

## **Connecticut Sea Grant Data Management Form** ***Project Completion Phase***

***Date Submitted (required answer): 10-30-2018***

***Title of the Proposal (required answer):***

**Sensitivity of larval and juvenile sand lance *Ammodytes dubius* on Stellwagen Bank to predicted ocean warming, acidification, and deoxygenation**

***Name of the lead PI (required answer): Sea Grant requires that the lead PI serve as the data steward.***

**Hannes Baumann**

***Contact Information (required answer):***

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***Dataset Description(s) (required answer): What data do the dataset(s) contain? This includes details on data type, format, collection times / date range, etc. What name(s), if any, will be designated to the dataset(s)?***

***Survival to hatch of sand lance embryos reared at 3 temperatures x 3 CO<sub>2</sub> levels in 2016/17 and 2017/18***

***Size of newly hatched sand lance larvae, yolk-sac area and oil globule volume from experimental individuals***

***Size of larval sand lance reared at factorial temperature x CO<sub>2</sub> levels***

***Issues: Are there any legal, access, retention, etc. issues existing for the dataset(s) (i.e.; IRB restrictions)?***

**No.**

***Data Size: What is the estimated size of the dataset? Please report estimated number of MB, GB, TB, etc., collected.***

**~ 500KB**

***Data Format: What format(s) do(es) the dataset(s) utilize? (i.e., Excel file, model code, audio/video recording, etc.)***

**Excel, CSV**

***Ownership (required answer): Who owns the data, if not the lead PI?***

**Baumann owns the data**

***Post-Processing: What post-processing and/or QA/QC have these data undergone? What organizations performed this post-processing and QA/QC to prepare the data for deposition into a repository?***

**Data were cross-checked with hand-written notes, checked for outliers/erroneous entries/numbers**

**Preservation Plan (required answer):** What data repositories were used to host the dataset? If none, how were the data preserved? Please provide URL for any data repositories that were used to preserve this data and any necessary information needed to extract the data. The data will be submitted to the BCO-DMO database at the time of manuscript submission

**Keywords (required answer):** Please provide a list of terms used to query the database.  
Northern sand lance, *Ammodytes dubius*, ocean acidification, ocean warming

**Release Date (required answer):** When will this dataset be available to the public?  
Reminder: the release date must be no later than 2 years after the end of the project.  
November 2018

**Products (required answer):** Have any information or data products been developed from this dataset? Which organization(s) produced these products? Please provide a location for any products that were produced as a result of this project.

- Murray, C.S., Wiley, D., and Baumann, H. Northern sand lance (*Ammodytes dubius*) may be particularly sensitive to ocean acidification and warming. Global Change Biology (to be submitted)

**Preferred Data and Product Citations (required answer):** How should data, publications, or any other project outcomes be referenced?  
Data sets submitted to BCO-DMO will be issued a digital object identifier and can therefore be referenced

**Other Comments:** Are there any additional comments related to the data that you produced with your Sea Grant funding?