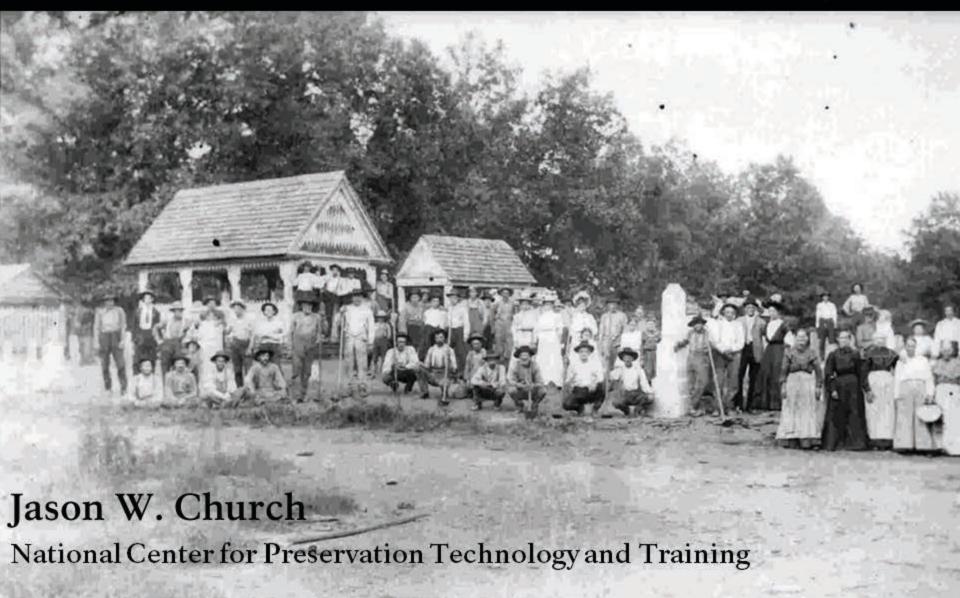


## Who is Taking Care of Grandma's Grave?

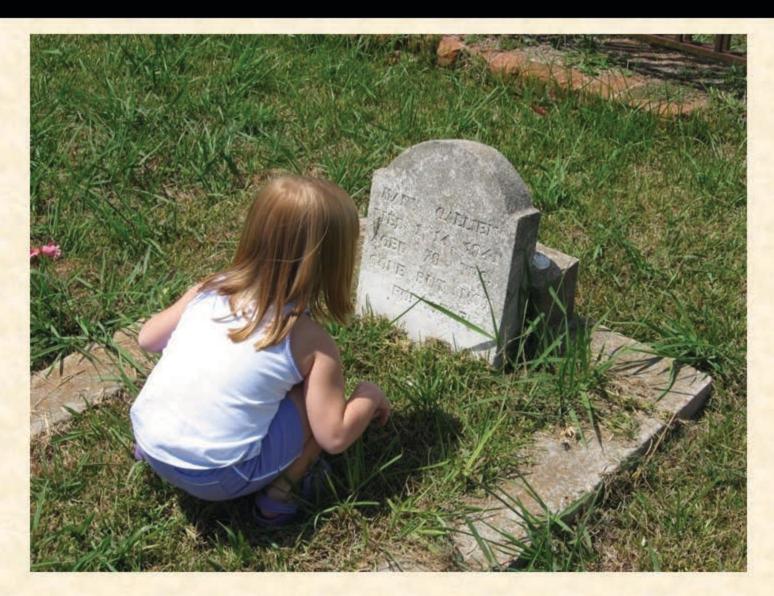






## Why Preserve Cemeteries?







## Genealogical Information







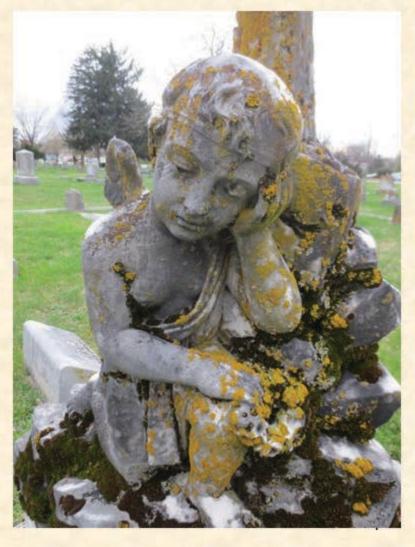
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INDIAN PAPOOSE 10-4-1865 2 MOS 10 9-1865 12 MOS	MARY SHABONAH MARY OAKONA SHABONAH	10 - 23 - 1859 5 - 14 - 1860	2 YRS 26 YRS
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# Artistic, Creative and Technical Values









