

How to look for EAB



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Crown Decline (top down)

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UGA1249001



Epicormic Shoots



Bark Splitting

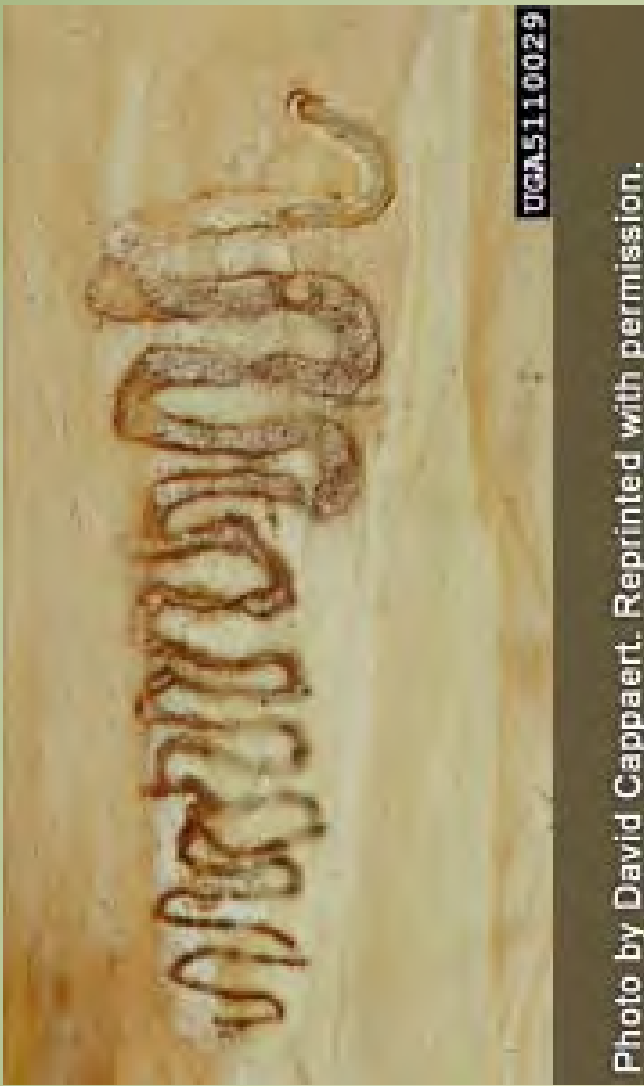
Michigan Department of Agriculture, Bugwood.org



Troy Kimoto, Canadian Food Inspection Agency, Bugwood.org



UGA1249001



- Larvae tunnel under bark and feed on cambium in S-shaped galleries
- Feed from July to October
- Extensive larval feeding disrupts translocation

Not EAB: dead ends, Y-forks



S-shaped Galleries





- Four larval instars (stages)
- Most larvae overwinter as pre-pupae
in either bark or upper sapwood



D-shaped exit holes

Photo: University of Wisconsin Entomology

Bark flecking / woodpecker feeding



David Cappaert, Michigan State University, Bugwood.org UGA1372003



Jim Tresouthick, Village of Homewood, Bugwood.org

5389740

Don't feed on EAB



Pileated woodpecker



Sapsucker

DO feed on EAB



Downy Woodpecker



Nuthatch



Hairy Woodpecker



So How Do We Monitor For EAB?



