



Have you seen a new type of plant or animal that has “suddenly appeared” out of nowhere? It might be an invasive species. An invasive species is one that is not native to the area and causes harm to the environment, economy, or human health. According to the International Union for Conservation of Nature, it is estimated that 5% to 20% of non-native species are invasive<sup>1</sup>. Currently, there are 28 species listed on the State of Michigan’s Invasive Species Watch List which are posing an immediate and significant threat to the state’s natural resources<sup>2</sup>.

### TERRESTRIAL

Terrestrial invasive species include plants, insects, animals and diseases. These species are problematic as they can impact local crops, kill trees and threaten native wildlife species. Some species to keep an eye out for are Japanese stiltgrass, Asian longhorned beetle, and Oak wilt.



Japanese stiltgrass  
(David J. Moorhead)



Asian longhorned beetle  
(USDA)



Oak wilt  
(William McKnee, WI DNR)

### AQUATIC

Aquatic invasive species can out-compete native species for food and habitat. Some species can grow quickly and impact water quality and recreational activities. Species to look for include red swamp crayfish, New Zealand mudsnail and Brazilian elodea.



Red swamp crayfish  
(Joseph A. Tomelleri)



New Zealand mudsnail  
(Daniel L. Gustafson)



Brazilian elodea  
(VA Tech Weed ID Guide)

### HOW TO REDUCE THE SPREAD OF INVASIVE SPECIES!

- Inspect your gear, shoes and clothing and remove any seeds, plant matter and small organisms
- Clean any burrs or seeds from your pet’s fur after walks
- Do not empty fish tanks into rivers or streams
- Do not release live bait into waterbodies
- Buy firewood where you will be burning it
- Plant native species in your garden

### WHAT TO DO IF YOU SEE ONE!

- Take a picture and make note of where you are
- Contact the JLW Cisma or state governmental staff if you see a “watch list species”<sup>2</sup>
- Submit any sightings to the Midwest Invasive Species Information Network (MISIN). Find out more at [www.misin.msu.edu](http://www.misin.msu.edu)

## Jackson-Lenawee-Washtenaw Cisma

To address invasive species management needs across the region, a collaborative group of stakeholders from Jackson, Lenawee and Washtenaw Counties established the "Jackson, Lenawee, Washtenaw Cooperative Invasive Species Management Area (JLW Cisma)". The JLW Cisma wants to prevent, detect, eradicate and control invasive species in the area, create a strategic plan for reducing the threat of invasive species and provide outreach and educational opportunities for local citizens and stakeholder groups. The JLW Cisma would also like to coordinate and support partner efforts to survey and respond to new detections of priority invasive species. If you have any questions or would like more information, please contact the JLW Cisma coordinator, Dr. Shikha Singh, at (517) 395 - 2089 or via email at [shikha.singh@macd.org](mailto:shikha.singh@macd.org).



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<https://jlcwisma.weebly.com/>

#### Sources:

1. I.U.C.N. 2018. Invasive Species. Date Accessed: April 26, 2018. <https://www.iucn.org/theme/species/our-work/invasive-species>
2. D.N.R. 2018. Michigan’s Invasive Species Watch List and Designated Contact Person. Date Accessed: April 26th, 2018. [https://www.michigan.gov/documents/dnr/InvasiveSpecies-WatchList\\_498319\\_7.pdf](https://www.michigan.gov/documents/dnr/InvasiveSpecies-WatchList_498319_7.pdf)

