

# **Wildlife Preservation Grant 00-067**

## **Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263

**June 1999 through June 2000**

After the massive removal of weedy invasive trees and brush material at Glen Rowan House and other locations (honeysuckle, buckthorn, black locust, Norway maple and box elder) from May 1998 through January of 1999, the project shifted its efforts to weed control (including resprouts of the above, garlic mustard, Canada thistle and goutweed). Extensive herbiciding of these plants with diluted (2.0% to 4.0%) Roundup removed a majority of them. Once the ground was suitable for planting, several hundred native understory plants (wild geranium, Pennsylvania sedge, trout lily, Solomon seal, false Solomon seal, golden Alexander, bergamot, cup plant, maiden hair fern, shooting star, wild ginger, sharp-lobed hepatica, as well as others were planted.

In addition, oaks grown from seed, hazelnut 3' - 4' tall (approximately 30) were planted to add diversity. Several thousand dollars worth of seed was collected and/or purchased and sowed into the prepared areas along the ravine edge and in the ravine floor (see attachments). Several groups of Boy Scouts organized by Eagle Scout candidates worked to mulch trees, remove brush and collect and sow seeds as well as other work. Controlled burns also helped to purify the ground of alien species. Members of Friends of the Ravine conducted much of the planting, seeding and burning, however, the Boy Scouts supplied hundreds of hours of work. Additional clearing of alien species was undertaken in the winter of 2000 with more scheduled to take place in late April and early May.

Expenditures did not reach the levels of 1998-1999 since substantial funds were required to purchase native oak, hickory and maple trees for non-ravine locations that had a heightened need due to unexpected losses on the Lake Forest College campus. Also in 1998-1999 total expenditures were in the \$13,000 - \$15,000 range due to the large amount of clearing, native tree planting, stump removal and other required site preparation in order to be able to plant and seed the understory as described above in the current year. Including \$3,975 in donations for trees, an additional \$3,359 was spent on native understory seeds and approximately \$700 was spent on supplies and other costs.

Budgeted expenses for June 2000 to 2001 are again in the \$5000 - 7000 range depending upon preparatory work completed as well as other strategic campus plantings required. Substantial preparatory work was completed prior to the October grant commencement date.

Overall, we feel that the ravine is an important part of the entire woodland ecosystem and is not independent. Therefore, expenditures to repair the entire woodland including the purchase and planting of native flowers, grasses, bushes and trees away from the ravine edge add to the overall vitality of the entire system.

# Wildlife Preservation Grant 00-067

## Ravine Restoration Project

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263

October 1999 through June 2000

In October 1999 members of Friends of the Ravine as well as students from Lake Forest College collected native sedge and wildflower seeds along the restored ravine edge on the east side of campus. After this was completed, a controlled burn was enacted followed by a session of sowing the collected seed. A subsequent burning of the recently cleared ravine edge at Glen Rowan House was highly effective at controlling buckthorn and honeysuckle resprouts. Throughout October, extensive herbiciding of non-native plants also prepared this area for seeding collected from the healthy ravine edge that was recently restored.

Throughout the late fall and early winter November a massive seeding effort took place on the ravine edge. Over 4,000,000 purchased seeds were sown throughout this area that had been carefully prepared previously. The following grasses, sedges, rushes and forbs were specially selected for the ravine's ecosystem:

### Forbs

Marsh Marigold  
Sweet Joe Pye Weed  
Turk's Cap Lily  
Cardinal Flower  
Swamp Saxifrage  
Tall Bellflower  
Purple Coneflower  
Large-flowered Gaura  
Early Sunflower  
Foxglove Beardtongue  
Brown-eyed Susan  
Compass Plant  
Culver's Root  
Golden Alexanders  
Tall Thimbleweed

Butterfly Weed  
Prairie Alumroot  
Wild Lupine  
Prairie Phlox  
Prairie Violet  
Bishop's Cap  
Sweet Cicely  
Jacob's Ladder  
Yellow Pimpernel  
Early Meadow Rue  
Meadow Parsnip  
Virginia Bluebells  
Columbine  
Pointed-leaved Tic Trefoil  
Wild Geranium

