LL CHAPTER
of the
VE PLANT SOCIETY
Box 342
IL 61427
17, 1990

Illinois Department of Conservation
Natural Heritage Division
[illegible] Second Street
[illegible]

-SMALL PROJECT PROGRAM-MANAGEMENT
T CEMETERY

Gentlemen:

I submitted the Final Report on the Root Cemetery project, the last photographs had not been returned from the developer. I am sending those photos now, as well as some additions to the Plant Inventory.

Thank you again for allowing us participate in the Small Project Program.

Sincerely,

Barry Rumsey

Encl.

# ILLINOIS NATIVE PLANT SOCIETY

Irene Cull Chapter
Gary Kuzniar, Pres.
603 E. Jefferson
P. O. Box 342
Cuba, IL 61427
August 29, 1990

State of Illinois Dept. of Conservation
Natural Heritage Division
524 S. Second
Springfield, IL 62701-1787

Gentlemen:

Enclosed is the final report on our project, Management Plan for Root Cemetery which was approved for funding through the Illinois Nongame Wildlife Conservation Fund. We are pleased to report that the project has been completed.

Along with the report, we are enclosing an invoice of expenses, an inventory of plant species, and photographs of the site.

Thank you for giving us the opportunity to participate in the Small Project Program.

Sincerely,
Gary Kuzniar 8-29-90
Gary Kuzniar

P. S. The final photograghs of the fence and sign did not come back from the developer in time for this mailing. I will be sending them as soon as they arrive.

# MANAGEMENT PLAN FOR ROOT CEMETERY

Final Report

by

Gary Kuzniar

INNINOIS NATIVE PLANT SOCIETY

IRENE CULL CHAPTER

FINAL REPORT

## Introduction

In order to protect Root Cemetery from further disturbance, volunteers from the Irene Cull Chapter of the I.N.P.S. erected a fence around all four sides of the site. Plant species at the cemetery were inventoried. Vegetation was managed by burning and brush cutting. A sign identifying the Cemetery as a natural area was made and erected. Contacts with local officials, agencies, and the media promoted the value of the site to area residents. Trash was gathered and properly disposed of.

## Materials and Methods

### List of Materials

Field Fence
Non-Climb Fence
Steel Posts
Treated Wood Posts
Steel Fence Braces
Cedar Board
Hog Rings
Washers
Nuts
Bolts
Screws
Concrete Mix
#9Wire
Pliers
Fence Clips
Staples
Post Driver
Fence Stretcher
Posthole Digger
Hammer
Wire Cutters
Stain and Paint
Loppers
Brush Cutter
Safety Glasses

### Methods

After gaining approval for the project, we located the boundaries using markers left from a former fence. Those dimensions agreed with the Cemetery's deed. We sought and were successful in getting a local company to donate some fence; a local official donated some posts. The original posts at two corners were still standing. A Township trustee used his tractor to dig holes for the remaining corner posts, as well as the posts placed across the entrance. Cement was poured in each hole and corner braces were installed. The fence was laid out, spliced where necessary, stretched, and fastened to the posts. A volunteer made the sign; it was bolted to two posts and erected.

Burning, brush cutting, trash collection, and plant identification were conducted on various field trips to the site over the past growing season.

FINAL REPORT

## Results

Fence and sign are completed. Brush and tree seedlings are diminished. Trash is less pervasive. Plant species have been inventoried.

## Discussion and Summary

The project was a total volunteer effort with approximately 195 work hours contributed. All transportation of materials and tools used were donated.

The native species that exist in Root Cemetery are there in somewhat stable populations. Management for one growing season as made a difference in restoring the area to prairie. Removal of alien species should bring marginal areas to within the quality seen in most of the Cemetery.

The fact that we sought the involvement of local residents helped to promote a heightened awareness of the site with favorable prospects for its future protection. The project received increased approval because it was protecting a cemetery as well as a natural area.

Television and print coverage has resulted in a positive response from the general public for preservation in the Central Illinois area. There was also a gratified response in relation to use of non-game Check-off funds for such an undertaking.

