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LNLA Quarterly Newsletter
Volume 80
October, November, December
2022



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A WORD FROM OUR President

Greetings LNLA members,

We are all anticipating the first blast of cool air to start the fall season off. It amazes me how green the grass and plants become when the weather is cool and crisp. We work in an industry that keeps us primarily outdoors. Mother Nature chooses how our days are spent. We could be dry one minute and wet the next, whether it be by rain or sweat. We could be freezing cold or hot as _____. But we are connected to our Mother Earth for better or worse and happier nonetheless. Our state has been ravaged by natural disasters for the last several years and we are all holding our breath as this hurricane season passes its peak. May the good Lord shine favorably upon us this year and keep us all safe and prosperous.

LNLA continues to forge ahead with the goals we established in the beginning of the year. We have continued to update those goals and we have moved ahead by adding more to our agenda.

Early in the year, we were notified by our Agricultural Department that our industry has not published an economic impact study since 2003. The research was conducted 23 years ago in 1999. So much has changed in the last 23 years and it is most important for us to begin the process of getting a new study in the works. An economic impact study gives the reference markers for the federal government's assistance during natural disasters. This will give our agricultural department a benchmark to work with. This study will give us direction when dedicating resources to serve our industry. In addition, it highlights the importance of our industry as an economic driver for the State of Louisiana. In collaboration with Commissioner Dr. Mike Strain, Dr. Ansel Rankins, Tina Peltier, Dr. Matt Fannin, Dr. Jeb Fields and our labor/legislative committee, this research will give us direction for proceeding forward.

Dr. Fannin met with our board in July at Hammond Research Station to educate us on procedure, content, and advantages of the study for our industry. We also discussed the cost needed for the study.

A well-deserved thank you goes out to Senator Cameron Henry for addressing our budget concerns. We are happy to announce this venture has come to fruition. Our extremely important economic impact study is slated to begin on November 1, 2022. Your participation is essential in this endeavor. If called upon to participate in the study, please make every effort to do so. The study will be completely confidential. We are so delighted to have played a big part in getting this study off the ground. Thanks to all the hard work by LNLA board members for their support and thorough examination of this study.

We are looking forward to October and we have a packed agenda.

LNLA's next board meeting is in Forest Hill at Michael's Nursery on October 5th. Thanks to Mike Goree for generously hosting us and opening his doors for an afternoon meet and greet. Our meet and greet will serve 2 purposes. First, to continue our membership outreach and secondly to further our legislative relationships. It is essential that we continue to build our relationships between one another and legislatively. These relationships are vital when fighting to protect our interests.

On October 6th we are headed North to Ruston to continue building membership and legislative outreach. In cooperation with our AG support team of Dr. Jeb Fields, Dr. Damon Abdi, Dr. Stacia Conger and Dr. Paul Jackson we have put together an outstanding educational symposium. This symposium will be for landscape horticulturists/contractors, landscape architects including 6 CEU's, ground applicators, arborists, irrigation contractors and garden center retailers. LNLA will sponsor this program to benefit potential members and existing members. Dr. Paul Jackson and LA Tech will host our event and we are very thankful for their generosity. The program will take place at the John D. Hoogland Auditorium in Lorax Hall. Registration starts at 8:00am and the symposium starts promptly at 8:30am. We will have a meet and greet starting at 3:00 pm after the conclusion of the educational forum and ending at 4:30 pm. We look forward to seeing old friends and making new ones. Thanks to Dr. Fields and Dr. Abdi for working countless hours to obtain speakers, create flyers, advertising and the list goes on.

We are also in the planning stages of 3 more events. Gerald Foret Wholesale of New Iberia and Landscape Management of Lake Charles have offered to host our meet and greets in their beautiful facilities. We are awaiting confirmation on the specific dates in early November for New Iberia and early February for Lake Charles. We humbly thank both companies for opening their doors to LNLA and in their assistance in reaching across our state to improve relationships throughout. Our third event is breakfast at the Lieutenant Governor's apartment in early March to kick off the legislative season. Last year's breakfast for legislators was a huge success. At this breakfast we were able to foster relationships with our legislative body and this coming event will be no different. We are so proud of who we are and what we bring to our great state, and we need to make our message clear. We could not do this without the full support of our Lieutenant Governor Billy Nungesser. It is with sincere gratitude that we thank him and his staff. More information to follow.

The end of our year is quickly approaching. We are busier than ever trying to complete our calendar of events and to begin planning for LNLA 2023.

Our future is bright because we are stronger as an organization and our reach has expanded throughout our state. Our impressive board members have gone above and beyond in their duties for our industry. My hats off to them and their consistent loyalty toward LNLA. Our Executive secretary, Carijane Murray, is outstanding and cements the professionalism of LNLA. It has been an honor serving with the past and present leaders in our industry and look forward to working with our future leaders.

May God shine favor upon us all and Many Blessings ahead!



Lisa G Loup
President

Louisiana Nursery and Landscape Association

That's Buddy Lee!

Submitted by Cari Jane Murray

FEATURE
STORY

When I first moved to Louisiana and started out in the nursery industry, I remember someone whispering in my ear “That’s Buddy Lee. He invented Encore Azaleas!” I was new to my career. Trees and bushes were starting to have real names with a genus species AND a cultivar with “What!?! So many names!” But unless you lived under a rock, you knew that Encore Azaleas were a pretty big deal! I remember thinking (about the person that whispered in my ear), “they got it all wrong somehow. There is no way this man bred these plants, and now they are in every garden center across the country. He’s too nice. He’s too accessible. He’s from Folsom!”



Buddy working in the garden

I would see him at events for SELNA and at the Gulf States Horticultural Expo. In passing, he would always say hello. I would smile but never speak. I felt like I was in the presence of royalty when Buddy was around! I still do!

Buddy has given countless talks to industry and consumer groups about Encore Azaleas and other plants over the years. His audience is always captivated and probably feels a lot like I do, thinking: “How cool is this man! So intelligent, kind, humble, and patient.” My goodness, with patience he has, to wait for the most impeccable results, to give the world a vision of the beauty that can only come from working and waiting.

Buddy’s interest in plants began at an early age. He grew up on a dairy farm owned by his parents Robert and Maxine Lee. At age fifteen, he talked his father into letting him work summers and part time at Folsom Nursery owned by Price Magee. This nursery is where he “cut his teeth” in many aspects of the nursery industry. Local nursery owners, Price Magee, Howard Schillings, H.D Loyd, Clarence Mizell, and Buster Mizell were great industry role models that had a major influence on him in his early years in the horticulture industry.

In the early 80’s, Buddy started Savannah Spring Nursery in Folsom, a wholesale operation specializing in container production of evergreen azaleas and other woody ornamentals. Encouraged by the enthusiasm and knowledge of other plants people such as Margie Jenkins, Don Shadow, Dr. John Thornton, Tom Todd, Bill Todd, Dr. John Creech and many others, Buddy vigorously pursued collecting unique and different plant species and cultivars, growing populations of open and control pollinated seedlings and evaluating these seedlings for desirable landscape traits and environmental hardiness.

Buddy is currently Director of Plant Innovations for Plant Development Services. Plant Development Services, based on Loxley, Ala., brings new and innovative plants to the market. Plant breeding



Buddy enjoying the beach

continues to be Buddy's primary focus, but in this position, he is also to evaluate new plants on behalf of new breeders.

Plant Development Services manages brands like Southern Living® Plant Collection, Encore® Azalea, Sunset® Plant Collection, and the new BetterBoxwood™ ® collection of blight-resistant boxwood variety. PDSI deploys a wide range of high-impact marketing strategies, including content creation, PR and media buys to bring these stellar plants to the public eye. PDSI supports retail garden centers by driving demand and providing innovative POP displays and merchandising resources. Buddy also works closely with top growers and breeders spanning the US, Europe, and across the globe.

It's no wonder why Buddy has been asked to speak at countless events, has been the topic of countless articles and has won more awards than I can mention. But at the end of the day, he comes home to Ms. Dixie and looks forward to every minute with his grandkids. He's just like you and me. I am so proud of Buddy and all his accomplishments and even prouder for Louisiana that he is ours.

What will come next for Buddy and Transcend Nursery? I have heard him say, "Developing



Buddy and his family

multicolored blooms and leaves with unique color patterns are just a couple of my goals, and of course, the successful development of an evergreen azalea with vibrant yellow flowers and an exceptional honeysuckle fragrance is at the top of my wish list."

We wish you well, Buddy, in all your endeavors, and we cannot thank you enough for all you have given and done ... for all you are! Thank you!

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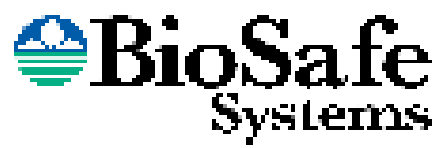
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Mandeville's Landscape Code

Mandeville

Fifty years ago landscape codes did not exist in Louisiana. There were essentially no landscape regulations for preserving or planting new trees, shrubs and groundcovers when new construction took place. In fact, zoning which was confirmed by the Supreme Court nationally in 1926 had barely made its way into Louisiana. Certainly lots of land were subdivided in old New Orleans going way back in time but zoning regulations did not take control in Louisiana until well into the 1940s. Even at that time zoning was about districts where similar land uses were found or excluded.