### Grasses, Sedges & Rushes

Hairy Wood Chess  
Loose-Headed Oval Sedge  
Long-Beaked Sedge  
Beak Grass  
Silky Wild Rye PLS  
Northern Dropseed

Virginia Wild Rye PLS  
Bottlebrush Grass PLS  
Riverbank Wild Rye  
Little Bluestem PLS  
Side-Oats Grama PLS

# Wildlife Preservation Grant 00-067

## Ravine Restoration Project

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263

Other work in the fall included enclosing and winterizing of an oak seedling greenhouse, watering, mulching and planting. In January of 2000, an additional sowing of approximately 1,500,000 seeds was completed. The planting consisted of the following 18 forbs and 9 grasses:

### Forbs

Tall Thimbleweed	Wild Geranium
Big-leaved Aster	Virginia Bluebells
Hairy Wood Mint	Bishop's Cap
Tall Bellflower	Sweet Cicely
Pointed-leaved Tic Trefoil	Jacob's Ladder
Sweet Joe Pye Weed	Swamp Saxifrage
Snowy Campion	Yellow Pimpernel
Zig Zag Goldenrod	Early Meadow Rue
Elm-leaved Goldenrod	Golden Alexanders

### Grasses, Sedges & Rushes

Hairy Wood Chess	Virginia Wild Rye PLS
Loose-Headed Oval Sedge	Bottlebrush Grass PLS
Long-Beaked Sedge	Riverbank Wild Rye
Beak Grass	Wood Reed Grass
Silky Wild Rye PLS	

In the winter and spring of 2000, the Boy Scouts performed additional clearing, watering and mulching with oversight from Dennis R. Nyren. Weeding out of other invasive plants continued through this time period.

### **Results**

The grant from the Illinois Department of Natural Resources was instrumental in the purchase of seed stock for the ravine understory. Augmented by funds from Friends of the Ravine, over 5,000,000 purchased seeds were planted in addition to millions of collected seeds that were sown in this period throughout the ravine. The result of our project to date is an improved health of the landscape and ecosystem. By removing sun-robbing alien brush from the ravine edges, more light is now able to penetrate into the ravines. With the removal of invasive and alien ground covers, the soil is now better able to receive the native understory seed that can germinate without competition from these overbearing plants. The sown seeds germinated in the Spring of 2000, however, it will be two or three years before we see the development of these plants to the point that they will flower and provide additional seed. The (re)introduction of these plants will continue to restore the overall balance and diversity of the ecology of the ravine. We will continue to rid the ravine edge of any remnant alien species through continued burning, weeding and mowing as appropriate. Seed collection and purchases have augmented our

**Wildlife Preservation Grant 00-067**

**Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263

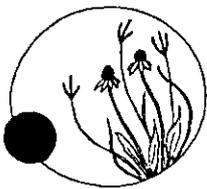
efforts to date and together with additional plant purchases and transplants we will eventually create a rich mosaic of understory grasses, flowers and sedges. Additionally, continued planting of native shrubs and trees will continue to recreate the presettlement conditions of the ravine edge and add to its stability and durability.

**Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263

**Volunteer Hour Calculation  
October 1999 – June 2000**

<b>Eagle Scout Projects</b>		
<b>Personnel</b>	<b>Time Donated</b>	
Mark Tenpas 3 sessions x 4 Scouts and/or parents @ 4 hours each	48 hours	Wood-chipping, watering, weeding, seeding, enclosing wintering over greenhouse (oak nursery)
Brendan Selby 1 winter session x 5 Scouts @ 4 hours each	20 hours	Brush removal
April session 1 session x 5 Scouts @ 4 hours each	20 hours	Weeding and brush removal
May session 1 session x 5 Scouts @ 4 hours each	20 hours	Weeding, wood-chipping, watering, brush removal
<b>Total Eagle Scout Projects</b>	<b>108 hours</b>	
<b>Other Volunteers</b>		
Dennis R. Nyren 8 sessions @ 6 hours each	48 hours	Watering, weeding, herbicide, seeding, brush removal, wood chipping and overseeing Boy Scouts, students and faculty
Dr. Benjamin Golluboff 3 sessions @ 4 hours each	12 hours	Seed collection, burning, weeding, brush removal, watering, wood chipping
Dr. Jeffrey Sundberg 3 sessions @ 4 hours each	12 hours	
Dr. Kenneth Weik 1 session @ 4 hours	4 hours	
Dr. Steven Galovich 1 session @ 4 hours	4 hours	
Lake Forest College students 2 sessions x 12 students @ 4 hours each	96 hours	
<b>Total Other Volunteers</b>	<b>176 hours</b>	
<b>TOTAL VOLUNTEERS</b>	<b>284 hours</b>	



