

OBJECTIVE	FUNDING
Stock Assessment and Populations Dynamics	\$28,188,000
<i>Vital rates (survival, mortality, growth, R)</i>	\$3,938,000
<i>Structure (ages, sex ratio)</i>	\$901,000
<i>Size / abundance (surveys, estimation)</i>	\$7,639,000
<i>Distribution and Movements (surveys, tagging)</i>	\$8,470,000
<i>Trends</i>	\$1,389,000
<i>Population dynamics (modeling, sustainability, K, OSP)</i>	\$1,598,000
<i>Population genetics /stock delineation</i>	\$1,099,000
<i>Stock assessment</i>	\$3,155,000
Ecology	\$22,784,000
<i>Habitat characterization (oceanographic, prey-field factors)</i>	\$5,251,000
<i>Habitat use</i>	\$4,786,000
<i>Trophic Interactions / Diet / Foraging ecology</i>	\$5,648,000
<i>Behavioral ecology</i>	\$2,009,000
<i>Population ecology</i>	\$1,222,000
<i>Ecosystem / Environmental studies</i>	\$3,521,000
<i>Traditional ecological knowledge</i>	\$349,000
Technology Development	\$10,908,000
<i>Photo-ID</i>	\$108,000
<i>Tags / Telemetry devices</i>	\$2,017,000
<i>Acoustic devices</i>	\$375,000
<i>Biological sampling devices (e.g., biopsy, blow, feces)</i>	\$295,000
<i>Biological testing methodologies</i>	\$513,000
<i>Oceanographic sampling devices (e.g., physical, chemical)</i>	\$92,000
<i>Sampling platforms (e.g., gliders, UASs)</i>	\$537,000
<i>Cameras (e.g., visible, IR)</i>	\$708,000
<i>Imaging / Image analysis (photographic, satellite, digital)</i>	\$1,410,000
<i>GIS</i>	\$93,000
<i>Acoustic detection, classification and localization algorithms / models / software</i>	\$1,361,000
<i>Acoustic density estimation models / software</i>	\$845,000
<i>Line transect methodology</i>	\$229,000
<i>Habitat mapping / modeling</i>	\$546,000
<i>Mathematical / Statistical / Simulation models</i>	\$1,576,000
<i>Database design / development / maintenance / archiving</i>	\$203,000
Biology (organismal)	\$10,530,000
<i>Genetics / Taxonomy</i>	\$1,067,000
<i>Anatomy / Morphology</i>	\$228,000
<i>Paleontological studies</i>	\$573,000
<i>Physiology / Endocrinology / Biochemistry / Neurology / etc.</i>	\$2,286,000
<i>Reproduction / Growth / Aging</i>	\$974,000
<i>Bioacoustics – sound production</i>	\$262,000
<i>Bioacoustics – sound reception</i>	\$1,466,000
<i>Behavior – Social / Reproductive</i>	\$868,000
<i>Behavior – Diving / Foraging / Feeding</i>	\$2,013,000
<i>Behavior – Kinematics / Activity budgets / Energy budgets</i>	\$793,000
Conservation and Management	\$9,347,000
<i>Conservation</i>	\$3,468,000
<i>Population protection / recovery</i>	\$3,272,000
<i>Management</i>	\$1,597,000
<i>Co-management</i>	\$1,009,000
Anthropogenic Sound Impacts	\$8,055,000
<i>Characterization / Analysis of sound budgets / soundscapes</i>	\$1,389,000
<i>Military activities – sonar and explosives</i>	\$4,013,000
<i>Energy development – seismic surveys</i>	\$730,000
<i>Energy development – drilling</i>	\$600,000
<i>Energy development – platform removal</i>	\$600,000
<i>Industrial activity – shipping</i>	\$713,000
<i>Industrial activity – pile driving</i>	\$10,000
Animal Health	\$4,253,000
<i>Monitoring / Assessment</i>	\$1,210,000
<i>Contaminants</i>	\$798,000
<i>Biotoxins</i>	\$200,000
<i>Disease</i>	\$1,486,000
<i>Body condition</i>	\$560,000
Fishery Interactions	\$1,404,000
<i>Bycatch – entanglement (inc. observer program)</i>	\$842,000
<i>Bycatch – mitigation</i>	\$413,000
<i>Indirect / competitive interactions</i>	\$149,000
Human Dimensions	\$831,000
<i>Social science (inc. education/outreach)</i>	\$711,000
<i>Economics</i>	\$120,000
Other Anthropogenic Impacts	\$706,000
<i>Vessel strikes</i>	\$252,000
<i>Tourism – observing (whale watching, rookery viewing)</i>	\$91,000
<i>Disturbance</i>	\$337,000
<i>Coastal development / Dredging</i>	\$26,000
Pollution Impacts	\$697,000
<i>Hydrocarbon spills/leaks (inc. dispersants)</i>	\$168,000
<i>Persistent toxins (e.g., PCBs, dioxins, pesticides, heavy metals, TBT, endocrine disrupters, radioactive waste)</i>	\$308,000
<i>Nutrient runoff / HABs</i>	\$22,000
<i>Marine debris – inc. plastics</i>	\$179,000
<i>Marine debris – derelict fishing gear</i>	\$20,000
Major Marine Mammal or Multidisciplinary Scientific Conference	\$37,000
<i>Major marine mammal or multidisciplinary scientific conference (inc. support for SMM, ECS, etc.)</i>	\$37,000