Not until the 1970s did Louisiana catch up with the modern trend to zone parts of every building site for landscaping. The first landscape regulations in the State were written in St. Tammany Parish in 1972. First came Covington, then Mandeville, Slidell and a little later in St. Tammany Parish. LSU School of Landscape Architecture graduates working in the area got the ball rolling.

Ginger Fortson, Keith Villere and Steve Rusbar were actively involved in getting landscape ordinances adopted into the community. Today in Louisiana we have well over twenty communities which have adopted regulations requiring trees or landscape plantings on new building sites.

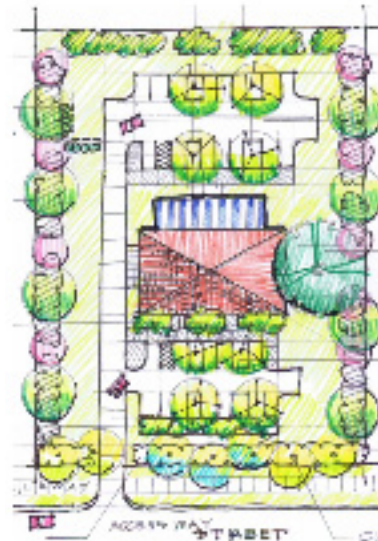
Mandeville has one of the best ordinances in the region and arguably the best managed landscape code between Florida and Texas as well. The well trained and experienced Planning Staff does a wonderful job of keeping Mandeville Green. The purpose of the Mandeville code was to improve community design, preserve environmental quality and protect land values. Aesthetic enhancement of each building site is an important outcome of compliance with the community landscape code.

It has been said that Mandeville is a park that contains private residences and small local businesses. This is a n apt description of this beautiful coastal, northshore community. To preserve the massive live oak, magnolia and loblolly pine character

of the city seems to be a goal everyone who lives there welcomes.

Extent of the Code

The Mandeville landscape code applies to single family homes as well as all other land uses including



multifamily, (Fig. 1. Landscape Code Sketch) commercial and industrial of which there is not much of that in this quaint sea side village.

Like any landscape code across the country it specifies specific areas on a development site that must be landscaped. We call these "design components" since they are all designed following prescribed "technical requirements" that are measurable in regard to material, quantity, size, length or square foot measure. These design components can be seen in Fig. 1 nearby. In any landscape code there are major design components and some that are not so important. The majors include street yard buffer, side yard buffers and rear buffers collectively called the greenbelt in Mandeville.

Specific technical standards apply to these areas in such as preserving all trees 6" DBH. Within each buffer a specified number of Class A and Class B trees must be added and in some cases shrubs for screening. Other major elements include the VUA (vehicular use area), its site interior and a visual screen to block the



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view from public streets or an adjacent residence. Trash collection areas must also be screened.

Minor design components include landscape strips to separate parking from building facades and a stated amount of permeable ground to infiltrate stormwater as well as interior open space areas planted with vegetative ground cover material. Other minor elements include preserved trees, vegetation protection zones (VPZ) and 30% of the VUA must be shaded. Of course ADA handicap access requirements required by Federal Law must be accommodated.

One of the tools built into the community landscape code is the requirement that clearing permits must be acquired prior to any clearing on the building site. In addition now site can be cleared until building plans are prepared and an approved landscape plan is presented.

Keeping The City Green

The community landscape code is an important tool to keep the city visually the same as it has been since it was developed as one of the very first subdivisions of St Tammany Parish by its founder Bernard Xavier de Marigny de Mandeville (1785-1868) in 1834. Like Mandeville in his time, it is important to all citizens that the traditional coastal environment of the community be maintained. Citizens appreciated the greenness of the community, the clean air and blue water of the bay as well as the quant resort like history of the town. The landscape code maintains the charm this community.



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Winter Weeds are Here to Produce and Disperse Seeds



It's the cool season in the green industry. Every year, it's the same reoccurring winter weeds dominating green spaces. I get the most calls concerning the following weeds during the chilly months.

Lawn burweed - Lawn burweed (stickerweed) is a low growing, mat forming winter annual that is a member of the Asteraceae family. The leaves are opposite and divided into narrow segments or lobes. The flowers are small and inconspicuous. The seed forms in the leaf axils. The weed gets its name because the seeds have spines that are painful when stepped on. The spines are a method of transport for the seed. I see lawn burweed most often in weak turf areas.

I get the most calls on lawn burweed in early spring when athletes, golfers, and homeowners get stuck by the spines on the seeds. It is too late to control the weed by then.

Control – Simazine and isoxaben are two very good preemergence options on burweed. Control burweed postemergence in the winter with simazine + a trimec type herbicide or MSM. For football fields including practice fields, make the application after the last home game. Homeowners will like atrazine + Weed Free Zone tank-mixes, an effective combination discovered years ago in our test plots. MSM Turf is very effective postemergence on lawn burweed before the burs are formed in late winter. Control lawn burweed in overseeded areas such as baseball fields with trimec type herbicides applied alone.

Bedstraw/stickywilly/cleavers – You are probably familiar with this spreading annual winter broadleaf weed that really sticks to you like Velcro. As a method of dispersal for seed, bedstraw clings to passersby by appendages on the leaves, stems and seed capsules.



Bedstraw seemed to be more prevalent in landscape beds last year as my calls were higher than normal for this weed. Expect even more for this winter since the plant produces about 3,000 seeds per plant. Bedstraw is one of the first weeds that you will see germinating in fall landscapes so preemergence herbicides will need to be applied in late summer. The weed is highly intolerant of heat and plants mature rapidly as temperatures warm in the spring.

Control – Bedstraw can be managed with preemergence herbicides such as flumioxazin, isoxaben, oxadiazon, oxyfluorfen in landscape beds and nurseries. Emerged populations can be killed back with glufosinate or glyphosate. In turfgrass areas, products containing 2,4-D are highly effective.



Hairy bittercress – Bittercress (*Cardamine hirsuta* and others) are members of the Brassicaceae (mustard) family. Bittercress is one of the most troublesome weeds in container nursery production in Louisiana. In the wild, bittercress behaves as winter annual but germinates year-round in optimal growing conditions found at nurseries. Conditions will be perfect for populations to reach their peak from October to February.

Ultimately, the goal for bittercress is seed production. The plant can produce as many as 5,000 seed and has an effective method of dispersal that forcefully expels mature seeds two to three feet. Seed are extremely viable and can germinate immediately when growing conditions are favorable. Bittercress matures quickly with plants capable of producing a new crop of seeds in as little as 4 weeks after germination.

Control: Good sanitation is essential for management of bittercress in nursery crops. Repeated applications of preemergence herbicides containing pendimethalin, prodiamine, isoxaben, oryzalin, isoxaben and oxadiazon are relied upon to provide good control in nurseries and landscape beds. Hand removal can be effective for emerged plants.

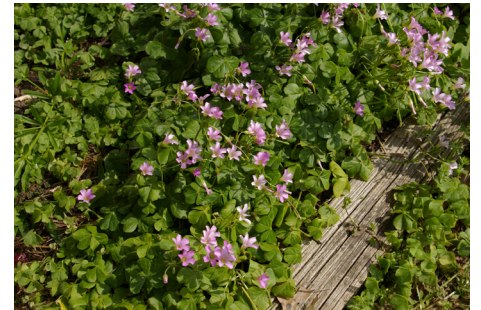


Woodsorrel – Woodsorrel (*Oxalis* spp.) is confused with clover. However, woodsorrel are members of the Oxalidaceae family, a completely different family from legumes. Woodsorrel are perennial weeds that produce numerous creeping above and below ground stems and deep taproots that make hand removal difficult. They have three heart shaped leaf components that vary in color from dark green to reddish purple.

In flower beds and lawns, pink woodsorrel (*Oxalis debilis*) is the most common species. This species produces showy bright pink flowers. There are two species of woodsorrel that are common

in container nurseries in Louisiana, creeping and yellow woodsorrel. Creeping woodsorrel (*Oxalis corniculata*) has a prostrate growth habit and produces numerous above ground stems. Yellow woodsorrel (*Oxalis stricta*) grows more upright and produces below ground stems. Both species produce thousands of seed and have a very effective method of seed dispersal. At maturity “okra” shaped seedpods burst open and expel seed 10 to 12 feet in all directions.

Control: Heavy seed production of course makes woodsorrel difficult to manage. The good news is that there are several preemergence options. Preemergence herbicides containing pendimethalin, prodiamine, isoxaben, oryzalin, isoxaben and oxadiazon provide good control. However, many growers often think their preemergence herbicides fail. The problem could be that the existing plants were allowed to produce stolons and rhizomes before they were hand removed. Once woodsorrel is established, hand pulling often fails to remove the weed.



When practical, I would consider wiping the weeds with a 5 to 10% glyphosate solution. Glyphosate will translocate through the woodsorrel leaves into the stolons and rhizomes and successfully destroy the plant. That's by far the best way to remove pink woodsorrel that's infesting a flowerbed. Metsulfuron is highly effective on all woodsorrel species infesting lawn areas.

