



File Code: 3410

Date: August 17, 2017

Kevin Schneider
Park Superintendent
Acadia National Park
P.O. Box 177
Bar Harbor, ME 04609-0177

Dear Mr. Schneider:

The US Forest Service, Forest Health Protection staff completed the 2017 aerial detection survey for Acadia National Park on June 12, 2017. Attached is a draft map that depicts the areas of damage by damage type (mortality, dieback, discoloration and defoliation), damage causal agent, and forest type. Approximately 434 acres of damage were mapped throughout, and adjacent to the park. This is down from the 5,147 acres mapped in 2016. Approximately 303 acres were mapped as white pine needle damage and 131 acres were mapped as red pine mortality caused by the invasive red pine scale, *Matsucoccus matsumurae*. The invasive winter moth was again detected defoliating hardwoods along the Maine coast south of the park but was not detected within Acadia National Park and appeared less apparent than in previous years. These data, along with the rest of the insect and disease survey results from the country will be available at: foresthealth.fs.usda.gov. The following links provide more information on [white pine needle damage](#) and [red pine scale](#).

In addition to the annual aerial survey, a satellite driven change detection tool called Forest Disturbance Monitor is being used throughout the season to flag potential areas of pest activity. The disturbance monitor is updated every eight days and is also located at: foresthealth.fs.usda.gov.

Finally, the Forest Service has developed a new Forest Health Advisory System utilizing data from the 2013-2027 National Insect and Disease Forest Risk Assessment. The advisory system derives forest insect and disease summaries by National Forest and National Park which can be used as announcements, bulletins, or online links (<http://foresthealth.fs.usda.gov/fhas/>).

If you have any questions or concerns, or would like further information or a site visit, please contact Ryan Hanavan at 603-868-7715 (rhanavan02@fs.fed.us), or Mike Bohne at 603-868-7708 (mbohne@fs.fed.us).

Sincerely,

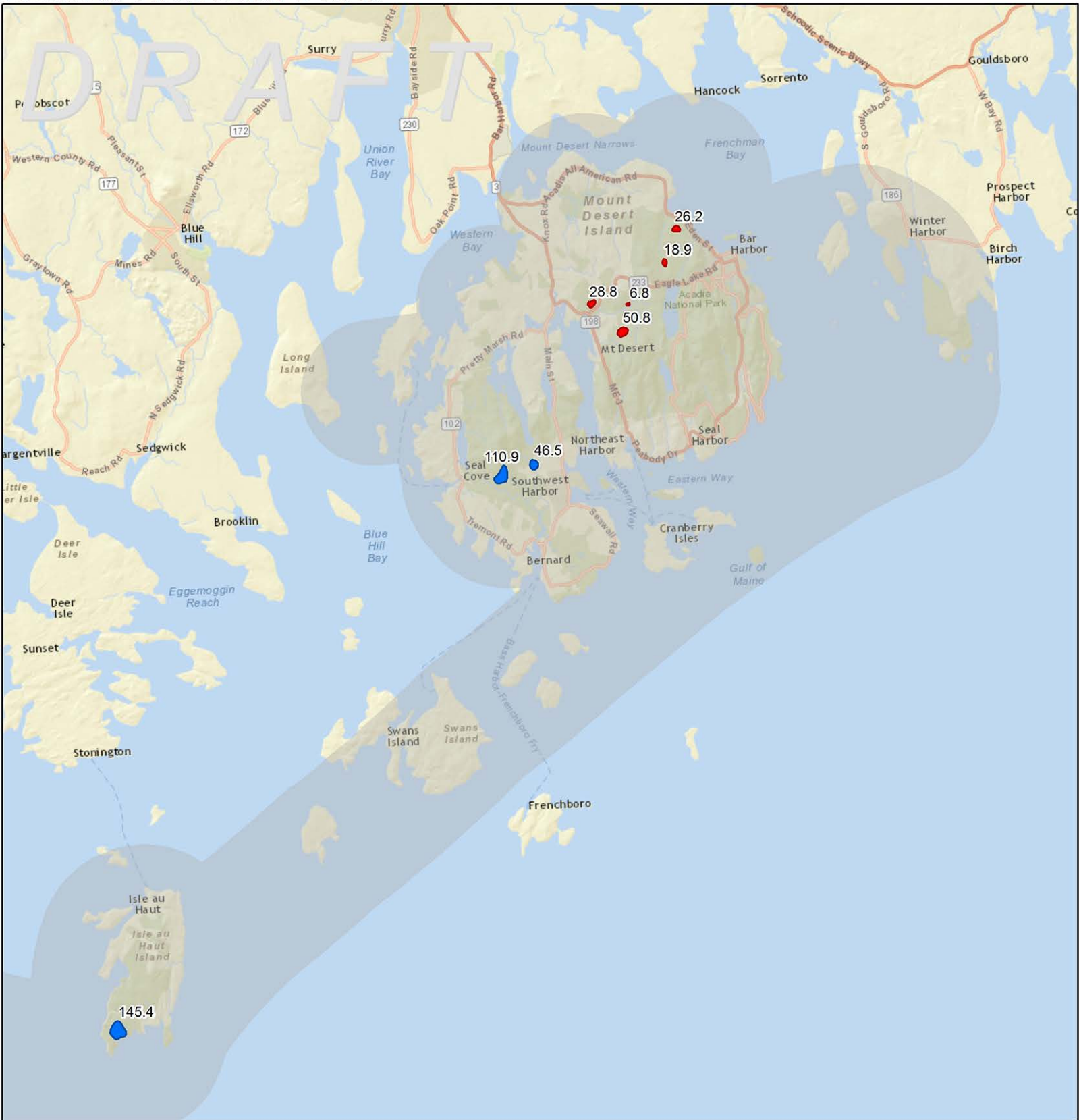
/s/ *Constance A. Carpenter*
Field Representative

Enclosures (3)

cc: Judy Hazen Connery
Doug Denico
Michael Bohne
Ryan Hanavan
William Frament

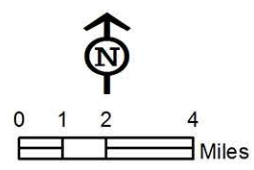


Acadia National Park



2017 Aerial Detection Survey

- Red Pine Scale - 131.4 ac
- White Pine Needle Damage - 302.8 ac
- Area Flown



Date Flown: June 8, 2017