MITSG 91-17
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Aquaculture activities in New England have grown rapidly over the past five years, so much so that it has become difficult to keep track of the burgeoning numbers of practitioners and researchers entering the field. To remedy this difficulty, Nica Bell, a graduate student in the Department of Mass Communication at Boston University’s College of Communication, surveyed individuals and organizations active in aquaculture in New England. The MIT Sea Grant College Program assembled this Directory of Aquaculture in the Northeast.

Programs and individuals are entered under one of four headings: Research and Education, Producers, Consulting Services and Equipment Suppliers. Please note that researchers may also be consultants, producers may be educators and equipment suppliers may do research, so if you do not find the program you need under one heading, please look further.

The information presented in this directory was extracted from more extensive questionnaires. More detailed information about programs and individuals profiled may be obtained by writing:

Nica Bell, Communication Planning  
P.O. Box 731  
Kendall Square  
Cambridge, MA 02142  
(617) 864-8372

The Northeastern Regional Aquaculture Center, headquartered at Southeastern Massachusetts University, has agreed to accept suggestions and entries for possible future editions. If you are interested in encouraging future editions, address letters to:

Dr. Henry S. Parker  
Northeastern Regional Aquaculture Center  
Southeastern Massachusetts University  
North Dartmouth, MA 02747

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Norman Doelling  
14 June 1991
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Richard Schreiner
**Long Island Sound Task Force**
185 Magee Avenue
Stamford, CT 06902
203-327-9786

*Objectives:* Education and policy to protect and preserve Long Island Sound and the ocean environment, educational, environmental conservation/protection, information collection/dissemination

*Major Focus:* Products, education - newsletters

*Products:* Educational, newsletter

*Services:* Educational, newsletter, regional information service, library

Christopher Percy, President
**The Sounds Conservancy, Inc.**
43 Main Street, Box 266
Essex, CT 06426
203-767-1933

*Objectives:* Conservation and restoration of coastal resources: environmental conservation, educational, promoting aquaculture, information collection/dissemination, student research grants

*Major Focus:* Coastal cove and embayments restoration

*Products:* Publications

*Services:* Newsletter - *The Special Report*

*Specializations:* Marine region of southern New England, coastal ecosystems

*Species:* Shell and finfish

Norman Bender
**University of Connecticut**
Sea Grant Marine Advisory Program
1084 Shennecossett Road
Groton, CT 06340-6097
203-445-8664

*Objectives:* Marine advisory program - education and outreach covering marine resources, educational, information collection/dissemination

*Major Focus:* Education - publications, workshops, individual advising, presentations

*Services:* Educational, newsletter

*Specializations:* Fisheries, aquaculture, coast development, environmental quality, resource economics, economics/feasibility studies, salt water
Research and Education

Cameron Faustman
University of Connecticut
Department of Animal Science
Box U-40
Storrs, CT 06269-4040
203-486-2542

Objectives: Research and education at undergraduate and graduate levels
Major Focus: Research, education
Products: Education
Services: Consultation/educational
Specializations: Muscle foods - lipid and pigment oxidation interactions
Species: Livestock, poultry, fish

Sung Y. Feng
University of Connecticut
Marine Sciences Institute
Groton, CT 06340

Objectives: Consulting, educational, environmental conservation/protection, information collection/dissemination, research—shellfish diseases
Major Focus: Services, research, education
Products: Educational
Services: Consultation, educational, evaluation
Specializations: Coastal ecosystems, shellfish diseases
Species: Oysters, mussels, hard clams

Hans Laufer
University of Connecticut
Department of Molecular and Cell Biology, U-125
74 North Eagerville Road
Storrs, CT 06268
203-486-4117/203-486-4116

Objectives: To understand the crustacean reproductive cycle
Major Focus: Research, education
Products: Educational
Services: Consultation, educational
Specializations: Endocrinology, cell biology, chemicals
Species: Crabs, shrimp, lobster, crayfish
Research and Education

Ed Coleman
Angelica Research Facility for Aquaculture
99 Main Street
Fairhaven, MA 02719
508-997-4120

Objectives: Spawn and grow shellfish on rafting systems, shellfish clean (depurify), consult, develop projects, develop new industry, education, environmental conservation, food production, manufacture, pollution, wastewater
Major Focus: Research
Products: Construction, cage and open sea cultivation, rafting system, education, evaluation/testing, on site training
Services: Systems engineering/design
Specializations: Shellfish, coastal ecosystems, economics/feasibility studies, feed, field research
Species: Quahogs

Joseph Forns, Director
Applied Marine Ecology Lab
25 Greengate Road
Falmouth, MA 02540
508-540-4544/693-5094

Objectives: Consulting, pollution control/cleanup, research, compliance and testing
Major Focus: Research, products, services
Products: Construction materials, systems engineering/design
Services: Consultation, systems engineering/design, testing, permits and licenses
Specializations: Coastal ecosystems, economics/feasibility studies, field research, equipment

