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2016 AQ Summit: Scallop & Razor Clam Sub-sector Update by Dana Morse

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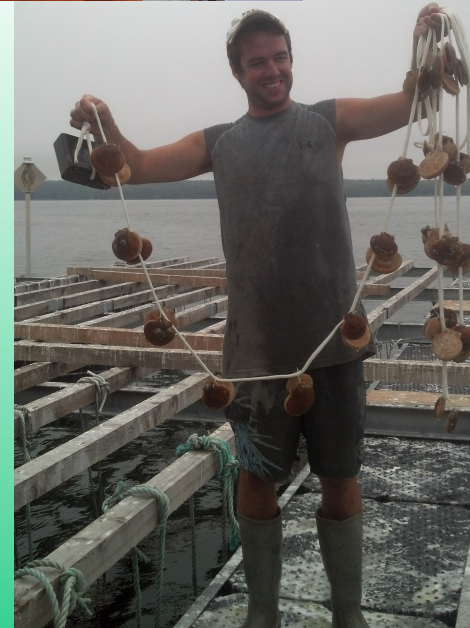
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Progress in aquaculture of sea scallops (*Placopecten magellanicus*) in Maine.



A group effort....

Marsden, Bobby and Donna Brewer – F/V Lindsay Marie

Hugh Cowperthwaite – Coastal Enterprises Inc.

Terry Gray – Grays Mussel Farm

Mark Green – Peaks Island Shellfish

Kohl Kanwit – Maine Dept. of Marine Resources

Andy Mays – F/V Lost Airmen

Dana Morse – Maine Sea Grant and UMaine Cooperative Extension

Ed Perry – F/V Rachel

Nate Perry – Pine Point Oyster

Kyle Pfau – Univ. of Maine

Kevin Scott – E+K Shellfish

Alison Sirois – Maine Dept. of Marine Resources

Peter Stocks – Calendar Island Mussels

Chris Vonderweidt – Maine Dept. of Marine Resources

Evan Young – E+K Shellfish

Why even think about scallops?

- Generally: looking for alternatives for income on our working waterfronts
- US catch is \$550 million-plus (Maine 1% of that)
- Potential for new products and market (niche markets already via MA and Atlantic Canada)
- Biotoxin testing (\$) is the principal challenge in sales of live/whole product

"When they are right, Maine scallops are the best on the entire global market."

- Jay Trenholm, 1999

Development Potential of the Maine Scallop Industry

submitted to:

Department of Marine Resources

submitted by:

Gardner Pinfold Consulting Economists Limited

January, 2001



Photos: Culti-Mer



Aomori, 1999



The Culture of Japanese Scallops (*Patinopecten yessoensis*)

Report of the
Maine Delegation to Aomori Prefecture, Japan
May 14-21, 1999

Delegation Members:

Brian F. Beal, Ph.D., Machias, Principal Writer & Editor
Michael M. Hastings, Hampden, Delegation Leader
Laura Taylor, Cumberland
Tom Pottle, Perry
Stephen Rappaport, East Blue Hill
Dana Morse, Brunswick
Kristin Porter, Cutler
Susan Inches, Yarmouth
Will Hopkins, Eastport
Jay Trenholm, Camden