## Artistic, Creative and Technical Values









### **Historical Events**







## A Direct Link to Our History



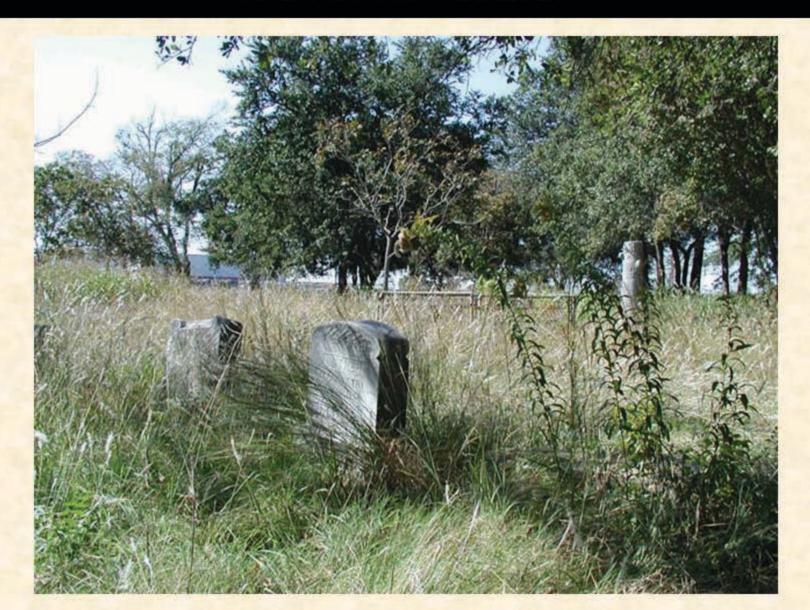






# Importance of Cemetery Documentation







### Documentation



#### First Phase of Surveys

- Historical
   Documentation
   (primary resources)
- Historic / Community Photographs







### Documentation



#### First Phase of Surveys

Oral interviews





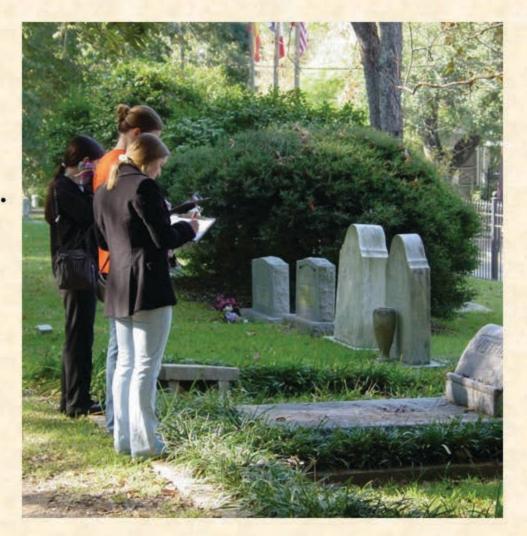


## First Step: Documentation



Why is this important?

Account of the current condition.





## First Step: Documentation



Why is this important?

Record of existing materials.



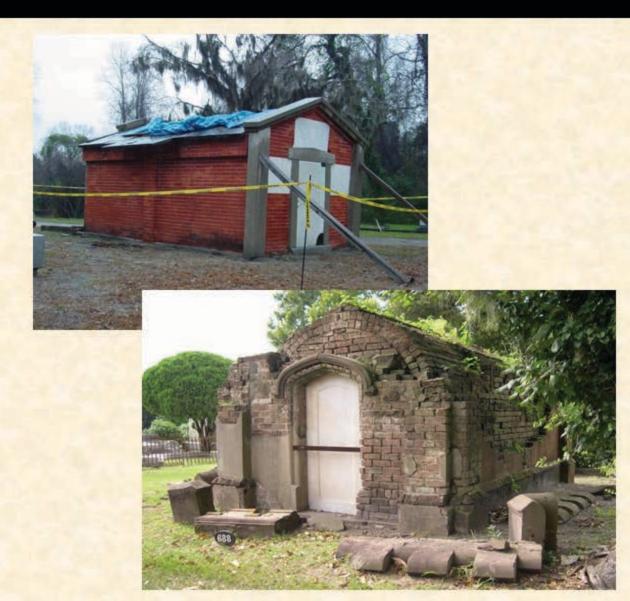


## First Step: Documentation



Why is this important?

 Helps to establish preservation priorities.