Trap Trees



Purple Traps



Public Education



Biosurveillance



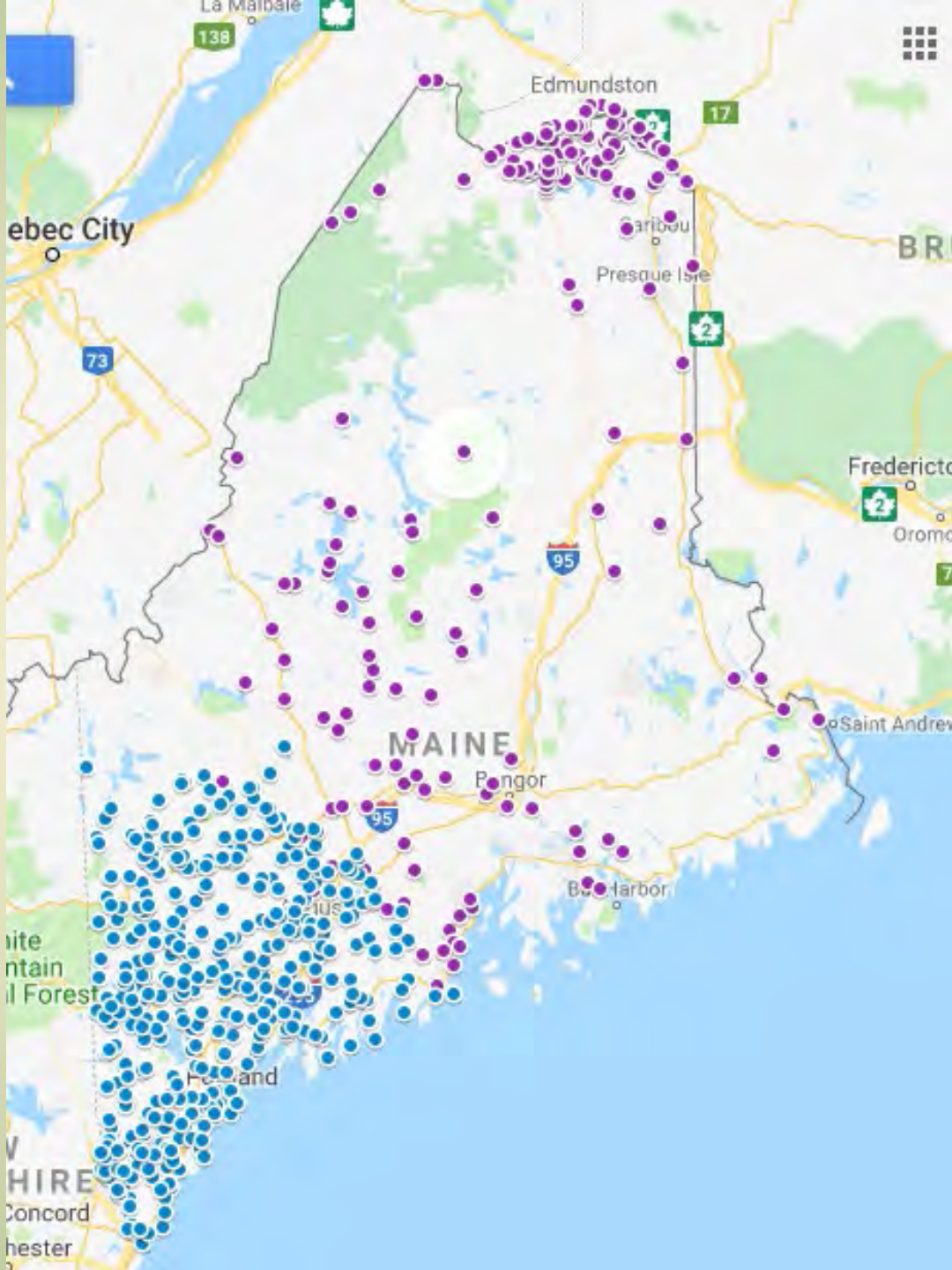
Biosurveillance