Scallop collectors set in
September,
retrieved in May-June



Tom Pottle, Eastport, 2000-2002





Marsden and Bobby Brewer, Stonington



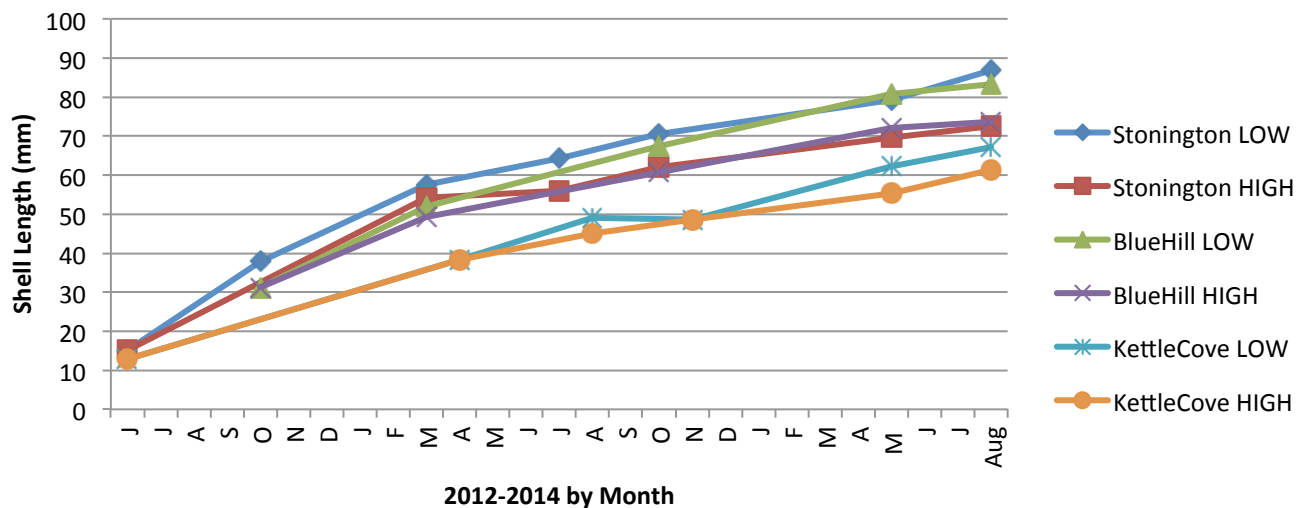
Evan Young, Kevin Scott – Blue Hill



AquaTrays: Nate Perry
(Pine Point Oyster Co.,
and at Darling Marine Center



Scallop Growth High vs Low Density



A few early trial sales of live product took place:
 too early to tell depth of interest
 though prices were favorable, in excess of \$1.00/piece.

Bottom line though:
 Biotoxin testing is expensive, and hampers profitability.

