

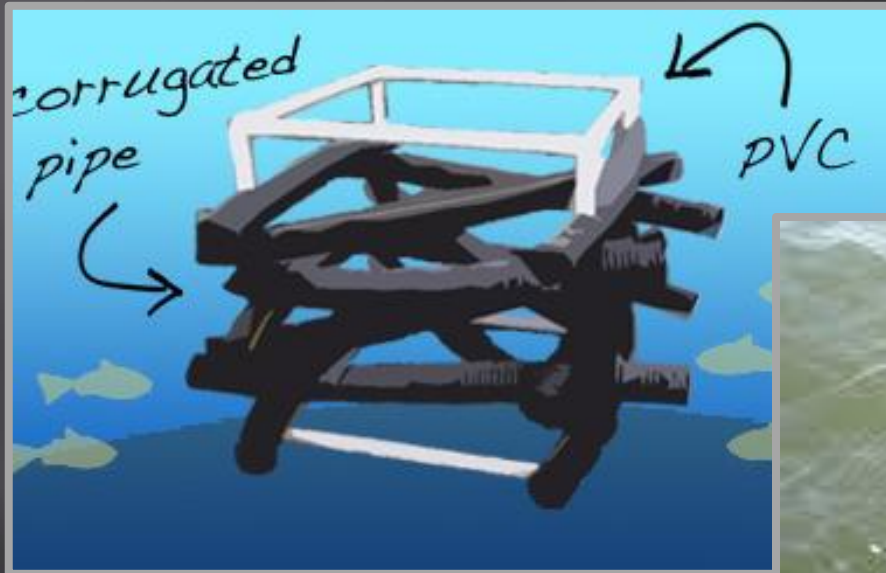
**HUMBLE  
BEGINNINGS:  
LAKE SHELBYVILLE  
FISH HABITAT  
ALLIANCE**

**“Occasions are rare;  
and those,  
who know how to  
seize upon them,  
are rarer.”**

**Josh Billings**

# Humble Beginnings

## Georgia Cube

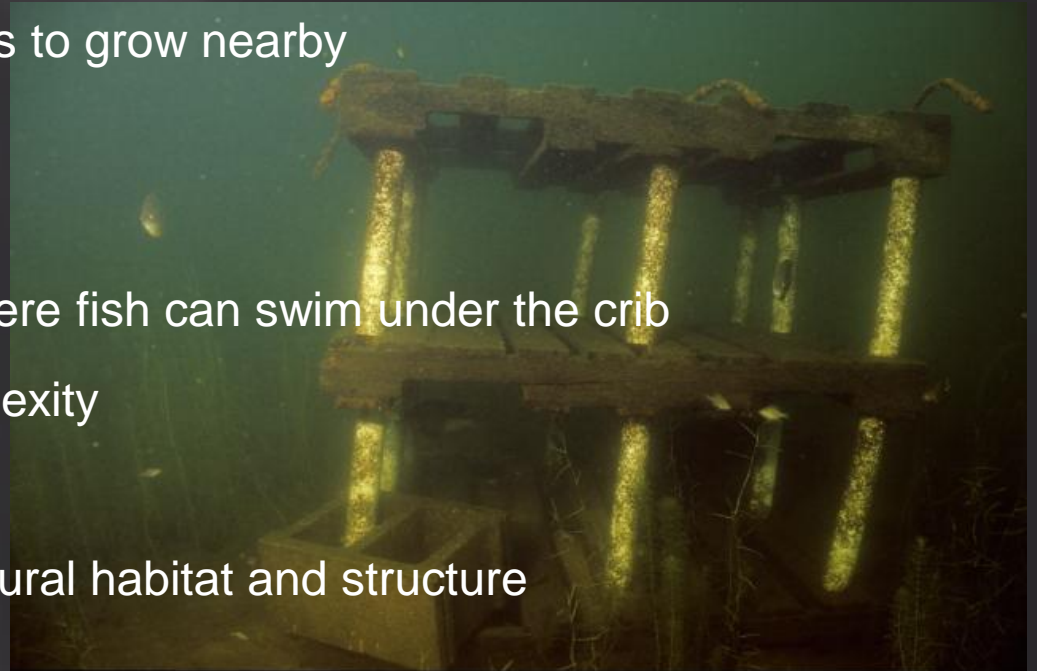


# Humble Beginnings

## Engbretson Underwater Photography

### Traits of Ineffective Cribs

- .They sit in water that's too deep (or too shallow if the water's too warm for fish)
- .They sit too deep to receive ample sunlight and support organic growth
- .They are in water too deep for plants to grow nearby
- .They sit on a mucky bottom
- .They are less than four feet high
- .They have no space at the base where fish can swim under the crib
- .They have a design of limited complexity
- .They are placed alone
- .They are in lakes with abundant natural habitat and structure