## Survey Forms / Written Documentation



- Several forms available
- Not all forms serve all needs
- Develop need specific and site specific forms

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- Before you begin pick your form
- Decide the "meaning" of all terms on the form
- Train all people involved

#### DESCRIPTION:

Type of interment (circle or	ie): tomb mai	rker family nam	e marker
Type of tomb (circle one):		ılt	
Type of marker (circle all to ruin cross pedestal column	pedestal obelis	k bedstead	ground tablet basal lawn ledger
Dimensions (primary stone	) Height:	Width:	Depth (or L):
Dimensions (base)	Height:	Width:	Depth (or L):
Dimensions (other):	Height:	Width:	Depth (or L):
Orientation (circle one):	North South	East West	unknown
Interment status (circle one	): active inact	ive abandoned	
State of interment (circle al	l that apply): stand altere	The second secon	gment relocated ed sunken
Type of interment (circle on	e): individual	family undeter	minable
Pedestal (circle one): yes		Base (circle one):	
Ornament (circle all that ap incised decoration	ply): urn scul	pture cross none other:	The state of the s
Furniture (circle all that app	oly): sculpture c	ontainer/vase pla	que immortelles none
Landscape (circle all that ap	pply): brick aspha	lt concrete soil	grass vegetation othe
Enclosure (circle all that app		fence none	
Grade slope (circle one):		e cross-slope	none
Degree of grade (circle one).	0 (low) 1	2 3 (high)	





- "Cemetery Conditions Assessment Form" used by NCPTT with an additional "Terms and Definitions" attachment.
- "Rapid Cemetery Documentation Form" and "Rapid Cemetery Documentation Definitions". These were developed by NCPTT as a disaster response tool.

http://www.ncptt.nps.gov/blog/ documentation/





 Chicora Foundation has a variety of useful Cemetery Documentation Survey Forms available for download.

http://www.chicora.org/cemetery-forms.html

 Texas Historic Commission has a simple user friendly Cemetery Survey Form.

http://www.thc.state.tx.us/learn/publication



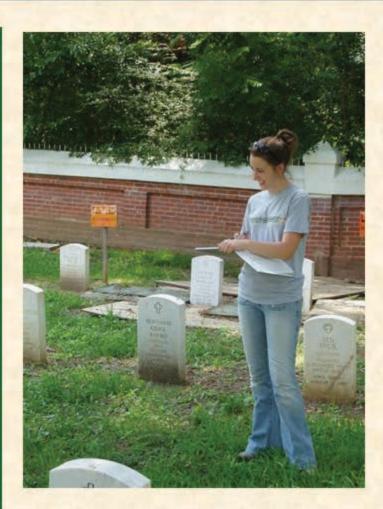
## **Accurately Record** Descriptions



#### IDENTIFICATION: Plot identification: Harrington plot designation: Natchitoches Cemeteries #: Name(s) of interred: First burial date: Last burial date: Inscription: Stone carver (if known): Location of mark:

#### DESCRIPTION:

Type of interment (circle one): tomb	marker fa	amily name ma	irker	
Type of tomb (circle one): mausoleum				
Type of marker (circle all that apply): he ruin cross p pedestal column funera	edestal obelisk	Woodr	round tablet nen of the Wor ad	basal ld
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Dimensions (other): Height:	Width:	De	pth (or L):	
Orientation (circle one): North So		West un	known	
Interment status (circle one): active	inactive ab	andoned		
State of interment (circle all that apply):	standing ruit altered repli		nt relocated sunken	
Type of interment (circle one): individu	ual family	undetermina	able	
Pedestal (circle one): yes no		rele one): ye	s no	
Ornament (circle all that apply): urn incised	sculpture d decoration		ue relief dec vase none	oration
Furniture (circle all that apply): sculptur	e container/	vase plaque	immortelles	none
Landscape (circle all that apply): brick	asphalt conc	rete soil gr	rass vegetatio	n othe
Enclosure (circle all that apply): curb	wall fence	none	211-12100000000000	
Conde along talests much maritims	ALCOHOLD TO A CALL	s-slope nor	ne	
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## Involve the community.







