



Responsible Pet Ownership

- Right pet for right person
- Trained staff to assess
- Offer noninvasive pets
- Avoid commonly released pets
- Big & small stores have their strengths



Alternatives to Release

- Trade with a friend/hobbyist
- Return to store
- Take to a rescue
- Need to build capacity for these
- Euthanasia probably isn't an option for most pets



Tim Campbell
tim.campbell@wisc.edu
@t_campy #ICAIS2016

Issues with KAEAR Model

- Jamie doesn't exist everywhere
- Don't always get AIS

Benefits

- Building capacity
- Awareness about release behavior
- Generated interest

Pet Return Networks

- Can hobbyist clubs rehome animals?
- Build capacity within humane societies?

Pet Store Employee Training

- Training to assess capability of consumer
- Don't just not sell potentially invasive species, don't sell species likely to be released

What about other release pathways?

- Teachers (online course for WI)
- Water gardeners



Making Habitattitude Work for Wisconsin:

Creating alternatives to pet release



Tim Campbell
@t_campy #ICAIS2016



Making Habitattitude Work for Wisconsin:

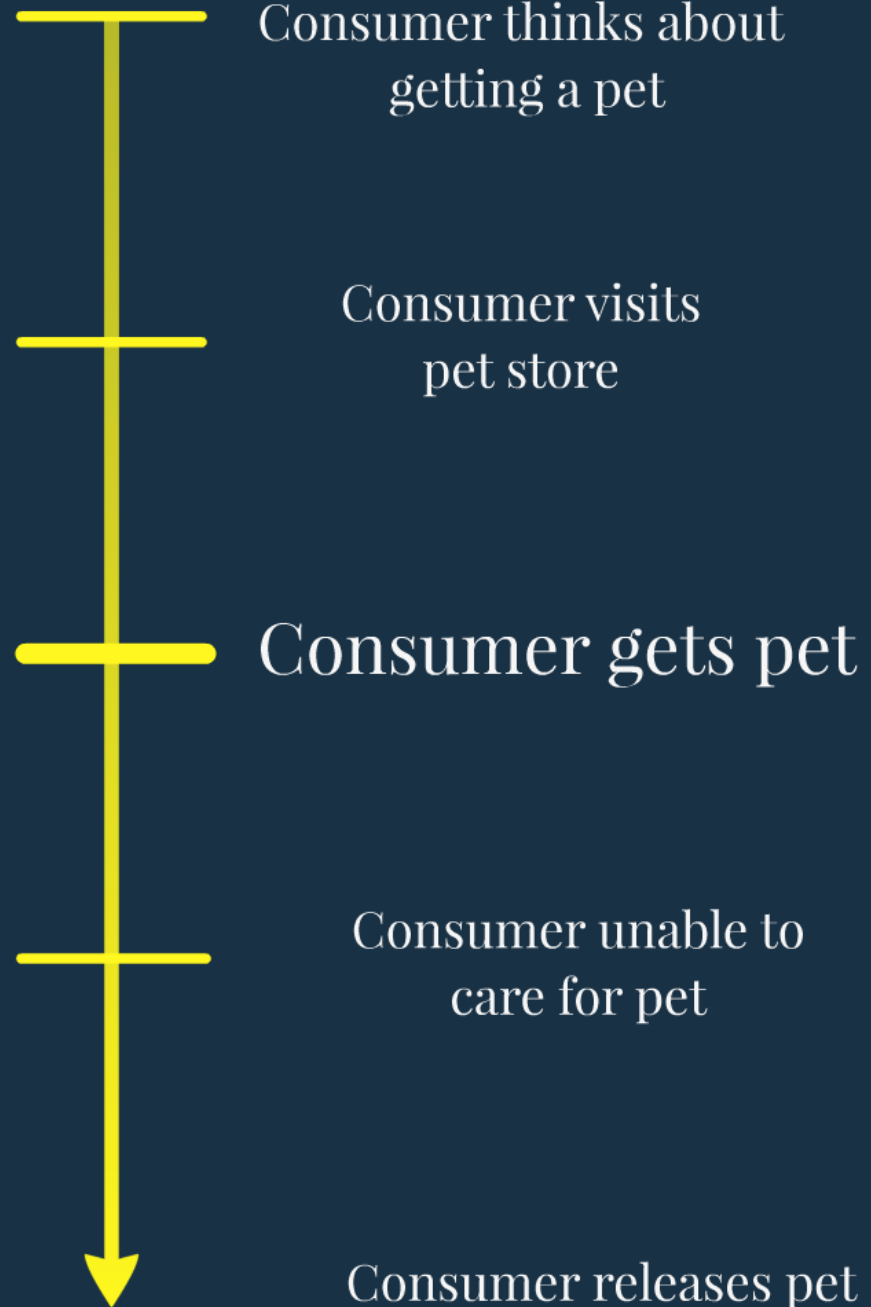
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@t_campy #ICAIS2016