Prairie Moon Nursery  
 Route 3 Box 163  
 Winona, MN 55987  
 Phone: 507 452-1362  
 Fax: 507 454-5238

# INVOICE

#00-33

S

Customer #: NYREN60045  
 Ship via: UPS  
 Terms: NET 30  
 P.O. #:  
 Credit card

Date: 01/06/2000  
 Ship Date: 01/11/2000  
 Desired Arrival Date: ASAP

Ship to:  
**DENNIS NYREN**  
**283 W LAUREL**  
**LAKE FOREST, IL 60045**

Bill to:  
**DENNIS NYREN**  
**283 W LAUREL**  
**LAKE FOREST, IL 60045**

Day: 312 422-8500  
 Evening: 847 295-7456  
 Fax: 312 422-0201

Subst.  
 Dup.  
 Refund

Lot #	Ordered	Shipped	Unit	Cat. #	Description		
	1	1	LB	M G075	1/2 ACRE WOODLAND	872.85	872.85

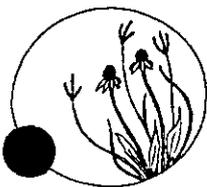
THANK YOU!

*by credit card  
1-31-00*  
**PAID**

PLANTS	SEEDS	SHIPPING & HANDLING *	POSTPAID ITEMS	SALES TAX	TOTAL AMOUNT	PAYMENT RECEIVED	BALANCE DUE
0.00	872.85	30.00	0.00	0.00	902.85	0.00	<b>\$902.85</b>

PLEASE NOTE: Shipping & Handling = 15% on Plants (minimum charge \$4.50) & 5% on Seeds (minimum charge \$3.00).  
 Accounts not paid in full within 30 days of the ship date will have monthly finance charges added at a rate of 1.5%





Prairie Moon Nursery  
 Route 3 Box 163  
 Winona, MN 55987  
 Phone: 507 452-1362  
 Fax: 507 454-5238

# INVOICE

#99-2465

S

Customer #: NYREN60602  
 Ship via: UPS  
 Terms: CREDIT CARD  
 P.O. #:  
 Credit card

Date: 11/05/1999  
 Ship Date: 11/24/1999  
 Desired Arrival Date:

Ship to:  
**DENNIS NYREN**  
**740 BROADSMOORE DR**  
**LAKE FOREST, IL 60045**

Bill to:  
 DENNIS NYREN  
 LASALLE REALTY & MORTGAGE CO  
 111 W WASHINGTON  
 SUITE 850  
 CHICAGO, IL 60602

Day: 847 295-7456

Evening:

Fax:

Subst.  
 Dup.  
 Refund

Lot #	Ordered	Shipped	Unit	Cat. #	Description		
	1	1	MIX	M CUSTOM	20,000 SQ FT GRASSY AREA	273.00	273.00
	1	1	MIX	M G075	1 ACRE WOODLAND	1812.50	1812.50
	1	1	MIX	M CUSTOM	CUSTOM SEED MIX	215.10	215.10
	1	1	MIX	M CUSTOM	CREEKSID MIX	139.00	139.00

THANK YOU!

Credit Card: M 5230 0220 1002 2718

Exp. 5/01

PLANTS	SEEDS	SHIPPING & HANDLING *	POSTPAID ITEMS	SALES TAX	TOTAL AMOUNT	PAYMENT RECEIVED	CREDIT
0.00	2439.60	16.00	0.00	0.00	2455.60	2455.60	\$0.00

PLEASE NOTE: Shipping & Handling = 15% on Plants (minimum charge \$4.50) & 5% on Seeds (minimum charge \$3.00).