Annual bluegrass infesting turfgrass - Poa or annual bluegrass (*Poa annua*) is a huge problem in turfgrass. It starts germinating in Louisiana in September and early October as nighttime temps fall below 70°F consistently. The weed becomes most noticeable from mid to late winter through spring because of the unsightly seed heads that seem to pop up everywhere. Seed heads can form on plants as early as six weeks after germination. However, most seed heads are formed in late winter. In areas where turf is frequently irrigated, Poa can persist deep into May.

Control – Preemergence herbicides such as prodiamine, indaziflam and dithiopyr are examples of effective preemergence herbicides for Poa control in turfgrass when applied in September prior to germination. We rely heavily on pre herbicides for Poa control in southern turfgrass because there are few postemergence options.

Resistance problems with postemergence herbicides – I can't stress enough the importance of using timely applications of preemergence herbicides to prevent Poa because resistance to post herbicides has almost made the weed uncontrollable once its emerged.

Postemergence control for years was limited to simazine, atrazine (triazine herbicides) or possibly sulfosulfuron (ALS inhibitor) in St. Augustinegrass and centipedegrass. Unfortunately, these herbicides have been failing often over the past few years. In bermudagrass including golf greens and zoysiagrass, ALS inhibitors such as trifloxysulfuron and foramsulfuron were highly effective at one time but Poa resistance is most severe with these group 2 herbicides. Pronamide also has been failing to provide acceptable postemergence control of Poa. We are running out of options.

Resistance to preemergence herbicides becoming more common – Apply preemergence herbicides in a timely fashion and your control may be very good, but don't get complacent. We are seeing more and more issues with Poa resistance to once reliable pre herbicides. Exclusive use of the same preemergence herbicides over and over has led to resistant biotypes on many golf courses, lawns and sports fields. These resistant Poa biotypes continue to reproduce and spread seed. Preemergence herbicides are still your best bet for controlling annual bluegrass, but it is important to change modes of action often to prevent a population shift to resistant types.

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THE PLANT DOCTOR

By: Dr. Raj Singh, Associate Professor and Director, Plant Diagnostic Center,
LSU AgCenter, Baton Rouge, (p) 225-578-4562 or (e) rsingh@agcenter.lsu.edu

Bird's Nest Fungi

Bird's nest fungi are fascinating mushrooms that obtain their nutrients from decomposing organic matter. These saprophytic fungi are commonly found in garden beds and mainly grow on mulch, leaf litter, and other decomposing plant debris. Bird's nest fungi are non-pathogenic, thus do not harm plants and animals.

Bird's nest fungi are members of fungal division Basidiomycota (higher fungi) and belong to family Nidulariaceae ('nidulus' - small nest). These fungi received their common name based on the cup-shaped fruiting body appearance that resembles a small bird's nest filled with tiny eggs. The nest is called peridium and the eggs are known as peridioles. The nest attaches itself to a substrate via means of fungal strands (mycelium).

Bird's nest fungi are cosmopolitan and there are five genera including, *Crucibulum*, *Cyathus*, *Mycocalia*, *Nidula*, and *Nidularia*. Of these five genera, *Cyathus* and *Crucibulum* are more common in the southeast United States. Bird's nest fungi thrive well under damp, shady locations. The fungus has a unique way of dispersal. When a water drop from sprinkler irrigation or rain hits the nest (peridium), the eggs (peridioles) splash upwards from the nest and may disperse up to a distance one meter (39 inches) before landing/attaching on a new site/substrate.

Although bird's nest fungi decompose organic matter and are harmless to plants and animals, they can be a nuisance. The peridioles (eggs) are quite adhesive to the substrate and removing these from exterior of house walls or automobiles can be challenging. Management of bird's nest fungus is not required, but heavy infestations can be



Figure 1: Immature fruiting bodies of *Cyathus* sp.

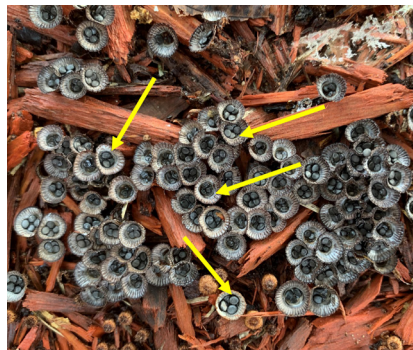


Figure 2: Partially opened fruiting bodies of *Cyathus* sp.

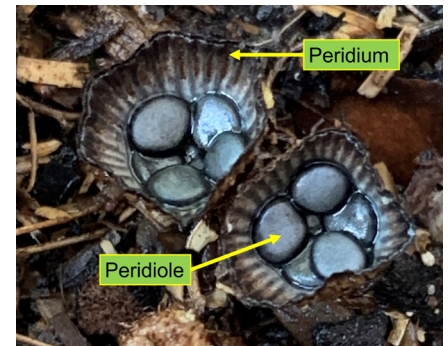


Figure 3: Mature cup shaped (peridium) fruiting bodies with tiny black eggs (peridioles) of *Cyathus* sp.



Figure 4: Figure showing size of mature fruiting bodies of *Cyathus* sp.

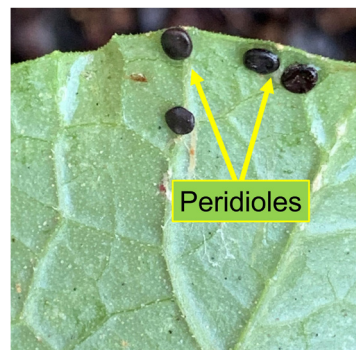


Figure 5: Peridioles (tiny black eggs) of *Cyathus* sp. attached to underside of a leaf after dispersal.

Native Beauty and Bounty

By: Tammany Baumgarten



Tammany Baumgarten is the Owner/Operator of BaumGardens and President of the Louisiana Native Plant Society and Native Plant Initiative of Greater New Orleans.

This time of year, one can visit any nature-related or gardening social media page (try Louisiana Master Naturalists, Louisiana Native Plant Society, Native Plant Initiative of GNO, Plants for Birds in Louisiana, Louisiana Butterflies and Moths) to see the joy and celebration of Louisiana gardeners at the abundant natural activity taking place in their gardens right now. Animals and insects scurry or flurry all about us, packing away nectar and pollen, berries, nuts and seeds — storing energy to hold them over through the winter months ahead or to fuel their taxing migrations. The phenological cycles of native plants and animals build all season long to this absolute crescendo of activity in September and October. The native landscape, as it has been for millenia, is in tune with seasonal, critical wildlife needs and our built landscapes can be too. Some of the most biologically valuable and equally stunning landscape plants put on a non-stop show and beneficial buffet during this time of year.

Starting in August, in rapid succession, we see native plants like American Beautyberry, Roughleaf Dogwood and Arrowwood Viburnum sporting gorgeous, showy fruit clusters. Vernonia species hold up deep, rich purple blooms that, as striking as they are, pale in comparison to the butterflies that flock to it. Blue Mistflower creates soft blue swaths in the partly shaded landscape that speak a woody coolness even while temperatures still soar. Native grasses like Inland Sea Oats, Little Bluestem, Purple Love Grass, and Switchgrasses shimmer in the sunlight with dangling seedheads that create texture and movement. Cardinal flower is all In-Your-Face drama with four to five foot stalks sporting the most vibrant red in the flower world to draw the attention of every hummingbird passing through. Partridge Pea, the last of the Rudbeckias and then Sunflower species fill gardens with deep golden hues and copious pollen for foraging bees. Finally, the many native Asters including frothy white Boltonia with her silvery foliage, well behaved New England Asters and the colonizing Asters like Willow-leaf, Calico and many more have their say in the waning light of autumn. As much as we appreciate plants for their various

ornamental qualities, it is the wildlife interactions that make gardens with native plants in them resound so deeply with their owners, creating that satisfaction and joy that is the bonus feature of a native garden. Native plants and the birds, insects and wildlife that they bring to a space offer a sensory experience beyond the physical beauty, structure, smells and impressions of the plants themselves. They feed a need in us to re-connect, to foster and provide for nature in a world so overrun by humans. The thrills of discovery, the surprises, the circle of life that plays out in these spaces is magical. My phone blows up on a regular basis with some client's childlike excitement at a new experience in their native garden. What is this? Look what I saw today? Wow, I had no idea! This natural drama is a dimension to the landscape that is on full display now as days get shorter, temperatures moderate and the natural world prepares itself for winter.



Sweet Coneflower, Rudbeckia subtomentosa is one of the last perennial Black eyed Susans to bloom



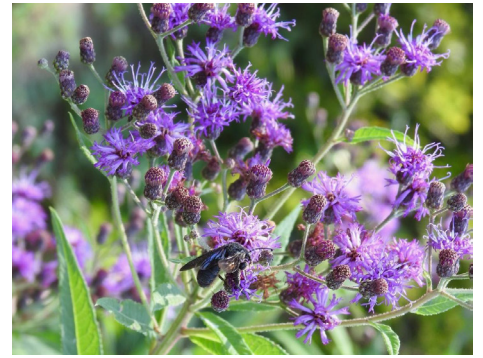
Cardinal flowers sport long-lasting super-vibrant red flower stalks



Woodland Sunflower, Helianthus divaricatus., blooms in part shade and tolerates wet situations well



Cardinal flower creates vertical interest at up to five feet tall and is perfect for moist shade.



