#### Stefan Bloodworth and Annabel Re

### A Rare Interpretation

Garden Design Meets A Vanishing





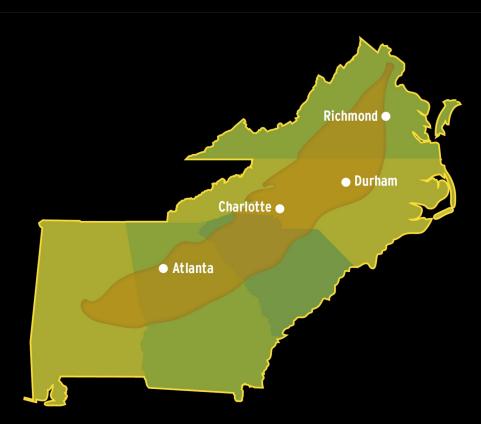




# welcome to DUKE GARDENS DUKE



MAIN ENTRANCE







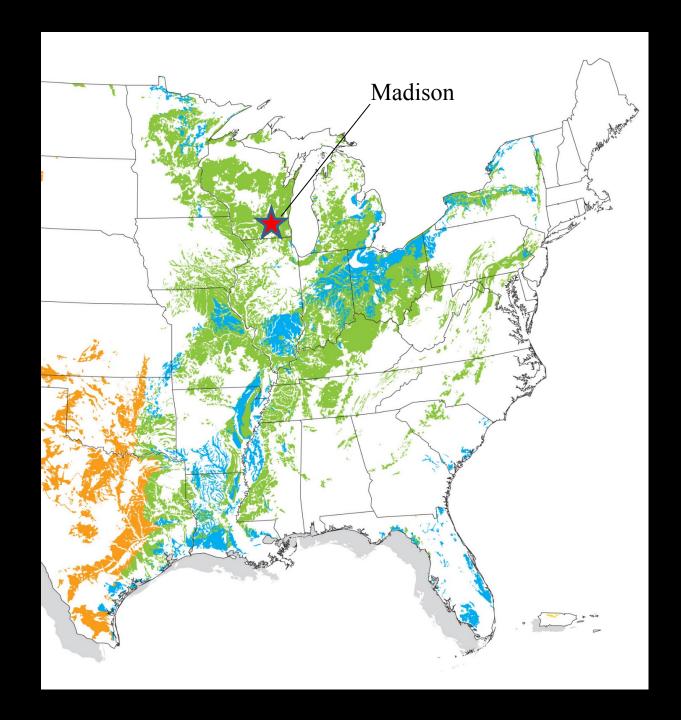
## Serengeti

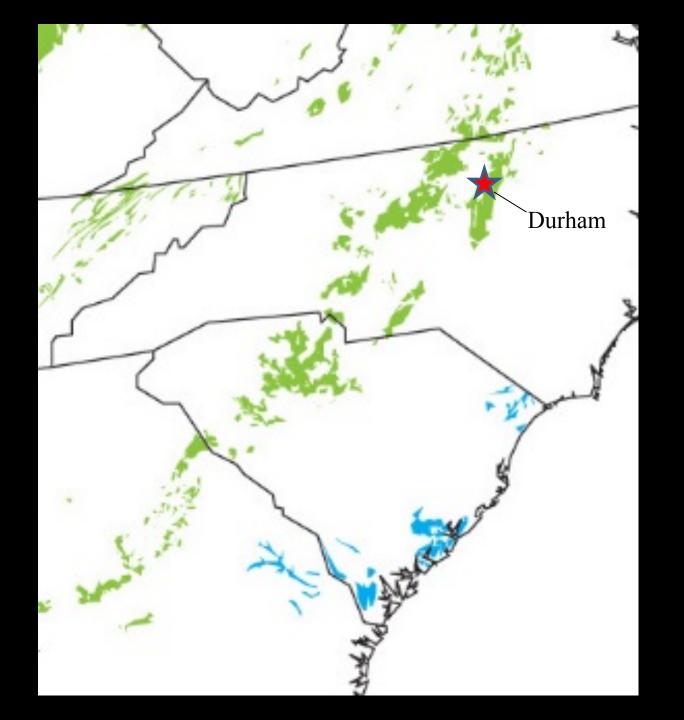


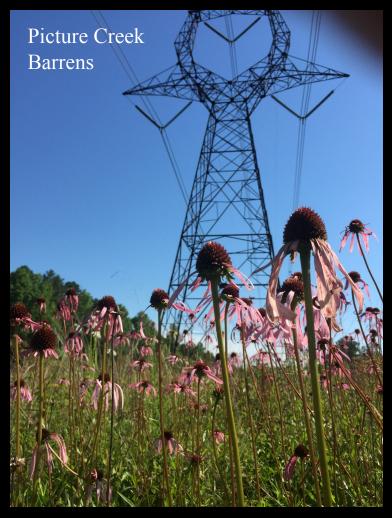
### Curtis Prairie UW Madison Arboretum



### Alfisols



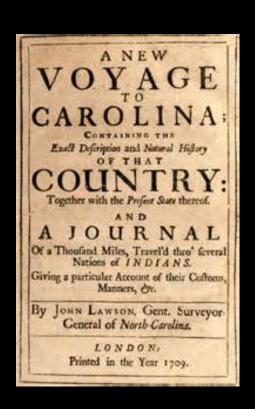


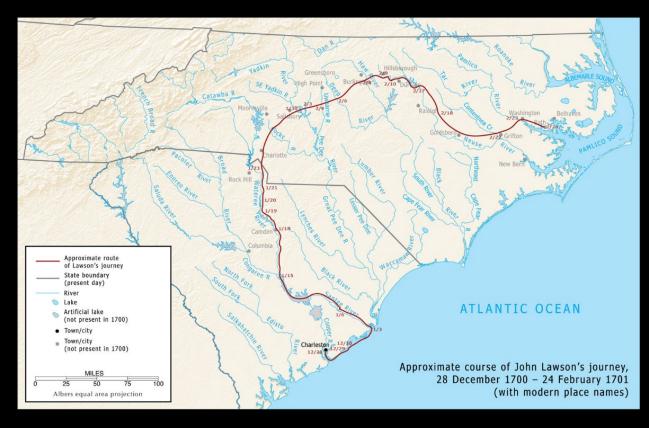




"We traveled today some twenty-five miles over pleasant savanna ground, high and dry, having very few trees upon it, and those standing at a great distance. The land was very good and free from grubs or underwood. A man near Sapona (the Yadkin) may more easily clear ten acres of ground than in some places he can one"

