N.H. Sea Grant Research Project Post Completion Report
For time period 2/1/14 – 1/31/15

Today's date: 3/2/15

Project number: R/CFR-11

Project title: Sperm Limitation in the American Lobster Fishery

Project initiation date: 2/1/2008

Project completion date:

Principal investigator: Win Watson

Affiliation: UNH

Accomplishments during 2/1/14 – 1/31/15:
During the past year we presented talks and posters concerning this project at the International Lobster Conference, we carried out an important experiment concerning lobster mating behavior during the summer of 2014, an we have drafted a paper we intend to submit to Science that summarizes our results from that experiment. In addition, Tracy Pugh completed her PhD Thesis, which was made possible, in large part, but this grant.

Related grants and contracts (Other grants and contracts that funded this research or that were obtained as a result of this research.):
I submitted two grants this year that were based on data we obtained during the course of this project. One was submitted to NSF. It concerned the mating behavior of lobsters in their natural habitat. The other was submitted to NOAA. It concerned the impact of Climate Change on lobster reproduction. Both are pending.

Publications to date received by N.H. Sea Grant:


Pugh, Tracy. The reproductive success of American lobster: evaluating the influence of males and the subsequent impacts to lobster fishery management. PhD Thesis. UNHMP-D-SG-12-07

Additional Publications

Theses/Dissertations:

Presentations during 2/1/14 – 1/31/15, with published abstract citation if applicable:
We presented three talks at the International Lobster Conference that were based on the research we conducted with the support of Sea Grant. You have already received information about these talks, and the abstracts (last year’s Prog. Report).

Students Supported (see next page) All fields are required
**Students Supported** *All fields are required – only enter students who were new or continuing during 2/1/14 – 1/31/15*

<table>
<thead>
<tr>
<th>Student Name</th>
<th>Institution</th>
<th>Cont’d or New for 2014?</th>
<th>Where is he/she now?</th>
<th>Dates of support</th>
<th>Type of degree: Undergrad Master’s PhD</th>
<th>Year degree awarded</th>
<th>Title of thesis (if supported by N.H. Sea Grant)</th>
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<tr>
<td>Elizabeth Morrissey</td>
<td>UNH</td>
<td>Cont.</td>
<td>Grad student at UNH</td>
<td>6/1-9/1/14</td>
<td>MS</td>
<td>Pending</td>
<td>Lobster recruitment in Great Bay</td>
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<tr>
<td>Hannah Cole</td>
<td>UNH</td>
<td>New</td>
<td>UNH Alum</td>
<td>6/1-9/1/14</td>
<td>BS</td>
<td>2014</td>
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