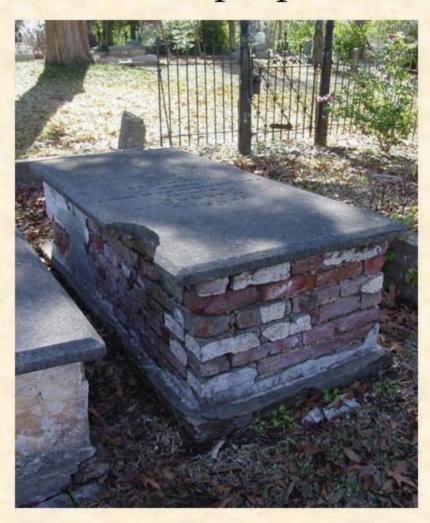








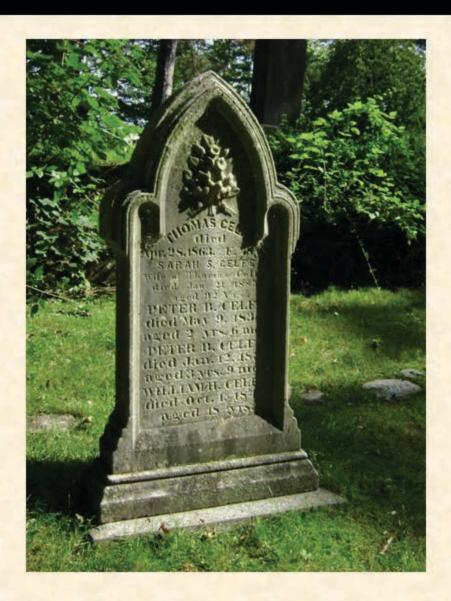
#### How would different people describe this?