John Lawson, from "A New Voyage to Carolina"









"fine physical specimens due to the deer, bear, elk and bisor **Wood Bison** Plains Bison Largest native land mammal in Bulls average 730 kg. (Cows, North America 410 kg.) Bulls average 840 kg - 10 to Shorter neck 15% heavier than plains bison More rounded hump (Cows, 475 kg) Smaller and stockier Taller and squarer hump Chaps of long hair on forelegs Darker in color Cape is usually lighter in color Generally taller and larger In summer, cape forms distinct boundary Little or no chap hair on forelegs with the rest of body Cape usually does not form distinct Frizzy hair on head boundary with rest of body Larger more rounded beard Long, straight hair, sloping down on forehead

"except such as have been affrighted away since the invasion of the Europeans. The buffalo, once so very numerous, is not at this day to be seen in

Smaller, more pointed beard

# Symphyotrichum georgianum **Georgia Aster**

A relic of the Post Oak prairies that existed in the southeast prior to large-scale fire suppression, Georgia Aster is now limited to along woodland borders and roadsides. Road development and expansion, as well as woody plant succession as a result of fire suppression, are some of the major threats to the survival of *Symphyotrichum georgianum*.





# Echinacea laevigata Smooth Coneflower

A native of the piedmont prarie ecosystem, Smooth Coneflower has seen its native habitat diminish greatly over the last century due to fire supression. Without fire in the landscape, *Echinacea laevigata* has suffered from competition with other, non fire-adapted species.





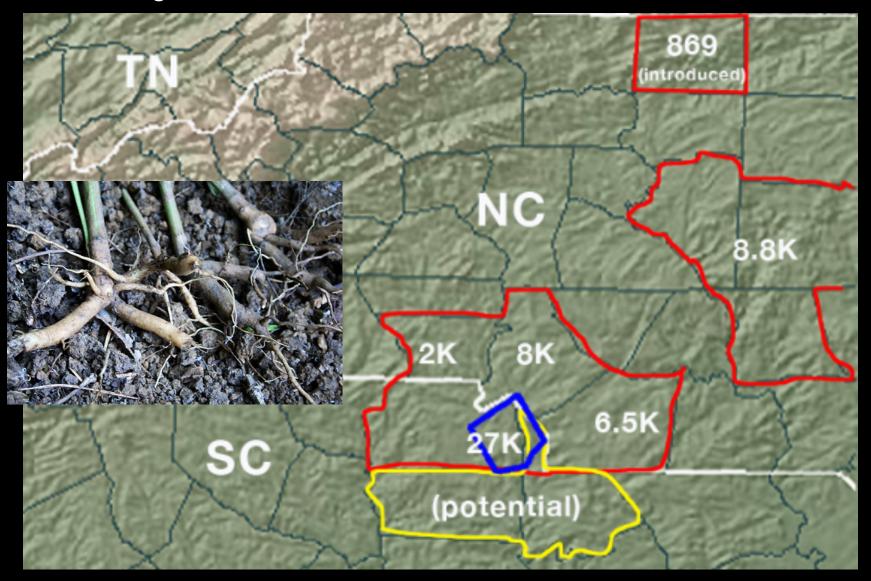
# Helianthus schweinitzii Schweinitz's Sunflower

Native to the piedmont prairie ecosystem, Schweinitz's Sunflower is currently known from only 10 populations in North Carolina and 6 in South Carolina. Fire suppression is the main reason behind the decline of the piedmont prarie, and by connection, Helianthus schweinitzii.