Vernonia gigantea brings the purple and the pollinators to the late summer garden



Boltonia and Blue Mistflower blend together in a late season bouquet



Waxy white fruit clusters contrast with red stems on this Roughleaf Dogwood, a small native tree that tolerates shade and wet conditions



Switchgrass shines in late summer sun behind prostrate rosemary



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The 2022 Louisiana Super Plants

Submitted by: Dr. Jeb Fields



At the recent LSU AgCenter Hammond Research Station Field Day, we were pleased to announce the 2023 Louisiana Super Plants. These particular plants were well supported and performed wonderfully throughout the evaluation process. Plus, this year we decided to lignappe in a surprise induction.

Peggy Martin Rose – Spring 2023



Peggy Martin Rose, known as the Katrina Rose, was found surviving in Plaquemines Parish after Hurricane Katrina. With its unique story, this rose will forever be connected to Louisiana’s horticultural history. With countless gorgeous pink flowers, ‘Peggy Martin’ is a prolific bloomer. Like most roses, it grows best in full sun and well drained soils. This is a vigorous climbing rose with cascading branches that bring a unique look to the landscape. The climbing habit makes this a great choice for fences, trellises, and railings, especially since the rose produces a relatively low number of thorns. Pruning is more form-specific than other roses. Cane thinning and shaping should be done to ensure proper growth.

Evolvulus Blue My Mind® is a perfect warm-season border plant or groundcover, or spiller plant for containers and baskets. The amazing bright blue flowers are unbeatable in the landscape, and the plants handle the Louisiana heat with ease.

Blue Daze. A tried-and-true favorite of the landscape industry, Blue Daze is rightfully being added as a Louisiana Super Plant in 2023. This heat-loving, drought-tolerant, blue-flowering staple is an excellent choice as a groundcover or border plant. Plant in a mass for a mat of blue against a silvery-green background. An easy way to tell these apart from the Blue My Mind® cultivar is that the flowers are slightly less lobed.



Cinnamon Girl Distylium – Fall 2023



Evolvulus - Blue My Mind & ‘Blue Daze’– Summer 2023



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Distylium is a great choice for landscapers, businesses, and municipalities that need a clean look without the hassle of constant maintenance. Cinnamon Girl® gets its name from the crimson-colored new growth, which slowly reverts to blue-green. It keeps a nice dense shape with minimal pruning and can handle nearly any growing condition, with equal performance in sun or shade. There can be minimal late winter damage on new growth during hard freezes, but there are no long-term issues. Inconspicuous flowers are an added bonus in the spring for those who look closely.

Suncredible Saturn - A lagniappe addition!

Two years ago, Suncredible® Yellow was inducted into the program. This year we are bringing in the next member of the Suncredible series. Suncredible Saturn

is out of this world! It's just as prolific and vigorous as Yellow, but it comes with an extra splash of color in the form of a red-orange ring around the center. This may be more of a lagniappe selection into the program, but Suncredible Saturn stands on its own!



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**OCTOBER 16-20, 2022
ATHENS, GA**

HAMMOND RESEARCH STATION UPDATE



By: *Jeb S. Fields; Assistant Professor & Extension Specialist (Commercial Ornamental Horticulture), Hammond Research Station (P) 985-5434125 ; jfields@agcenter.lsu.edu*

The summer is coming to an end, and that means we can finally take a bit of time to enjoy many of the station's gardens in full bloom. August unfortunately also means that we have to say goodbye to our wonderful summer interns who helped us so much. But before we shift entirely to fall season preparations, we still have a few late-summer activities to complete. We are in full swing preparing our cool season trials and autumn plantings. We are also wrapping-up all of our warm season research, which we are excited to share with you soon. Moreover, we are looking forward to finally being able to start replanting the Margie Y. Jenkins Azalea Garden as we begin to recover the collection of plants lost in Hurricane Ida.



Our most recent update is from the 2022 LSU AgCenter Hammond Research Station Horticulture Field Day, which took place on July 22nd. Initially, Field Day was headlined by the heavy rains, which began in the early morning hours and continued through the start of the day. While the weather could have been considered a disaster, our supporters still showed up to the tune of approximately 130 attendees. ON the bright side, the rain actually cooled everything off and allowed for a very nice beginning of the day. We started the morning with introductions and a welcome address from myself, LSU AgCenter administration officials, and LNLA President Lisa Loop. Like last year, we held our field day in conjunction with the LNLA membership meeting, which was held in the station's conference room.



This year's field day focused heavily on research, with three graduate students presenting research and multiple summer interns highlighting their projects. We discussed Ashley Edwards' fertilizer longevity trials, Max McKeown's groundcover evaluations, Yan Chen's tea production, and looked at substrate moisture sensors with myself and our research team. Further, I discussed some of the stratified substrate research that Kristopher Criscione and I are conducting as well as alternative substrate materials

research I am conducting with Amanda Mizell and Maureen Thiessen. Attendees were able to participate in ongoing pentas research with Baileigh Snow and even won a nice Super Plants prize. We were then treated to updates on water treatment systems (Dr. Abdi), nursery labor (Drs. Bampasidou and Fields), and of course the new Louisiana Super Plants.

Jason Stagg led a garden tour of the Allen Owings Sun Garden, with stops to talk with Max McKeown, Maureen





Thiessen, and Ashley Edwards along the way. This 45 min tour highlighted our favorite plants in the sun garden, both new and old, and the industry voted on their favorites. This year's industry choice award goes to one of my favorite plants in the garden, Peach Perfection Abelia from Star Roses & Plants. The top five Industry Choice winners are as follows:

Industry Choice Awards – 2022

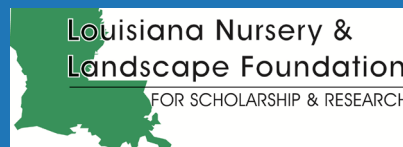
- 1) Peach Perfection Abelia (Star Roses & Plants)
- 2) Hamelia patens Firebush
- 3) Ruby Heart Premium Sun Coleus (PanAmerican Seed)
- 4) Limelight Prime Hydrangea (Proven Winners)
- 5) Fire Chief Thuja (Star Roses & Plants, Southern Living Plant Collection)

Finally, we wrapped up Field Day with an address from Commissioner Strain and an LNLA panel discussion on various hot topics from around the industry. All in all, field day was a wonderful success and we are so thrilled to be able to work with such an amazing industry.

We truly appreciate all the support the nursery and landscape industry provides to us at the Hammond Research Station, because everything we do is to support you. We would also like to thank everyone that came out to our Horticulture Field Day and supported us, even with the poor weather. It means so much that you appreciate our mission. Beyond that, I want to extend our gratitude this summer to our regular Master Gardener volunteers and our amazing field crew who keep this station running. We truly appreciate everything you do!



Named Scholarship or Research Grant Funding are great ways to honor your loved ones.



While the express purpose of the Foundation is to provide funding for scholarships and research, there are also naming opportunities that exist for businesses or individuals that may desire to name a Scholarship/Research in honor of someone or some other entity.

LNLF SR requires a minimum investment of \$10,000.00 to have a named Scholarship/Research.

The investment may be accomplished in four different time frames:

- \$10,000.00 in a lump sum payment
- \$5,000.00 over a two year period
- \$2,500.00 over a four year period

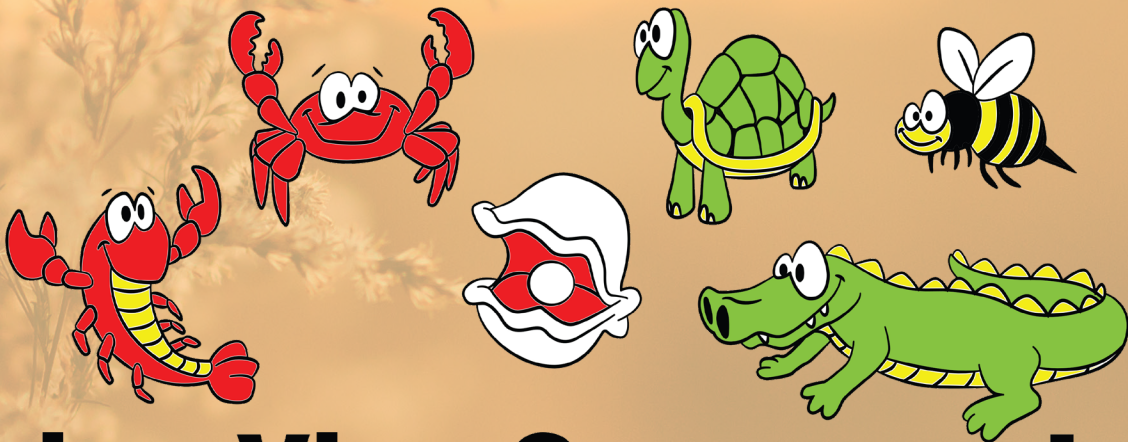
Once the named Scholarship/Research is fully funded, the donor has some discretion working with the Foundation, to decide the dollar amount of the Scholarship/Research and thus the length of the time their naming funds would last.