Consumer



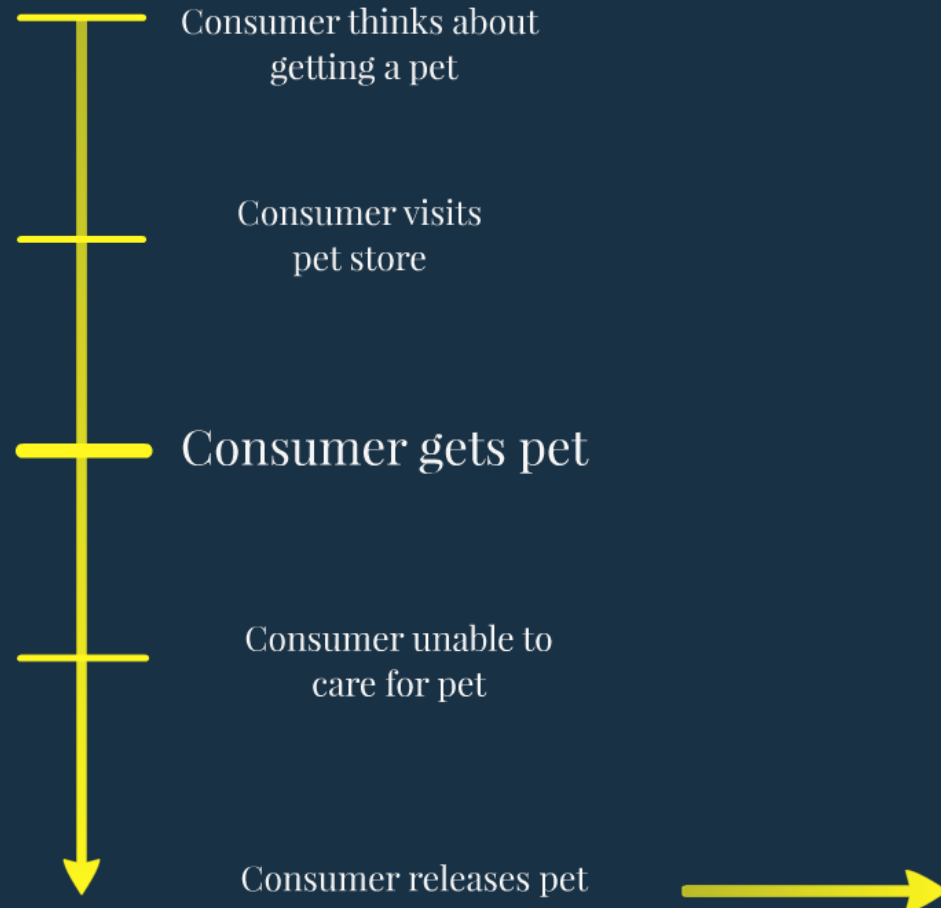
Keeping potentially invasive species out of trade