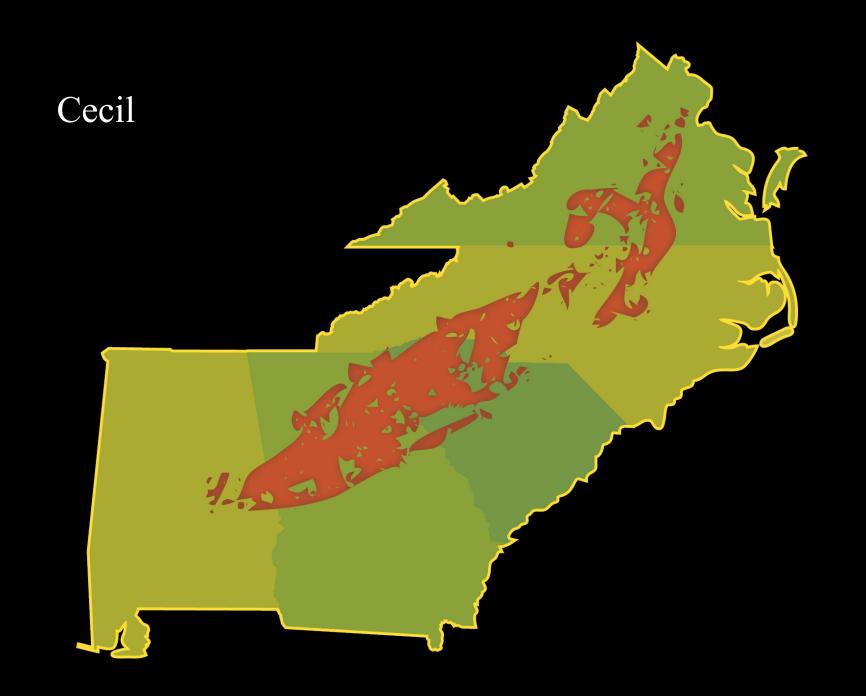


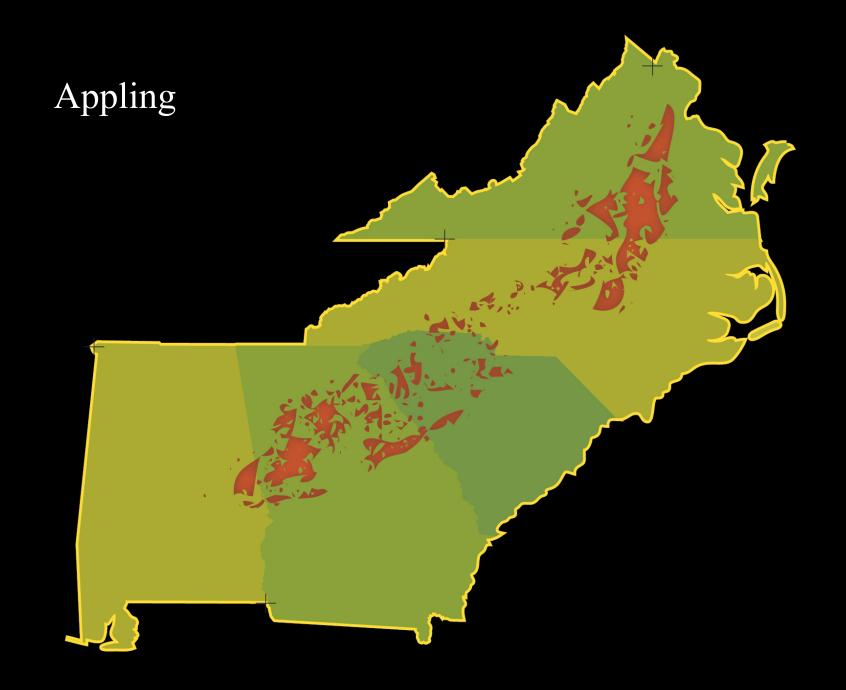
Flowering stems of Helianthus schweinitzii