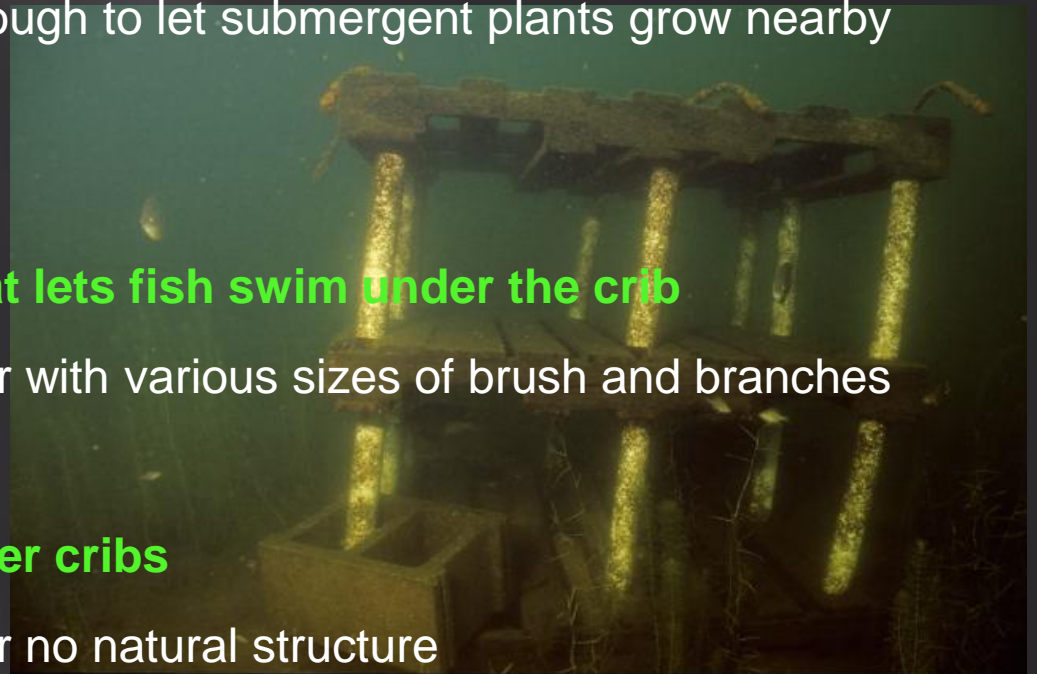


# Humble Beginnings

## Engbretson Underwater Photography

### Traits of Effective Cribs

- They reside in relatively shallow water (10 to 15 feet)
- They receive ample sunlight and they support algae and other organic growth
- They are in water that is shallow enough to let submergent plants grow nearby
- They sit on a hard bottom
- **They are at least four feet high**
- **They have a space at the base that lets fish swim under the crib**
- They are thickly packed in the center with various sizes of brush and branches
- **They have a complex design**
- **They are placed together with other cribs**
- They are in lakes that contain little or no natural structure