Purple Sticky Traps

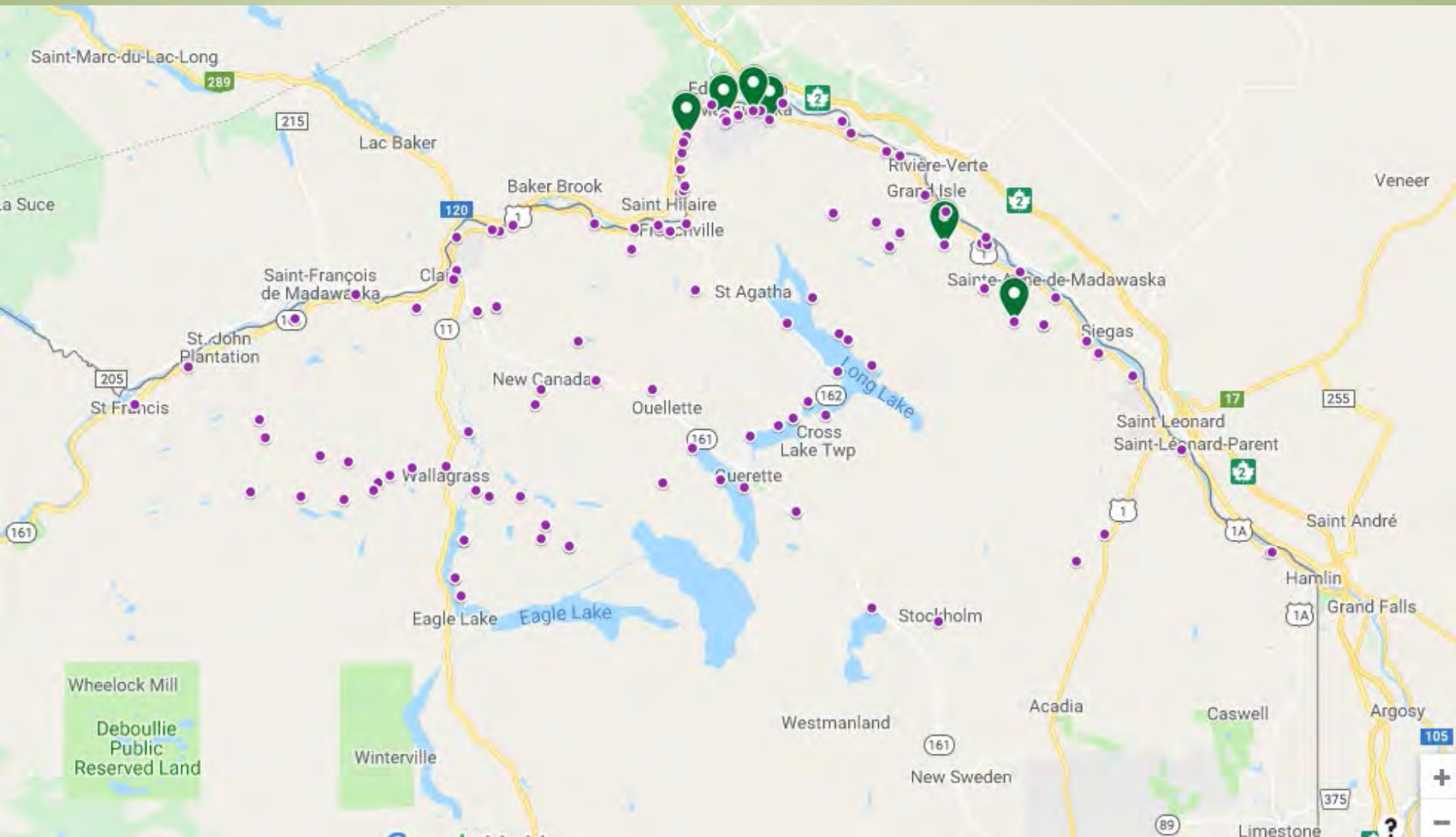
- Least sensitive
- Most user friendly
- Cheapest