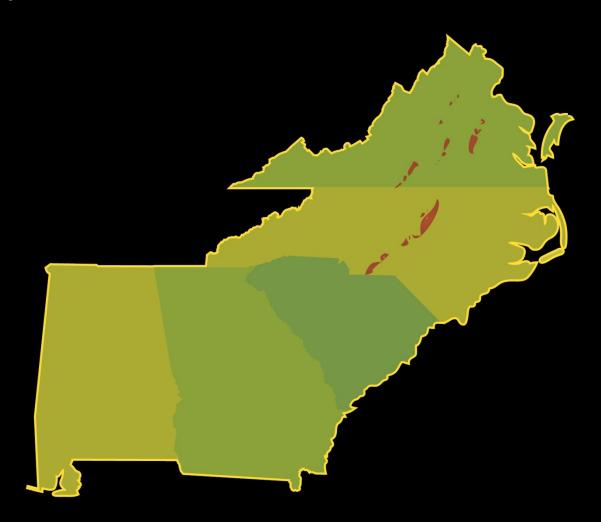
#### Southeastern Piedmont Ecoregion



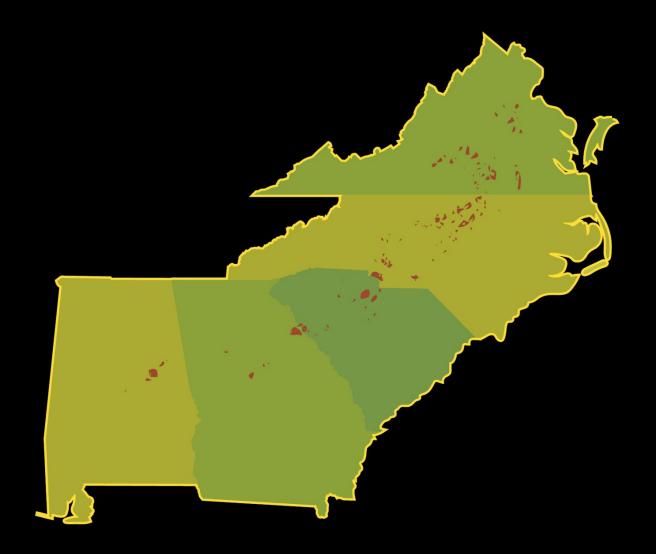


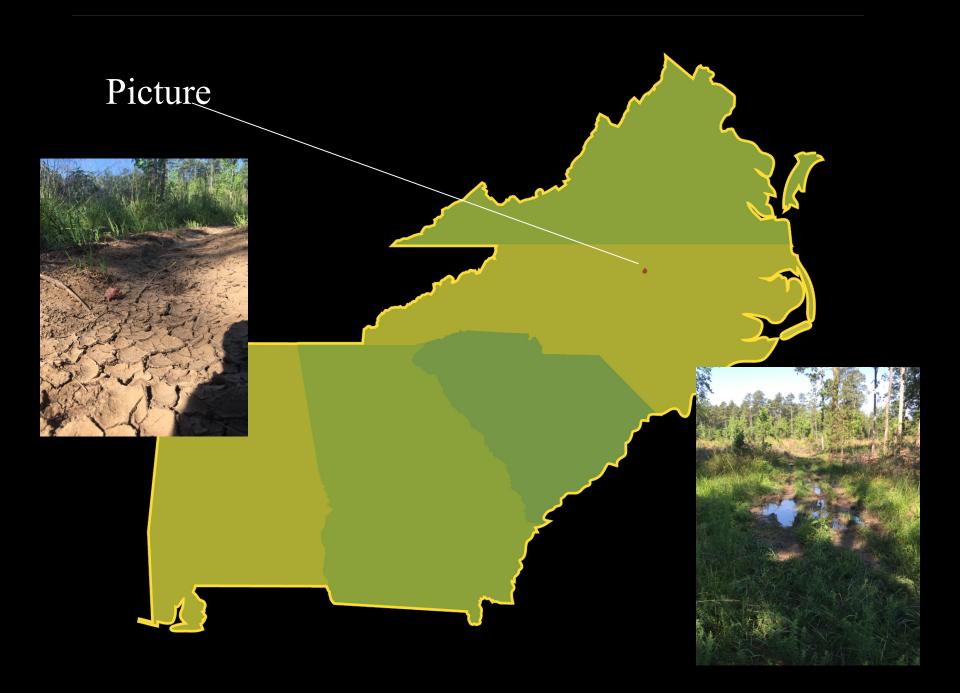


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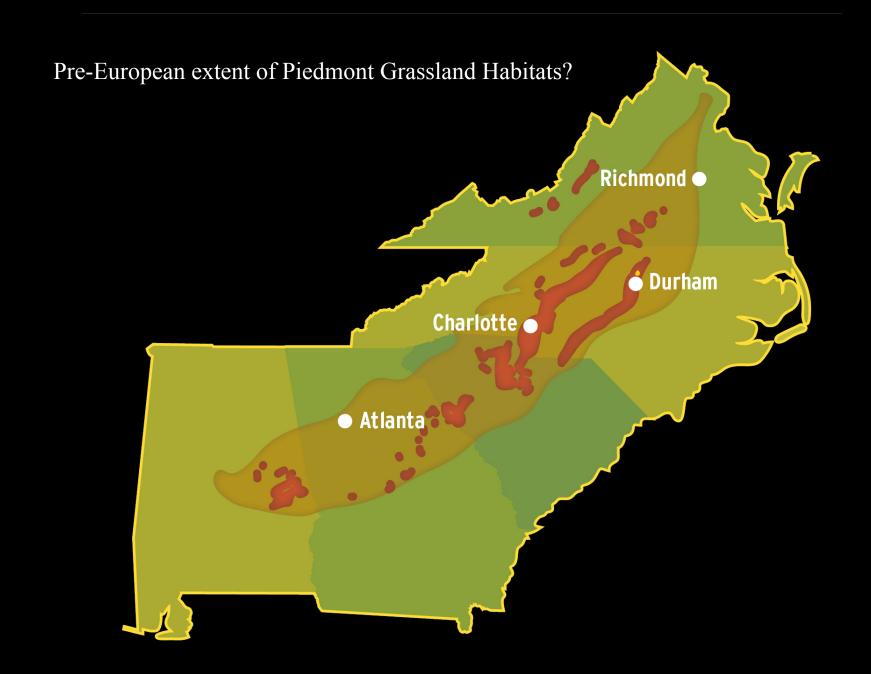
#### Picture Creek Barrens

