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- Return to store
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Tim Campbell  
tbcampbellz@wisc.edu

**Issues with KAEAR Model**

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- Don't always get AIS

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- Awareness about release behavior
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- Can hobbyist clubs rehome animals?
- Build capacity within humane societies?

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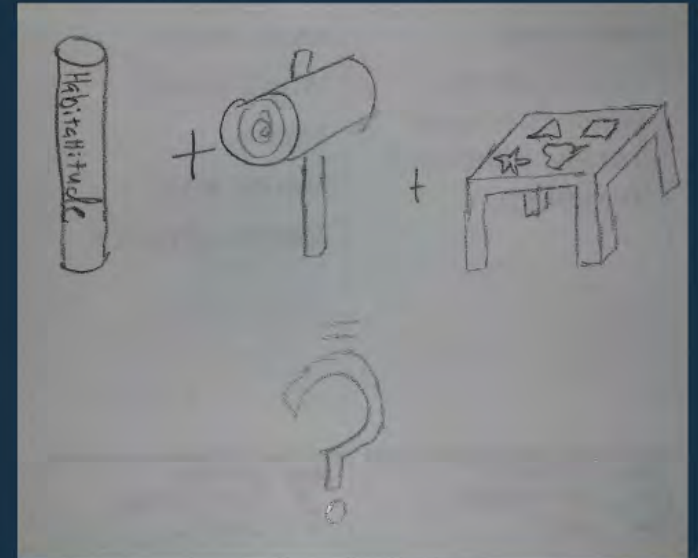


# Making Habitattitude Work for Wisconsin: Creating alternatives to pet release



Tim Campbell  
UWEX/WDNR/UWSG

Or

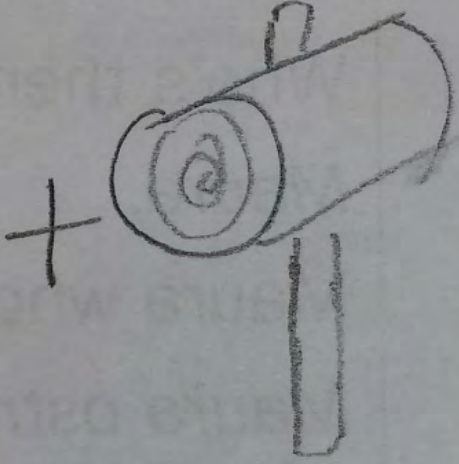


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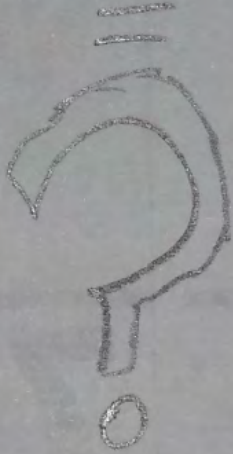