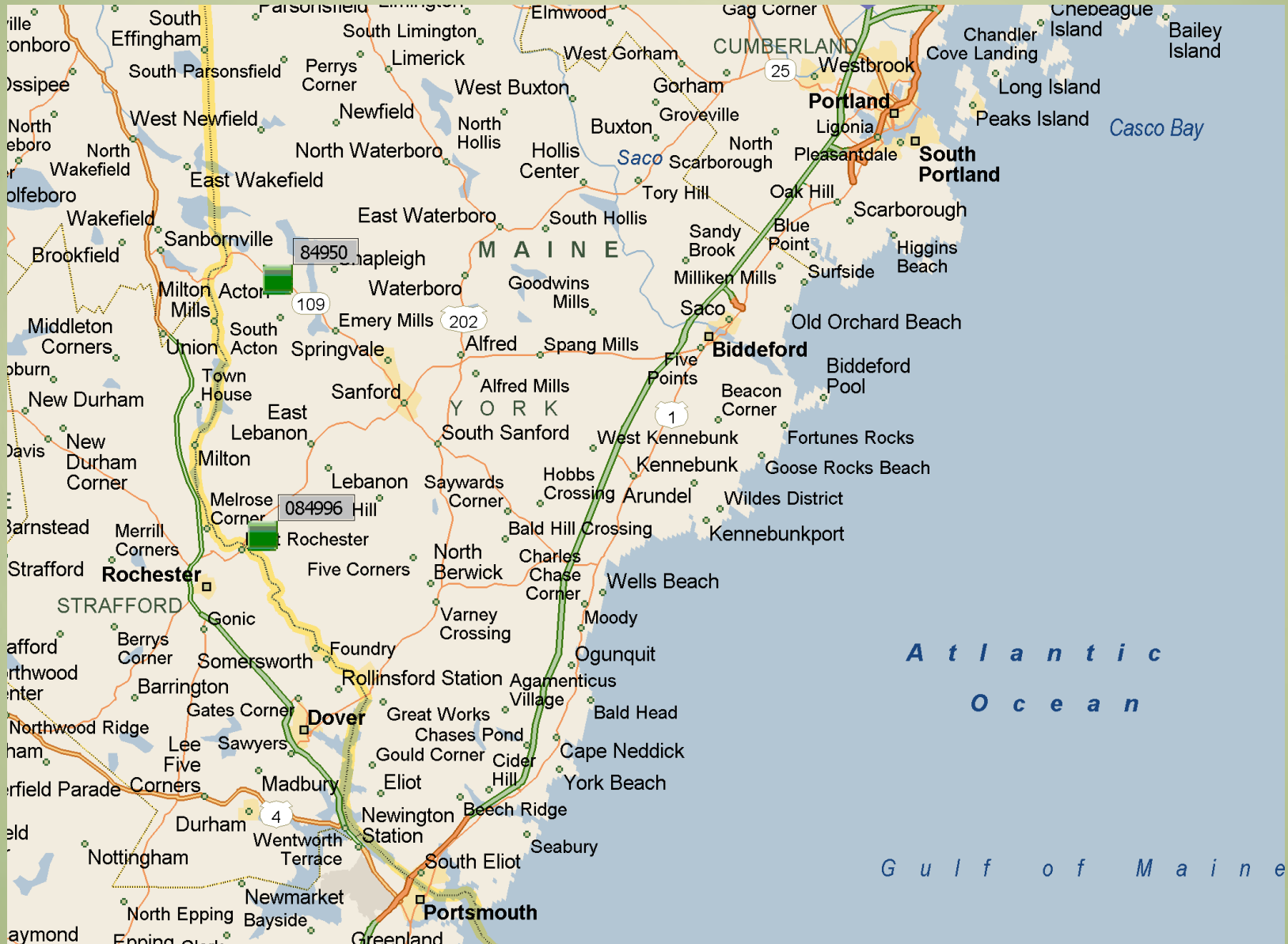
Purple traps in Maine 2018



Positive purple traps - North



Positive purple traps - South



Trap trees

-fairly sensitive

-lots of work!