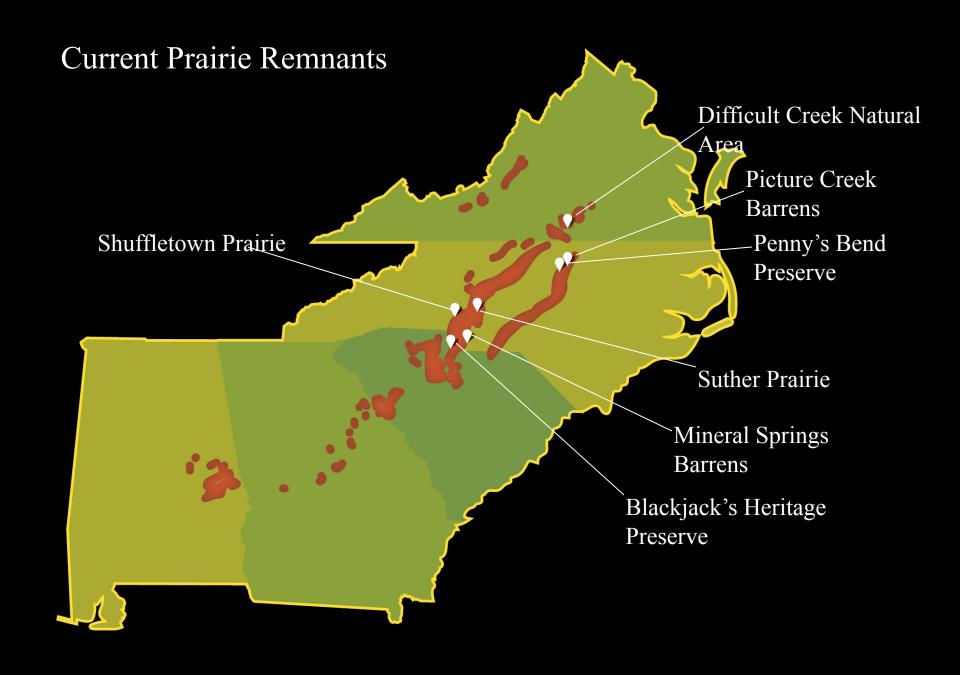










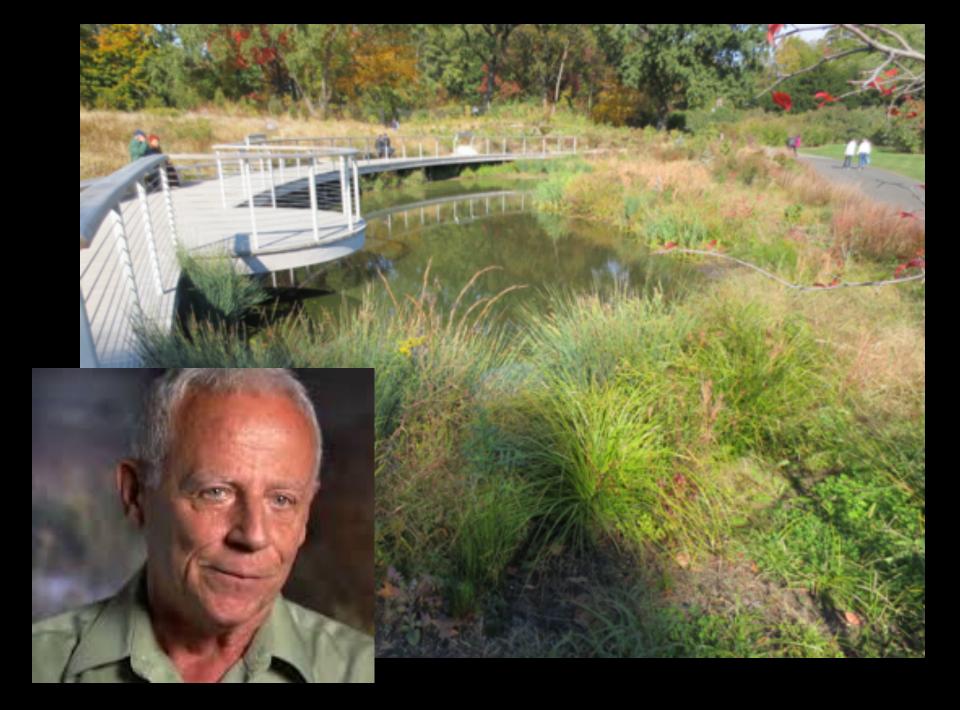


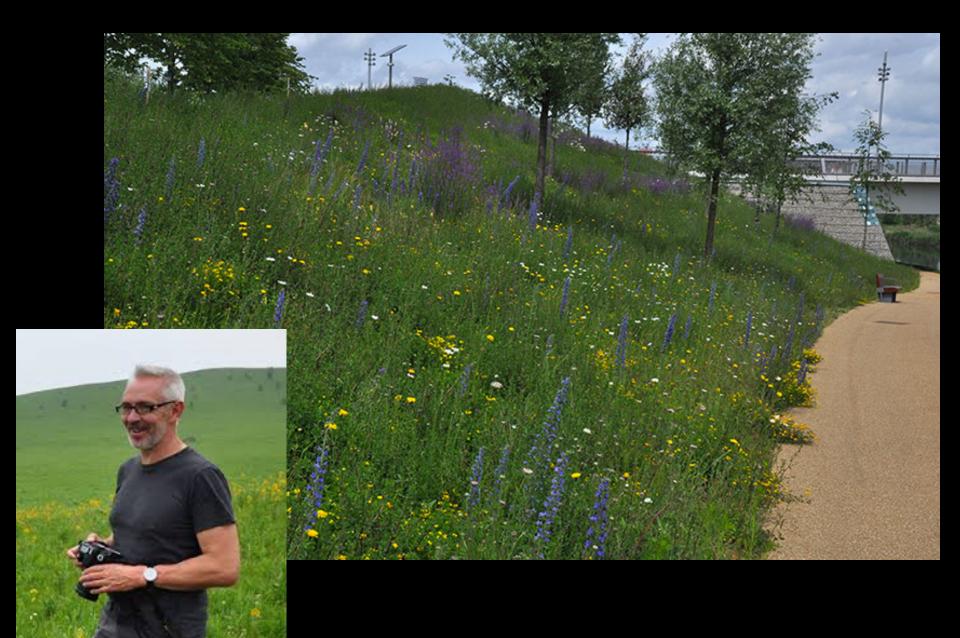






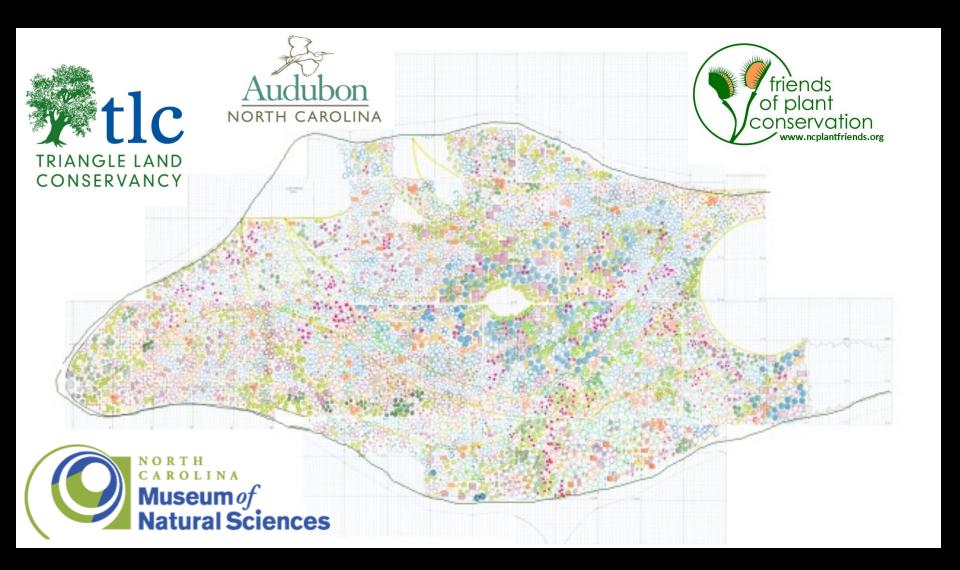


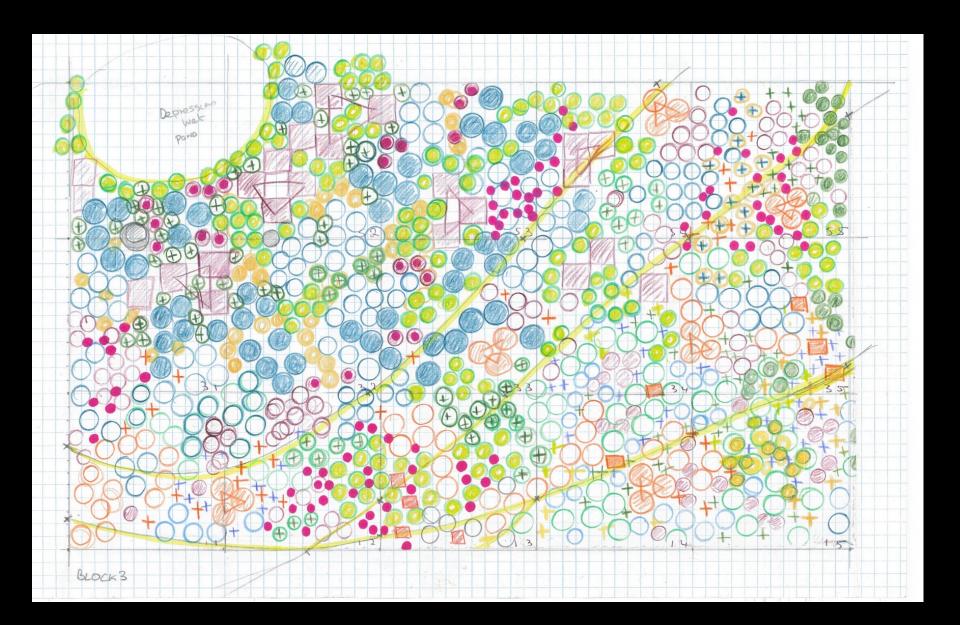