Accounts not paid in full within 30 days of the ship date will have monthly finance charges added at a rate of 1.5%

## CREEKSIDE MIX

24-November-1999

Order # 99-2465 S

Customer # NYREN60602

Page 1

### Seed Mix: CUSTOM SEED MIX

**FORBS**

<u>Lot #</u>	<u>Description</u>	<u>% by wt</u>	<u>Grams</u>	<u>Qty Unit</u>	<u>Price</u>	<u># Seeds</u>	<u>Comment</u>
CL740E	Caltha palustris (Marsh Marigold)	5.26	14.1800	0.5000 OZ	32.50	13,000	
CL301E	Eupatorium purpureum (Sweet Joe Pye Weed)	5.26	14.1800	0.5000 OZ	10.00	21,000	
ZB1489A	Lilium michiganense (Turk's Cap Lily)	10.53	28.3600	1.0000 OZ	40.00	10,000	
DW149E	Lobelia cardinalis (Cardinal Flower)	5.26	14.1800	0.5000 OZ	25.00	200,000	
S597S	Napaea dioica (Glade Mallow)	10.53	28.3600	1.0000 OZ	10.00	5,300	
S1071A	Saxifraga pensylvanica (Swamp Saxifrage)	5.26	14.1800	0.5000 OZ	10.00	200,000	
<b>Totals for FORBS :</b>		42.11%		4.0000 OZ 0.2500 LB	\$127.50	# 449,300	

**GRASSES, SEDGES & RUSHES**

<u>Lot #</u>	<u>Description</u>	<u>% by wt</u>	<u>Grams</u>	<u>Qty Unit</u>	<u>Price</u>	<u># Seeds</u>	<u>Comment</u>
CM308S81 GN144S19	Elymus riparius (Riverbank Wild Rye)	15.79	42.5400	1.5000 OZ	9.00	4,350	
PM459E	Elymus virginicus (Virginia Wild Rye PLS)	42.11	113.4400	4.0000 OZ	2.50	16,800	
<b>Totals for GRASSES, SEDGES &amp; RU</b>		57.89%		5.5000 OZ 0.3438 LB	\$11.50	# 21,150	
<b>Totals for CUSTOM:</b>		100.00%		9.5000 OZ 0.5938 LB	\$139.00	# 470,450	



# CUSTOM SEED MIX

24-November-1999

Order #99-2465 S

Customer # NYREN60602

Page 1

## Seed Mix: CUSTOM SEED MIX

### FORBS

<u>Lot #</u>	<u>Description</u>	<u>% by wt</u>	<u>Grams</u>	<u>Qty Unit</u>	<u>Price</u>	<u># Seeds</u>	<u>Comment</u>
PM557T	Asclepias tuberosa (Butterfly Weed)	19.37	113.4400	4.0000 OZ	80.00	17,200	
ZK1094E	Heuchera richardsonii (Prairie Alumroot)	1.60	9.3588	0.3300 OZ	13.20	231,000	
MK693E	Lupinus perennis (Wild Lupine)	1.60	9.3588	0.3300 OZ	6.60	363	
WF276E	Phlox pilosa (Prairie Phlox)	1.60	9.3588	0.3300 OZ	33.00	6,270	
AS270E	Viola pedatifida (Prairie Violet)	1.60	9.3588	0.3300 OZ	16.50	9,240	

<b>Totals for FORBS :</b>	25.76%	5.3200 OZ	\$149.30 # 264,073
		0.3325 LB	

### GRASSES, SEDGES & RUSHES

<u>Lot #</u>	<u>Description</u>	<u>% by wt</u>	<u>Grams</u>	<u>Qty Unit</u>	<u>Price</u>	<u># Seeds</u>	<u>Comment</u>
PM458E	Andropogon scoparius (Little Bluestem PLS)	24.21	141.8000	5.0000 OZ	6.25	75,000	
PM457E	Bouteloua curtipendula (Side-Oats Grama PLS)	24.21	141.8000	5.0000 OZ	6.25	30,000	
PM351E	Sporobolus heterolepis (Northern Dropseed)	25.81	151.1588	5.3300 OZ	53.30	85,280	