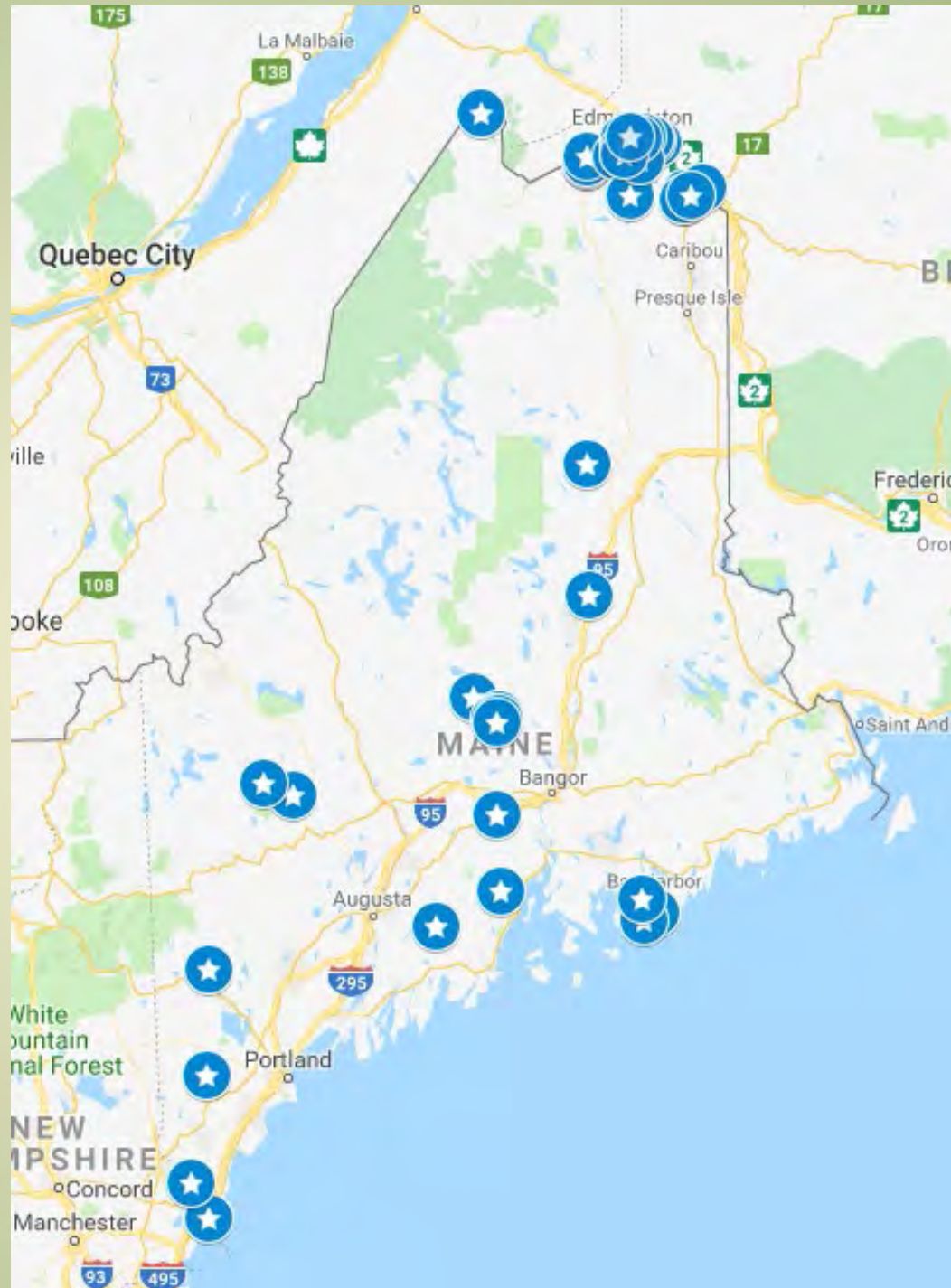




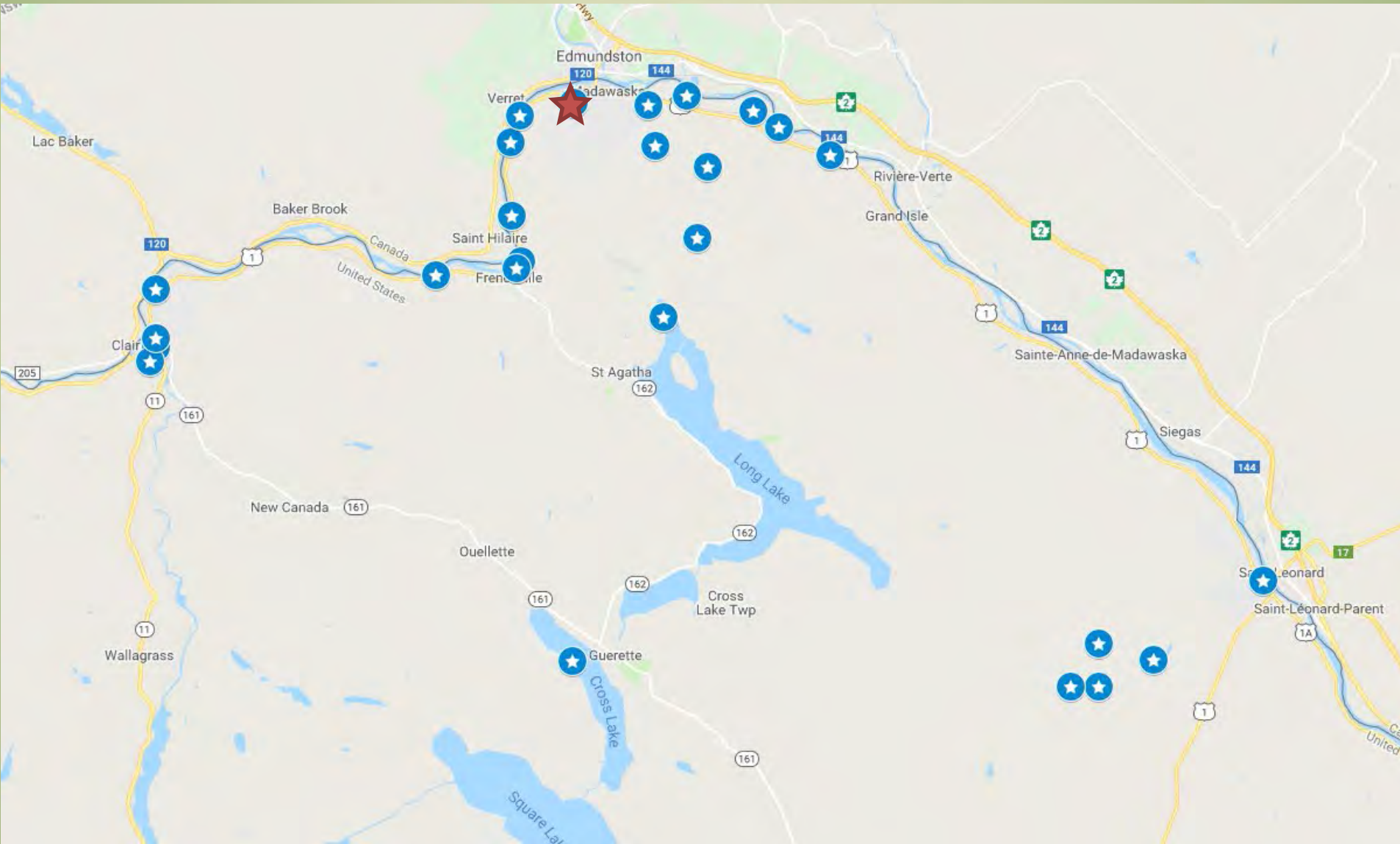
Log-peeling workshops



Girdled trap trees - 2018



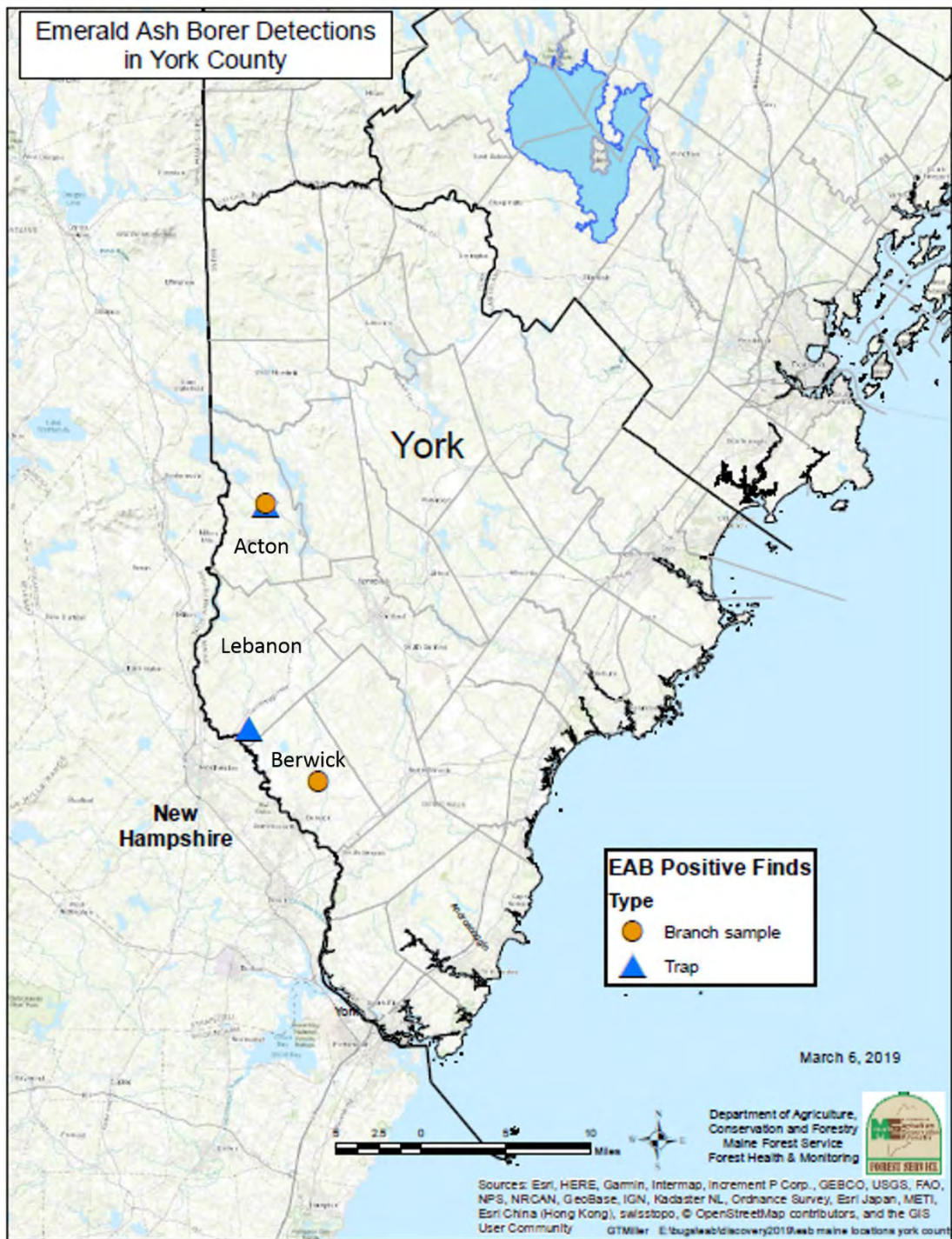
Girdled trap trees - north



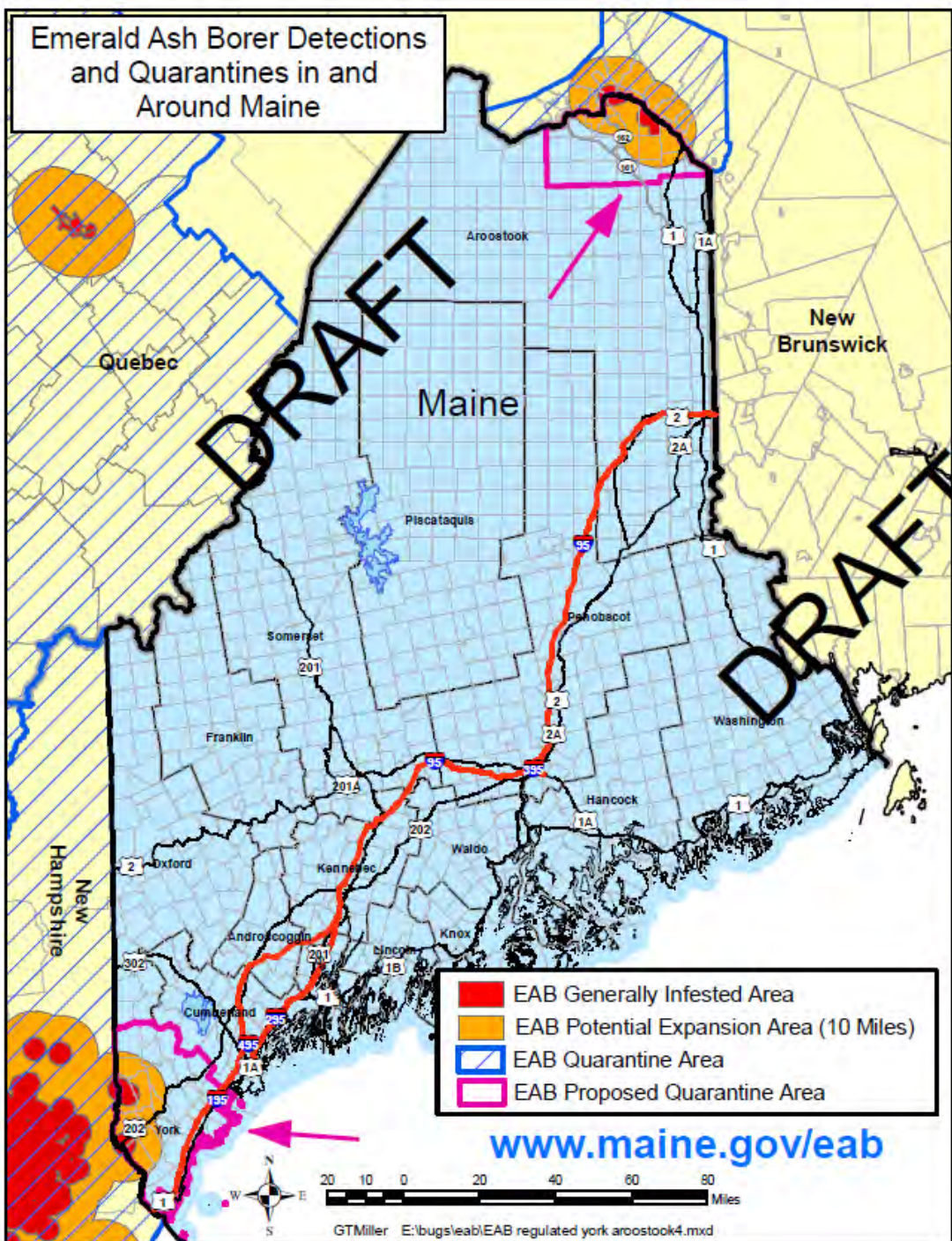