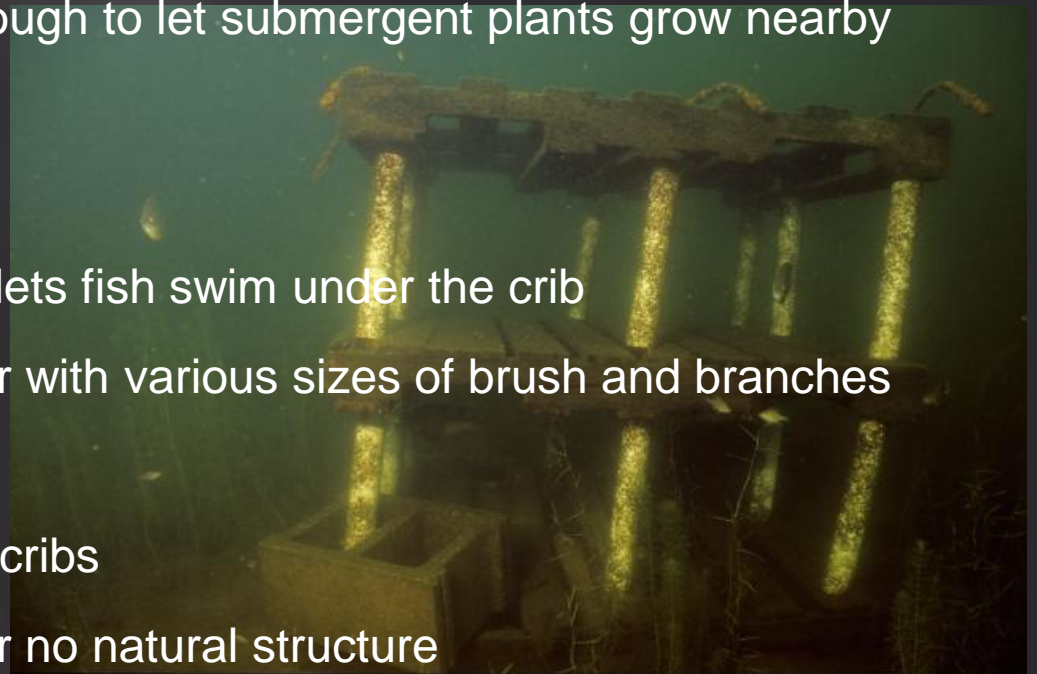


# Humble Beginnings

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# Humble Beginnings

Fall 2016



Fall 2017



465 - Dec. '18

# Humble Beginnings

November, 19<sup>th</sup>, 2016





# Enter: LAKE SHELBYVILLE FISH HABITAT ALLIANCE (LSFHA)



**Generated ~9 FOR's Chapters**

# In-Kind and Cash Donors

USACE Lake Shelbyville Project

Living Lands & Waters -

Cargill, Tuscola Illinois Plant -

Mark Witt, GCI -

Ace Hardware -Sullivan/Shelbyville - Kurt Vanduresen

Small Cash Donation Jars

Chips' Marine

Central Illinois Crappie Club

Illinois Muskie Tournament Trail

IDNR - Fisheries

R.D. Cox Masonry

Bob Long

Springfield Crappie Club

Lake Shelbyville Muskie Club

Chicagoland Muskie Club

Angler's Choice Tournament Trail

Sixteen Marine

VFW Post 6410

VFW Auxilary

Illini Muskies Alliance

Shawnee Muskie Hunters

Druby's Restuarant

Rosatti's

Sullivan Marina

Sullivan VFW

Robert Kerans

John Carr (200' 4" Field Tile)

Crappie Camp

J.P. Construction

Don Rathje

Robert Pettis

Leprechaun Landing Bait Shop & Store

Coon Creek RV Park and Resort

Shelby County State Bank

Central Illinois Sportsmen for Outdoor Accessibility

Doug Williams

Presicion Builders

Kirby Foods

One Stop

EK Petroleum

Sullivan Chamber of Commerce

Champaign County Bassmasters

Michael Sanders

East Side Marine

Pana Bait

Hild Landscaping (snow fence)

Hoene Field Tile

JCG Midwest

**\$5K**

# \$2,708,735 of In-Kind Services and Cash Donations!!!

Categories	Partner Contribution Amount	Cash or In-Kind	Timeline (anticipated date of expenditures)
RESERVOIR FISHERIES HABITAT PARTNERSHIP Administrative/Technical Services	0		
Construction Costs/Materials 267-188 Shelbyville Cubes/-\$60-85 ea.	16,000 cash		6/2018-12/2019
125-77 Georgia Cubes/-\$40-65 ea.	5,000 cash		6/2018-12/2019
20 Rock Piles - \$40/ton*2 tons/pile	1,600 cash		6/2018-12/2019
Placement	0		
Aquatic Plant Nursery 3 Tanks + shipping	950 cash		6/2018-12/2019
~750 Pots + shipping	500 cash		6/2018-12/2019
Aquatic Plant Enclosures ~3,000' fencing + shipping	5,950 cash		6/2018-12/2019
Labor (paid)	0		
Labor (volunteer)	0		
Miscellaneous (outreach materials)	0		
Illinois Natural History Survey Administrative/Technical Services	0		
Construction Costs/Materials	0		
Labor (paid)	0		
Labor (volunteer)	0		
Monitor Fish Use of Habitat/Attractions - Placement Committee Meeting	360 In kind		7/17
5 people*3 hrs.*\$24			
Placement Committee Meeting	144 In kind	2*3*24	9/17
Placement Committee Meeting	144 In kind	2*3*24	3/18
Monitor Fish use of Habitat vs. control areas	14,400 In kind	4*150*24	7/17-12/23
Miscellaneous (outreach materials)	0		
U.S. ARMY CORPS OF ENGINEERS Administrative/Technical Services	0		
Construction Costs/Materials U.S. Army Corps of Engineers - 420 Porcupine balls fish attractors	8,400 cash		12-17
U.S. Army Corps of Engineers - 1st Build - cube materials	2,000 cash		'16
U.S. Army Corps of Engineers - 18,210 Tons Rip-Rap	728,400 cash		17-18
U.S. Army Corps of Engineers - 45,525 Tons Rip-Rap	1,821,000 cash		07-17
U.S. Army Corps of Engineers - Pools, Pots, Aquatic Plant Nursery	1,200 cash		'17
U.S. Army Corps of Engineers - PVC pipe & joints	4,500 cash		17-18
Labor (paid) USACE & IDNR - Phragmites Control	720 In kind	3*10 hrs.*24	7-8/'14
U.S. Army Corps of Engineers - Annual Habitat Project	864 In kind	6*6 hrs.*24	3/16
U.S. Army Corps of Engineers - Annual Habitat Project	864 In kind	6*6 hrs.*24	3/17
U.S. Army Corps of Engineers - Aquatic Plant Nursery Planning & Set Up	240 In kind	10 hrs.*24	4/17
U.S. Army Corps of Engineers - Collect Plants - Plant Nursery Pools	480 In kind	2*10 hrs.*24	4-6/17