<b>Totals for GRASSES, SEDGES &amp; RU</b>	74.24%	15.3300 OZ	\$65.80 # 190,280
		0.9581 LB	
<b>Totals for CUSTOM:</b>	100.00%	20.6500 OZ	\$215.10 # 454,353
		1.2906 LB	



Landscape Architecture

Natural Areas Management



P. CLIFFORD  
MILLER  
INC.

## 2<sup>nd</sup> INVOICE

December 20, 1999

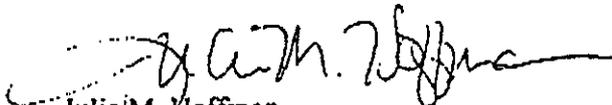
Ms. Lori Sundberg  
Controller  
Lake Forest College  
555 N. Sheridan Road  
Lake Forest, IL 60045

### Supply and plant

- 1 White Oak 2.5"
- 2 Chinkapin Oak 2.5"
- 1 English Oak 9' clump
- 1 Burr Oak 3"
- 1 California White Oak 2.5"
- 1 Chinkapin Oak 3"
- 1 Red Oak 2.5"
- 1 Sugar Maple 3"
- 1 Chinkapin Oak 2.25"

Total for trees:	\$ 7,250.00
Supplemental watering, October 30	\$ 200.00
Tree removals	\$ 250.00
Total	\$ 7,700.00
Less amount received from David Schump	(\$ 2,175.00)
<b>Total now due:</b>	<b>\$ 5,525.00 *</b>

Thank you.

  
Julie M. Hoffman  
Office Manager

*\* This bill was paid in full from LFC Tree Fund as well as \$1,000 from Jean & John Green and \$500 from the class of 1999.*

Design, Construction and Maintenance of Fine Gardens



11 N. Skokie Highway, Suite 200  
tel 847-234-6664

Lake Bluff, Illinois 60044  
fax 847-234-6787

5892635

David Nyren  
523007101-22718

S/41 X

56006115  
PRAIRIE MOON NURSERY  
WINONA, MN

QUAN.	CLASS	DESCRIPTION	PRICE	AMOUNT
		APPL		902.85
DATE		AUTHORIZATION		SUB TOTAL
1-31-10		031842		902.85
REFERENCE NO.			REG/DEPT.	TAX
FOLIO/CHECK NO.			SERVER	CLERK
			TIPS	MISC.
<b>SALES SLIP</b>				<b>TOTAL</b> 902.85

CUSTOMER COPY

PURCHASER SIGN HERE

X

Cardholder acknowledges receipt of goods and/or services in the amount of the Total shown hereon and agrees to perform the obligations set forth in the Cardholder's agreement with the Issuer.

IMPORTANT: RETAIN THIS COPY FOR YOUR RECORDS.

5892591

David Nyren  
523002101-022718

S/41 X

56006115  
PRAIRIE MOON NURSERY  
WINONA, MN

QUAN.	CLASS	DESCRIPTION	PRICE	AMOUNT
		APPL		2458.60
DATE		AUTHORIZATION		SUB TOTAL
1/24/10		0327011		2458.60
REFERENCE NO.			REG/DEPT.	TAX
FOLIO/CHECK NO.			SERVER	CLERK
			TIPS	MISC.
<b>SALES SLIP</b>				<b>TOTAL</b> 2458.60

CUSTOMER COPY

PURCHASER SIGN HERE

X

Cardholder acknowledges receipt of goods and/or services in the amount of the Total shown hereon and agrees to perform the obligations set forth in the Cardholder's agreement with the Issuer.

IMPORTANT: RETAIN THIS COPY FOR YOUR RECORDS.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



Ravine Edge before removal of buckthorn and honeysuckle

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



Ravine Edge before removal of buckthorn and honeysuckle

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



Ravine Edge before removal of buckthorn and honeysuckle

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



**FROM A DISTANCE:**

Ravine Edge after removal of honeysuckle, buckthorn and other invasive plants.  
Evidence of replanting of native tree and bush species. Reseeding of native understory  
plants.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



**FROM A DISTANCE:**  
Ravine Edge after removal of honeysuckle, buckthorn and other invasive plants. Evidence of replanting of native tree and bush species. Reseeding of native understory plants.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263