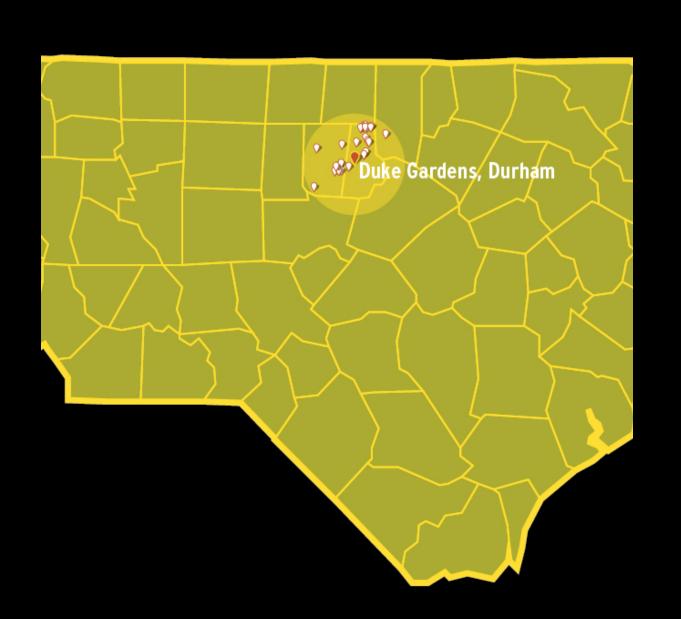






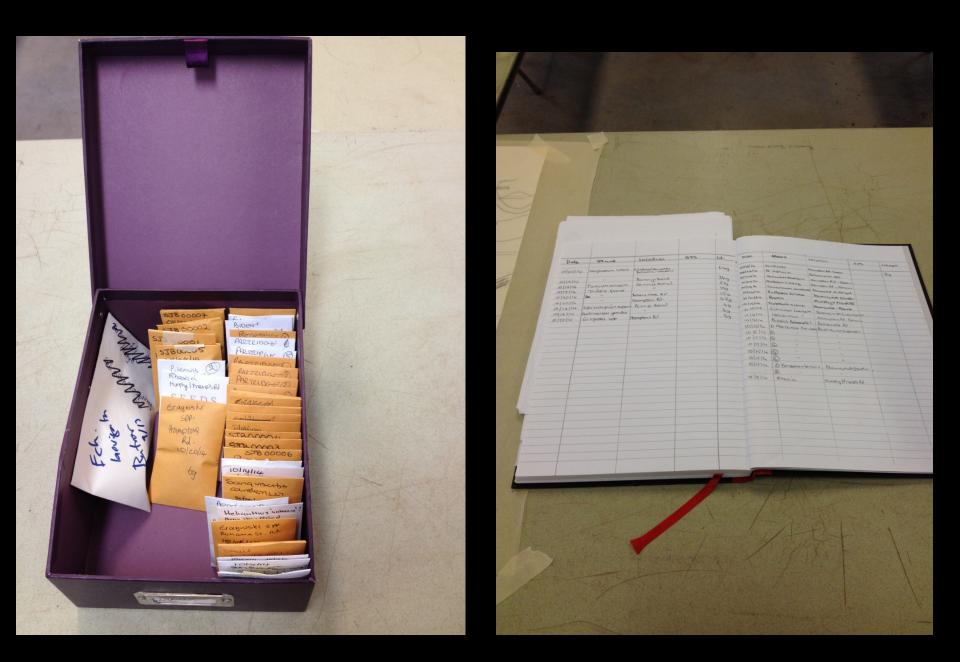




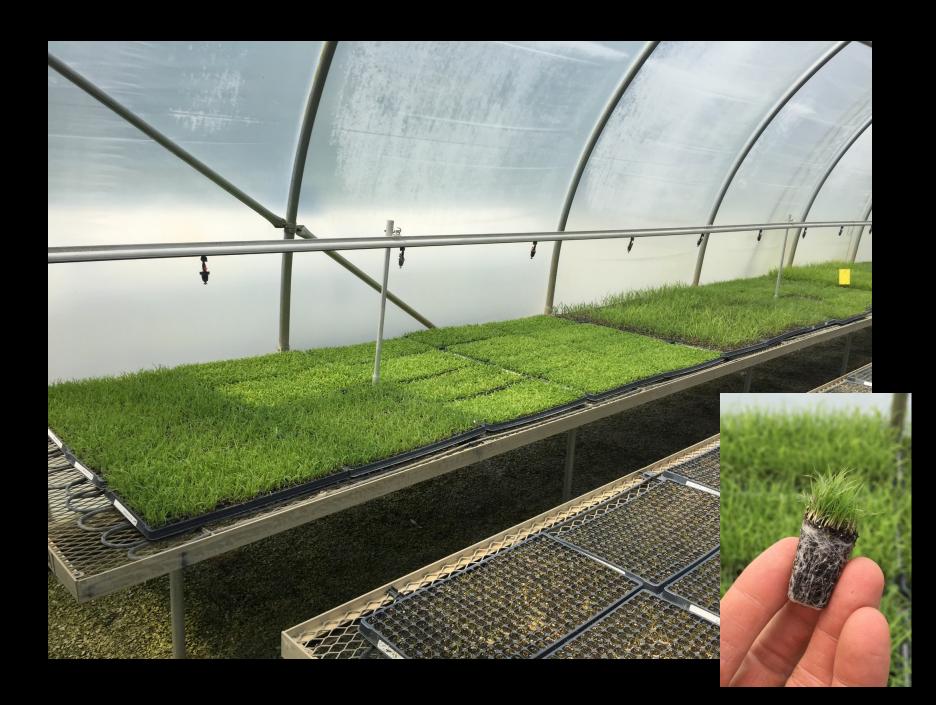




























## FOR ALL BED PREPARATIONS DIEHARD™ BED PREI



Net Weight: 10 lbs. (4.54 kgs.)

