spiders for my autumn correlation.

SOCCER

FROM PAGE B1

top seed in the tournament and played host Hart County in the second round on Monday night. The Raiders edged Campbellsville 1-0 to advance to the semifinals.

In the loss to Elizabeth-

town, Marion County managed only one goal against the Panthers, a penalty kick from Jackson Truitt. Elizabethtown proved to be a tougher opponent than its record revealed as the Panthers have played a top notch schedule according to Knight Coach James Clements. Unfortunately,

the Knights also lost the services of senior Camden Murphy for the first round of the district after receiving two yellow cards during the game.

The Knights shut out Hart County in its previous meeting 4-0 and Clements seems confident that his team is prepared after its own tough schedule

of opponents.

"We're getting our wheels turning and getting ready. We've got to show up and play our game and pick up the slack," he said.

If victorious on Monday, the Knights will face either LaRue County or Taylor County in the finals at 6 p.m. tonight at Hart County High School.

YOUR CUSTOMER
JUST READ
THIS AD.
**ADVERTISE
WITH US.**



ESTATE SALE
Collectables, Antiques, Household Goods, Furniture 8 a.m. to 3 p.m. Friday & Saturday Oct. 10 and 11 9500 Danville Highway Gravel Switch, KY 40328



**PHIL'S
PAINTING SERVICE**
LLC

INTERIOR • EXTERIOR
INDUSTRIAL • COMMERCIAL • RESIDENTIAL
FULLY INSURED
**PHONE DAY OR NIGHT
(270) 692-9857**



**PHILLIP GOOTEE
OWNER**

**1915 ST. MARY RD.
LEBANON, KY 40033**

LEGAL NOTICE

CASE # 25-P-00003
James Mitchell Mattingly and Elizabeth Jacqueline Byars of the estate of Betsy Lou Mattingly, have filed a final settlement and a hearing for confirmation and approval will be held on 11/12/2025 in the Marion County District Court. Any exceptions of objections to such settlement must be filed prior to that date.

CASE # 25-P-00019
Donald Christopher Green and Julie Ann Anders of the estate of Mary Carolyn Green has filed a final settlement and a hearing for confirmation and approval will be held on 11/19/2025 in the Marion County District Court. Any exceptions of objections to such settlement must be filed prior to that date.

CASE # 23-P-00064
Randy Lee Turpin of the estate of Pina Adeline Turpin has filed a final settlement and a hearing for confirmation and approval will be held on 11/12/2025 in the Marion County District Court. Any exceptions of objections to such settlement must be filed prior to that date.

The Lebanon Enterprise

CLASSIFIED DEADLINE

THURSDAY - 4:00 PM

**Contact Customer Service at
(270) 692-6026, Option 1 or
classifieds@lebanonenterprise.com**

Monday-Friday 8AM-4PM

***Holidays advance deadline by 24 hours.**

PAXTON MEDIA GROUP

CLASSIFIED ADS

CALL TO PLACE YOUR AD IN PRINT AND ONLINE IN KENTUCKY

0100 ANNOUNCEMENTS

AFFORDABLE TV & INTERNET. If you are overpaying for your service, call now for a free quote and see how much you can save! 1-877-548-7494 Get DISH Satellite TV + Internet! Free Install, Free HD-DVR Upgrade, 80,000 On-Demand Movies, Plus Limited Time Up To \$600 In Gift Cards. Call Today! 1-855-633-4574

Attention: VIAGRA and CIALIS USERS! A cheaper alternative to high drugstore prices! 50 Pill Special - Only \$99! 100% guaranteed. CALL NOW: 1-877-690-2326

BATH & SHOWER UPDATES in as little as ONE DAY! Affordable prices - No payments for 18 months! Lifetime warranty & professional installs. Senior & Military Discounts available. Call: 1-833-770-0957

Become a Published Author. We want to Read Your Book! Dorrance Publishing-Trusted by Authors Since 1920 Book manuscript submissions currently being reviewed. Comprehensive Services: Consultation, Production, Promotion and Distribution Call for Your Free Author's Guide 1-855-209-2951 or visit dorranceinfo.com/Kentucky

CASH PAID FOR HIGH-END MEN'S SPORT WATCHES. Rolex, Breitling, Omega, Patek Philippe, Heuer, Daytona, GMT, Submariner and Speedmaster. These brands only! Call for a quote: 1-833-641-6058

Choose EarthLink Fiber Internet for speeds up to 5 Gigs, no data caps, no throttling. Prices starting at \$54.95. Plus, a \$100 gift card when you make the switch. Call 1-833-974-4780

Consumer Cellular - the same reliable, nationwide coverage as the largest carriers. No long-term contract, no hidden fees and activation is free. All plans feature unlimited talk and text, starting at just \$20/month. For more information, call 1-833-353-2982