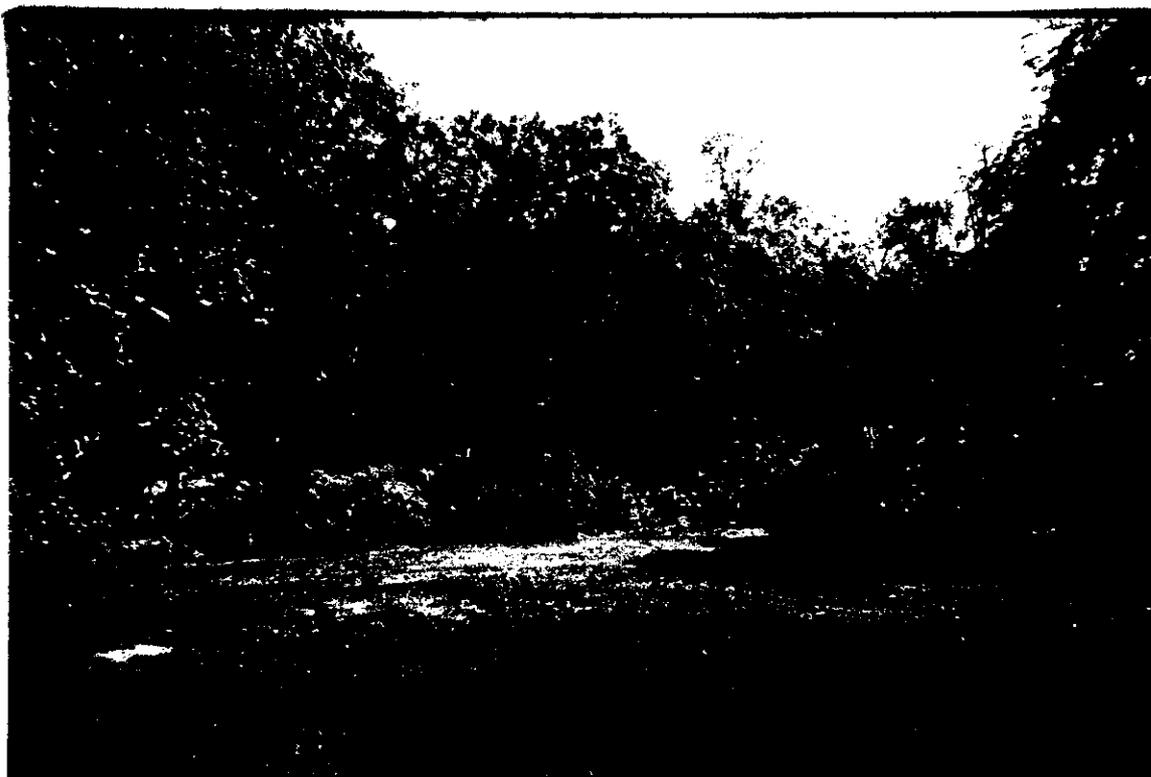


**FROM A DISTANCE:**

Ravine Edge after removal of honeysuckle, buckthorn and other invasive plants. Evidence of replanting of native tree and bush species. Reseeding of native understory plants.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



**FROM A DISTANCE:**

Ravine Edge after removal of honeysuckle, buckthorn and other invasive plants.  
Evidence of replanting of native tree and bush species. Reseeding of native understory  
plants.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



**FROM A DISTANCE:**

Ravine Edge after removal of honeysuckle, buckthorn and other invasive plants.  
Evidence of replanting of native tree and bush species. Reseeding of native understory  
plants.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



**CLOSE-UP VIEW:**

Ravine Edge after removal of honeysuckle, buckthorn and other invasive plants.  
Evidence of replanting of native tree and bush species. Reseeding of native understory plants.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



**CLOSE-UP VIEW:**

Ravine Edge after removal of honeysuckle, buckthorn and other invasive plants.  
Evidence of replanting of native tree and bush species. Reseeding of native understory  
plants.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



**CLOSE-UP VIEW:**

Ravine Edge after removal of honeysuckle, buckthorn and other invasive plants.  
Evidence of replanting of native tree and bush species. Reseeding of native understory  
plants.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