## Headstone







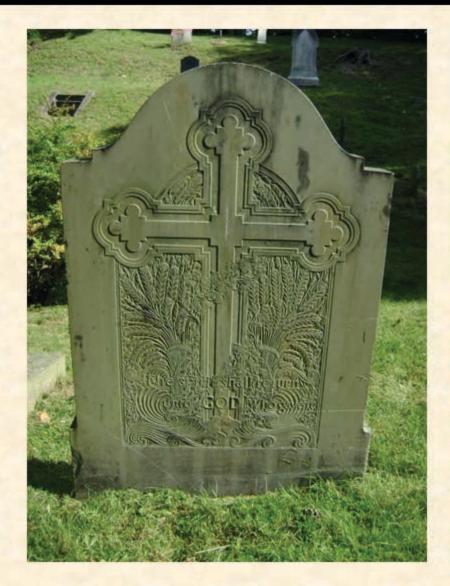


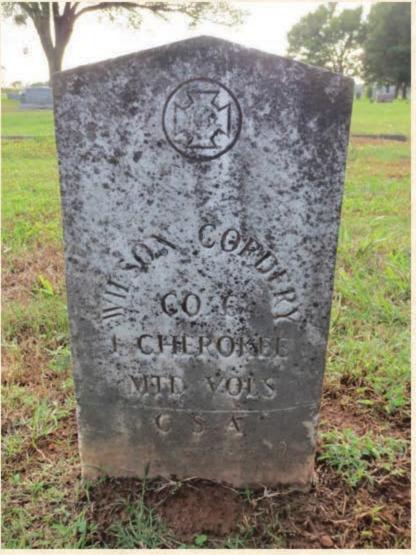




## Headstone, ground supported



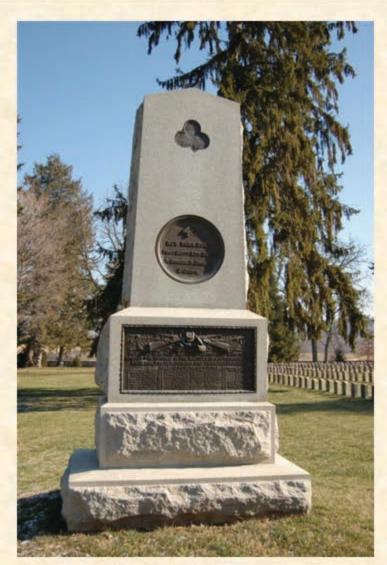






# Headstone, stacked bases









## Ledger







## Funeral Home Plaque









## Materials

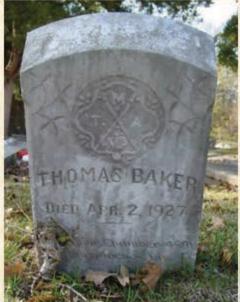










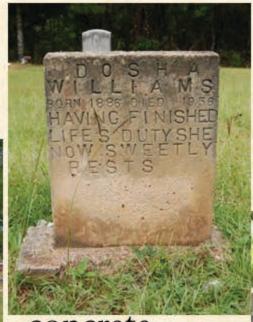


marble

#### **Identify Materials**

#### limestone





concrete

#### zinc





#### Documentation



LEWISH HAMILTON/ BORN FEB. 2, 1922/ DIED JAN. 20, 1978/ BECAMEA/ MEMBER OF ST / JOHN BAPTIST / CHURCH/ IN HIS EARLY DAY

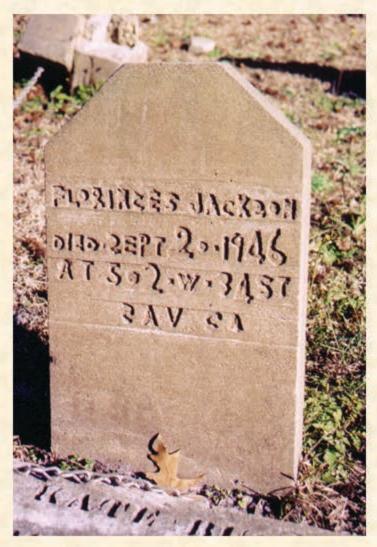


Lewis H. Hamilton b. 2-2-1922 d. 1-20-1978



#### Documentation





FLORINCES JACK "S"(b.w.)ON/ DIED. "S"(b.w.)EPT 2... 1946/ AT S . 2 . W. 34 ST/ "S"(b.w.)AV GA

FLORINCES JACKS\*ON/ DIED. S\*EPT 2. . 1946/ AT S . 2 . W. 34 ST/ S\*AV GA

\* Indicates backwards letter



## Iconography



Stories in Stone; A Field Guide to Cemetery Symbolism and Iconography by Douglas Keister











## Historic Landscape









## Historic Landscape







### Locate or Create a Site Map



- Several electronic programs available
- Can be a simple location map
- To an interactive GIS / GPS data base