Options for dispersal of funds towards scholarships or research grants could be:

- \$1,000.00 each over ten years
- \$2,000.00 each over five years
- \$2,500.00 each over four years

Donors would have the opportunity to add to their original investment if they decided to continue their named Scholarship/Research longer. Contact Cari Jane Murray, LNLF SR Executive Secretary for more information.

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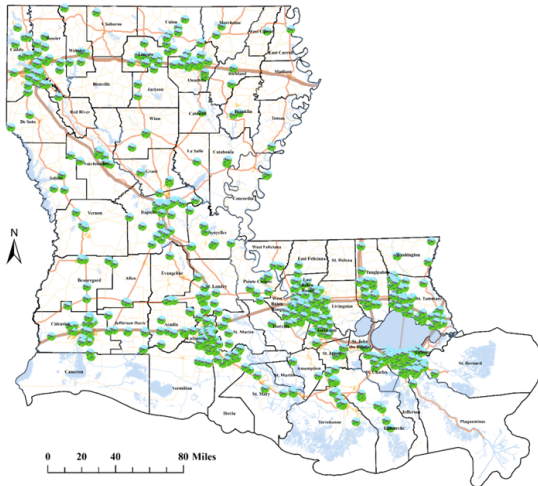
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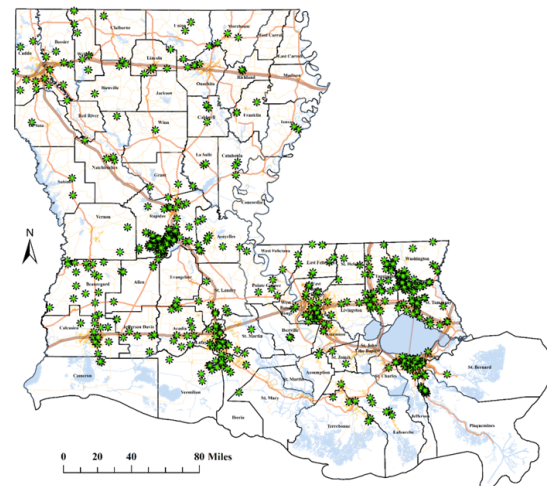
VISUALLY LOCATING NURSERY AND LANDSCAPE INDUSTRY IN LOUISIANA

By: *Jeb S. Fields, Huizhen “Jane” Niu, and Maria Bampasidou*

As of September 1st there are 679 nursery certificate holders in Louisiana. The majority of the licensed nurseries are concentrated in a few production areas (Florida Parishes and Forest Hill area), with a good concentration in the Southwest and Northwest regions of the state. Louisiana has almost 2000 licensed Landscape Horticulturists according to the Louisiana Department of Agriculture and Forestry website. The landscape horticulturists are less concentrated in specific regions than nursery certificate holders, with license holders in 62 parishes. However, there does seem to have a higher density of landscape horticulturists in urban areas and near higher populated regions of the state.



Landscape Horticulturist Licenses



Nursery Certificates

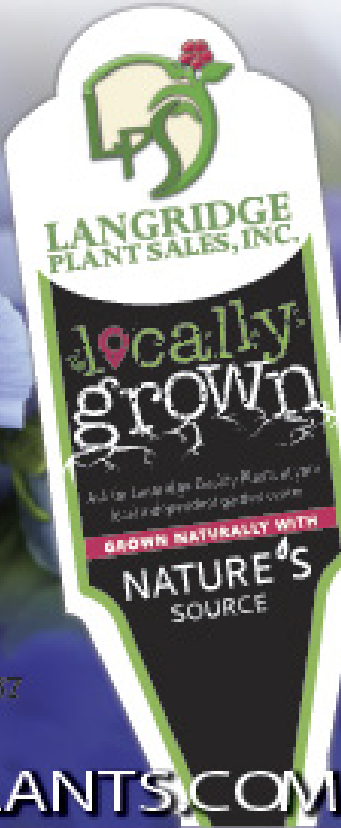
As part of the land grant mission, the LSU AgCenter is committed to supporting education to our industry stakeholders throughout the state. To ensure we are able to better deliver targeted extension activities and best serve our clientele, we are in the process of developing license maps (see below) for the holders of horticultural licenses. The maps provided herein are a current snapshot of just two of the industries (holders of nursery certificate and landscape horticulture licenses). This upcoming tool will allow LSU AgCenter Extension faculty to plan outreach activities to fully support our stakeholders throughout the state through better located classes, workshops, and educational events. This web application will be hosted on the LSU AgCenter website as well as the Hammond Trials website (app.lsuagcenter.com/hammondtrials). While we wanted to wait until the web application is available, we felt it was important to share this information with our stakeholders as soon as we can. These maps below provide a glimpse of what we are developing. Further, we aim to expand the maps into other horticulture licenses such as nursery stock dealer, irrigation contractors, landscape architects, arborists, and florists.

One of the LNLA President's current priority areas is inclusivity for the entire state. This includes supporting educational activities throughout the state. To help support these efforts, we have also developed a map of the LNLA membership (below). This map can be further compared to the maps of the license holders to identify where LNLA programming is needed. One such event is being developed for October 6, in Ruston LA where the faculty from the LSU AgCenter and LA Tech are partnering with the LNLA to host a Commercial Landscape Workshop. Here we will discuss current issues in pest management, landscape maintenance, and irrigation as well as new research to support the landscape professionals. Look for more opportunities like this to be offered throughout the state as we continue to expand our educational priorities.



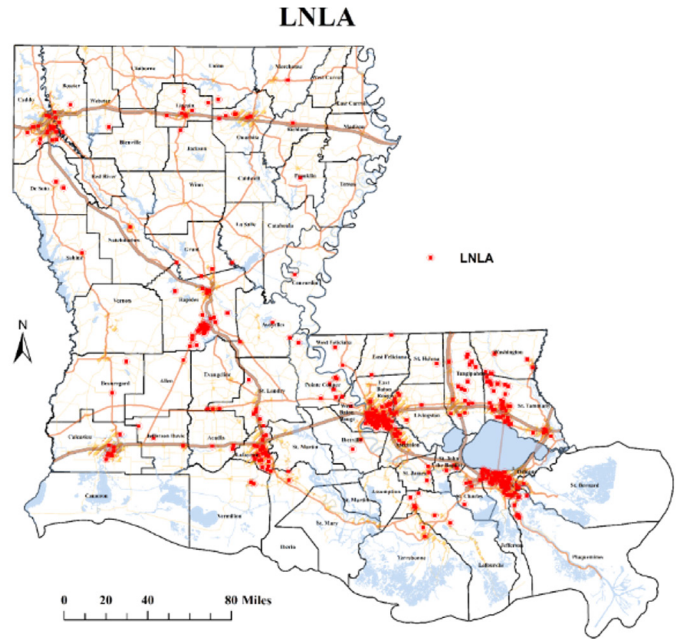
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Baton Rouge Landscape Association

The Baton Rouge Landscape Association held our quarterly meeting on Tuesday September 20th at the LSU AgCenter Botanic Gardens at Burden, 4560 Essen Lane, Baton Rouge. The pavilion provided a wonderful spot for our evening. We had an excellent dinner then heard an LNLA update from Matt Fennell, news on 2023 LSU AgCenter Louisiana Super Plants from Heather Kirk-Ballard and a report from Damon Abdi on Hammond Research Station news and notes. Our evening highlight speaker was Johnny Naylor (formerly Naylor's True Value Hardware and Garden Center, now Clegg's Nursery) – Johnny discussed changes in Baton Rouge horticulture over the past 30-40 years. BRLA will have a early December meeting at a BR restaurant to celebrate the Christmas season. The BRLA board members this year is Heather Kirk-Ballard, Matt Fennell, Jason Stagg, Elena Fennell. BRLA co-chairs are Allen Owings (225.603.8096) and Ed Bush (225.247.3184).



“The purpose of BRLA is to assist in the enhancement of the green industry, through best horticultural practices and business management techniques.”

STRAHAN NAMED LSU AGCENTER NORTHWEST REGION DIRECTOR

By: V. Todd Miller ; Photo By: Anna Ribbeck



(07/27/22) BATON ROUGE, La. — The LSU AgCenter has named Ron Strahan as the Northwest Region director.

Strahan replaces Tara Smith, who was serving on an interim basis. Smith is optimistic about the future of the Northwest Region under

Strahan’s leadership.

“Dr. Strahan is not only exceptional in his field, but he also is service oriented and has for his entire career been engaged with our agents and clientele in the Northwest Region and beyond,” she said.

Strahan, who is an associate professor in the AgCenter School of Plant, Environmental and Soil Sciences, will oversee AgCenter personnel and programs in 12 parishes and three research stations. Smith believes that his knowledge and experience give him a leg up in his new

position.

“He understands the role, scope and mission of the LSU AgCenter and will work hard to support our faculty and staff as they continue to address the needs of our stakeholders in the Northwest Region,” she said. Strahan received a bachelor’s degree in agriculture business from Northeast Louisiana University, now the University of Louisiana at Monroe, in 1992. He also received a master’s degree in weed science and a doctorate in horticulture and turfgrass science from LSU.

