

# North Atlantic Right Whale Consortium

## 2011 ANNUAL MEETING

2-3 November 2011  
New Bedford Whaling Museum, New Bedford, MA USA

### 02 NOVEMBER 2011

0800            **Breakfast Available**

0830-1000    **Registration Check-In**

0830            **Welcome**

### NARW IDENTIFICATION CATALOG UPDATE

0840    North Atlantic Right Whale Catalog update and whale naming results. Philip Hamilton, Marianna Hagbloom, Amy Knowlton, Marilyn Marx, Heather Pettis, Jessica Taylor, Monica Zani

### MORTALITIES

0900    North Atlantic right whale mortalities Nov 2010 – Oct 2011. William McLellan

### MANAGEMENT

0915    Atlantic Large Whale Take Reduction Plan (ALWTRP): Update on Activities. Kate Swails and Barb Zoodsma.

0930    Of Denial and Delay: Addressing the Latest Failures to Act for Right Whales. Sierra Weaver, Sharon Young, and Regina Asmutis-Silvia.

0945    OPEN DISCUSSION

1010    BREAK

### HEALTH AND PHYSIOLOGY

1045    Growth and rapid early development of North Atlantic right whales. Sarah M. Fortune, Andrew W. Trites, Wayne L. Perryman, Michael J. Moore, Heather M. Pettis, Morgan S. Lynn

1100    The Determined Absorbance Spectra of the Rod Visual Pigment from the North Atlantic Right Whale (*Eubalaena glacialis*) and Its Utility in Estimating the Absorbance of Mysticete Rhodopsins. Nicole Bischoff, Benjamin Nickle, Thomas W. Cronin and Jeffrey I. Fasick.

- 1115 Using Visual Health Assessments to estimate timeframes of decline in right whale (*Eubalena glacialis*) health. Heather Pettis, Rosalind Rolland, Philip Hamilton, Amy Knowlton, and Scott Kraus.

### **NEW APPROACHES**

- 1130 Using effort, sightings, and body condition data to estimate health and survival: an introduction to the PCAD approach. Robert Schick, Scott Kraus, Roz Rolland, Amy Knowlton, Philip Hamilton, Heather Pettis, Bob Kenney, and James Clark.

1145 OPEN DISCUSSION

1205 LUNCH

### **DISTRIBUTION**

- 1330 Habitat Use by Individual North Atlantic Right Whales in Jeffreys Ledge and Cape Cod Bay: An Assessment of Habitat Connectivity and Overlap. Kate Longley; Solange Brault, Ruth H. Leeney, Mason Weinrich, and Tim Cole.

- 1345 Tidal advection of food explains the right whale historical distribution in Roseway Basin. Kimberley Davies, Christopher Taggart, and Tetjana Ross.

- 1400 Changes in the residency pattern of right whales in Cape Cod Bay and the adjacent waters: trends and management impacts. Laura Ganley, Christy Hudak, Robert Lynch, Karen Stamieszkin, and Charles A. Mayo.

### **SHIPPING**

- 1415 Accuracy of vessel information submitted to the Mandatory Ship Reporting System in the southeastern U.S. Stephanie Cain, Joel G. Ortega-Ortiz, and Mark Mueller.

- 1430 Frequency of Whale and Vessel Collisions on the US Eastern Seaboard: Ten Years Prior and Two Years Post Ship Strike Rule. Richard M. Pace, III.

1445 OPEN DISCUSSION

1510 BREAK

- 1545 Report Card  
Open forum on the NARWC

1730-1930 **Poster Presentation and Reception: Jacobs Family Gallery**

Modeling the reproductive effects of climate-driven variations in food availability in North Atlantic right whale populations. Erin Meyer-Gutbrod, Andrew Pershing, and Chuck Greene.

The CALVIN Project Science Education Model. William McWeeny, Jacob Witting, and Morgan Zenter.

### **03 NOVEMBER 2011**

- 0800            **Breakfast Available**
- 0800-1000      **Registration Check-In**
- 0830            **Break Out Group Meeting Time**
- 0930            **Business Meeting**
- 1030            **BREAK**

### **EDUCATION**

- 1100 The CALVIN Project Science Education Model. William McWeeny, Jacob Witting, Morgan Zenter.

### **ACOUSTICS AND BEHAVIOR**

- 1115 Long-Term Trends in Right Whale Behavior: a harbinger of habitat change? Christy Hudak, Laura Ganley, Karen Stamieszkin, Robert Lynch, Amy Costa 1, and Dr. Charles Mayo.
- 1130 North Atlantic right whale (*Eubalaena glacialis*) acoustic activity on a wintering ground in the Central Gulf of Maine. Bort, Jacqueline E., Todd, Sean, Stevick, Peter, Van Parijs, Sofie, and Summers, Erin.
- 1145 Behavior of North Atlantic right whale mother-calf pairs. Susan E. Parks, Sofie Van Parijs, Lisa A. Conger, and Jennifer B. Tennesen.
- 1200 OPEN DISCUSSION
- 1220 LUNCH

### **FISHING INTERACTIONS: DOCUMENTATION AND MITIGATION**

- 1330 Atlantic Large Whale Disentanglement Network Update, October 2010-September 2011. Jamison Smith and David Morin.
- 1345 The behavioral impacts of disentanglement of a right whale under sedation and the energetic cost of entanglement. Julie van der Hoop, Michael Moore, Alessandro Bocconcelli, Jamison Smith, Tom Pitchford, Clay George, and David Morin.
- 1400 Line, sedation, disentanglement, and monitoring tag complications with shark trauma in a terminally entangled North Atlantic right whale (*Eubalaena glacialis*) Michael Moore.

- 1415 A model of entanglement risk for lobster fishing gear off the coast of Maine. Chris Brehme, Hauke Kite-Powell, Scott Kraus, Kerry Lagueux, Patrice McCarron, Heather Tetrault, and Brooke Wikgren.
- 1430 A Fine Scale Determination of Lobster Gear Density in Areas of Potential Risk for Entanglement to North Atlantic Right Whales in Maine Coastal. Walk, Dominique, Summers, Erin, Howe, Kelsey, and Ludwig, Laura.
- 1445 Fishing-gear threat to right whales in Canadian waters and the risk of lethal entanglement. Angelia S.M. Vanderlaan, R. Kent Smedbol, and C.T. Taggart.
- 1500 OPEN DISCUSSION
- 1530 **Closing Announcements**