## Locate or Create a Site Map





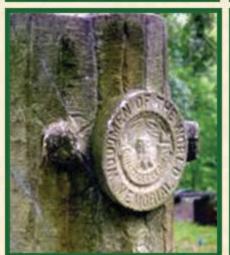


## Photodocumention















## Photodocumention



#### Do not use

- Shaving cream
- Flour
- Caulk

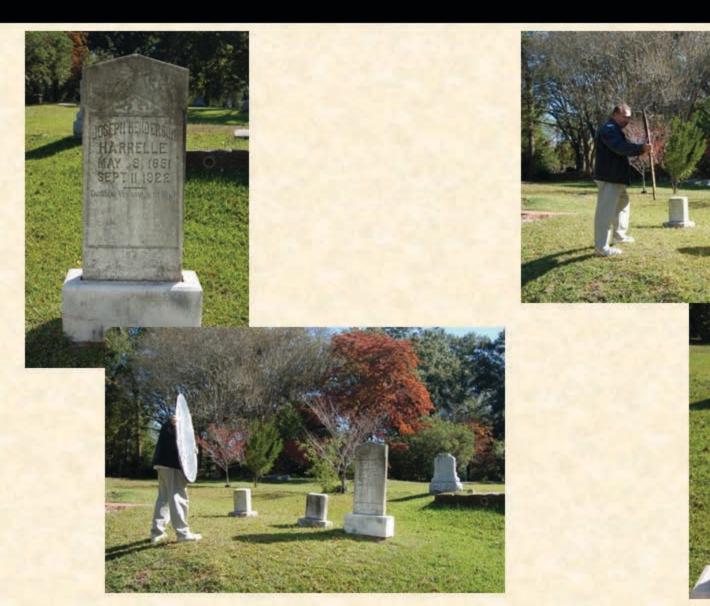






# Photodocumention







# Photodocumention







#### Photodocumention

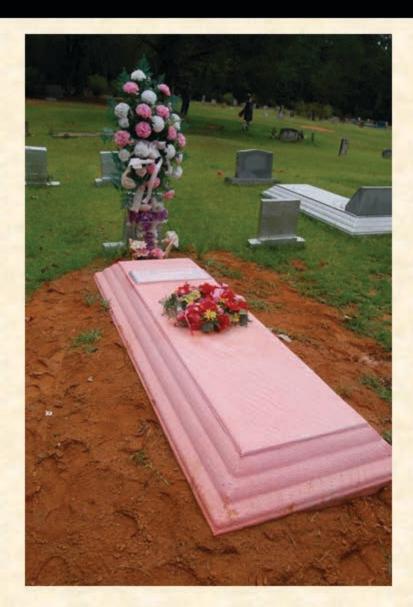


















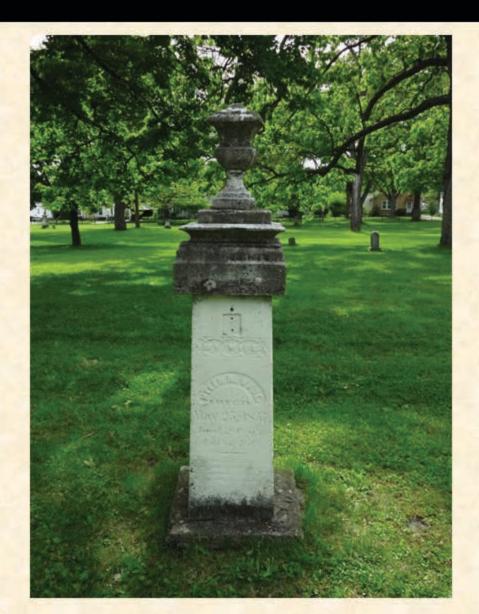
























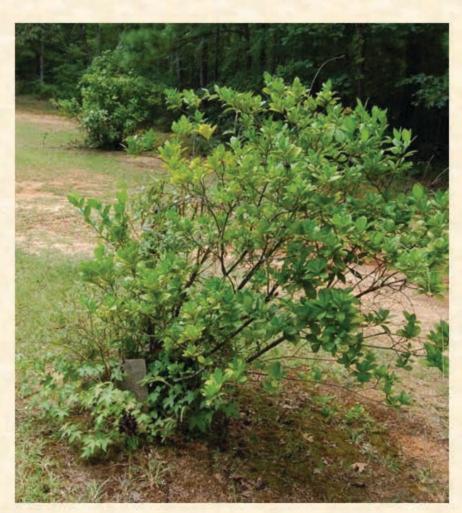
#### Plants as Grave Markers







#### Plants as Grave Markers









#### "Unconventional" Grave Markers

















Cemetery Fencing Survey

Cemetery Name: Laurel Grove North Cemetery

Cemetery Address: 802 W. Anderson St. Savannah, GA 31415

Lot / Section Number: 1232

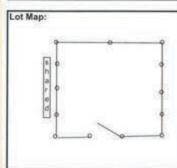
Lot Physical Location: West of aisle 17

Lot Name (Predominate): Rutherford

Fencing Type: Wrought with cast iron details

Fence Manufacturer and Date: Unknown

Fence Description: Round cast posts are topped by a sphere. Each panel is wrought iron with a hair pin and bow pattern which connects to the runners

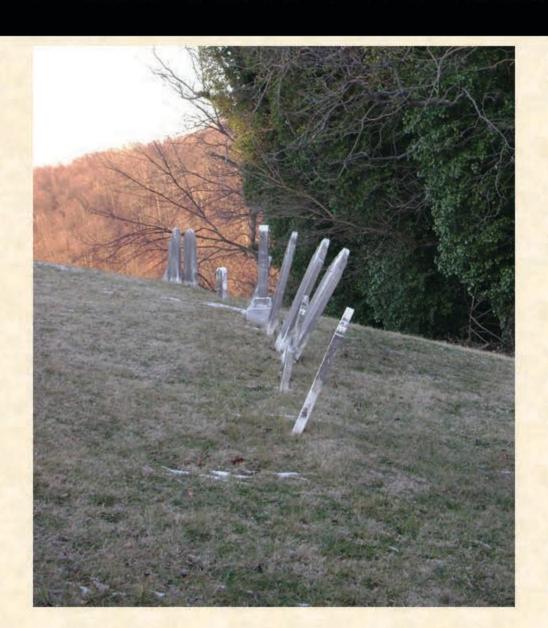


with a cast detail. The shorter hair pin has a cast arrow head top. The gate is labeled "John Rutherford."













































## Who are they?

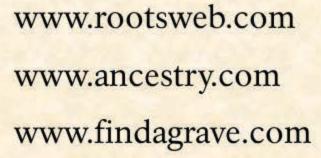


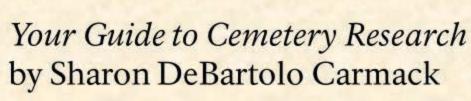


Census Records
City Directories
Court Records



Church Records
Death Records









# Who are they?







# **Cemetery Care**



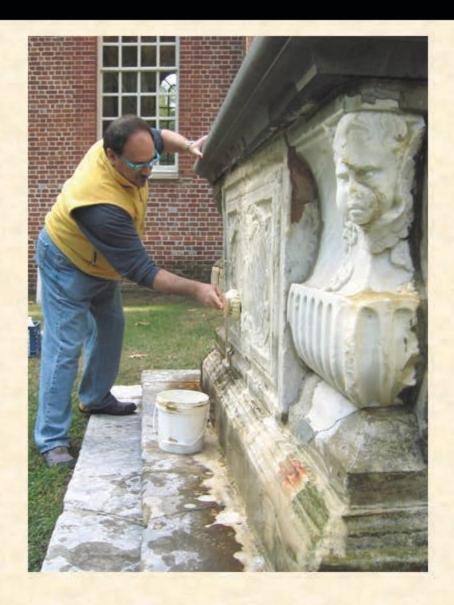






# Cleaning Issues





- What is the reason for cleaning the monument?
  - Soiling
  - Staining
  - Particulate
     Matter/Gypsum crusts
  - Biological growth
  - Vandalism/graffiti