“I am confident that he will leverage his knowledge and experience to further the mission of the AgCenter and support our research and extension efforts,” Luke Laborde, interim LSU vice president for agriculture and dean of the College of Agriculture, said of Strahan. For his part, Strahan is eager to hit the ground running in his new role.

“I look forward to the opportunity to work with scientists and extension agents to improve the lives of our stakeholders in the Northwest Region,” he said.

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| Half pg Color | 3-1/2” X 9-1/2” V 7-1/2” X 4-1/2” H | \$180 | \$720 | \$480 |
| Quarter pg Color | 3-1/2” X 4-1/2” | \$120 | \$480 | \$300 |
| Business card Color | 3-1/2” X 2” | \$110 | \$420 | \$270 |

Ad Specifications: Ads should be saved in a jpeg or tiff format, with fonts converted to curves.

Deadline: Ads are due the first of the month each quarter (March, June, September, December).

For Questions and Ad Submissions Contact: Cari Jane Murray, LNLA Executive Secretary, (E) carijanelnla@gmail.com (P) 985-237-2939.

REMOVING CHINESE TALLOW TREE FROM THE LANDSCAPE



by Damon E. Abdi, PhD

Chinese tallow tree (*Triadica sebifera*), also commonly known as “popcorn tree” or “chicken tree” is one of the most commonly found invasive plants in the Louisiana landscape. This plant, native to eastern Asia, was introduced to the U.S. in the 1700s for its ornamental features and for seed oil and soap production. Chinese tallow is an upright tree of small/medium size with a rapid growth rate. Although it can reach heights over 50’, it is typically found at heights of approximately 20’. The deciduous leaves are alternately arranged, have a broadly ovate diamond shape extending into a tapered tip, and turn from a yellowish green color to a showy red, purple, and/or golden color in the fall. During spring and early summer, the yellow flowers on a dangling spike give way to clusters of fruit in the summer/fall. These three-lobed fruit capsules mature from green to black before they split in the fall and reveal white, wax-covered seeds resembling popcorn (hence the name). After about three years when Chinese tallow trees become reproductive, they capably produce up to 100,000 seeds in a given season.

These seeds are a food source for birds, contributing to the ease with which Chinese tallow can be spread to different sites. Chinese tallow is a prolific grower and tolerates conditions that many plants cannot, such as flooding, drought, or poor soils. The rapid growth rate, reproductive capacity of this species, and ability to establish almost anywhere can readily crowd out native and/or desired plant materials in the landscape. For these reasons, removing Chinese tallow trees from the landscape as early as possible is recommended.

Unfortunately, removing invasive trees is by no means a simple task. Cutting down a mature Chinese tallow tree with a chainsaw will temporarily resolve the issue - that is until the stump or remaining root fragments re-sprout with a new flush of growth. One can even mow or brush-hog small saplings as part of a management plan, but at best this might delay the issue for a short period of time. Suckers will still emerge sooner rather than later. If a sapling is still small enough that the entire taproot can be physically removed, then there is a possibility that no further management will be required; however, in most

cases, chemical control will likely be required for effective Chinese tallow tree management.

There are several herbicides and application techniques that can be used to combat the Chinese tallow tree. The cut stump method is commonly used for larger trees (>6” diameter) where immediately after the tree is cut an herbicide is applied to the stump. Herbicides with the active ingredient triclopyr or glyphosate are commonly used in this application. Using a backpack sprayer, paintbrush, or squirt bottle, the herbicide is applied to the cambium of the stump (the layer just inside the bark) where the actively growing living tissue is located.

For slightly smaller trees (4-6” diameter), the basal application method is often used. This method involves applying an herbicide (and oftentimes a bark penetrating agent) around the base of a tree trunk, covering the bottom 1.5-2’ on all sides. It is critical to fully cover around all the sides of the trunk or else the untreated sides may produce new growth. The herbicide triclopyr is commonly used for this method.

The “hack-and-squirt” method is quite effective in controlling Chinese tallow trees of medium size; however, it is quite laborious. This method involves using a machete, axe, small saw, or hatchet to cut into the bark/cambium layer and then applying an herbicide directly to the wound. Cuts are made at a downward angle, creating a pocket to hold the applied herbicide. Imazapyr or triclopyr are herbicides that are commonly used for this method.

Foliar herbicide applications are another option; however, there are a number of variables to account for when using this method. Chinese tallow trees that are tall, located in densely vegetated areas, located near desirable plants, or without a full leaf canopy may not be ideal for foliar herbicide control given possible constraints on spray equipment (i.e. spray boom height, pump pressure, and tank capacity). Using a foliar spray also bears the risk for herbicide drift to unintended areas versus the more targeted treatments previously mentioned. This could damage desirable plant materials and pose a threat to nearby ponds, streams, and aquatic environments. Herbicides that are commonly used for foliar spray control include glyphosate, imazapyr, 2,4-D, and picloram.



landscape. Based on the size of the invasive tree and the characteristics of the site, a range of control options are available to help you accomplish this job.

Follow up treatments may be necessary when using foliar control methods. Using foliar treatments for relatively small Chinese tallow trees may be preferable given the ease with which complete spraying of foliage can be accomplished and the less labor required versus other control methods.

Getting rid of Chinese tallow tree is not terribly difficult, keeping it from returning is the true challenge. With a combination of physical and chemical management practices, this invasive plant can be removed from the



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LOUISIANA IRRIGATOR UPDATE

By: Stacia L. Davis Conger, Ph.D., LSU AgCenter State Irrigation Specialist

The record-setting high temperatures and continuation of drought conditions throughout the summer months have led to a very busy irrigation season in Louisiana. Despite the reprieve from rainfall in recent weeks, most parts of the state will need to continue rebuilding moisture within the soil profile before deficits from the drought can be mitigated. Some parts of the state have experienced the opposite extreme of too much rainfall, which causes a different set of issues in landscapes. It's important to remember that more rainfall does not directly correlate to more soil moisture in a short amount of time; high rainfall totals typically lead to flash flooding and less infiltration. The overall goal of every irrigator is to sustain plant material and promote growth by maintaining soil moisture within the root zone. This is a much more difficult process to manage efficiently in humid regions like Louisiana where rainfall can be prevalent and should be prioritized over irrigation. Irrigation educational opportunities tend to simplify this rainfall-irrigation relationship into a recommendation for replacing soil moisture lost from the root zone through evapotranspiration (Fig. 1). However, the relationship is much more complex and becomes extremely important during drought periods.

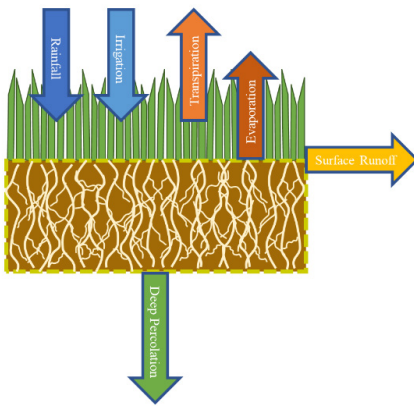
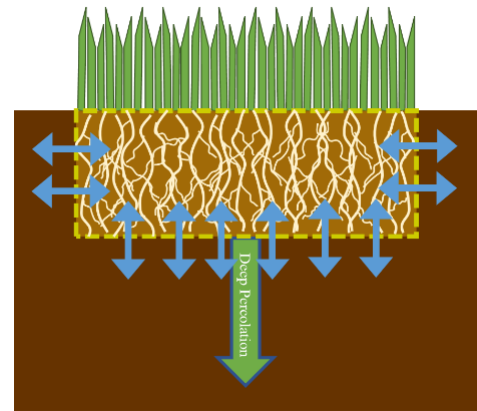


Figure 1. The purpose of irrigation is to maintain adequate moisture within the soil profile by replacing evaporation and transpiration, which are the only losses of water from the system if deep percolation and surface runoff are minimized. Over-irrigation occurs when more irrigation is applied than can be accessed by the roots of the plant.

The movement of water through the soil is directly related to energy fluxes and pressure differentials. These are the same forces that drive surface water movement (i.e., water flows downhill). Soil water falls within limits of field capacity and permanent wilting point, which are determined by soil texture and structure. A pressure differential occurs when the plant pulls water from the root zone for transpiration, creating

a drier area than the soil below or next to the plant material (Fig. 2). At night when the plant is resting, water will redistribute through capillary action until reaching equilibrium (i.e. pressures are equal and no longer different). The deeper water storage tends to be replenished by Louisiana's normal winter rains; it's a slow process as it can only be accomplished through infiltration from the soil surface over time. Deep percolation occurs as the opposite process where soil moisture exceeds field capacity and



water redistributes into drier areas of the soil using the same pressure differential principles.

Figure 2. A pressure differential is created between the root zone and the surrounding soil when plants transpire during the growing season. This pressure differential causes water to move into the root zone through capillary action until equilibrium is reached.

Unfortunately, the last twelve months do not constitute a normal year. As a result, we did not have as much water storage available for redistribution. This leads to a more substantial reliance on irrigation with initiation occurring earlier and terminating later due to the drought. Until we have significant replenishment of water storage below the root zone, irrigation strategies necessary to meet this additional need will continue despite recent rainfall. Interested in learning more about irrigation or need the continuing education credit for the state license? The Louisiana Irrigation Association (LIA) is holding their next recertification class on October 27th at the Hammond Research Station. This class will include hands-on activities and guest lecturers. You can register for this class at the LIA website: geauxLIA.org.