Root Cemetery
Plant Inventory

| | |
|---|---|
| **Acanthaceae** | |
| *Ruellia humilis* Nutt. | Wild Petunia |
| **Asclepiadaceae** | |
| *Asclepias verticillata* L. | Whorled Milkweed |
| **Campanulaceae** | |
| *Specularia perfoliata* (L.) A. DC. | Venus Looking Glass |
| *Campanula americana* L. | American Bellflower |
| *Lobelia spicata* | Pale Spiked Lobelia |
| **Caprifoliaceae** | |
| *Triosteum perfoliatum* L. | Horse Gentian |
| **Celastraceae** | |
| *Celastrus scandens* L. | Bittersweet |
| **Commelinaceae** | |
| *Tradescantia ohiensis* Raf. | Ohio Spiderwort |
| **Compositae** | |
| *Eupatorium purpureum* L. | Purple Joe-Pye Weed |
| *Helianthus occidentalis* Riddell. | Western Sunflower |
| *Rudbeckia hirta* L. | Black-eyed Susan |
| *Silphium perfoliatum* L. | Cup Plant |
| *Vernonia fasiculata* Michx. | Ironweed |
| *Helianthus divaricatus* L. | Woodland Sunflower |
| **Euphorbiaceae** | |
| *Euphorbia corollata* L. | Flowering Spurge |
| **Geraniaceae** | |
| *Geranium maculatum*L. | Wild Geranium |
| **Hypericaceae** | |
| *Hypericum spp.* | St. John's Wort |
| **Labiatae** | |
| *Pycnanthemum virginianum* (L.) Dur. & Jacks | Mountain Mint |
| *Teucrium canadense* L. | Wood Mint |
| *Monarda fistulosa* L. | Wild Bergamot |
| **Leguminosae** | |
| *Desmodium canadense* (L.) DC. | Showy Tick Trefoil |
| *Desmodium canescens* L. | Hoary Tick Trefoil |
| *Cassia fasiculata* Michx. | Partridge Pea |
| *Baptisia leucantha* Torr. & Gray | White Wild Indigo |
| *Lespedeza capitata* Michx. | Round-Headed Bush Clover |
| *Psoralea onobrichis* Nutt. | French Grass |

| | |
|---|---|
| **Liliaceae** | |
| *Erythronium albidum* Nutt. | Trout Lily |
| *Camassia scilloides* (Raf.) Cory | Wild Hyacinth |
| *Trillium recurvatum* Beck. | Prairie Trillium |
| **Polemoniaceae** | |
| *Polemonium reptans* L. | Greek Valerian |
| **Rosaceae** | |
| *Potentilla arguta* Pursh | Prairie Cinquefoil |
| **Santalaceae** | |
| *Comandra richardsiana* Fern. | False Toadflax |
| **Scrophulariaceae** | |
| *Penstemon digitalis* Nutt. | Foxglove Beardtongue |
| *Veronicastrum virginicum* (L.) Farw. | Culver's Root |
| **Violaceae** | |
| Violet spp. Unidentified | |
| **Vitaceae** | |
| *Vitis spp.* | Wild Grape |
| **Rhamnaceae** | |
| *Ceanothus americanus* L. | New Jersey Tea |
| **Poaceae** | |
| *Andropogon gerardi* Vitman | Big Bluestem |
| *Schizachyrium scoparius* (Michx.) Nash | Little Bluestem |
| *Sorghastrum nutans* (L.) Nash | Indian Grass |
| **Juglandaceae** | |
| *Carya ovata* (Mill.) K. Koch. | Shagbark Hickory |
| **Araceae** | |
| *Arisaema dranontium* (L.) Schott. | Green Dragon |
| **Aliens-Undesirables To Be Removed** | |
| *Euphorbia cyparissias* L. | Cypress Spurge |
| Iris spp. (cultivar) | (Iris) |
| Sedum spp. (cultivar) | (Sedum) |
| Ornithogalum umbellatum L. | Star of Bethlehem |
| Rhus glabra L. | Smooth Sumac |
| ---------- | Flowering Almond |

ADDENDUM TO ROOT CEMETERY PLANT SURVEY



| | |
|---|---|
| **Betulaceae** | |
| Corylus americana Walt. | Hazelnut |
| **Caryophyllaceae** | |
| Saponaria officinalis L. | Bouncing Bet |
| **Compositae** | |
| Ambrosia artemisifolia L. | Common Ragweed |
| Ambrosia trifida L. | Giant Ragweed |
| Antennaria plantaginifolia (L.) Hook | Pussytoes |
| Erigeron canadensis L. | Horseweed |
| Eupatorium rugosum Houtt. | White Snakeroot |
| Eupatorium altissimum L. | Tall Boneset |
| Solidago ulmifolia Muhl. | Elm-leaved goldenrod |
| **Cyperaceae** | |
| Carex spp. (unidentified) | |
| **Onagraceae** | |
| Gaura biennis L. | Biennial Gaura |
| " " forma alba | " " |
| Oenothera biennis L. | Common Evening Primrose |
| **Plantginaceae** | |
| Plantago lanceolata L. | Buckhorn Plantain |
| Plantago rugelii Dec. | Common Plantain |
| **Ranunculaceae** | |
| Thalictrum dasycarpum Fisch & Lall | Purplish Meadow Rue |

| | |
|---|---|
| **Rosaceae** | |
| *Fragaria virginiana* Duch. | Wild Strawberry |
| *Prunus serotina* Ehrh. | Wild Black Cherry |
| **Rutaceae** | |
| *Ptelea trifoliata* L. | Wafer Ash |
| **Ulmaceae** | |
| *Celtis occidentalis* L. | Hackberry |
| *Ulmus rubra* Muhl. | Slippery Elm |
| **Xyridaceae** | |
| *Tradescantia ohiensis* Raf. | Ohio Spiderwort |

Ill. Native Plant Soc.
Irene Cull Chapter
P. O. Box 342
Cuba, IL 61427
Primary identification by G. M. Kuzniar
(08/29/90 List also)