

Summary of Recent Scallop RSA Awards

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Table 1 - 2018/2019 project funding by RSA Priority group (includes 2-year projects)

Priority	Number of Projects Funded	Total estimated funding (lbs x common price)	Percentage of total estimate funding	Pounds Awarded	Research Cost
Survey	9	\$6,261,073	50.96%	596,293	\$1,480,825
Bycatch	2	\$2,871,771	23.37%	273,502	\$717,943
Biology	3	\$2,391,006	19.46%	227,715	\$544,482
Turtle	1	\$762,395	6.21%	72,609	\$190,599
Grand Total	15	\$12,286,245	100.00%	1,170,119	\$2,933,849

Table 2 - Total projects and funding by research priority: 2010 - 2018

Priority	Number of Projects Funded	Percent of Total Projects Funded	Total estimated funding (lbs x common price)	Percentage of total estimated funding
Survey	56	44%	\$42,845,258	39%
Bycatch	30	24%	\$32,053,938	29%
Turtle	10	8%	\$7,988,832	7%
Biology	9	7%	\$7,365,070	7%
Non-harvest mortality	8	6%	\$6,643,424	6%
Ecosystem/ Habitat	7	6%	\$6,412,691	6%
Meat Quality	5	4%	\$2,965,334	3%
Survey/Habitat	1	1%	\$2,665,944	2%
LPUE	1	1%	\$270,199	0%
Grand Total	127	100%	\$109,210,690	100%

Table 3 - 2019/2020 Scallop RSA Awards

Priority	Title	Org.	Funding	Research Cost	Pounds
Survey	An Optical Assessment of Sea Scallop Abundance, Distribution, and Growth in the Nantucket Lightship and southern part of Georges Bank	CFF	\$883,405	\$220,851	84,134
Survey	High-resolution drop camera surveys to track scallop aggregations in Closed Area I and Great South Channel	SMAST	\$353,073	\$84,065	33,626
Survey	High-resolution drop camera survey examining the scallop population and habitat in select portions of the Gulf of Maine	SMAST	\$513,680	\$122,305	48,922
Survey	High resolution drop camera survey examining sea stars dynamics in extremely dense scallop beds of the Nantucket Lightship	SMAST	\$402,027	\$95,721	38,288
Survey	An assessment of sea scallop abundance and distribution in the Nantucket Lightship (2 Year Project)	VIMS	\$628,516	\$125,703	59,859
Survey	An assessment of sea scallop abundance and distribution in Closed Area I and Closed Area II (2 Year Project)	VIMS	\$758,266	\$151,653	72,216
Survey	Understanding Dredge Performance for a Lined versus Unlined NMFS Sea Scallop Survey Dredge	VIMS	\$160,098	\$40,025	15,247
Survey	High Intensity Optical Survey of the Mid-Atlantic Bight Rotational Closure Areas: Elephant Trunk and Hudson Canyon	WHOI	\$1,358,540	\$339,635	129,385
Survey	High Intensity Optical Survey of Closed Area II and northern part of GB	WHOI	\$1,203,468	\$300,867	114,616
Bycatch	Quantifying the Selectivity Characteristics of an Extended Link Apron using a Dredge Cover Net	CFF	\$874,859	\$218,715	83,320
Bycatch	Optimizing the Georges Bank Scallop Fishery by Maximizing Meat Yield and Minimizing Bycatch	CFF	\$1,996,912	\$499,228	190,182
Biology	The effect of density on growth, yield and reproduction of the sea scallop, <i>Placopecten magellanicus</i> (2 Year Project)	VIMS	\$1,225,538	\$272,678	116,718
Biology	Age-based assessment in the sea scallop: a pilot study (2 Year Project)	VIMS	\$692,772	\$153,630	65,978
Biology	Developing a Spatially & Temporally Explicit Gonadosomatic Index through the Scallop Observer Program: A Pilot Study	WHOI	\$472,696	\$118,174	45,019
Turtle	Understanding the Impacts of the Atlantic Sea Scallop Fishery on Loggerhead Sea Turtles	CFF	\$762,395	\$190,599	72,609
TOTAL			\$12,286,245	\$2,933,849	1,170,119

Table 4 - Number of RSA projects funded by Research Priority (2010 - 2018)

Priority	2010	2011	2012	2013	2014	2015	2016	2017	2018	Grand Total
Survey	5	9	4	6	6	6	4	7	9	56
Bycatch	1	2	7	4	1	4	4	5	2	30
LPUE								1		1
Non-harvest mortality					4	3		1		8
Turtle	2	1	1	1	1	1	1	1	1	10
Ecosystem/Habitat		1		2	2	1		1		7
Meat Quality			1		1		2	1		5
Biology		1		1		1	3		3	9
Survey/Habitat							1			1
Grand Total	8	14	13	14	15	16	15	17	15	127

Table 5 – Percentage of funding by RSA priority and year: 2010 - 2018

Priority	2010	2011	2012	2013	2014	2015	2016	2017	2018	Grand Total
Survey	66%	51%	28%	38%	41%	43%	25%	30%	51%	39%
Bycatch	7%	28%	61%	36%	6%	28%	27%	36%	23%	29%
Biology	0%	7%	0%	8%	0%	7%	15%	0%	19%	7%
Turtle	27%	8%	7%	3%	8%	6%	6%	6%	6%	7%
Ecosystem/Habitat	0%	7%	0%	15%	15%	6%	0%	9%	0%	6%
Survey/Habitat	0%	0%	0%	0%	0%	0%	17%	0%	0%	2%
Non-harvest mortality	0%	0%	0%	0%	25%	11%	0%	15%	0%	6%
LPUE	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%
Meat Quality	0%	0%	3%	0%	5%	0%	10%	3%	0%	3%

Table 6 - RSA Funding by year from 2010 - 2018 by research organization ("Funding" is calculated as RSA pounds awarded X common price)

Organization	2010	2011	2012	2013	2014	2015	2016	2017	2018	Grand Total
Arnie's Fisheries	\$1,706,300	\$998,000	\$1,297,656	\$995,894	\$1,789,680	\$1,437,888	\$586,540			\$8,811,958
Coonamessett Farm	\$2,266,396	\$3,418,500	\$4,936,646	\$4,729,047	\$1,996,777	\$5,464,619	\$5,912,199	\$5,123,052	\$4,517,571	\$38,364,807
Fisheries Specialists			\$584,375							\$584,375
Maine DMR		\$589,314			\$558,515	\$372,344				\$1,520,173
National Fisheries Institute				\$338,931	\$366,588					\$705,519
Northeastern University				\$1,107,448	\$919,277	\$801,465				\$2,828,190
Phoel Associates, Inc.		\$799,600								\$799,600
SMAST	\$1,840,511	\$1,484,784	\$2,570,390	\$3,126,763	\$3,058,102	\$4,094,626	\$952,286	\$3,910,300	\$1,268,780	\$22,306,542
U Maine		\$712,455								\$712,455
University of Delaware					\$1,147,794	\$508,545		\$2,226,996		\$3,883,335
VIMS	\$777,695	\$1,750,069	\$2,135,156	\$2,254,221	\$1,420,327	\$1,659,672	\$5,472,885	\$4,057,873	\$3,465,190	\$22,993,088
WHOI							\$2,665,944		\$3,034,704	\$5,700,648
Grand Total	\$6,590,902	\$9,752,722	\$11,524,223	\$12,552,304	\$11,257,060	\$14,339,159	\$15,589,854	\$15,318,221	\$12,286,245	\$109,210,690