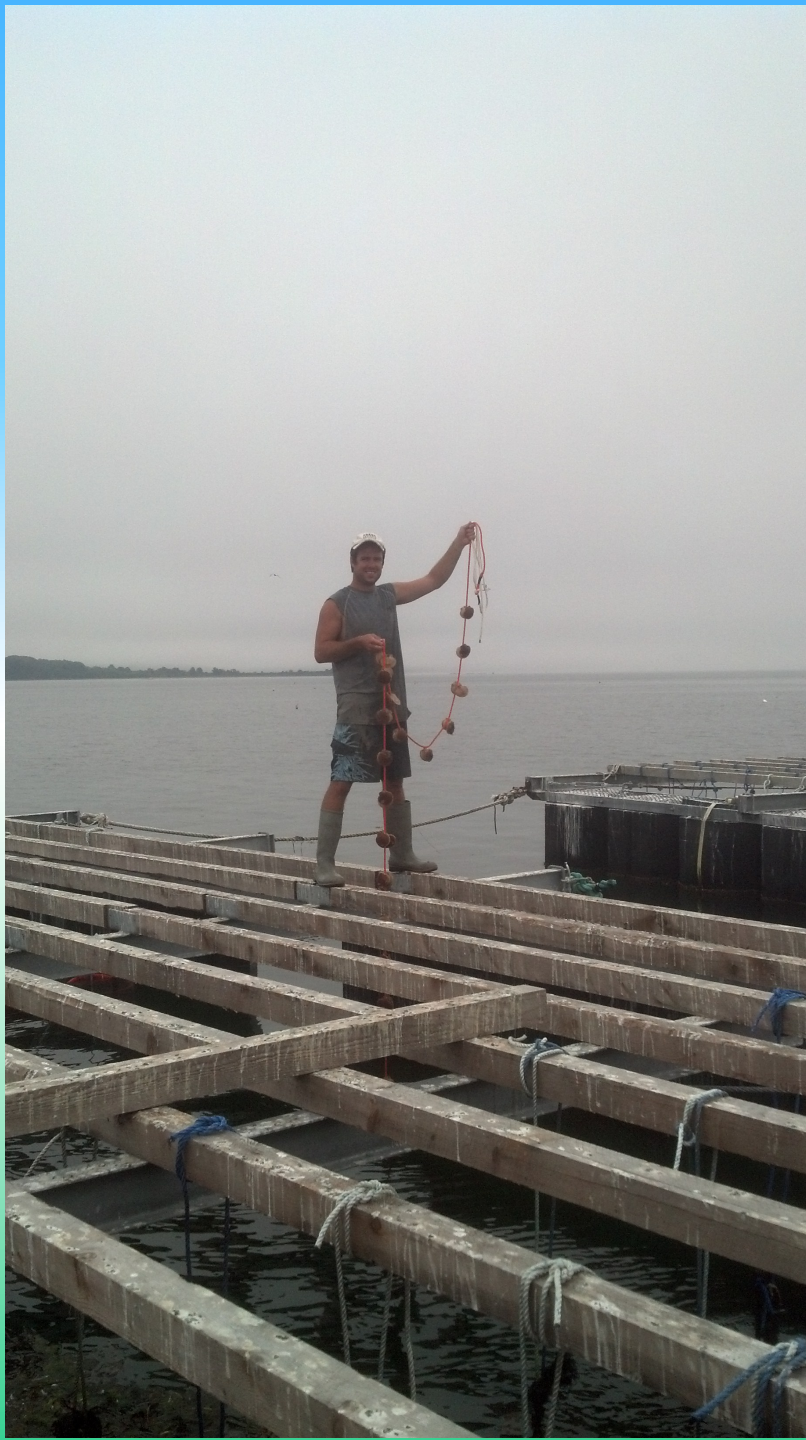




Ear-hanging lines, donated by Mr. Hiroaki Sugiyama, owner of Mutsu-Kaden Tokki LTD, Japan

Ear-hanging trials underway on small scale – 2014 and 2015

Lane Hubacz (Calendar Island Mussels – left),
D. Morse and Hugh Cowperthwaite (CEI, right)





Fast Growth and Quality Product



Razor Clams (Rawson, Devin, Morse, and partners)

Razor Clams:
Sporadic market but fair prices for producers (\$2-\$6 per pound). Hatchery and nursery techniques coming along well, few techniques presently for growout.





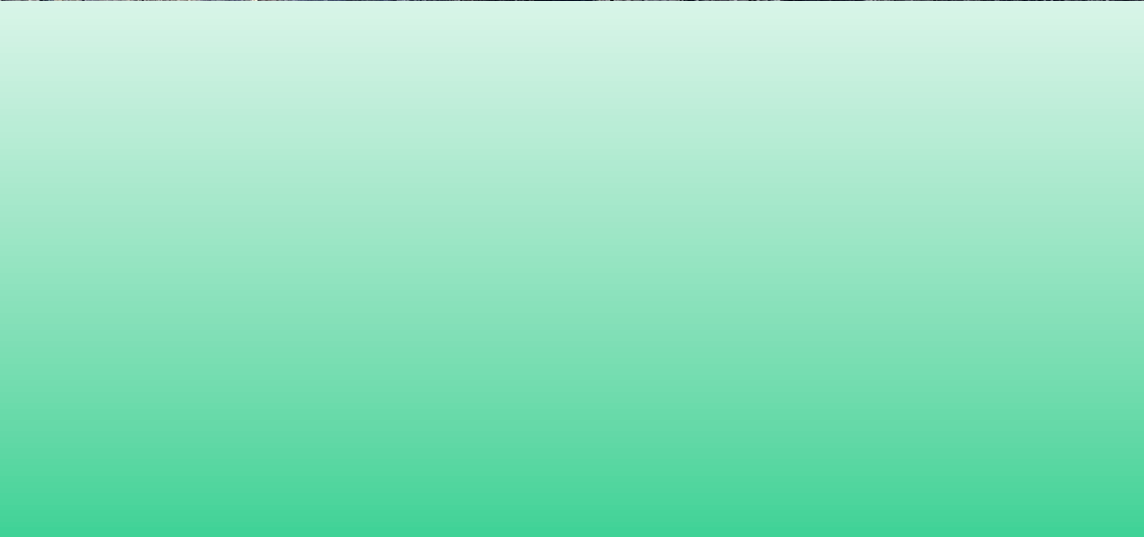
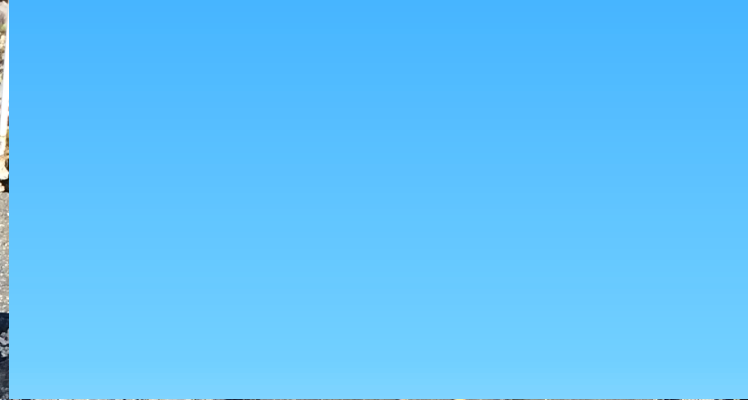




Settlement: sand-filled trays,
or in a bare tank.....







Stay Tuned!!