- Regulations
- Web crawler

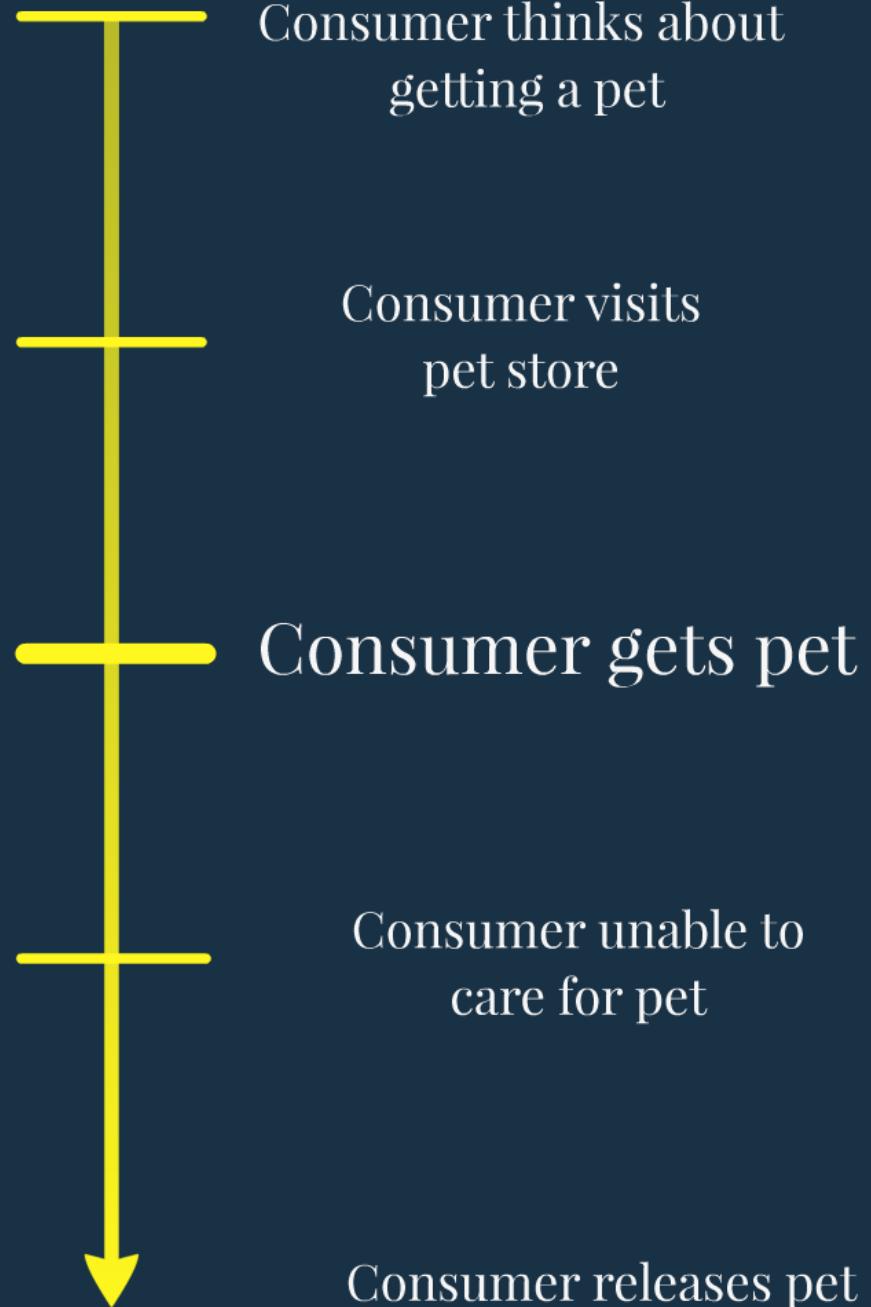
Pre-consumer



Consumer



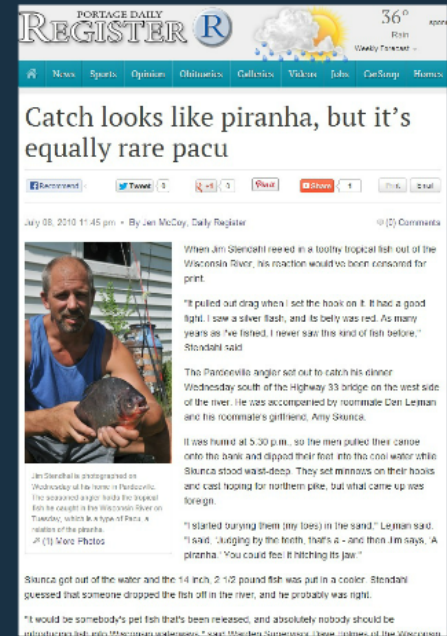
Consumer



It Happens



Joe Hennessey with a giant snakehead (*Channa micropetetes*) 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.





Habitattitude™

PROTECT OUR ENVIRONMENT
DO NOT RELEASE FISH AND AQUATIC PLANTS

www.Habitattitude.net



Reduces fish populations



Impairs water quality



Reduces wildlife populations

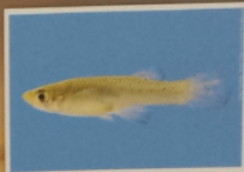


Interferes with boating



Mystery Snail

Competes for food



Mosquitofish

Outcompetes native fish



Water Hyacinth

Clogs waterways



Red Swamp Crayfish

Outcompetes natives