Labor (volunteer)			
Volunteers Annual Habitat Project	7,920 In kind	110*4hrs*18	3/16
Volunteers Annual Habitat Project (YOUTH)	400 In kind	10*4 hrs.10	3/16
Volunteers Annual Habitat Project	11,880 In kind	165*4hrs*18	3/17
Volunteers Annual Habitat Project (YOUTH)	600 In kind	15*4 hrs.*10	3/17
Volunteers Annual Habitat Project (YOUTH)			3/18
Volunteers Annual Habitat Project (YOUTH)			3/18
Dawson Boys - Eagle Scout (YOUTH) - Aquatic Plant Nursery Planning & Set Up	150 In kind	15 hrs.*10	14/17
Boys Scouts Troop 51 (YOUTH) - Collect Plants - Plant Nursery Pools	800 In kind	8*10hrs.*10	4/17
Boys Scouts Troop 51 (PARENTS) - Collect Plants - Plant Nursery Pools	1,080 In kind	6*10hrs.*18	4/17
Miscellaneous (outreach materials) Facebook Account (Lake Shelbyville, U.S. Army Corps of Engineers)	0 cash		? - no end
ILLINOIS DEPT. OF NATURAL RESOURCES Administrative/Technical Services	0		
Construction Costs/Materials Illinois Dept. of Natural Resources - 2nd build - PVC pipe joints	500 cash		3/17
Illinois Dept. of Natural Resources - Emergent Planting - Plant purchase	300 cash		7-8/14
Labor (paid) IDNR (non-federal aid) - Professional Consultation	1,488 In kind	62 hrs.*24	1-8/17
Illinois Dept. of Natural Resources - Emergent Aquatic Plant Planting	1,152 In kind	2*24 hrs.*24	7-8/14
IDNR & USACE - Coontial Planting in Lake	684 In kind	3*9 hrs.*24	7/16
Illinois Dept. of Natural Resources - Phragmites Control	768 In kind	2*16 hrs.*24	7-8/14
Illinois Dept. of Natural Resources - Volunteers Annual Habitat Project	576 In kind	4*6 hrs.*24	3/16
Illinois Dept. of Natural Resources - Volunteers Annual Habitat Project	576 In kind	4*6 hrs.*24	3/17
Illinois Dept. of Natural Resources - Aquatic Plant Nursery Planning & Set Up	96 In kind	4 hrs.*24	14/17
Illinois Dept. of Natural Resources - Collect Plants - Plant Nursery Pools	300 In kind	12.5 hrs.*24	44/17
Illinois Dept. of Natural Resources - Annual Fish Population Surveys and analysis	11,520 In kind	10*48hrs*24	9/17-9/20+
Labor (volunteer) Bruce Sanders - Fishing Guide - Planting/Aquatic Plants in Lake	175 In kind	7.5 hrs.*18	7/14
Miscellaneous (outreach materials) Facebook Account (IDNR)	0 cash		? - no end
Facebook Account (Bishillinois)	0 cash		? - no end
Lake Shelbyville Fish Habitat Alliance (LSHA) Administrative/Technical Services			
Martin "Chip" Christensen - Organization, Ordering, Planning, PR, etc.	2,520 In kind	140 hrs.*18	16-17
April Stephens - PR, Ordering	270 In kind	15 hrs.*18	'17
Robert Kerans - Organization, Fund Raising	990 In kind	55 hrs.*18	16-17
Richard Glazebrook - Fund Raising	180 In kind	10 hrs.*18	'17
Construction Costs/Materials Chip's Marine - Photo-type, replicas, materials, glue, etc.	600 In kind		16-17
Cargill, Tuscola Illinois Plant - 200' - 24" plastic culvert - double wall	3,390 In kind		'17
Cargill, Tuscola Illinois Plant - 600' - 6" corrugated drain tile	840 In kind		'17
Cargill, Tuscola Illinois Plant - 700' - 5" corrugated drain tile	763 In kind		'17
Mark Witt, GCI - 1,300' 4" corrugated drain tile	2,700 In kind		'17
Acei Hardware/Sullivan - Kurt Vandusen - 1,300' 1-1/2" PVC pipe	1,300 In kind		'16