# Why Should We Clean?



### Readability







# Soiling





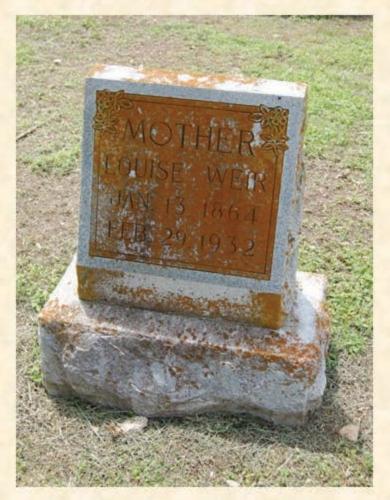




# **Biological Growth**









# Metallic Staining









# Deterioration/Gypsum Crusts





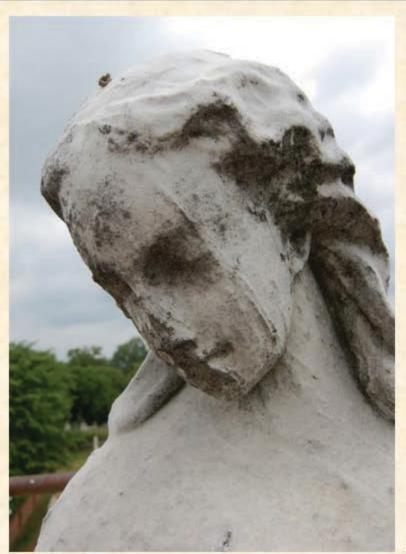
Sugaring



# Deterioration/Gypsum Crusts



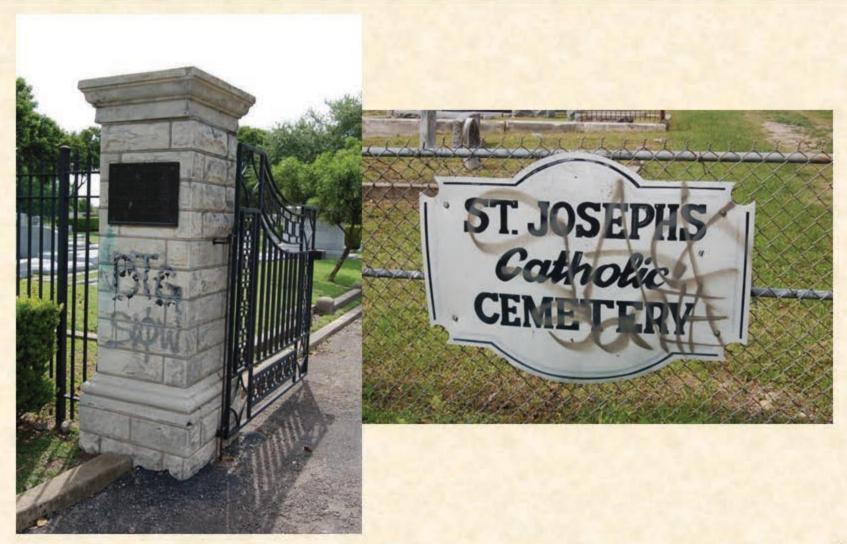






#### Vandalism







# **Cleaning Issues**





- What are some considerations regarding cleaning methods?
  - Acceleration of deterioration
  - Loss of original materials
  - Long-term stability of monument
  - Long-term affects of cleaners



# Mechanical Cleaning



- Acceptable
  - Low pressure, power-washing (less than 300 psi)
  - Mechanical agitation using soft bristle brushes
- Unacceptable
  - Sand blasting
  - High-pressure power-washing (greater than 300 psi)
  - Grinders
  - Wire brushes