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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

Great Lakes
RESTORATION

Sea Grant
University of Wisconsin



Extension
Cooperative Extension



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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 19th 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



Red Swamp Crayfish
Photo: Chris Hamerla

RSVP

Please contact Tim Campbell (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 |



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- No space
- No money
- No exper



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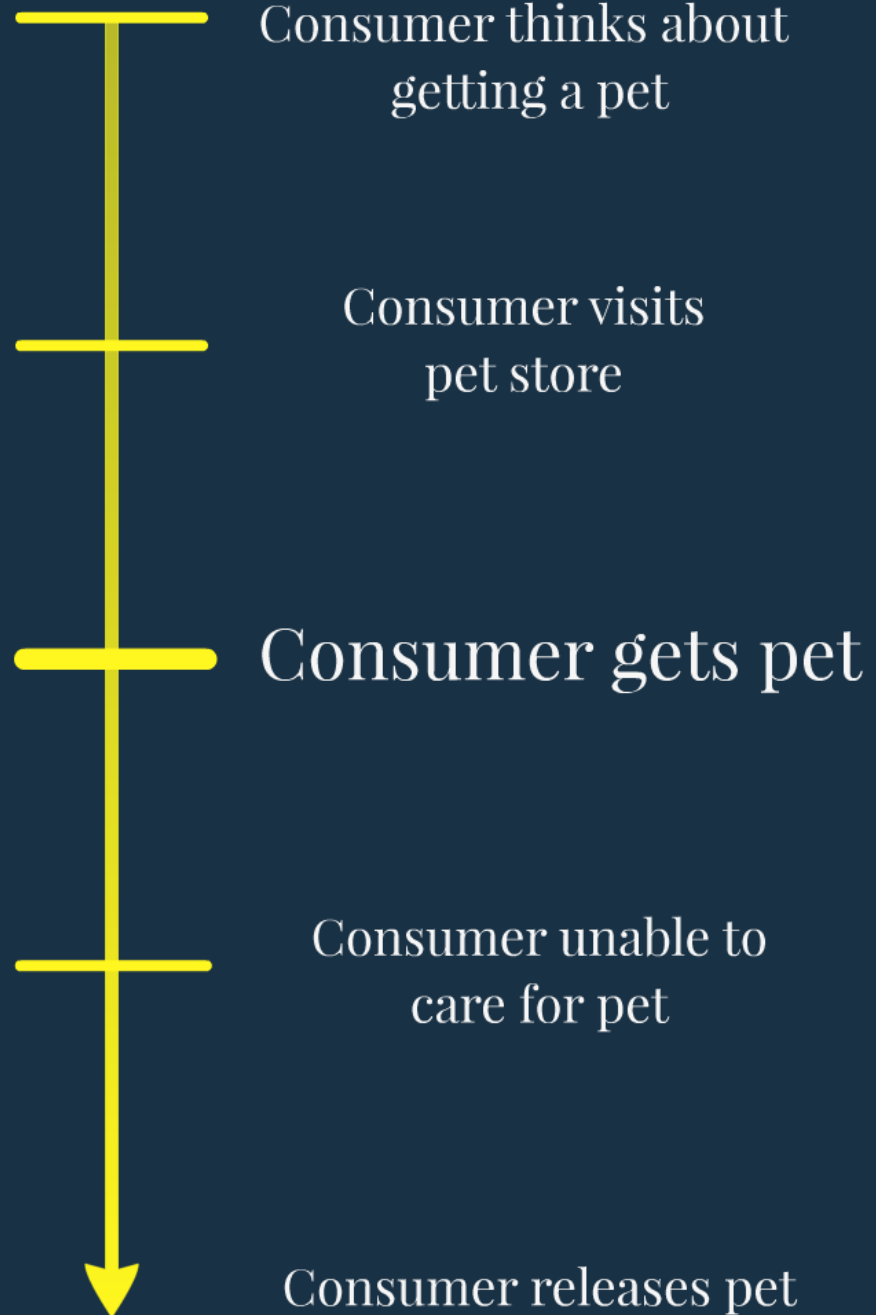
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- Not my problem

