



GREAT LAKES DETECTOR OF INVASIVE AQUATICS IN TRADE (GLDIATR)

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Great Lakes Panel on Aquatic Nuisance Species

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PROJECT SCOPE

GLDIATR operates on an ongoing basis to collect and analyze, and allow users access to, information about how many and what types of AIS are available for sale on the Internet. This information is important to invasive species managers across the region to help inform and target a variety of activities, including outreach and education, risk assessment, monitoring and surveillance, and enforcement.



ADVISORY COMMITTEE

GLP OIT AD HOC COMMITTEE

AIS managers, researchers, and outreach professionals

GREAT LAKES LAW COMMITTEE

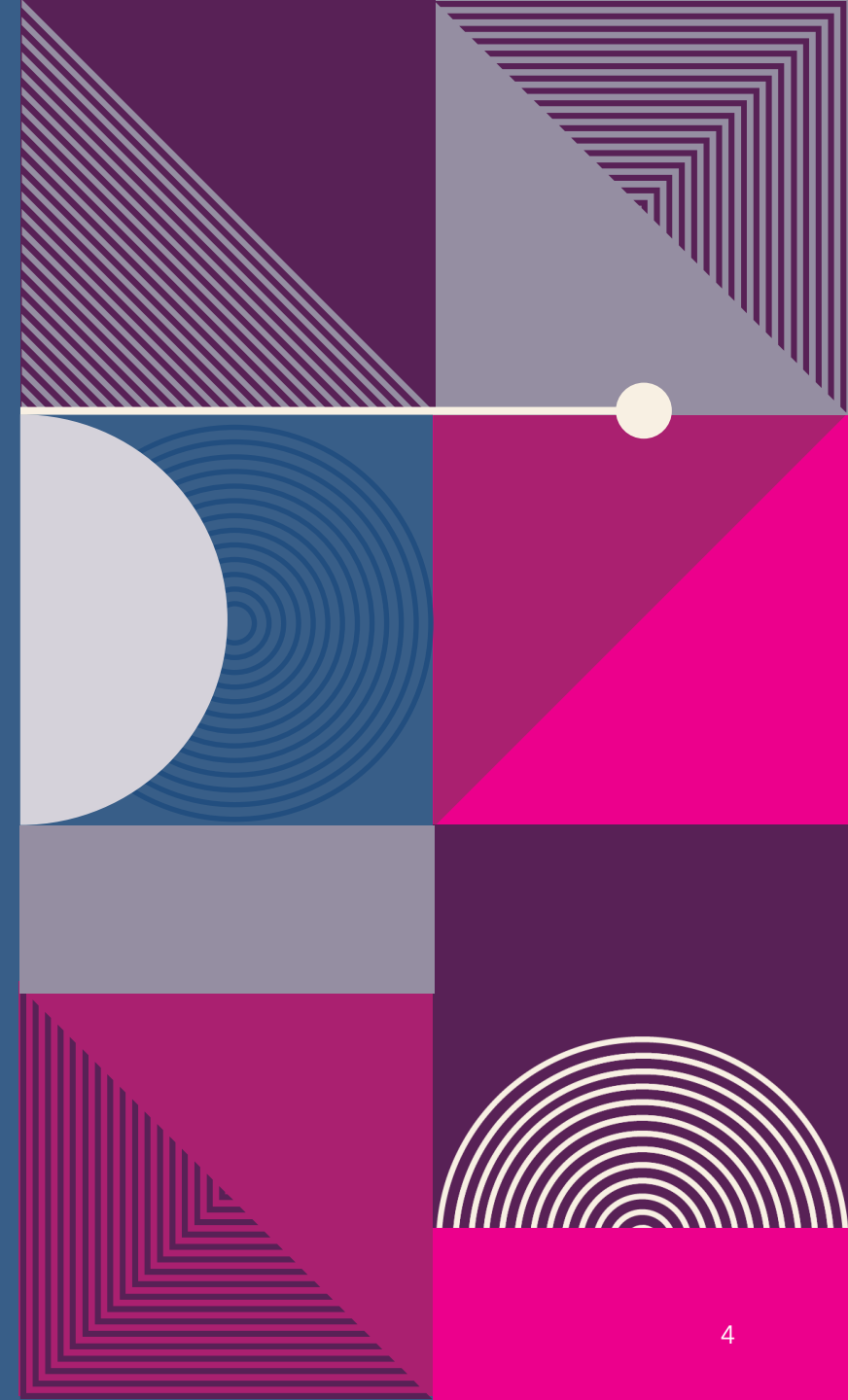
Great Lakes conservation law enforcement officials