<u>Never</u> Use A Wire Brush, Nylox Brush or Power Equipment







High Pressure Washing









 Don't Harsh Cleaners Such As Acids and Strong Bleaches







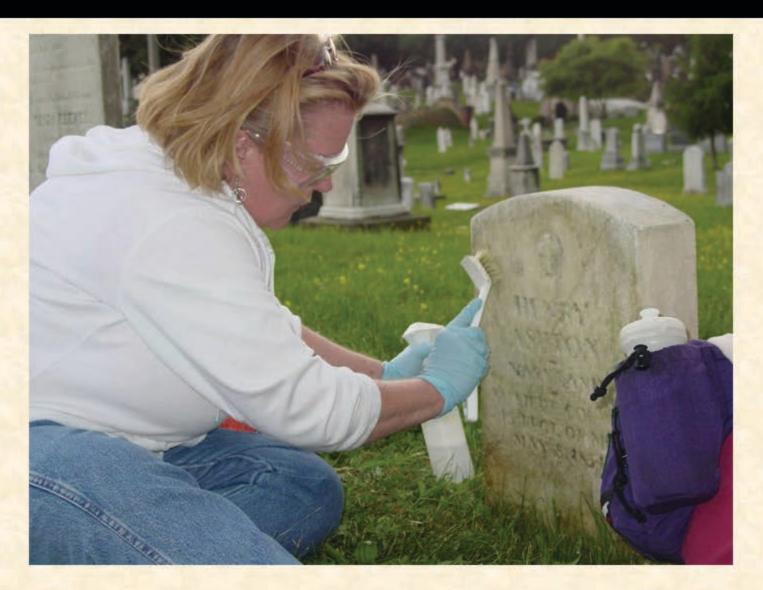


- Do No Harm
- Do select the gentlest cleaning method to accomplish the task
- Do perform small tests before cleaning the entire stone
- Do follow manufacturers' recommendations
- Do follow manufacturers' safety guidance
- Do exercise patience.



# Handling and Safety







# Equipment











# Basic Cleaning



- Follow manufacturer's instructions
- ALWAYS use soft bristle brushes
- NEVER use a wire brush
- NEVER use power tools, such as power washers, grinders, or sanders





# **Application of Cleaners**



- ALWAYS Soak the Stone Before Cleaning
- Start Cleaning
   From the Bottom
   and Work Up
- Use a Small
   Circular Motion
- Use Lots of Water













# Where to Get More Information



NPS Preservation Brief 48

"Preserving Grave Markers in Historic Cemeteries"

https://www.nps.gov/tps/how-to-preserve

/briefs/48-preservinggrave-markers.htm

#### 48 PRESERVATION BRIEFS

#### Preserving Grave Markers in Historic Cemeteries

Mary F. Striegel, Frances Gale, Jason Church, & Debbie Dietrich-Smith





Cremeteries found across the country are not only places of bursel, but they also provide a vivid record of community listings. Whether large or small, well maintained or neglected, historic cometeries are an important part of our cultimal landscape. The wast richness of expression through from, decoration and materials indoors our understanding of the individuals bursed in historic cometeries and their cultural.

While cometeries are often considered to be perpetual, their most prominent hosbure—the garve melders are not. They weather, naturally decay, roften are poorly maintained and repaired and, on occasion, are vandalized (Fig. 1). Grave markers are unsally noterworthy not only for their innoriptions but also for their craftimanulap. Europtional markers are considered works of art.

This Preservation Brief focuses on a single aspect of lustosic omsetery preservation—providing guidance for owners, properly managers, admirastrators, ushouse maintenance staff, volunteers, and others who



Finne 1 Sandstone and slate many markets in the Ancies

are responsible for or are interested in preserving and protecting grave markets. Besides describing grave markets whether describing grave market materials and the risk factors that contribute to their decay, the Brief provides guidance for assessing their conditions and discusses maintenance programs and various preservation treatments.

Also identified are a number of excellent references that address materials used in all grave murkers, including several other Preservation Bisels (lasted in Additional Reading). This Birel highlights particular issues that should be considered with historic gover markers.

#### Types of Traditional Grave Markers

The great variety in the types of grave inackers in a fascinating aspect of the snudy and appreciation of inalorist cemeteries. Three bound categories can be used to describe grave markers—(1) single element (2) multiple element and (3) structures. Single-element grave markers are stone, cast iron, or wood elements grave markers are stone, cast iron, or wood elements that are set in a vertical position of placed as a horizontal slab on the ground (Fig. 2). Early examples of this impliest type of grave markers are held stone and basic wooden or wrought our crosses, with the name of the deceased person scratched into or empawed on the marker. Often, these resultanematary grave markers are overslooked, significantly deteriorated, or lost. Vertical stone slab and large stone ledges said betterordaily over the gravenite are more cophisticated examples of this type.

Multiple-element grave markers are found in a number of different forms (Fig. 3). In the most typical form, a grave marker would consist of two stones—an upper headstone placed on top of a base stone. The upper headstone may be secured in a number of different ways



# Upcoming Hands-on Training



- June 16-17, 2017 Gloucester, MA
   http://ptn.org/events/gravestone-preservation-workshop
- June 24, 2017 Tuscaloosa, AL
   Association for Gravestone Studies
   https://www.gravestonestudies.org/conference/register
- September 23, 2017 Janesville, WI https://www.ncptt.nps.gov/events/cemetery-basics-workshop-janesville/



# Where to Get More Information



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