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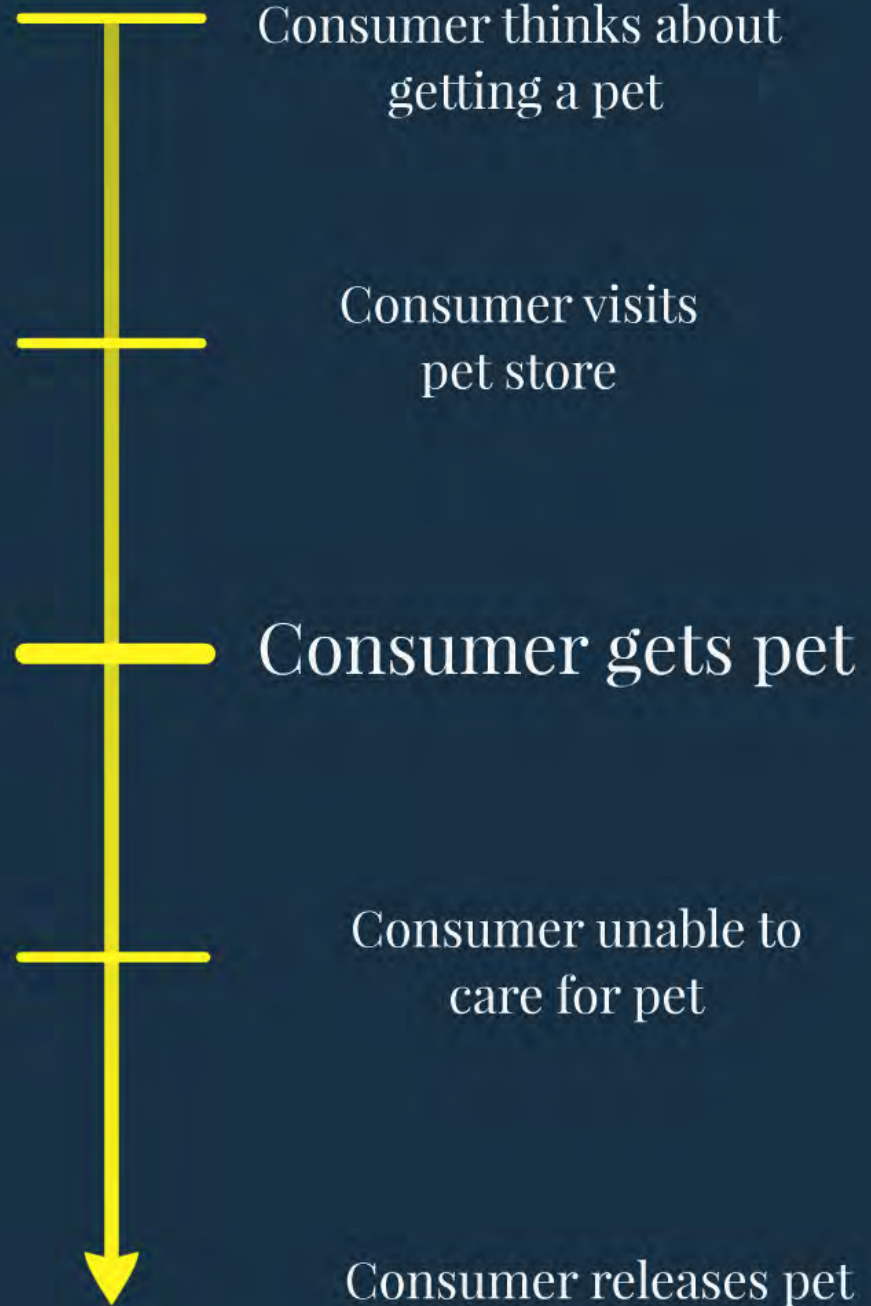
Habitat: tude



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# *Consumer*



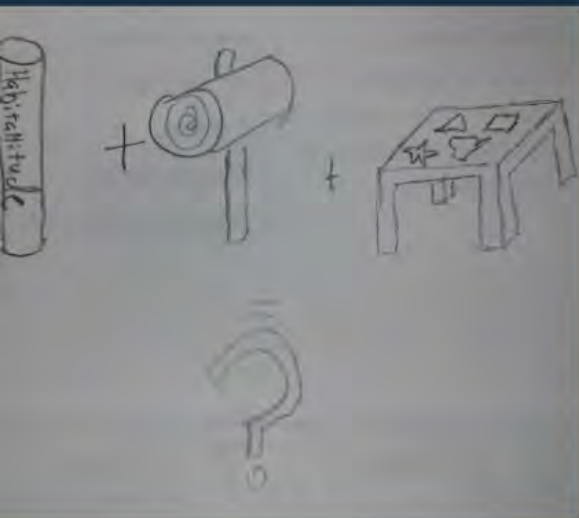
Keeping potentially invasive species out of trade