PRIOR ADVISORY COMMITTEE MEMBERS

Other special interest members involved in previous phases of GLDIATR but not captured in the above two groups

WEB SCRAPING AS A TOOL

Web scraping is the process of using bots to extract content and data from a website. Web scraping extracts underlying HTML code and, with it, data stored in a database. The scraper can then replicate website content elsewhere



The background features a complex geometric design. On the left, there is a grid of squares, each containing a different pattern: concentric circles, parallel lines, and solid colors in shades of blue, pink, and grey. A white horizontal line with a circular dot at its end extends from the grid towards the right. The right side of the slide is a solid, vibrant pink color.

DATA DELIVERY PROCESS

RAW DATA

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	scientific r	common r	product na	price	description	rating	number of	image URL	URL	seller nam	seller price	address	seller ratin	number of	contact se	search ter	data time
2	Procamba	Red swam	Host Defen	\$28.40	Enhance y	4.8	1,947	https://im	https://wv	Marked De	\$27.00	29 Riverwa	5	333	https://wv	Procamba	#####
3	Melanoide	Malaysian	Rooting Ge	\$16.95	At MidasH	4.3	1,986	https://im	https://wv	MidasHyd	\$16.95	15777 W 1	5	246	https://wv	Melanoide	#####
4	Trapa nata	Water che	Florastor D	\$52.51	Florastor is	4.8	4,063	https://im	https://wv	great barg	\$44.49	9 CAVILLE	5	11860	https://wv	Trapa nata	#####
5	Channa ar	Snakehead	Tigerdoe E	\$25.99	Egyptian c	4.3	168	https://im	https://wv	SSAA Acce	\$25.99	150 Airpor	4.5	91,932	https://wv	Snakehead	#####
6	Pistia strat	water lettu	Silk Shelf-S	\$10.55		4.8	7,638	https://im	https://wv	AZUSA Sal	\$15.49	6347 Utica	4	271	https://wv	Pistia strat	#####
7	Pistia strat	water lettu	VegTrug 8	\$109.56	Get your h	4.7	768	https://im	https://wv	Amazon.co	\$109.56					water lettu	#####
8	Misgurnus	Japanese v	Baby Pool,	\$28.98	Enjoy Your	4.5	382	https://im	https://wv	HIWENA	\$28.98	NO.8 TON	4.5	241	https://wv	Japanese v	#####
9	Cherax de	Yabby	LEGO Star	\$55.99	Inspire you	4.9	3,888	https://im	https://wv	ZipLineToy	\$82.99	2739 Ashle	4.5	1582	https://wv	Cherax de	#####
10	Leuciscus	ilde; Orfe	American	\$21.38	Chamaedc	4.4	1,262	https://im	https://wv	alphaestor	\$40.98	10613 Sto	4	26	https://wv	Leuciscus i	#####
11	Trapa nata	Water che	NOW Supp	\$14.59	Product De	4.7	658	https://im	https://wv	VitaminLif	\$22.03		5	109381	https://wv	Trapa nata	#####
12	Trapa nata	Water che	Ancient In	\$27.15	Pappys Sas	4.6	294	https://im	https://wv	Great Pho	\$27.14	380 LAFAY	5	418	https://wv	Water che	#####
13	Procamba	Red swam	ProDen Pla	\$34.08	ProDen Pla	4.4	3,668	https://im	https://wv	Pets' Frien	\$44.99	St. Lenina,	5	1289	https://wv	Procamba	#####
14	Leuciscus	ilde; Orfe	Gator Fran	\$269.95	The ID Ser	4.6	34	https://im	https://wv	Sam Ash	\$329.99	278 Duffy	4.5	30967	https://wv	Ide live	#####
15	Stratitoties	Water solc	CSN	\$18.71	A reformar	4.8	367	https://im	https://wv	Oxfordshir	\$25.55	Chalkys (B	4.5	147240	https://wv	Water solc	#####
16	Hydrilla ve	Hydrilla	Summit 13	\$8.99	Style: 130	4.2	6,112	https://im	https://wv	Barry's Gre	\$16.99	21016 OXE	4.5	170	https://wv	Hydrilla liv	#####