### NON PLANT FOOD INGREDIENTS

specifications • partner program rticulturalalliance.com	Endomycorrhizal Fungi	8.6 propagules per cc to include -7 species-Glomus mosseae (1.7), Gigaspora intraradices (1.7), Glomus fasciculatum (1.7), Glomus dussii (0.86), Glomus deserticola (0.86), Glomus clarum (0.86), and Glomus microaggregatum (0.86).		
	Ectomycorrhizal Fungi	10,800,000 per cc to include 2 species: Pisolithus tinctorius (9,288,000), Rhizopogon (1,512,000).		
	Horta-Sorb® MD Water Gel	17% Copolymer made for agriculture		
	Humic Acids	8% derived from Leonardite		
	Soluble Yucca Extract	1% Yucca schidigera		
	Soluble Sea Kelp Extract	1% Ascophyllum nodosum		
	Trichoderma	39,000 CFU's per cc Genus Trichoderma: Trichoderma hamatum, Trichoderma harzianum, Trichoderma viride, Trichoderma reesei.		
	Phosphate Solubilizing, Nitrogen Fixing and Growth Promoting Bacteria.	1,000,000 CFU's per cc. Genus Bacillus , Genus Psuedomonas , Genus Streptomyces		
	Root Promoting Vitamin	Biotin, Folic acid, B, B2, B3, B6, B7, B12, C and K Animal and plant proteins		
	Amino Acids (Protein)			
	Fulvic Acid	Plant-derived mineral		
	Mix 3 lbs per 100 square feet and inco		CATION	
7.5	the first 8 inches of soil. Produ	ct may be	Pkg. Size	Square Feet
0	amended into prepared top soils to achieve 3 lbs of product per 100 square feet based upon the depth of soil. For example the rate per cu. yd. for a bed mix 8 inches deep would be 19.5 oz. to the		10 lb. box	330
3			40 lb. case	1320
1986				

ecifications • partner programs amenaca into prepared top soits to achieve 3 lbs of product per 100 square feet based upon the depth of soil. For example the rate per cu. yd. for a bed mix 8 inches deep would be 19.5 oz. to the cubic yard. (8" would cover 40.5 sq. ft, x 0.48 oz. per sq. ft.)

Pkg. Size	330 1320		
10 lb. box			
40 lb. case			
25 lb. box	825		

Inhalation: If dusty conditions exist wear a dust mask.
Ingestion: Drink large amounts of water, induce vomiting, and seek medical attention.
Eyes: Flush with large amounts of water.

Product becomes very slippery when wet.

# STORAGE & HANDLING

Store in a cool, dry place. Avoid high temperatures and direct sunlight. Product shelf life is up to

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info

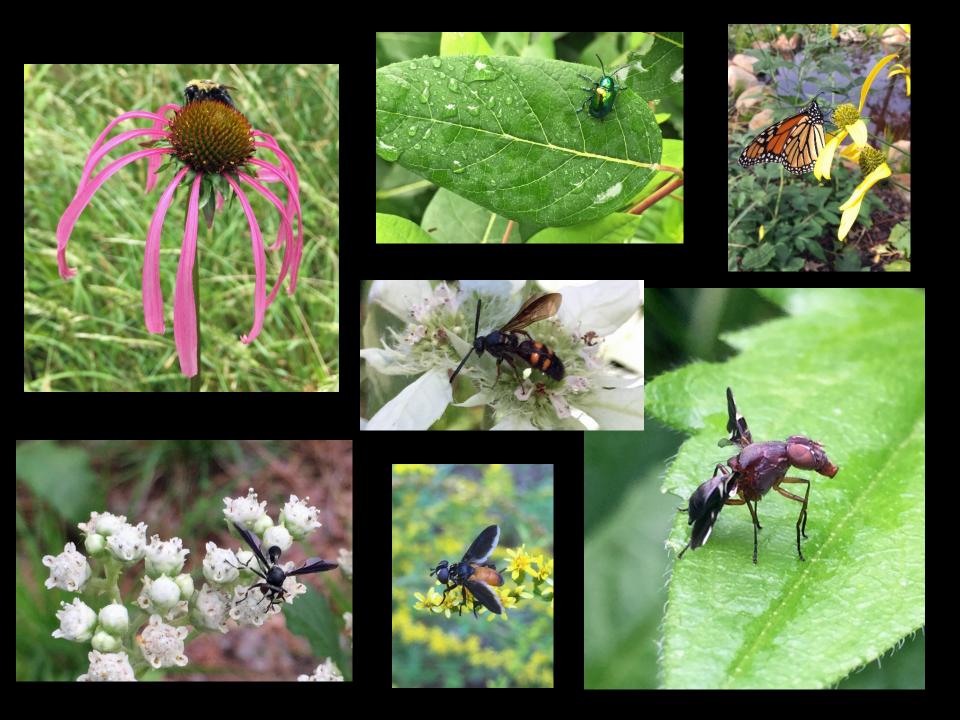
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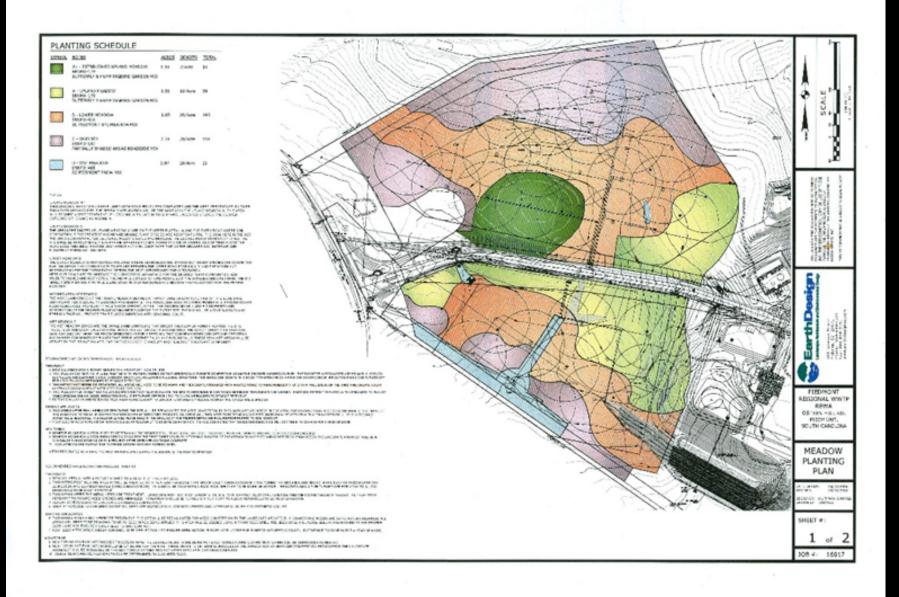