- Regulations
- Web crawler

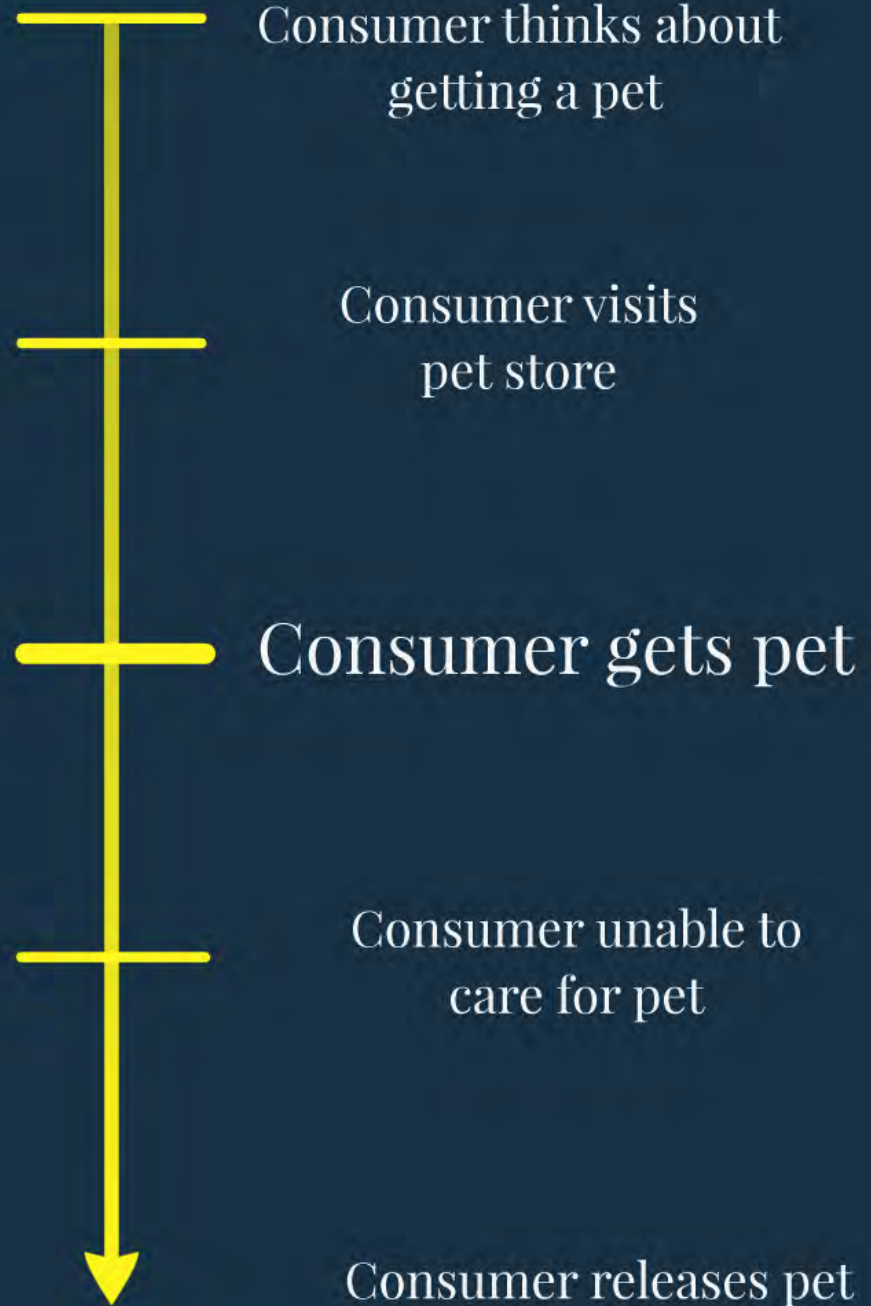
### *Pre-consumer*



### *Consumer*



# *Consumer*



# It Happens

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### Piranha caught in Lake Winnebago?

Updated: Wednesday, 16 Sep 2009 6:44 PM CDT  
Published: Wednesday, 16 Sep 2009 6:39 PM CDT

FOND DU LAC - Fishing for bluegills on Lake Winnebago, Richard Pardee never thought he would come with what might be a piranha.

"I was getting pretty excited, thinking I had the biggest bluegill of my life," said Pardee. "I finally got him out and saw the face full of teeth, I thought, yep, I got a piranha, not a bluegill."

He took it to exotic fish shop Rivers and Reefs, 107 N. Main St., where they sell a species of piranha. There is still some debate at the store about what the 12 1/2 inch, toothy catch actually is. Owner Greg Schwantes is leaning toward the piranha's larger, generally more vegetarian cousin, the pacu.

"Lake Winnebago doesn't have a lot of vegetation, but it has a lot of bait fish, so it could survive eating minnows or other small fish," said Rivers and Reefs owner Greg Schwantes.



Joe Hennessey with a giant snakehead (*Channa micropeltes*) caught in a Wisconsin river, September 4, 2003, undoubtedly after being released by an aquarium enthusiast. Fortunately, this species will not survive the winter (see fig. 6). Photo by Mike Sorge, Wisconsin Department of Natural Resources, Bureau of Fisheries Management and Habitat Protection.

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### Fisherman finds dead boa constrictor in Lake Monona

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April 05, 2014 8:30 am • By Jeff Glaza | Wisconsin State Journal (6) Comments

# (1) More Photos



In springtime, Terry Doyle regularly bikes around Lake Monona searching for open water to cast a line. But his fishing excursion Wednesday led to a much more unusual catch than the standard bluegill: a 6-foot-long boa constrictor.