Branch sampling



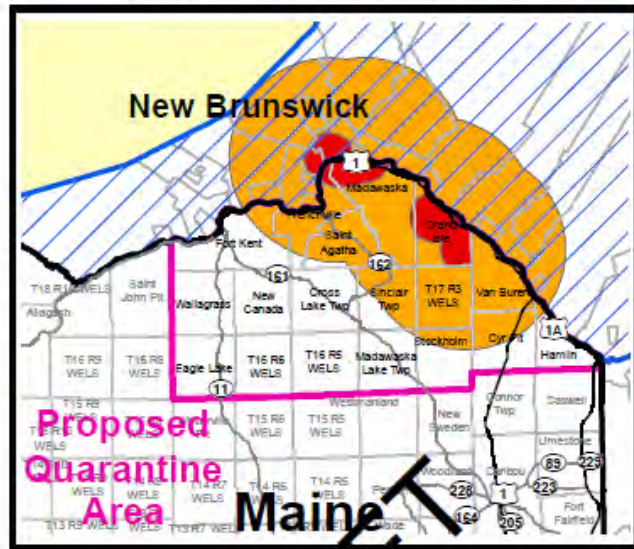
Emerald Ash Borer Detections in York County



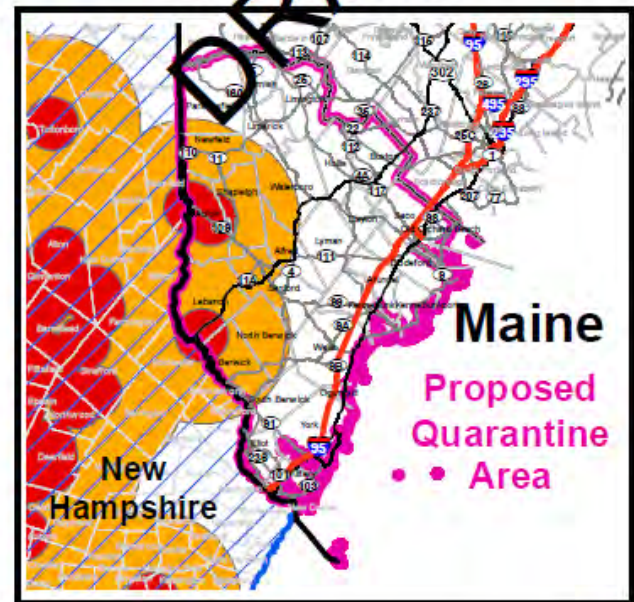
Emerald Ash Borer Detections and Quarantines in and Around Maine



Aroostook County Towns



York County Towns



November 19, 2018

Department of Agriculture,
Conservation and Forestry
Maine Forest Service
Forest Health & Monitoring



Regulated Articles

Based on Federally Regulated Articles

(true ash, not mountain-ash)

- Ash roundwood
- Ash green lumber
- Chipped material with ash
- Hardwood firewood that has not undergone certified heat treatment
- Rooted ash

Affects material that originated within the Order Area or has been held within the Order Area