**CLOSE-UP VIEW:**

Ravine Edge after removal of honeysuckle, buckthorn and other invasive plants.  
Evidence of replanting of native tree and bush species. Reseeding of native understory  
plants.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



**CLOSE-UP VIEW:**

Ravine Edge after removal of honeysuckle, buckthorn and other invasive plants.  
Evidence of replanting of native tree and bush species. Reseeding of native understory plants.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



**CLOSE-UP VIEW:**

Ravine Edge after removal of honeysuckle, buckthorn and other invasive plants. Evidence of replanting of native tree and bush species. Reseeding of native understory plants.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263

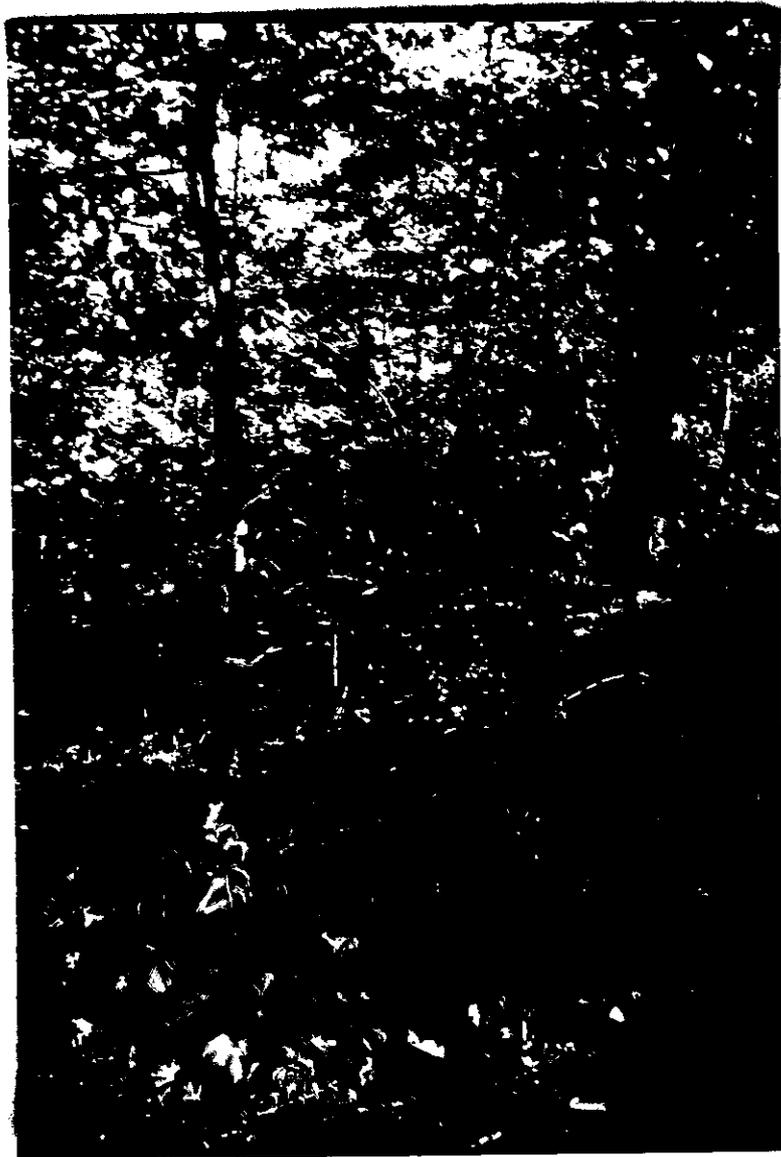


**CLOSE-UP VIEW:**

Ravine Edge after removal of honeysuckle, buckthorn and other invasive plants.  
Evidence of replanting of native tree and bush species. Reseeding of native understory  
plants.