Doyle, of Monona, was on the railroad embankment near John Nolan Drive when he discovered the dead snake dangling from the ice into the thawing water.

Constrictors aren't native to Wisconsin. They can live in a variety of habitats but generally take refuge in the warmer climates of Central and South America.

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### Catch looks like piranha, but it's equally rare pacu

July 05, 2010 11:45 pm • By Jim McCus, Daily Register (4) Comments



When Jim Steinhilber reeled in a toothy tropical fish out of the Wisconsin River, his reaction would've been censored for print.

"I pulled out drag when I set the hook on it. It had a good fight. I saw a silver flash, and its body was red. As many years as I've fished, I never saw this kind of fish before," Steinhilber said.

The Handenville angler set out to catch his dinner Wednesday south of the Highway 55 bridge on the west side of the river. He was accompanied by roommate Dan Lejman and his roommate's girlfriend, Amy Skurica.

It was humid at 6:30 p.m., so the men pulled their canoe onto the bank and dipped their feet into the cool water while Skurica stood waist-deep. They sat minnows on their hooks and cast hoping for northern pike. But what came up was foreign.

"I started bellying them (my laces) in the sand," Lejman said. "I said, 'Judging by the teeth, that's a -- and then Jim says, 'A piranha.' You could feel it hitching its jaw."

Skurica got out of the water and the 14-inch, 2 1/2-pound fish was put in a cooler. Steinhilber guessed that someone dropped the fish off in the river, and he probably was right.

"It would be somebody's pet fish that's been released, and absolutely nobody should be releasing pets into Wisconsin waterways," said Greg Schwantes, owner of Rivers and Reefs of Fond Du Lac.





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 PROTECT OUR ENVIRONMENT  
 DO NOT RELEASE FISH AND AQUATIC PLANTS  
 www.Habitattitude.net



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Piranha Reduces fish populations



Mystery Snail Competitive for food



Koi Impairs water quality



Mosquitofish Outcompetes native fish



Caiman Reduces wildlife populations







Water Hyacinth Chokes waterways



Hydrilla Interferes with boating



Red Swamp Crayfish Outcompetes natives

-  **Inspect** plant orders and remove seeds, other plant fragments, snails, and fish.
-  **Give** unwanted pets and study specimens to a school, aquarium, or zoo.
-  **Dispose** of aquatic plants in the trash.
-  **Contact** a retailer for possible returns or a veterinarian for guidance on humane disposal of animals.



**DO NOT RELEASE INTO THE ENVIRONMENT**



Release or escape plants  
 and our economy mono





# Habitattitude™

PROTECT OUR ENVIRONMENT  
DO NOT RELEASE FISH AND AQUATIC PLANTS

[www.Habitattitude.net](http://www.Habitattitude.net)



Reduces fish populations



Mystery Snail Competes for food



Impairs water quality



Mosquitofish Outcompetes native fish



Reduces wildlife populations



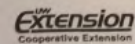
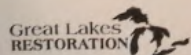
Water Hyacinth Clogs waterways



Interferes with boating



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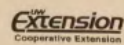
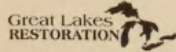
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## Non-Native Species in Aquariums and Water Gardens: Issues, New Laws, and Prevention Programs

Aquatic invasive species (AIS) are a problem with wide ranging ecological and economic consequences. It is estimated that aquatic invasive species cost the U.S. economy \$7.5 billion each year, and that 50% of all endangered or threatened species are listed as such due to the adverse impacts of invasive species. Unfortunately, once an invasive organism is established it is nearly impossible to eradicate. As saying goes, an ounce of prevention is worth a pound of cure. One of the best places to apply this ounce of prevention is at invasion pathways so that invaders aren't introduced in the first place.

Intentional release of unwanted aquarium pets is one pathway for non-native species into our environment. The red swamp crayfish is one example of an invader that was likely introduced into Wisconsin via aquarium release. Wisconsin has spent more than \$400,000 controlling this invader, and recently received \$287,000 in federal funding for further efforts to eradicate this destructive invader.

To address this pathway, the University of Wisconsin Sea Grant Institute in partnership with the Wisconsin Department of Natural Resources and UW-Extension invite you to a workshop on June 19<sup>th</sup> at the UW-Fond du Lac campus where you can learn more about the AIS issue, laws regarding aquarium species, and a program that is being promoted to help reduce the probability of new introductions and invasions from released pets and aquatic plants. Additionally, we are looking to draw upon your knowledge and expertise to understand how pet owners deal with unwanted aquarium pets, identify current alternatives to release, and to develop more effective alternatives to release.