REFLECTIONS ON MY SUMMER INTERNSHIP AT THE HAMMOND RESEARCH STATION



By: *Baileigh Snow*

Over the course of the summer, I had the opportunity to learn a multitude of new skills, plants, weather patterns and landscaping techniques. I completed my initial training the first week of my internship

learning new skills with Jason Stagg, an instructor with the LSU AgCenter. Each week started with a message from Jason and a general task list. Initially, my focus was in the Sun and Shade gardens. Planting, weeding, fertilizing, pruning, putting out pine straw, and applying herbicides were just some of my tasks. Being the Louisiana Nursery and Landscape Association intern, much of my work would take place in the Hammond Trial Gardens, and I was taught how to operate landscape-related machinery including a skid steer and front-end loader tractor. I was also given a research project involving consumer perception between the pollinator-related name and how the consumer viewed the pollinator

activity. Max McKeown (a previous LNLA intern and current graduate student) and I would collect data on our Pentas evaluation, consisting of flower cluster count, growth, heat tolerance, and pest tolerance. While collecting this data on the Pentas I was also to help prep them for consumer evaluation that was to occur on Field Day. The consumers would evaluate overall appearance and pollinator activity. After field day, our focus shifted to fall, where I primarily worked in the greenhouse, potting plug and seed trays and preparing for fall planting. Overall, I have thoroughly enjoyed my time at the Hammond Research Station. I want to thank Dr. Fields, the LNLA, and all of its membership for providing me with this once in a lifetime opportunity. I would highly encourage any student interested in horticulture, landscaping, or production to apply in the future. The skills that I have learned can be applied in whatever future path I choose, and the friends I have made will never be forgotten.

Baileigh Snow is a Junior at LA Tech in Ruston, LA studying Agriculture Business with a concentration in Plant Sciences. Baileigh was selected as the 2022 Louisiana Nursery and Landscape Association Summer Horticulture Intern at the Hammond Research Station.





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New Web-Based Tool Helps Growers Mitigate Risk And Improve Plant Health

Understanding these critical control points helps growers implement measures to reduce or eliminate risks, paving the way for healthier plants and healthier businesses.

Article from nurserymag.com posted 9-8-22 by Katie McDaniel

The Horticultural Research Institute, in partnership with the National Plant Board and the USDA, is pleased to announce the launch of an important new web-based tool for nursery and greenhouse growers seeking to improve plant production processes by identifying hazards (operational areas where plants could be contaminated or introduced to plant pests). Understanding these critical control points help growers implement measures to reduce or eliminate risks, paving the way for healthier plants and healthier businesses.

Healthy plants are integral to human health and well-being, and to the environment that sustains us. To ensure that plants moving in the horticultural trade are free of regulated invasive pests that threaten agriculture and the environment, greenhouses and nurseries are regulated by state and federal authorities. A multi-year effort to modernize plant certification has resulted in a new program known as SANC.

The Systems Approach to Nursery Certification (SANC) program is a voluntary, grower-driven, officially state-verified plant health certification partnership that applies quality management principles to the entire plant production process. SANC was developed as a holistic approach to growing and certifying plants that satisfies



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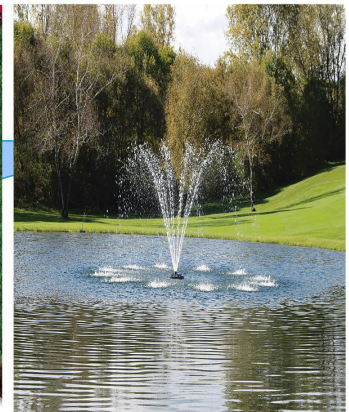
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BE ON THE LOOKOUT FOR ASIAN LONGHORNED BEETLE

By: Joe J Bravata II ; Joseph.J.Bravata@usda.gov ; Louisiana State Plant Health Director ; USDA/APHIS/PPQ

**SPOT IT?
REPORT IT.**



THE ASIAN LONGHORNED BEETLE KILLS TREES.



The U.S. Department of Agriculture declares every August as “Tree Check Month” for Asian Longhorned Beetle (ALB), since this is the time of year when you are most likely to see an adult beetle. Many infestations, such as New York and Massachusetts were reported during the month of August. Even though we’re now past Labor Day and looking forward to cool fall mornings, it’s not too late to look for the beetle and the tree damage it causes.

“Checking trees for the pest and the damage it causes is how you can help us eliminate the beetle from the United States, and protect more trees,” said Josie Ryan, APHIS’ National Operations Manager for the ALB Eradication Program. “The sooner we know where the insect is, the sooner we can stop its spread.”

Every year, my office receives many calls from homeowners saying they have found ALB but what they have actually found is our native cottonwood borer. I don’t mind receiving these reports because it tells me that our homeowners are out in their landscapes looking for invasive pests. Which is what we, USDA, want. We want and need the help from homeowners, landscape contractors, arborist, nurseries, and others in the green industry to be on the lookout for anything unusual.

The ALB is an invasive wood-boring beetle that attacks 12 types of hardwood trees in North America, such as maples, elms, buckeyes, birches, and willows. Infested trees do not recover and eventually die. Infested trees also become safety hazards since branches can drop and trees can fall over, especially during storms. In its larval stage, the insect feeds inside tree trunks and branches, creating

tunnels as it feeds, then adults chew their way out in the warmer months, leaving about 3/4-inch round exit holes. The adult beetle has distinctive markings that are easy to recognize:

- A shiny black body with white spots that is about 1” to 1-1/2” long.
- Black and white antennae that are longer than the insect’s body.
- Six legs and feet that can appear bluish in color.
- Signs that a tree might be infested include:
 - Round exit holes in tree trunks and branches about the size of a dime or smaller.
 - Egg sites that are shallow, oval or round wounds in the bark where sap might weep.
 - Sawdust-like material called frass found on the ground around the tree or on the branches.
 - Branches or limbs falling from an otherwise healthy-looking tree.

You can help us find new infestations by calling my office in Baton Rouge at 225-298-5425, our ALB Hotline number: 1-866-702-9938 or by submitting an online report at www.AsianLonghornedBeetle.com. If you use the online reporting tool, please try and take a picture of the beetle or a picture of the damage to the tree. If you capture a live beetle, place it in a sturdy plastic container and put it in your freezer. Don’t use a plastic bag since the beetle will chew thru the bag.

USDA has eradicated ALB from Illinois, Boston in Massachusetts, New Jersey and portions of New York and Ohio.

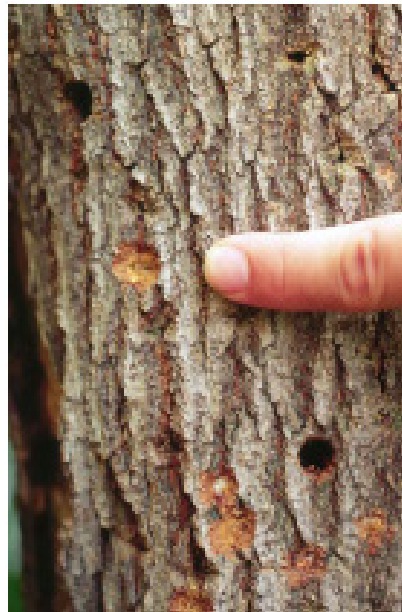


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Photo by Michael Bohne, USDA Forest Service)

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Save the Dates and stay tuned for Details and Registration information in November at LNPS.org.

SELNA UPDATE

The 2021 Folsom Fall Garden Festival is scheduled for Saturday, October 30, 2021. SELNA, along with Midway Church, have once again joined forces to plan and organize the 9th anniversary for the local garden festival event. Midway Church will be selling plate lunches and refreshments during the event while vendors sell plants and other landscape related material. The Folsom Fall Garden Festival is a great community event that facilitates conversation between nursery crop producers and retail customers.

Visit SELNA.org for association updates, membership information, and horticulture related news. You can also download a copy of the SELNA Plant Locator while you're there. To request a Nursery Locator Map, Folsom Fall Festival Application, or more information contact SELNA at 985.875.2635 or wafton@agcenter.lsu.edu.

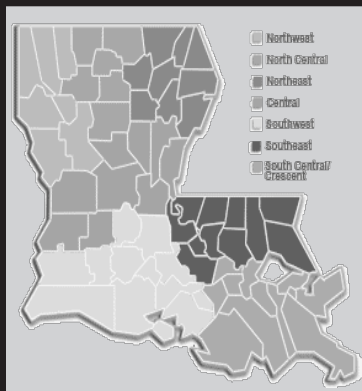
THE NEW ORLEANS HORTICULTURAL SOCIETY

The New Orleans Horticultural Society is back to having regularly scheduled monthly meetings and have already lined up some great field trips and speakers for our members. Despite the relentless rain and heat, our members have been showing up to see and hear from some great speakers. Recently we had a great speaker talking to the group about succulents and even held a propagating demonstration. In August, we had Dr. Aaron Ashbrook, associate professor from the LSU AgCenter, give a talk about a new invasive ant species taking over. Coming up we'll have Dan Gill, Associate Professor of Consumer Horticulture, talk about landscape design and plantings for small spaces. All great speakers, and always looking to add more to the lineup!