DIRECTV OVER INTERNET - Get your favorite live TV, sports and local channels. 99% signal reliability! CHOICE Package, \$84.99/mo for 12 months. HBO Max and Premium Channels included for 3 mos (w/CHOICE Package or higher.) No annual contract, no hidden fees! Some restrictions apply. Call IVS 1-888-340-6138

0100 ANNOUNCEMENTS

DENTAL INSURANCE from Physicians Mutual Insurance Company. Coverage for 400 plus procedures. Real dental insurance - NOT just a discount plan. Do not wait! Call now! Get your FREE Dental Information Kit with all the details! 1-855-900-7392 www.dental50plus.com/26 #6258

DIRECTV- All your entertainment. Nothing on your roof! Sign up for Directv and get your first three months of Max, Paramount+, Showtime, Starz, MGM+ and Cinemax included. Choice package \$84.99/mo. Some restrictions apply. Call DIRECTV 1-866-292-5435

Donate your car, truck, boat, RV and more to support our veterans! Schedule a FAST, FREE vehicle pickup and receive a top tax deduction! Call Veteran Car Donations at 1-833-984-2146 today!

Frankfort Office Space for rent: Second floor with four large office areas, restroom. Office desks furnished. Located ½ mile from I-64 Lawrenceburg exit 53A. Electric, water, gas, utilities and internet included. \$2,200 per month. Call Bonnie Howard, Kentucky Press Association, 502-223-8821.

Get a break on your taxes! Donate your car, truck, or SUV to assist the blind and visually impaired. Arrange a swift, no-cost vehicle pickup and secure a generous tax credit for 2025. Call Heritage for the Blind Today at 1-877-581-3053 today!

Get Boost Infinite! Unlimited Talk, Text and Data For Just \$25/mo! The Power Of 3 5G Networks, One Low Price! Call Today and Get The Latest iPhone Every Year On Us! 855-841-2894

GOT AN UNWANTED CAR??? DONATE IT TO PATRIOTIC HEARTS. Fast free pick up. Patriotic Hearts' programs help veterans find work or start their own business. Call 24/7: 1-833-485-3141.

HOME BREAK-INS take less than 60 SECONDS. Don't wait! Protect your family, your home, your assets NOW for as little as 70¢ a day! Call 1-833-360-5407

0100 ANNOUNCEMENTS

Inflation is at 40year highs. Interest rates are way up. Credit Cards. Medical Bills. Car Loans. Do you have \$10k or more in debt? Call NATIONAL DEBT RELIEF and find out how to pay off your debt for significantly less than what you owe! FREE quote: Call 1-844-262-5602

Jacuzzi Bath Remodel can install a new, custom bath or shower in as little as one day. For a limited time, waiving ALL installation costs! (Additional terms apply. Subject to change and vary by dealer. (Offer ends 12/31/25.) Call 1-866-837-5986

CENTRAL KENTUCKY BARN WOOD
Currently looking for old barns to take down.
Buying reclaimed lumber 1x,2x, grey weathered siding,brown interior lumber. Taking beams 12' and longer.
More details call 270-299-5767

No more cleaning out gutters. Guaranteed! LeafFilter is backed by a no-clog guarantee and lifetime transferrable warranty. Call today 1-866-329-2415 to schedule a FREE inspection and no obligation estimate. Get 15% off your entire order. Plus, Military & Seniors get an additional 10% off. Limited time only. Restrictions apply, see representative for warranty and offer details.

Portable Oxygen Concentrator May Be Covered by Medicare! Reclaim independence and mobility with the compact design and long-lasting battery of Inogen One. Free information kit! Call 888-982-0374

Prepare for power outages today with a Generac Home Standby Generator. Act now to receive a FREE 5-Year warranty with qualifying purchase. Call 1-844-688-8576 today to schedule a free quote. It's not just a generator. It's a power move.

Replace your roof with the best looking and longest lasting material – steel from Erie Metal Roofs! Three styles and multiple colors available. Guaranteed to last a lifetime! Limited Time Offer up to 50% off installation + Additional 10% off install (for military, health workers & 1st responders.) Call Erie Metal Roofs: 1-888-306-0302

0100 ANNOUNCEMENTS

Safe Step. North America's #1 Walk-In Tub. Comprehensive lifetime warranty. Top-of-the-line installation and service. Now featuring our FREE shower package and \$1600 Off for a limited time! Call today! Financing available. Call Safe Step 1-888-302-4539

Struggling with debt? If you have over \$15,000 in debt we help you be debt free in as little as 24-48 months. Pay nothing to enroll. Call Now: 1-877-857-0268