### Location

The workshop will be held in room A216 on the UW-Fond du Lac campus. For maps and directions visit:

[http://www.fdl.uwc.edu/campus\\_map.html](http://www.fdl.uwc.edu/campus_map.html)



Red Swamp Crayfish  
Photo: Chris Hamerla

### RSVP

Please contact Tim Campbell ([timothy.campbell@uwc.edu](mailto:timothy.campbell@uwc.edu) or 920- 683-4697) by 6/8 if you plan on attending this workshop

**Date:** Tuesday, June 19th

**Cost:** Free

### Tentative Agenda

- 09:30-10:00 Registration
- 10:00-10:15 Welcome and introductions
- 10:15-10:45 The invasive species issue
- 10:45-11:15 Invasive species: Organisms in trade & the pet industry
- 11:15-12:00 NR40 & what it means for organisms in your business
- 12:00-01:00 Lunch (provided)
- 01:00-01:30 The Habitattitude Campaign: What it is and successes
- 01:30-02:00 Best Management Practices
- BREAK
- 02:20-03:15 Discussion – Current options for pet returns and new alternatives to release
- 03:15-03:30 Conclusions, Future Directions
- 03:30 Adjourn



**Habitattitude™**  
PROTECT OUR ENVIRONMENT  
(DON'T RELEASE FISH WITH AQUATIC PLANTS)  
PROJECT: D.D. RICH & MILDRED GLENNON - SEA GRANT



- No space
- No money
- No exper

Hoffer's  
**TROPIC**  
**LIFE** Pets



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PIJAC + U.S. FISH & WILDLIFE SERVICE + SEA GRANT



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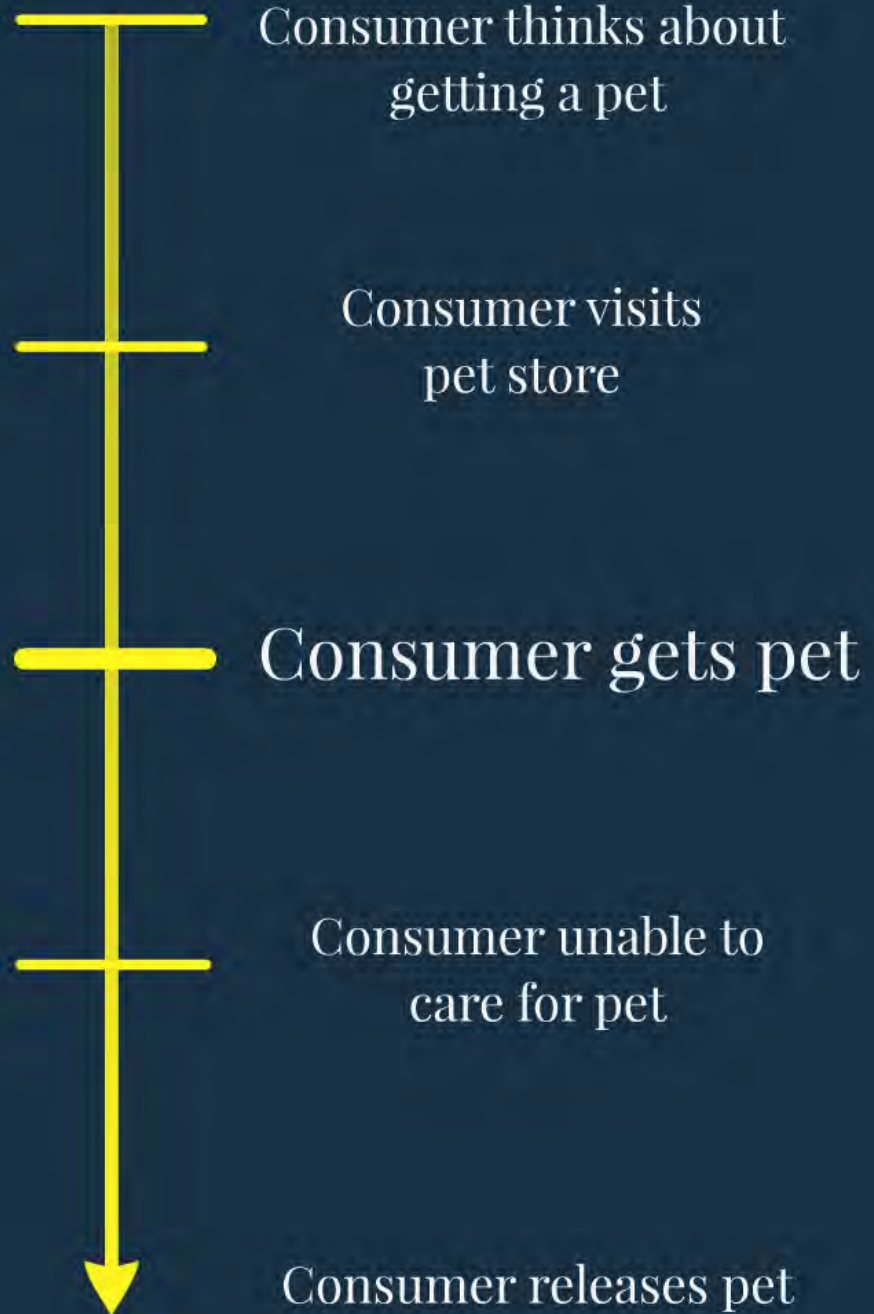
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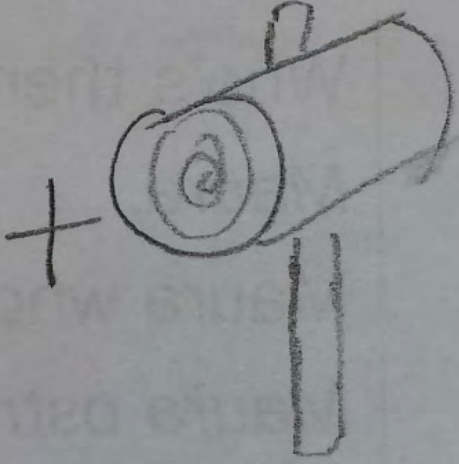