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

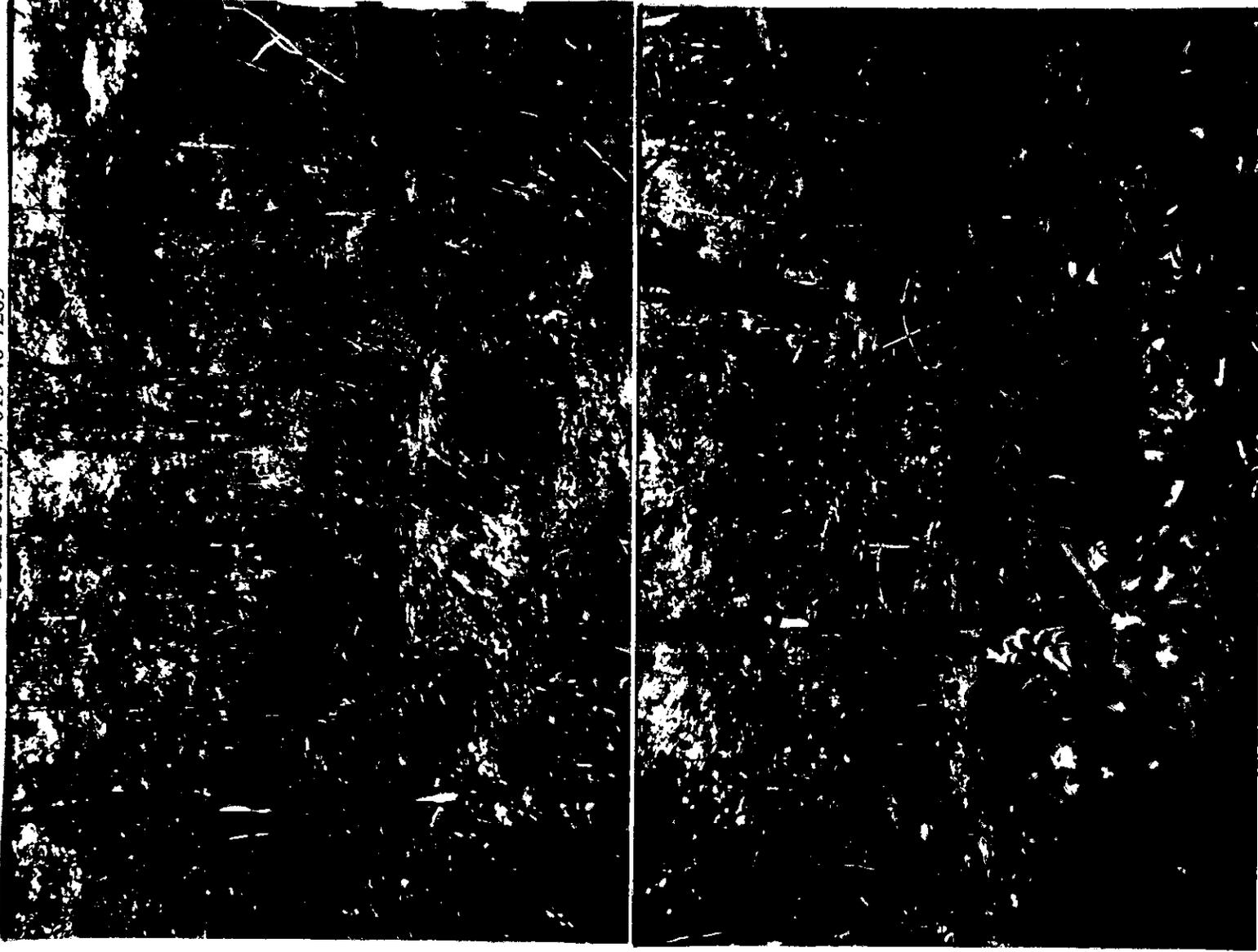
Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



Ravine Edge behind Johnson Science Center  
Five years after initial restoration and reseeded

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



Ravine Edge behind Johnson Science Center  
Five years after initial restoration and reseeding

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



Ravine Edge behind Johnson Science Center  
Five years after initial restoration and reseedling

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



Ravine Edge behind Johnson Science Center  
Five years after initial restoration and reseedling

**State of Illinois, Department of Natural Resources  
Wildlife Preservation Grant 00-067  
Ravine Restoration Project**

Dennis R. Nyren  
283 West Laurel Avenue  
Lake Forest, Illinois 60045  
Social Security# 013-40-7263



Ravine Edge behind Johnson Science Center  
Five years after initial restoration and reseedling