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DO NOT RELEASE TO LAND AND AQUATIC HABITS





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Release or escape plants
and our economy (monoculture)



Butchman Project Listing

OF NON
CREATES



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 Piranha Reduces fish populations	 Mystery Snail Competes for food
 Koi Impairs water quality	 Mosquitofish Outcompetes native fish
 Caiman Reduces wildlife populations	 Water Hyacinth Chugs waterways
 Hydrilla Interferes with boating	 Red Swamp Crayfish Outcompetes natives

Great Lakes RESTORATION

Sea Grant
University of Wisconsin

Extension
Cooperative Extension

PLIAC



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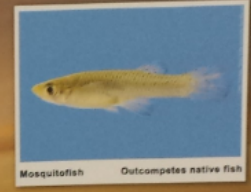
Piranha Reduces fish populations



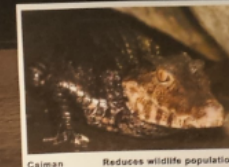
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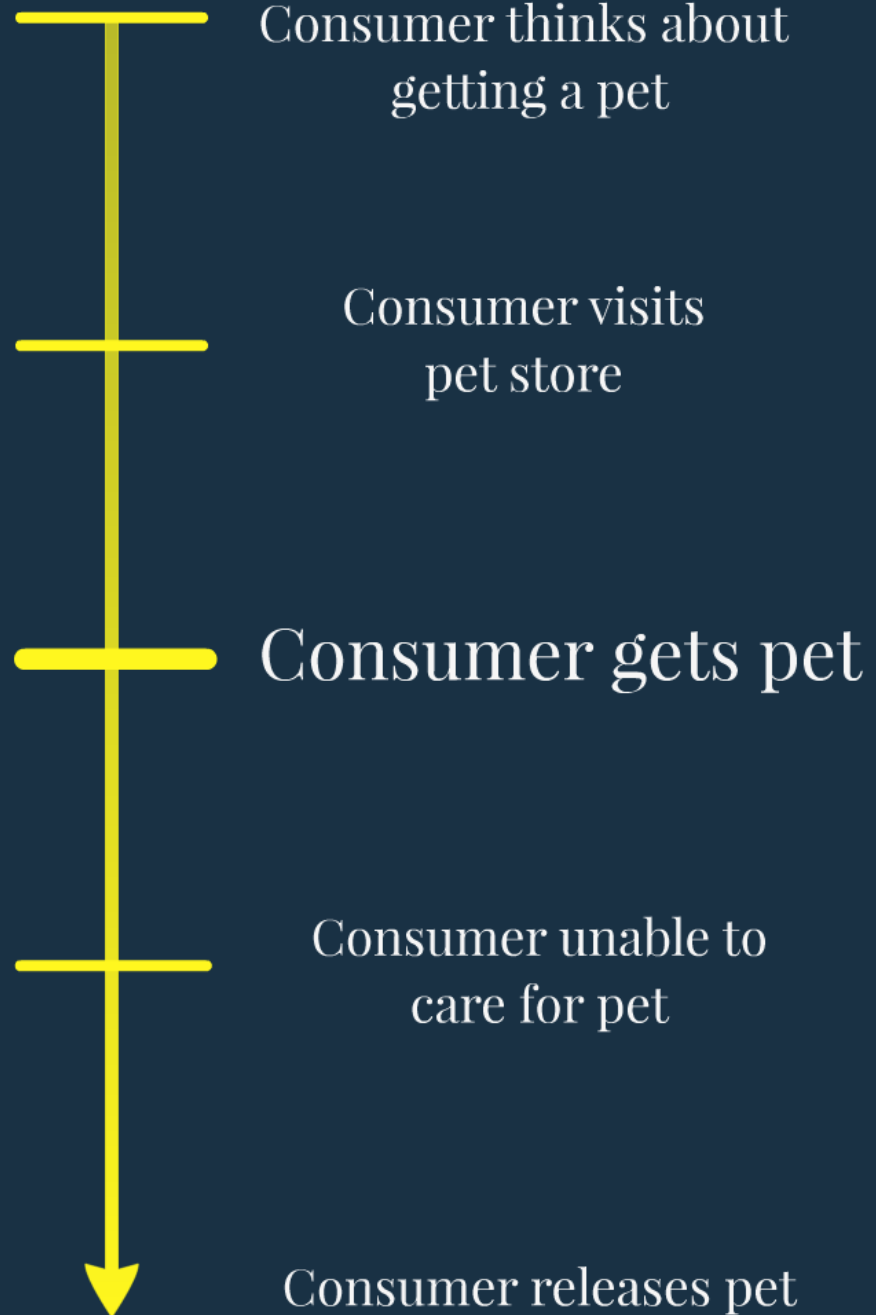
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Auctions

MAS Full-Day Auctions
Buyer Information
Seller Information
Prohibited Species
"Buy It Now" Program
Surrender Program

Surrender Program

Some auctions will be tied to a state-level *Surrender* program, in association with *Habitattitude*. The purpose is to allow anyone with a fish that is not wanted an outlet to "surrender" the fish so that MAS can find it a new home. (...not wanted for any reason including too big or too aggressive.) The aquarium world agrees that this is the responsible approach as opposed to releasing captive fish into the local ponds or streams.

Here is how it works...

If the auction is designated as a "Surrender" event, just bring the fish to the auction (preferable in a bag, but all water-holding containers such as a bucket are acceptable). The fish should be dropped off within an hour of the posted start time for the auction.

That is all you need to do. Being that a hundred or so aquarists will be at this event, the fish will first be offered publically to anyone who wants it. If for whatever reason the fish cannot be given away, MAS will responsibly handle the fish.

See this [article](#) discussing the the first [Surrender](#) event.