Robert Kerans - Printing and Postage	160 In kind		16-17
Heene Field Tile	In kind		'17
JCG McHovee	In kind		'17
R.D. Cox Masonry - 1250 bricks, delivery	450 In kind		'17
Living Lands & Waters	5,000 cash		'17
Illinois Muskie Tournament Trail	500 cash		'17
Lake Shelbyville Muskie Club	250 cash		'17
Chicagoand Muskie Club	250 cash		'17
Central Illinois Crappie Club	250 cash		'17
Springfield Crappie Club	200 cash		'17
Bob Long	300 cash		'17
Illini Muskies Alliance	200 cash		'17
Shawnee Muskie Hunters	200 cash		'17
Druby's Restaurant	250 cash		'17
Crappie Camp	150 cash		'17
JF Construction	125 cash		'17
Don Rathje	100 cash		'17
Robert Pettis	100 cash		'17
Leprechaun Landing Bait Shop & Store	100 cash		'17
Coon Creek RV Park and Resort	100 cash		'17
Champaign County Bassmasters	75 cash		'17
Michael Sanders	50 cash		'17
East Side Marine - Springfield	50 cash		'17
Angler's Choice Tournament Trail	250 cash		'17
"Howie's/Rosatti's"	200 cash		'17
Sullivan Marina	200 cash		'17
Shelby County State Bank	100 cash		'17
Central Illinois Sportsmen for Outdoor Accessibility	100 cash		'17
Pana Bait	50 cash		'17
Doug Williams	100 cash		'17
Precision Builders	100 cash		'17
Kirby Foods	100 cash		'17
Sullivan Chamber of Commerce	100 cash		'17
EK Petroleum	100 cash		'17
One Stop in Findlay	100 cash		'17
Sixteen Marine	250 cash		'17
Small Cash Donations Jar	700 cash		16-17
Central Illinois Crappie Club	500 cash		'18
VFW Post 6410	200 cash		'18
VFW Auxiliary	200 cash		'18
Lake Sara Marine Fishing Show Donations	50 cash		'18
Central Illinois Outdoor Expo Donations	100 cash		'18
Springfield Crappie Club	200 cash		'18
Small Cash Donations Jar	300 cash		'18
Mark Whitt GCI (1,700 ft 4" tile)	1,309 In kind		'18
Schee's Fishing Show Donations	65 cash		'18
John Carr (200' 4" Field Tile)	154 In kind		'18
Hild Landscaping (snow fence)	25 In kind		'18
Labor (paid)	0		
Labor (volunteer) Frank Revell - Cut PVC Pipe	720 In kind	40 hrs.*18	'17
Volunteers - 1st cube build	2,272 In kind	22*7 hrs.*18	11/16
Volunteers - 2nd cube build	4,032 In kind	32*7 hrs*18	2/17
Volunteers - 2nd cube build (YOUTH)	140 In kind	2*7 hrs*18	2/17
Volunteers - 3rd cube build	3,456 In kind	24*8 hrs*18	7/17
Volunteers - 3rd cube build (YOUTH)	240 In kind	3*8 hrs*10	7/17
Volunteers - 4th cube build	3,600 In kind	25*8 hrs*18	9/17
Volunteers - 4th cube build (YOUTH)	640 In kind	8*8 hrs*10	9/17
Volunteers - 5th cube build	3,600 In kind	25*8 hrs*18	11/17
Volunteers - 5th cube build (YOUTH)	640 In kind	8*8 hrs*10	11/17
Frank Revell - Cut PVC Pipe	In kind	40 hrs.*18	3/18
Volunteers - 6th cube build	3,870 In kind	43*8 hrs*18	3/18
Volunteers - 6th cube build (YOUTH)	100 In kind	2*5 hrs*10	3/18
Placement Committee - Cube Placement Meeting	216 In kind	4*3 hrs.*18	7/17
Placement Committee - Cube Placement Meeting			
(see member list)	324 In kind	6*3*18	9/17
Placement Committee - Cube Placement Meeting	378		3/18
(see member list)	In kind	7*3*18	
5 Sigma 4" X 8" Plywood - Sponsor logos and list, education, PR	1,000 cash		6/18 - no end
Facebook Account (LSHA)	0 cash		2017 - no end
Facebook Account (Chip's Marine)	0 cash		2016 - no end
LAKE VOLUNTEER ASSOCIATION Labor (volunteer) Tax-overempt banking account management	360 In kind	20 hrs.*18	4/17-12/19
Total Direct Costs	2,708,735		