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TO PREVENT AND CLIMATE CHANGE

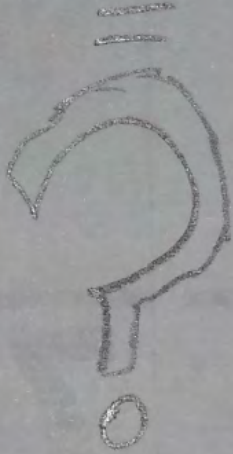




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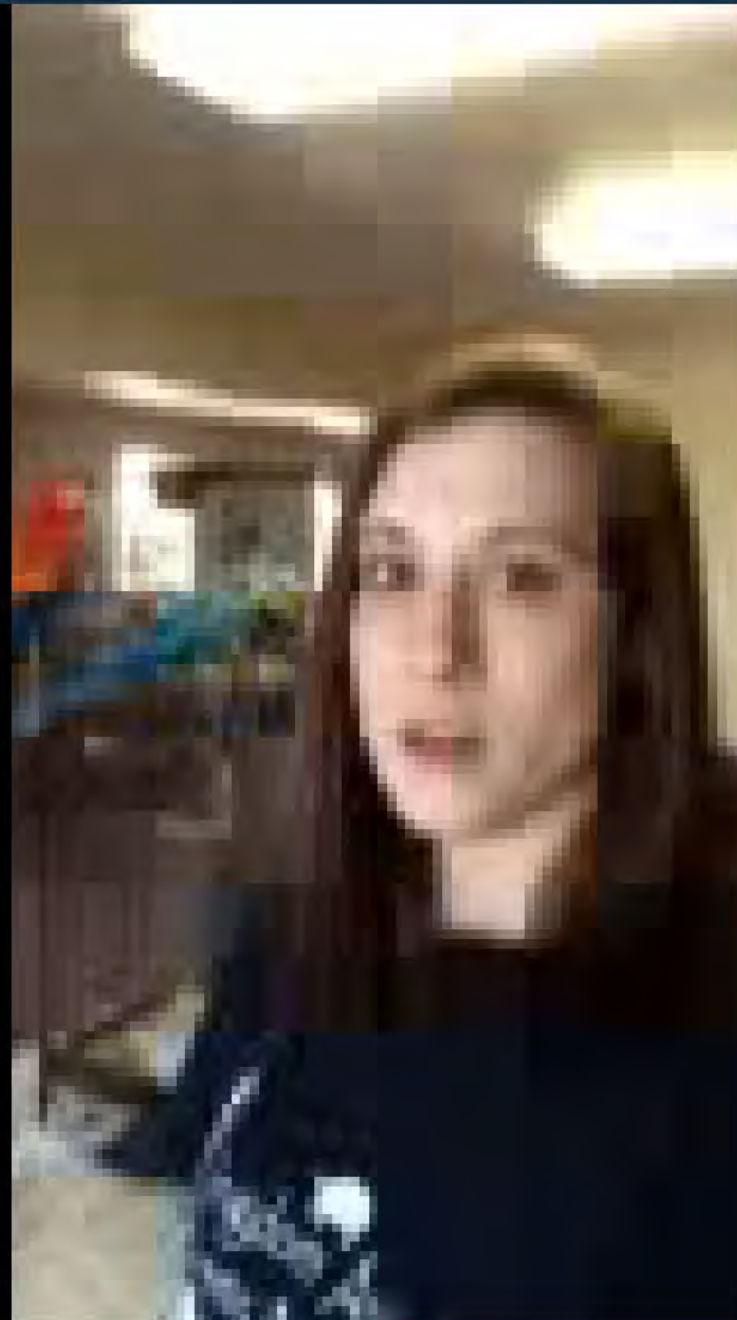