Green Bay Aquarium Society

A NON-PROFIT EDUCATIONAL ORGANIZATION

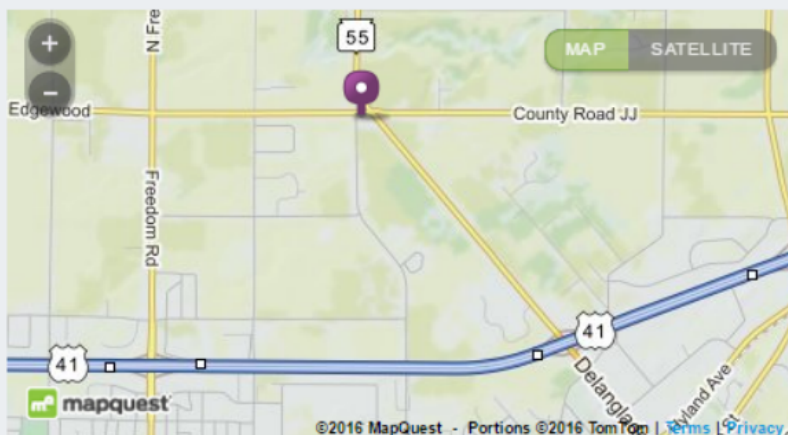
[HOME](#) [ABOUT](#) [MEETINGS](#) [AUCTION](#) [FRAG SWAP](#) [MEMBERSHIP](#) [BAP](#) [LIBRARY](#) [USEFUL INFORMATION](#) [LINKS](#)

Auction

Next Auction:

Fall 2016 (TBA)

NEW LOCATION! Starlite Club, W2091 County Rd. JJ, Kaukauna, WI 54130



[View Larger Map »](#)

Doors open at 9:00 am. Auction starts at 10:30 am.

Search

GREEN BAY AQUARIUM SOCIETY



CONTACT:

webmaster@gbasonline.org



Joint GBAS/KAEAR Effort

- Rehome both fish & other unwanted pets
- Surrender on a continuous, rather than event, basis
- Promote as a resource to businesses



#2

GREAT LAKES
BIOTIC
SYMPOSIUM

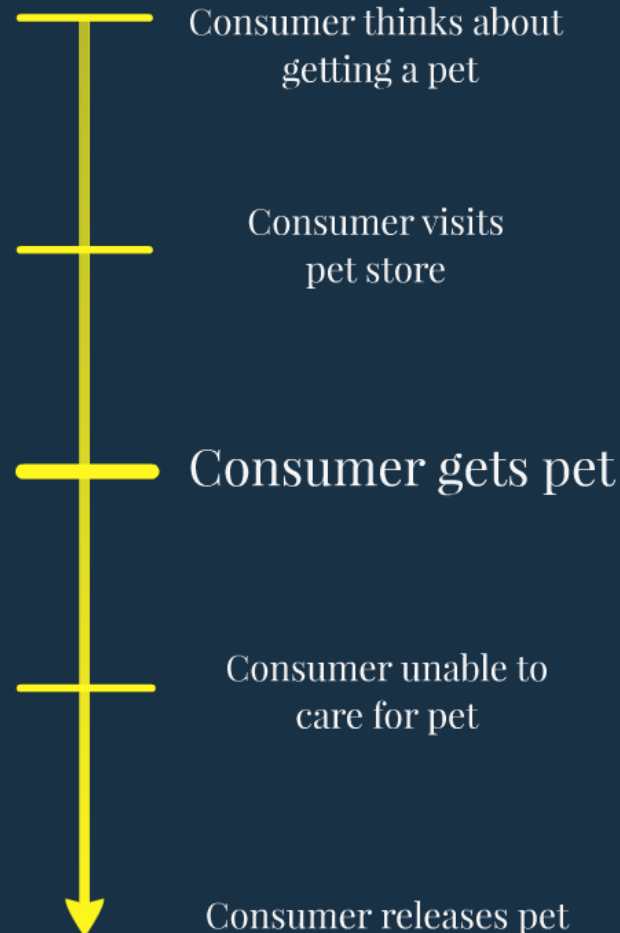
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