USER DATABASE

Your GLDIATR records

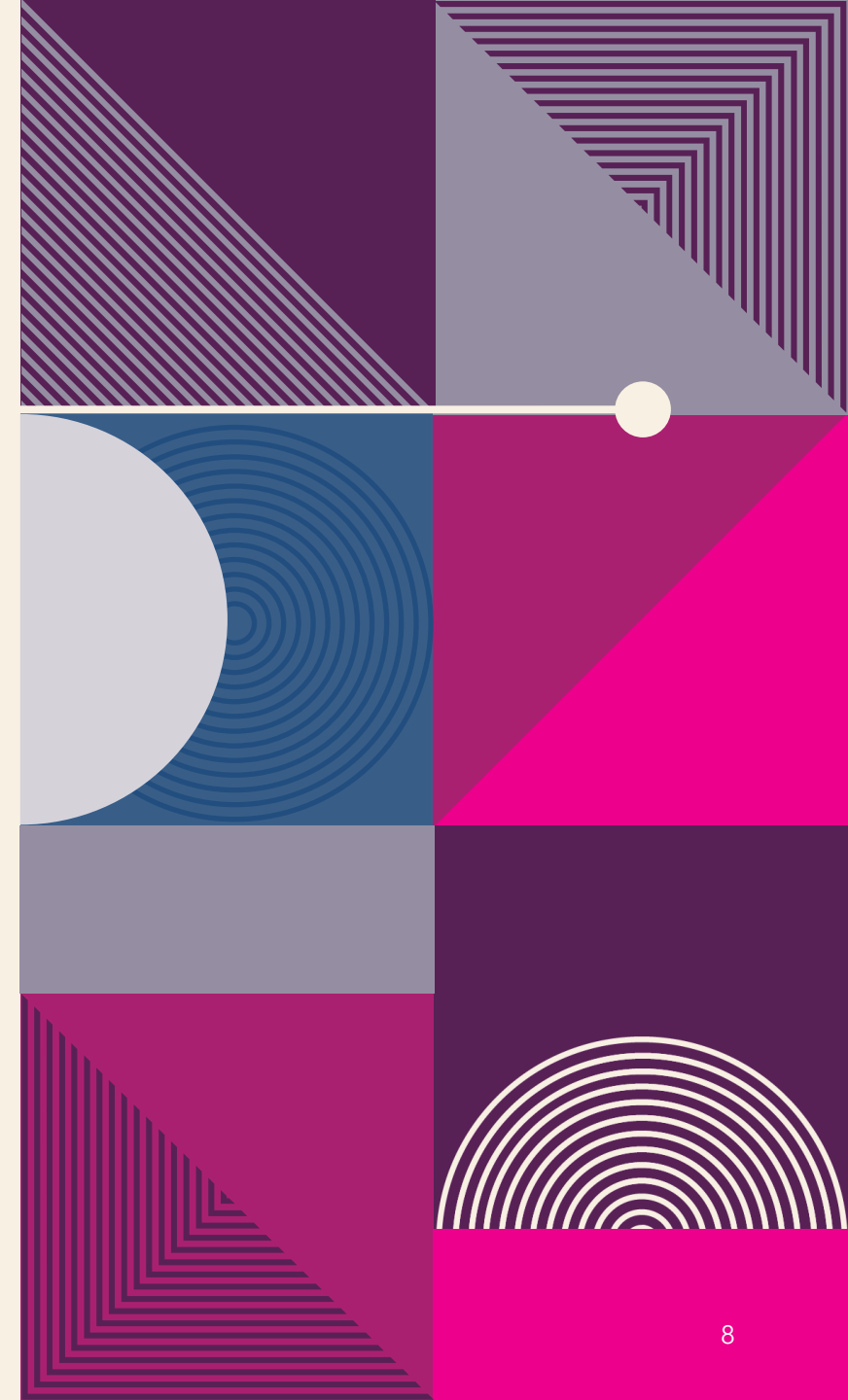
Filter:

Update

<u>GLDIATR</u>	<u>Listing</u>	<u>Date</u>	<u>Response</u>	<u>Comments</u>	<u>Con</u>							
<u>Date</u>	<u>Seller</u>	<u>Domain</u>	<u>URL</u>	<u>Locale</u>	<u>Species</u>	<u>notes</u>	<u>Status</u>	<u>Priority</u>	<u>contacted</u>	<u>status</u>	<u>Comments</u>	<u>Con</u>
Edit	2/22/2021	Weird Bing Pets LLC	http://www.bing.com	OH	Snakehead		New	Medium				Con

PILOT SPECIES LIST

Taxonomic Group	Common Name	Scientific Name
Algae	Moss Balls	<i>Aegagropila linnaei</i>
Crustaceans-Crabs	Chinese Mitten Crab	<i>Eriocheir sinensis</i>
Crustaceans-Crayfish	Marbled Crayfish	<i>Marmorkrebs</i>
Crustaceans-Crayfish	Red Swamp Crayfish	<i>Procambarus clarkii</i>
Fish	Grass Carp	<i>Ctenopharyngodon idella</i>
Fish	Northern snakehead	genera <i>Channa</i> , <i>Parachanna</i>
Fish	Silver Carp	<i>Hypophthalmichthys molitrix</i>
Fish	Bighead Carp	<i>Hypophthalmichthys nobilis</i>
Fish	Weather loach	<i>Misgurnus anguillicaudatus</i>
Fish	Black Carp	<i>Mylopharyngodon piceus</i>
Fish	Zander	<i>Sander lucioperca</i>
Mollusks-Gastropods	Chinese Mystery Snail	<i>Cipangopaludina chinensis</i>
Mollusks-Gastropods	Channeled Apple Snail	<i>Pomacea canaliculata</i>
Plant	Fanwort	<i>Cabomba caroliniana</i>
Plant	Brazilian elodea	<i>Egeria densa</i>
Plant	Hydrilla	<i>Hydrilla verticillata</i>
Plant	Yellow flag Iris	<i>Iris pseudacorus</i>
Plant	Parrot Feather	<i>Myriophyllum aquaticum</i>
Plant	Water soldier	<i>Stratiotes aloides</i>



OUTREACH MATERIALS



TEMPLATE LETTER

Advisory Committee members contact sellers within their jurisdiction, GLC staff contact sellers outside the Great Lakes



AMAZON AND EBAY GUIDANCE

Specific guidance for contacting sellers through marketplace sites



INTERNATIONAL SELLERS

Coordinate with federal agencies on international shipments entering the U.S. and/or Canada

LAUNCH TIMELINE

Nov '23-Feb '24

Short term pilot with new data fields

March-Dec '24

Full launch of web scraping tool

Beyond Dec '24

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QUESTIONS?

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