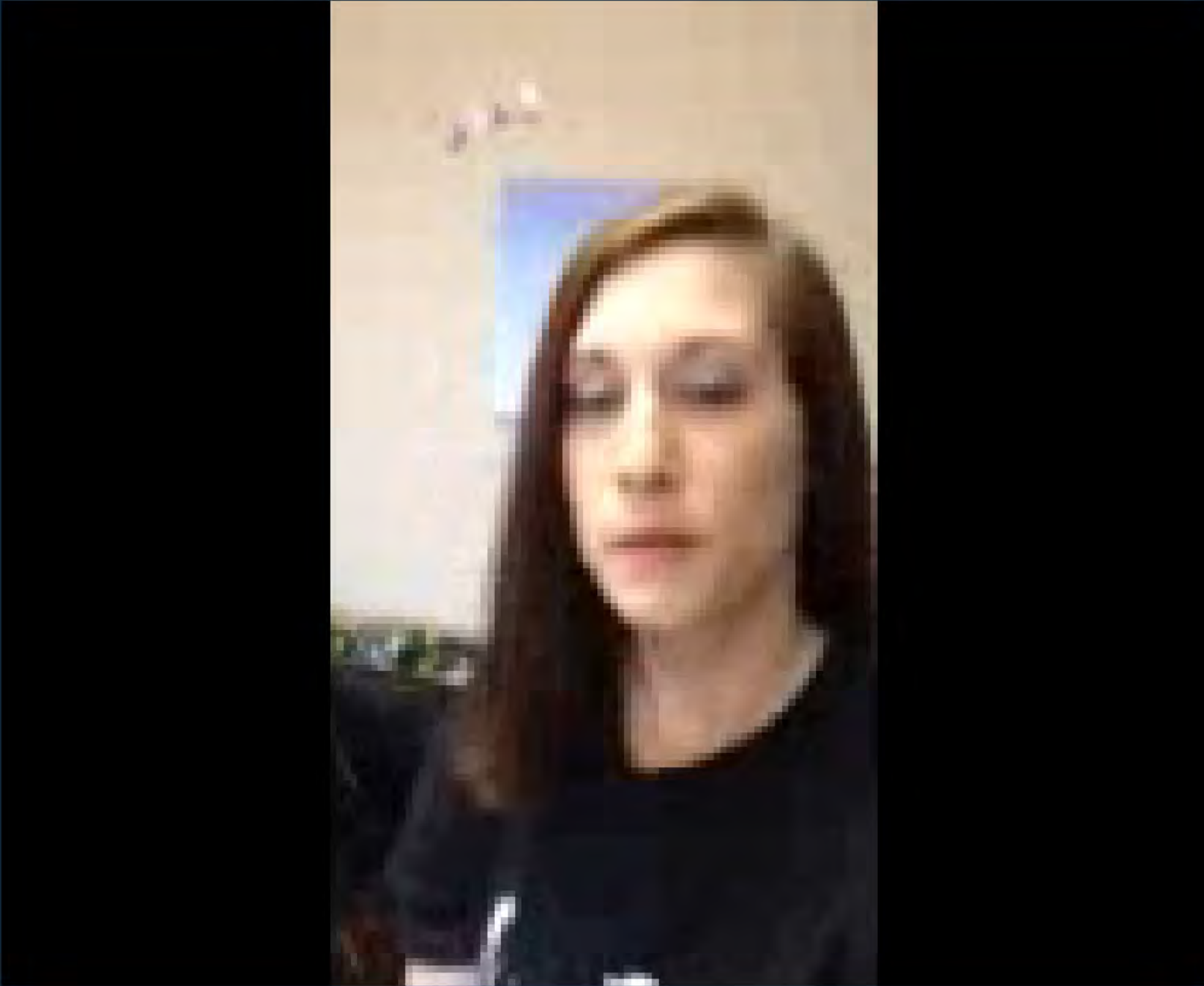
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 and our economy mono

