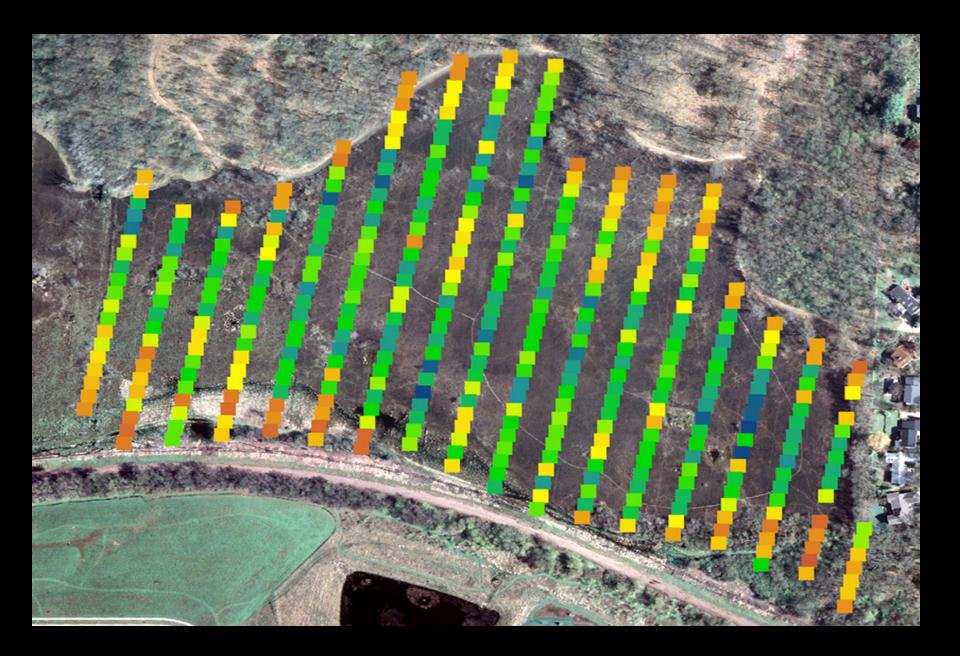
















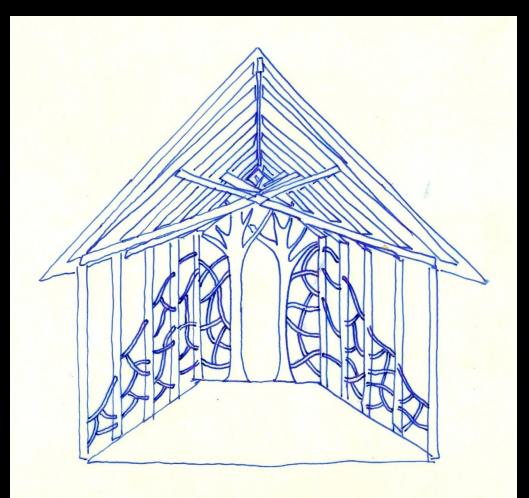


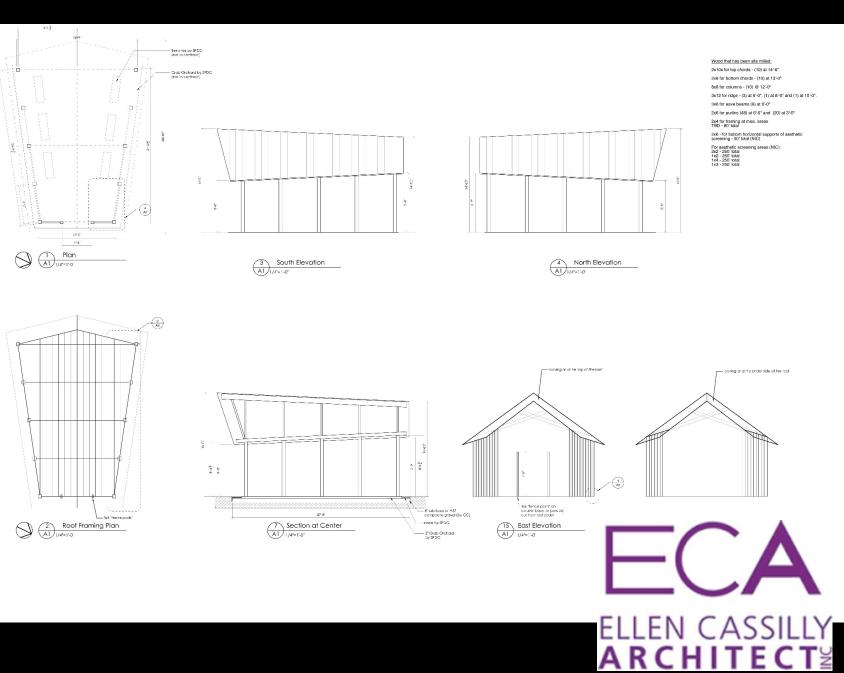




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Duke Gardens Blomquist Classroom DURHAM, NC

A1 Sections Elevations













Thank You!

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