# The Evolution Continues



**Executive Committee**

Placement Committee

Financial Committee

Banquet Committee

**Adopt a Cube Program! - Lee Mitchell**

# THE PROCESS



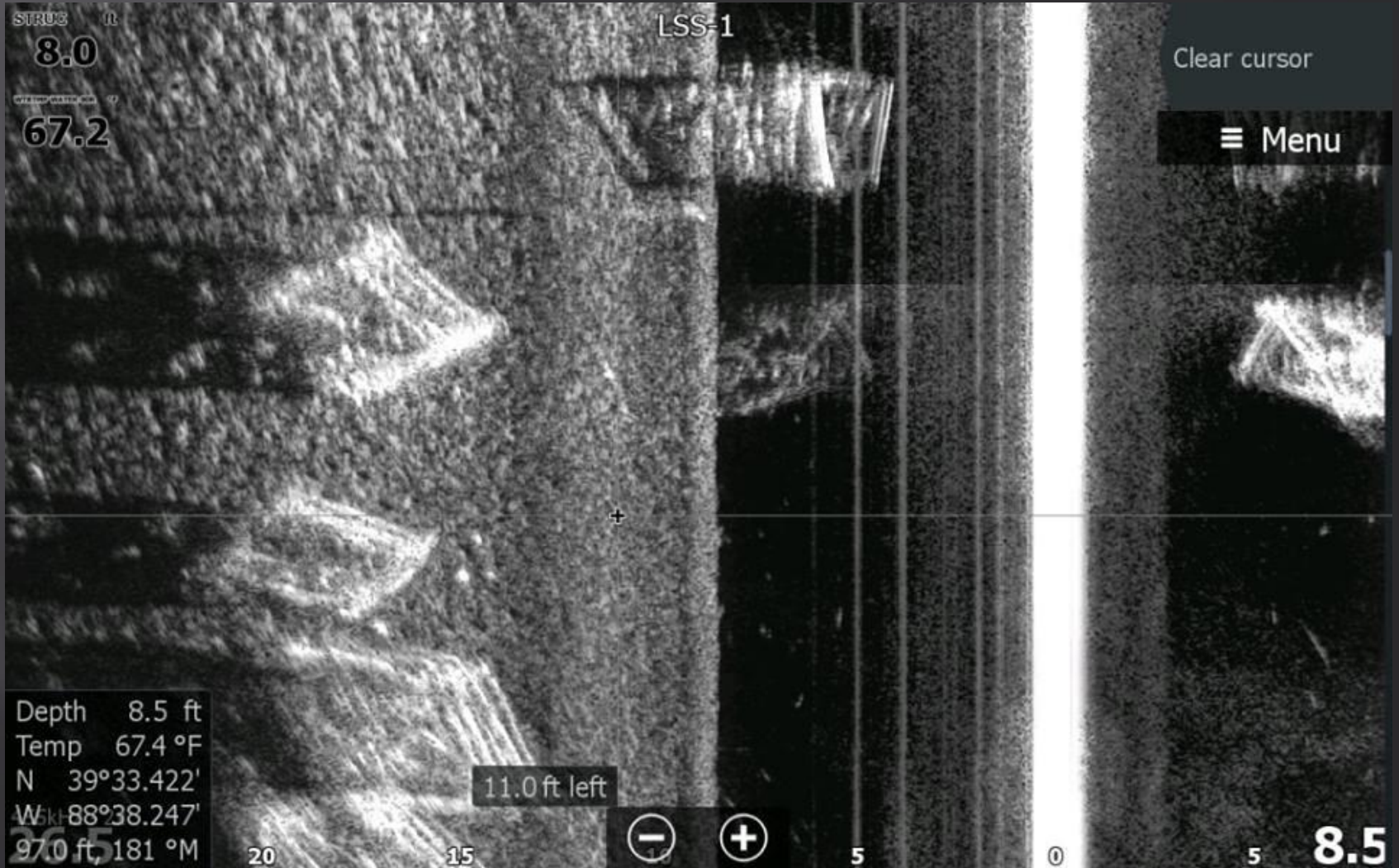
Assembly Line