The NOHS is a non-profit organization that began in 1885, the second oldest of its kind in the United States. It's a place where like-minded professionals in the green industry can meet and talk

about the trade and attend lectures and activities that promote all aspects of the landscape profession. The group is comprised of licensed horticulturists, florists, nurserymen, garden center operators, pesticide applicators, landscape contractors and architects, arborists, and those in allied trades. Our meetings are typically held on the third Thursday of every month, unless an event or holiday changes the day. We meet at the City Park Garden Study Building which is set among the beautiful New Orleans Botanical Gardens.

We are always ready to welcome new members as the green industry continues to grow in our area. Meetings typically last two hours and refreshments are provided before the guest speaker takes over. For up-to-date information, please contact us at NOHS1885@gmail.com to request to be added to our email mailing list and newsletter.



Support Louisiana's green industry by joining your regional association. Contact the following:

BRLA: Elena Fennell, Secretary, (e) ecfennell@cox.net, (p) 225-921-4095

CLNA: Myra Poole Maloney, President, 75 Nick Strange Road, LeCompte, LA 71346, (p) 318-321-6046,

(e) myramaloney41@gmail.com

LIA: Chuck Davis, Executive Secretary/Treasurer, (e) geauxlia@gmail.com

NOHS: Shaun Hebert (e) nohs1885@gmail.com

SELNA: William Afton, LSU AgCenter County Agent, St. Tammany Parish, Secretary, SE LA Nursery Association, 1301 N. Florida St., Covington, LA 70433 (p) 985.875.2635, (f) 985.875.2639, www.selna.org

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LNLA BOARD OF DIRECTORS MEETING - MINUTES

The LNLA Board of Directors met Friday, July 22, 2022 at LSU AgCenter Hammond Research Station during the stations Field Day. LNLA President, Lisa Loup greeted everyone and opened the meeting at 8:45. All stood for the pledge of allegiance and had a time of silence and remembrance followed by a prayer. Those in attendance were Lisa Loup, Michael Roe, Brandon Adams, Jeff Reid, Reuben Mitchell, Samantha Young, Matt Fennell, Matt Knick, Cari Jane Murray, Dr. Ansel Rankins, Tina Peltier, Joe Bravata, Dr. Stacia Conger and Rick Webb. Absent were Brian Bridges, Candria Ray, Chad Everage, and Craig Roussel. Lisa introduced and recognized Rep. Dr. Wheat District 73 and he stood and thanked us for having him. Everyone in the room gave introductions.

Lisa asked everyone to review the minutes from the last meeting on April 27th. Rick Web motioned to accept the minutes, Tony Carter second and all were in favor.

FINANCIALS - Michael Roe reported for Brian Bridges. LNLA checking \$90K, Money Market \$25K, Savings \$88K ... Total assets \$205,824. A few highlights in the financial report; incomes ... dues are up 9.4% over the previous year, ads up 27.8%, GSHE up 100% due to not having it last year, and CNLP up 32%. Expense highlights; newsletter up 36%, GSHE \$15K, and website/memberclicks up due to more prospects and members. Matt Fennell motioned to accept the financial report, Tony Carter second and all were in favor.

Matt Fennell reported two requests for the Funding Committee since last meeting. Memorial donation to the foundation in memory of David Mizell and the second was funding of the lighthouse program with HRI ... Matt makes a motion to continue to fund the light house program at \$10 per member, Tony second ... All in favor.

Joe Bravata gave an update for USDA plant health. They do a lot of quarantine work and invasive species and have cooperative agreements with LDAF . All grain certificates goes through his office for all pests. All landscapers should be partners with USDA and LDAF to look out for pest problems and disease. Joe will share more information with us on citrus psyllids. In FL they are fighting Giant African Snail. USDA does not inspect cut flowers coming into the country, that is done by Homeland Security now. We are always working to help each other. Regulators are there to help never to put anyone out of business.

Tina Peltier with LDAF reminded us all the purpose of Horticulture Commission and Quarantine program. 383 exams given this year for Landscape Horticulture License. 176 applicants have already received new licenses. Louisiana has 932 cut flower dealers. LDAF has sent out 73K blue tags ... what nurseries use to ship plants out of state. Last year 80K ... increasing every year. Emerald Ash Borer is continuing to spread in northern parishes. Ricky Becnel let us know about a new National Citrus Association that is being formed and as a national group.

Lisa Loup gave the H2B/Labor/Legislative update for Jeff Reid. The release of additional visas has been slowed for many workers and showing up 3 months late. They will not be able to stay 3 months late. Efforts are ongoing to get the cap relief into the fiscal year 2023. Lisa explained to the group about the legislative issues we had over the last few months. We are here to make sure our professional license keep their status. LNLA has a giant voice and we fought hard. The more relationships we make the better for all of us. Matt Knick let us know about his conversation with Rep. Nelson on his position on licensing in Louisiana.

Dr. Matt Fannin, Ag Economist with LSU AgCenter addressed the room and everyone joined in the question and discussion about an economic impact study on our Green Industry in Louisiana. Essentially these studies measure the economic contribution an industry has.

Membership Committee - Michael Roe gave a break down of LNLA membership. 550 to date this year. We will have an education membership meeting in North Louisiana and Dr. Stacia reported on it. Thursday, October 6th at LA Tech in Ruston.

Tony Carter gave a marketing committee update for Candria. Our raffle at GSHE will be the following: first prize gun, second crawfish boiler and third diamond necklace.

Cari Jane gave an update on the foundation gala, grants and scholarships. Lisa reminded everyone about the next few meetings of LNLA. Jeff Reid motioned to adjourn the meeting and all were in favor.



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MEMBERSHIP CATEGORIES (select one) and Business Types (select all that apply – up to 5)

REGULAR MEMBER (Voting) - \$ Based on gross sales per year (below)
 A licensed or permitted business or person (in Louisiana only) engaged in one or more of the business types listed in box at right -- *Please select no more than 5.*

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| <input type="checkbox"/> \$150.00 | \$250,000 or more | |

ASSOCIATE MEMBER (Non-Voting) - \$150.00 – includes out-of-state businesses
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Out-of-State – State: _____ -- *Please select no more than 5.*

AFFILIATE MEMBER (Non-Voting) – \$25.00
 An employee of any horticulture business with a paid regular membership -- *Please select no more than 5.*

GOVERNMENT/EDUCATION MEMBER (Non-Voting) – \$25.00
 An employee of a government or non-profit entity, having a job responsibility in horticulture or closely related field
 College or University Education/Extension/Research (U)
 Educational/Regulatory Government Agency (GV)
 Public Gardens or Parks (PG)

RETIREE MEMBER (Non-Voting) (R) – \$25.00 - Any person formerly actively employed in horticulture or closely related field and having been a paid member of LNLA before retirement from that employment.

STUDENT MEMBER (Non-Voting) (S) – FREE - Full time student enrolled in a Louisiana university/college in horticulture or a closely related field.
 University/College name & location (city): _____

The ***Business Type** designation is used in LNLA's membership directory and website. Check each that applies - up to 5.

- Arborist/Urban Forester (A)
- Interior Plant Maintenance (IM)
- Irrigation Contractor (IR)
- Landscape Horticulture (LH)
- Landscape Design/Architect (LA)
- Landscape/Lawn Maintenance (LM)
- Plant Broker (BR)
- Retail Nursery / Garden Center (GC)
- Small Greenhouse/Field Grower (SG) -grow/sell direct to consumers
- Sod/Turf Producer (T)
- Wholesale Allied Supplies (AS)
- Wholesale Greenhouse Grower (WG) -bedding/ tropical plants
- Wholesale Field Grower (WF) -balled/container woody plants, perennials

PLEASE INDICATE YOUR PREFERENCE TO RECEIVE NEWSLETTERS: Email only Mail only Both email and mail
 \$25, honorary and student memberships will receive the newsletter by email only due to cost increases.

= OPTIONAL: Members wishing to support the Louisiana Nursery & Landscape Foundation for Scholarship & Research (LNLFSR) fund for scholarships to deserving university/college horticulture/landscape students and grants for horticulture/landscape research/education should indicate amount and add the \$\$ to their dues check. This donation is tax deductible. Donation Amount \$ _____

Make check payable to: *Louisiana Nursery & Landscape Association*
Mail check and entire form to: *LNLA, PO Box 1447, Mandeville, LA 70470*

SEND DUES & APPLICATION BY MARCH 1 TO BE IN ANNUAL MEMBER DIRECTORY TOTAL Amount: \$ _____

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The Hammond Research Station is the LSU AgCenter's official destination for Ornamental Horticulture research and extension in support of the Nursery and Landscape Industry. Our mission is to strengthen the green industry through improving nursery production, promoting sustainable landscape practices, and evaluating emerging specialty crops.



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- We aim to advocate, promote and protect our "Green Industry".
- Collectively our "Green Industry" businesses represents **Billions** to Louisiana's economy annually and employ **tens of thousands**. We are a small business industry with big business impact on Louisiana's economy.
- Promote and support **education** and our industry's future with our Louisiana Nursery & Landscape Foundation for Scholarship & Research.
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