



File Code: 3410

Date: August 17, 2015

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

Dear Mr. Steele,

The US Forest Service, Forest Health Protection staff completed the 2015 aerial detection survey for Acadia National Park on June 09, 2015. 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 470 acres of damage were mapped throughout, and adjacent to the park. Twenty four acres were mapped as light defoliation in the northern hardwood type, 80 acres were mapped as white pine needle damage and 370 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. The 2015 data, along with the rest of the insect and disease survey results from previous years will be available at: foresthealth.fs.usda.gov. More information on white pine needle damage, red pine scale and winter moth is attached.

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 contact Kevin Dodds at 603-868-7743 (kdodds@fs.fed.us).

Sincerely,

/s/

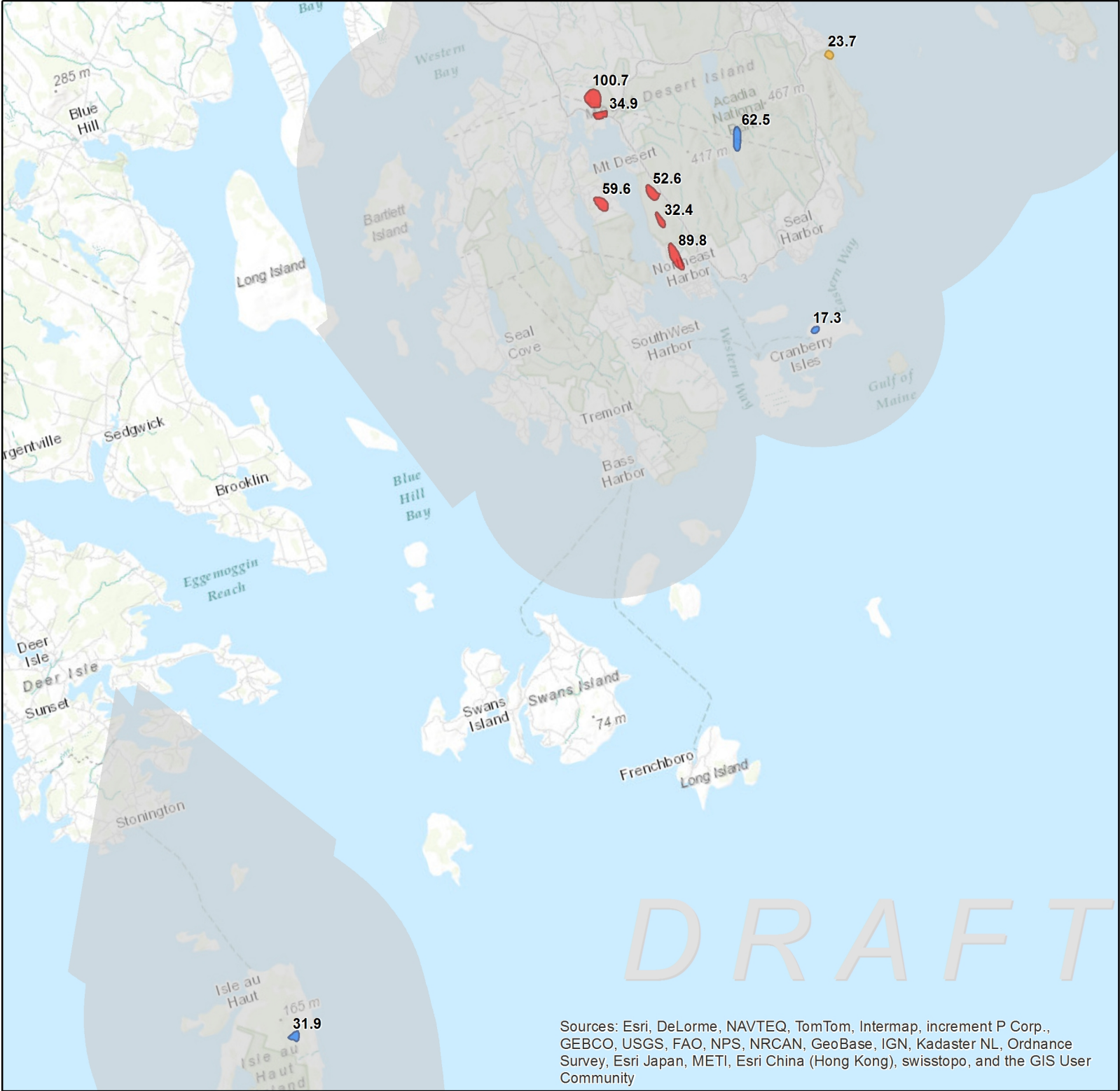
Field Representative



Enclosures (4)

cc: Sheridan_Steele
Judy_Hazen_Connery
Doug.denico
Dave Struble
Kevin Dodds
Ryan Hanavan
William R Frament

Acadia National Park



Key

Aerial Survey 2015

- Unknown defoliator
- Defoliation from white pine needle damage
- Mortality from red pine scale
- Area Flown
- 0.0 Acreage of the damage area

Date Flown: June 11, 2015