# THE PROCESS

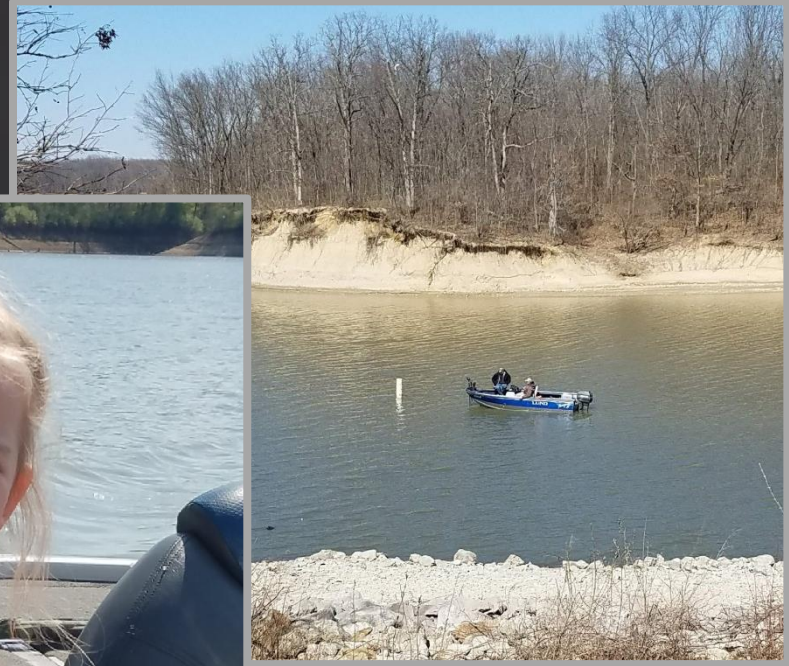
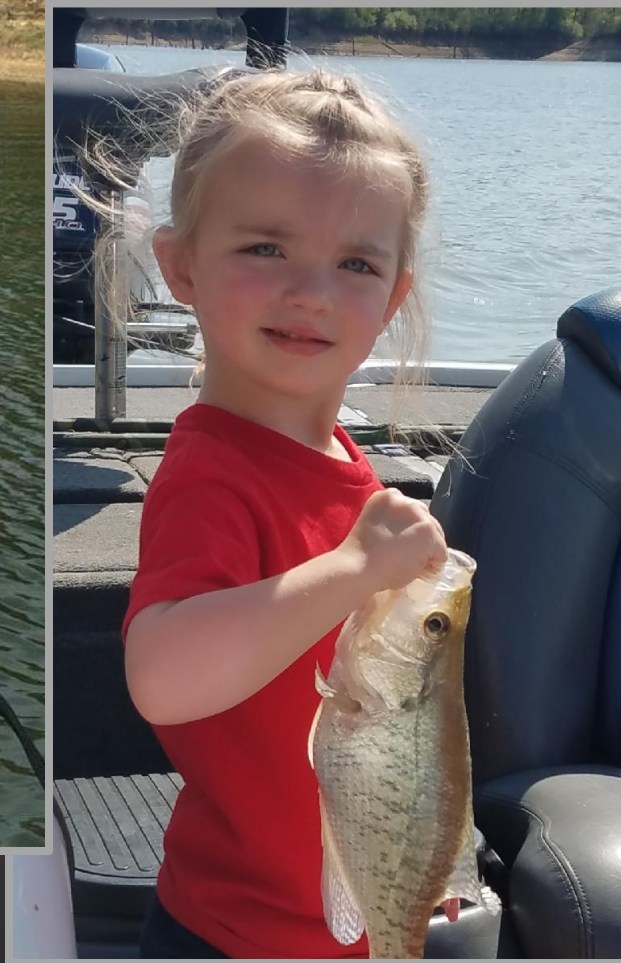


# RESULTS!!!



# RESULTS!!!

2 Days A.D., 8/'17



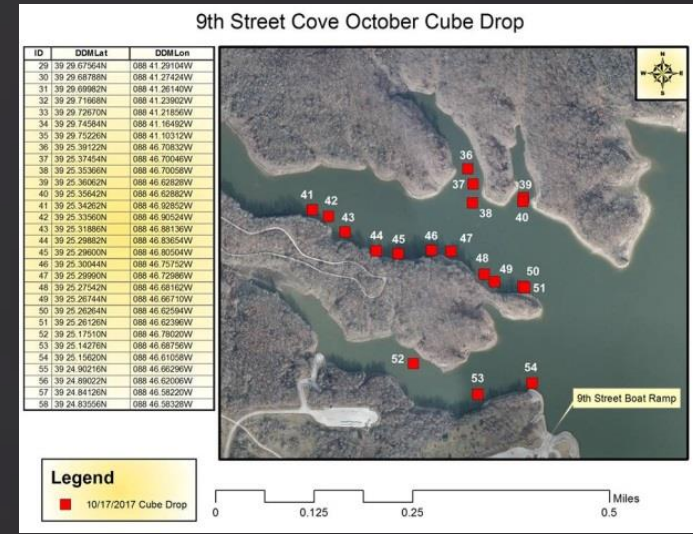
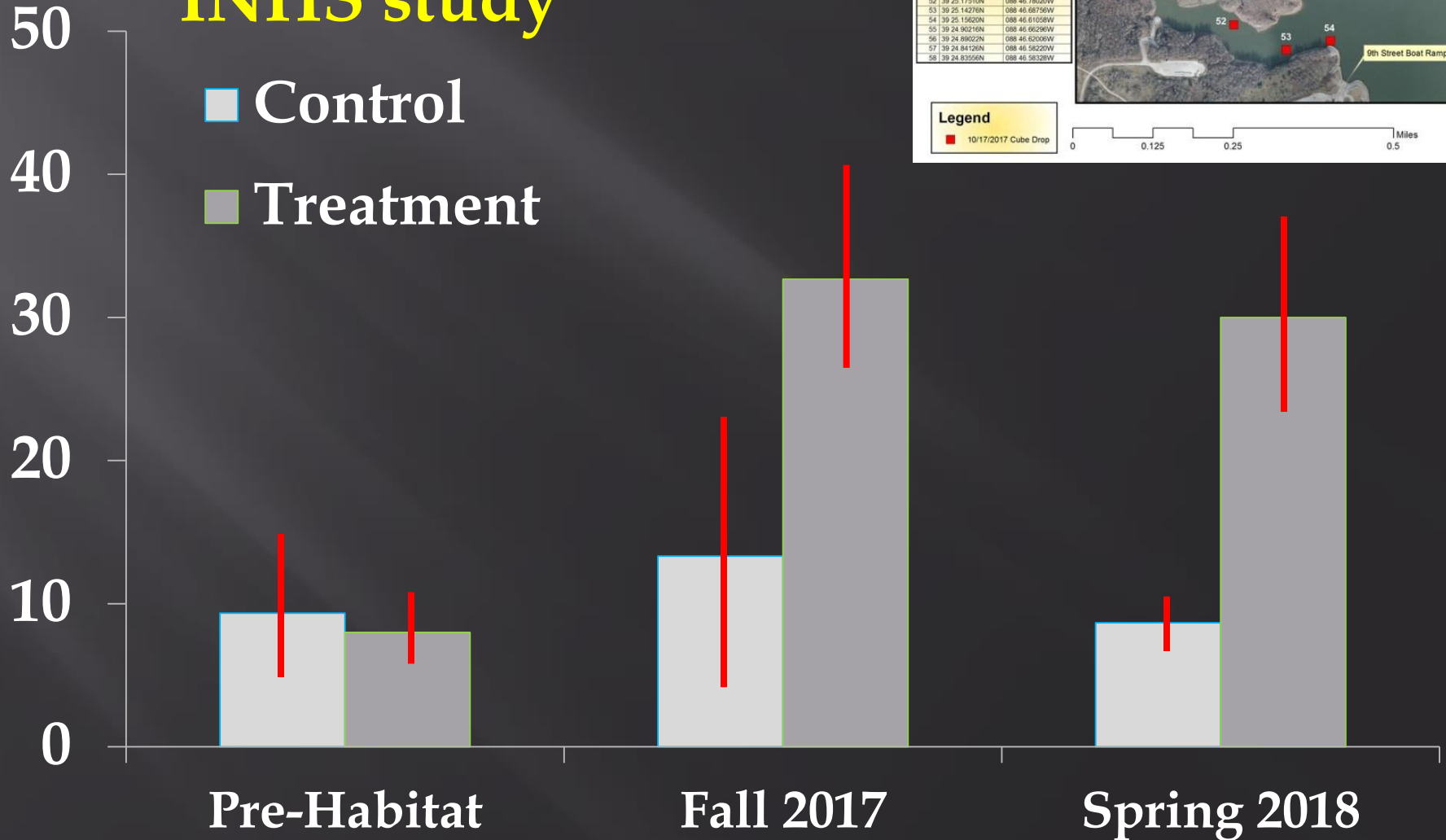
Spring '18