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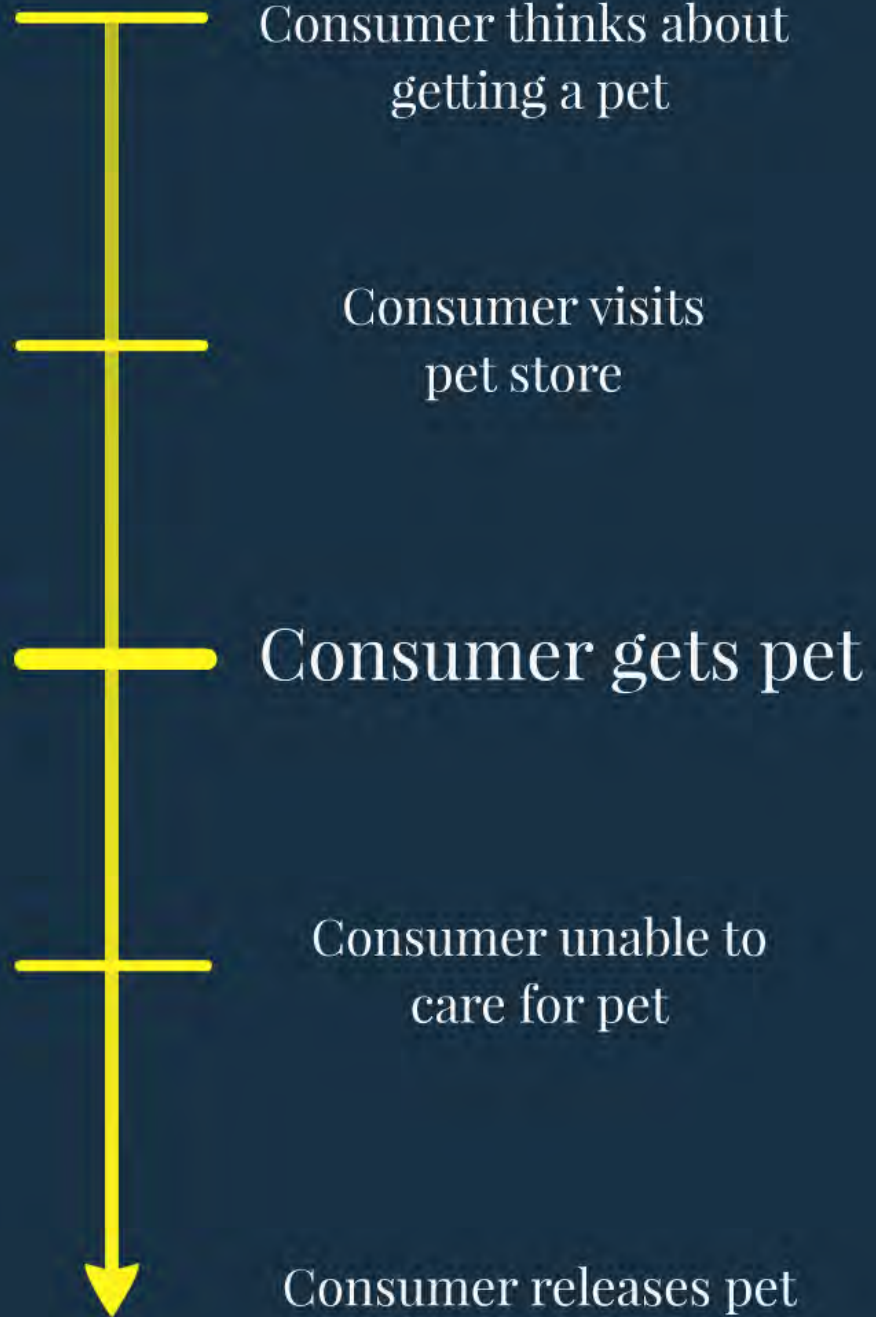
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CORRESPONDENT AND AQUARIUMS

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- Don't always get AIS

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- Build capacity within humane societies?

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