



During this field day you will learn about invasive species, their effects, and how to control them. Specific topics will include identification and impacts of invasive species at Cartier Park, common tools and treatment methods used to treat invasive species, follow-up restoration techniques. Featured speakers will include **Josh Shields**, FAP forester, arborist, and wildlife biologist with the Mason-Lake (MLCD) and Manistee Conservation Districts; Mason-Lake Conservation District staff including **Bri Jasinski**, hemlock woolly adelgid (HWA) project manager and other members of the HWA crew; Dani McGarry, Executive Director; **Jon Bednarick**, Crew lead with **North Country Cooperative Invasive Species Management Area**; and **Carolyn Henne**, botanist with the USFS.

Location and Date

*** Friday, July 19th, 2024, from 11:00am to 1:00pm, at Cartier Park’s Central Bark Park, Ludington, Michigan. Meet at the Bark Park parking lot by Lincoln Lake and please arrive at 10:45am. To get there from Lakeshore Drive/M116, go east on Bryant Road, then north on North Rath Avenue, then west on Slagle Avenue to the Bark Park parking lot. See attached map with arrows for driving route and parking area.**

*There is NO COST for attending this workshop. Lunch will be provided thanks to the Michigan Tree Farm Committee. **Please register no later than July 12th, 2024 as SPACE WILL BE LIMITED. There will be 2 continuing education credits for Certified Pesticide Applicators (Core, Forestry, Ornamental, or Right-of-Way).***

To register, sign up at <https://rb.gy/enp1ko>, call Mason-Lake Conservation District at **231-757-3707 ext. 5** or scan the QR code!



Agenda:

Time	Topic
11:00-11:45	We will observe the patch of non-native invasive shrubs near the parking area, discuss identification tips, and why they are a problem in native ecosystems. Josh Shields and Carolyn Henne will demonstrate different methods to kill these shrubs, including the use of gas-powered brush saws and hand sprayers and backpack sprayers for herbicide application.
11:45-12:15	We will observe tree of heaven (non-native invasive tree), invasive bittersweet (non-native invasive vine), and Japanese knotweed (non-native invasive forb) and discuss identification tips and why they pose problems for native ecosystems. Dani McGarry and Jon Bednarick will lead this discussion, demonstrate herbicide treatment methods and also talk about the follow-up restoration work in the form of planting native trees and shrubs. Dani will also cover tools available for rent from the District.
12:15 – 1:00	We will observe eastern hemlock and the non-native invasive insect HWA. Bri Jasinski and the HWA crew talk about HWA, how to identify it and survey for it, why it is a problem for eastern hemlock and native forest ecosystems, and demonstrate equipment and insecticides used to combat HWA. We will also observe a buckthorn treatment area and alternative methods used to treat this species.
1:00 pm	LUNCH and discussion time!

PARK HERE

