

ILLINOIS  
RIVER  
PROJECT

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# STAGE 1: A Vehicle For The Acquisition Of A Resource Perceived As A Problem



Sound activated silver carp (née Asian carp, i.e. *Hypophthalmichthys molitrix*) have beriddled the powers that be to find a way to control the cyprinid's boisterous population.

The yarn is, in many ways, an apt parabol of all invasive species: man meets nature; man falls in love with Nature; man hopes to tweak Nature "naturally;" bio-organism is selected and makes said alterations but does so with the obligation of a scoff law to man's reality; other man perceives nature to be unnatural (e.g. from cleaning up ponds to expanding to rivers to encroaching on the Great Lakes ecosystem and potentially devastating the fishing industry therein and the entire American economy from the brine up; I've been following the slow up-river march of silver carp since 2006). The dialogues have rarely escaped brute force and defense mentality.

I'm eager to suggest a shift in perspective: Can this organism be a blessing in disguise, and, if so, what are some things we could identify under the disguise?

The aquatic vehicle (reproducible vehicle at any nearby Home Depot® store) doubles as reaper, designed to the entrap both the fish and its fright while gracefully translating the latter that back into soundwaves that can then perpetuate further harvest. The sound of the boat startles the fish, but soon the sound of catapulting fish encountering giant guitar strings continue the cacophony. It's a musical experience and the fish basically catch themselves.



The beauty of this cheap tin can is that all of the components and engineering can be replicated at your local Home Depot® store.

But what's to be done with all these netted fish? Carp have an abundance of bone, which, after being efficiently cleaned, can function to remediate soil of bioavailable toxins (i.e. toxins absorbable by the humans). That's stages 2 & 3.



protoype rendering, 2014

## EXPENSE REPORT

1 qty 9.4' jon boat.....	\$599.00
8 qty. 3/4" EMT @ \$3.05.....	\$24.40
2 qty 3/4" Elect. elbow@ \$5.96....	\$11.92
3 qty #10-24 1.5 " machine screws (5 pck) @ \$1.18.....	\$3.58
1 qty 60D Galv. Timber tie (5 lb).	\$14.92
1 qty 14-Gauge galv. steel wire....	\$6.28
1 qty 16-Gauge galv. steel wire....	\$6.28
1 qty 24-Gauge galv. steel wire....	\$4.84
1 qty 28-Gauge galv. steel wire....	\$2.98
1 qty 3/16" x 1/8" stainless steel rivets.....	\$2.97
<b>Subtotal.....</b>	<b>\$677.17</b>

### Optional Items

*Currently Not Available @ Home Depot®*

qty contact mic.....	\$7.79
2 qty 10" Cerwin Vega subwoofer @ \$34.95.....	\$69.90
1 qty Pyle 4 channel waterproof amplifier.....	\$42.00
1 qty 11 HP motor.....	\$200

**Total.....\$996.86**



# TIMELINE

## Stage 1: A Vehicle For The Acquisition Of A Resource Perceived As A Problem

January-June 2015, Bronx, NY

Boat • Sound • Silver Carp • Harvest

## Stage 2: Converting The Problem Into Two Resources

June 2016, Bath, IL

Silver Carp • Black Soldier Flies • Frass As Feed •  
Fish Bones • Microeconomies

## Stage 3: Distribution Of Resources To Remediate Another Generation's Pollution

August 2016, Nationwide

Fish Bones • Lead-Polluted Soil • Youth Violence  
• Learning Disabilities • Urban Gardening



## ILLINOIS RIVER PROJECT

“Reproducible Vehicle At Any Nearby Home Depot Store”

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2014-2015