# RESULTS!!!

## INHS study

- Control
- Treatment



# Creating a Nursery

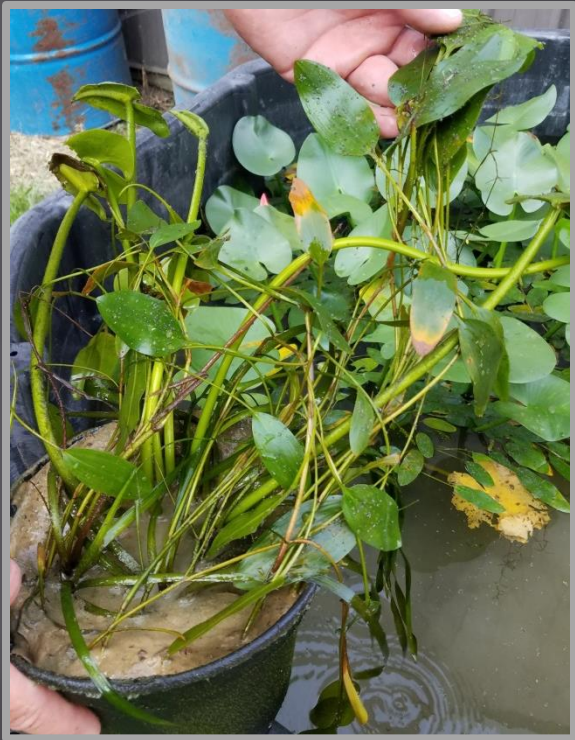
April 8th, 2017



# RESULTS



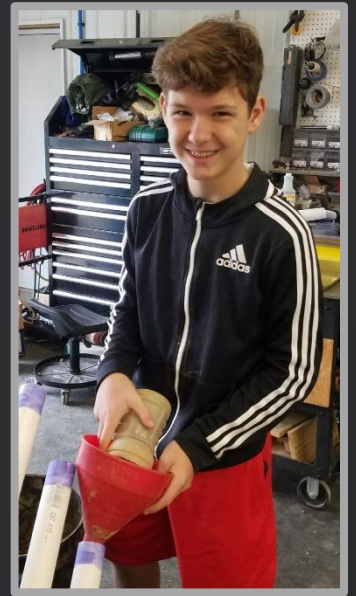
# RESULTS



# The Future?

100 –  
Dec. '18

Imitation is.....



# THANK YOU!!!!



**Jeff Boxrucker!**



**Coach, Bob Kearns!**

**Chip Christensen!**

**Volunteers!**

**Donors!**