SunSetter. America's Number One Awning! Instant shade at the touch of a button. Transform your deck or patio into an outdoor oasis. Up to 10-year limited warranty. Call now and SAVE \$350 today! 1-866-348-8793

We buy 8,000 cars a week. Sell your old, busted or junk car with no hoops, haggles or headaches. Sell your car to Peddle. Easy three step process. Instant offer. Free pickup. Fast payment. Call 1-844-440-0399

We Buy Houses for Cash AS IS! No repairs. No fuss. Any condition. Easy three step process: Call, get cash offer and get paid. Get your fair cash offer today by calling Liz Buys Houses: 1-888-287-5615

We Buy Vintage Guitar's! Looking for 1920-1980 Gibson, Martin, Fender, Gretsch, Epiphone, Guild, Mosrite, Rickenbacker, Prairie State, D'Angelico, Stromberg. And Gibson Mandolins / Banjos. These brands only! Call for a quote: 1-833-641-7011

Wesley Financial Group, LLC Timeshare Cancellation Experts Over \$50,000,000 in timeshare debt and fees cancelled in 2019. Get free informational package and learn how to get rid of your timeshare! Free consultations. Over 450 positive reviews. Call 855-977-4979

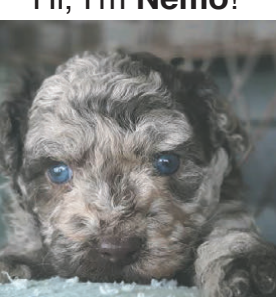
0300 PETS

Will Deliver to Elizabethtown / Leitchfield-FOR SALE Purebred Australian Shepherd Puppies
2 males, 11 weeks (with papers). Gold & White, Tri-Color (BTW). Smart & lively. Full grown about 40/50 lbs, shots, wormed and ready for new homes! \$250 Call / Text (364)488-1045

0300 PETS

VINE GROVE, KY.-
Kittens, 7 weeks old. Free to good home (270)765-8362

Hi, I'm Nemo!



Chocolate Merle Colored Maltipoo Male. Raised by a family with children. UTD on vaccines and wormers. \$750.Located 1 hr. north of Evansville.
Additional pix available. To schedule a visit with me call or text **812-259-1602**
I can't wait to meet you!

0500 MERCHANDISE

ELIZABETHTOWN - *FREE*** Craftsman Power Tools** (270) 307-7118

Elizabethtown-
Items For Sale
Kitchen Island w/ Pull-Out Side Table, Coffee Table, Oak Table w/ 6 Chairs, Antique Porcelain Dolls and Clocks, Set of China Dishes, Woman and Boys' Bikes, Exercise Bike, Barbie Dolls, Doll House, Dora Kitchen, Wicker Baskets, Tiller, Lawn Mower, Wood Folding Chairs, Ice Chests, 2 TVs, Computer Monitor, Printer, PlayStation, Office Chair, 2 File Cabinets, Area Rugs, King Size Bedroom Set, Luggage, Kenmore Deep Freezer, Small Refrigerator, Shower Chair, Walker, 2 Hospital Beds, Hydraulic Lift, Living Room Set, Tea Kettles, Coffee Mugs, Coffee Maker, Stoneware Dishes, Metal Bowls, Heavy Duty Mixer, Rain Coats, Gray Suit, Jackets, Women's Hats & Clothing, Navy Peacoat, Drinking Cups and Glasses, Lunch Boxes. Call Joe 270- 401-1453

0500 MERCHANDISE

LOOKING TO BUY
4-wheelers, dirt bikes, mowers & zero turns, golf carts & tractors, trailers, UTV's and side by sides.
Call or text 270-766-9940

0600 REAL ESTATE FOR RENT

Elizabethtown-Apartment for Rent 1 bedroom furnished, all utilities included, 2 miles from Blue Oval Battery Park, rural, private, peaceful environment, and very convenient. pet restrictions. Call 270-268-2515

Holy Cross-
3 Bed 2 Bath
\$1100 a month
Call 270-692-9693

RADCLIFF-
Efficiency & 1 Bedroom Apartment For Rent. Deposits Required
270-351-5838 270-390-5185

0700 REAL ESTATE FOR SALE

DO YOU WANT TO OWN A HOME IN HOPKINSVILLE?
Brand new 3 Bed/2 Bath home available in the area. Lenders are offering financing terms to most everyone with down payments as low as \$1,500 for qualified buyers. Call 859-992-0589 for further details and estimated monthly payments. Mention this ad for additional savings.

0800 TRANSPORTATION

2015 Handicap Dodge Caravan
Some hail damage & salvage title, otherwise excellent shape. Asking \$10,000. 270-993-3806

The Newspaper:
Make it your business.



Find a new favorite store by looking for local businesses advertising in your newspaper!