Robert D. Anderson, Senior Marine Fisheries Biologist
Boston Edison Co.
25 Braintree Hill Office Park
Braintree, MA 02184
508-849-8935

Objectives: Energy production
Major Focus: Research
Products: Marine ecology monitoring data
Services: Environmental impact assessment
Specializations: Coastal ecosystems, salt water fish
Species: Various marine biota in Cape Cod Bay
Research and Education

Boston University
Marine Biology Lab
Woods Hole, MA 02543
508-548-3705, EXT. 499

Objectives: Educational, research - ecological, neurobiological
Major Focus: Research, education
Specializations: Coastal ecosystems, neurobiology
Species: Marine invertebrates

Brenda J. Boleyn
Cape Cod Community College
Dept. of Natural Sciences
West Barnstable, MA 02668
508-362-2131

Objectives: Educational
Major Focus: Education
Services: Educational

Donald A. Abt
Lab for Marine Animal Health
Marine Biological Lab
Woods Hole, MA 02540
508-548-3705 x513

Objectives: Diagnosis, research and education in marine animal disease studies, consulting, development projects, environment conservation/ protection, food production, information collection/dissemination
Major Focus: Services, research, education, diagnosis
Products: Educational, on-site job training
Services: Consultation; educational; on-site job training
Specializations: Diseases and health of marine animals, fish diseases, freshwater
Species: Marine fish and invertebrates
Gary Glenn
**Massachusetts Centers of Excellence Corp.**
9 Park Street
Boston, MA 02108
617-727-7430

*Objectives:* Promote economic growth and marine sector of Massachusetts, develop projects, environmental conservation, development of new industry, education, financing aquaculture programs, promote aquaculture, water, potable resource development

*Major Focus:* Research, educational, financial support

*Specializations:* Economic development and commercialization of aquaculture, exports, field research, economics/feasibility studies

Mark S. Tisa, Assistant Director
**Massachusetts Division of Fisheries and Wildlife**
Field Headquarters
Westboro, MA 01581
508-792-7270

*Objectives:* Conserve, restore and manage inland fisheries and wildlife resources and conserve habitats composing the ecosystems in which these resources are, or were found, for Massachusetts residents' interests

*Major Focus:* Fisheries and wildlife management and research, non-game and endangered species, public information and education

*Products:* Fisheries and wildlife management, habitat protection, public information

*Services:* Technical assistance

*Specializations:* Fisheries (inland) and wildlife resources

*Species:* Freshwater and anadromous fishes, wildlife

Phillips D. Brady
**Massachusetts Division of Marine Fisheries**
18 Heritage Professional Building, Route 6A
Sandwich, MA 02563
508-888-1155

*Objectives:* Resource management, water quality testing, development project, educational, environmental conservation/protection, information collection/dissemination, shellfish research

*Major Focus:* Services - technical assistance to state project; research - product/organism studies

*Products:* Newsletter - survey reports information

*Services:* Consultation, educational, evaluation/testing

*Specializations:* Recreational and commercial shellfishing, coastal ecosystems, field research

*Species:* Marine
Research and Education

John J. Callahan, Director
Massachusetts Maritime Academy
Marine Fisheries Education and Training
Buzzards Bay, MA 02532
508-759-5761

Objectives: Educational, information collection/dissemination
Major Focus: Education
Services: Educational

Karl Rask
Massachusetts Aquaculture Association
P.O. Box 154
West Yarmouth, MA 02673
508-362-2511

Objectives: Promote development of aquaculture, technology transfer to growers, continued viability of industry
Major Focus: Research, education
Products: Shellfish, finfish
Specializations: Coastal ecosystems, shellfish, freshwater fish, aquaculture, coastal erosion, wetlands

Norman Doelling
Massachusetts Institute of Technology
Sea Grant College Program
292 Main Street/Bldg. E38-300
Cambridge, MA 02139
617-253-7042

Objectives: Marine education, research and advisory programs
Major Focus: Research, communications, education, technology transfer, fisheries gear testing and development, community liaison
Services: Newsletter, lecture series, net pen testing, information service, library
Specializations: New technology
Research and Education

New England Fisheries Development Association
280 Northern Avenue
Boston, MA  02210-2087
617-542-8890 FAX: 617-426-1058

Objectives: Development of new industry, information collection, promoting aquaculture - public relations, trade, national and international
Major Focus: Services, research
Products: Newsletter, publications
Services: Consultation, educational, newsletter
Specializations: Economics/feasibility studies, exports, salt water fish
Species: Salmon, tilapia, clams, oysters, pelagics

Henry E. Booke
Silvio O. Conte Anadromous Fish Research Center
1 Migratory Way
Turners Falls, MA 01376

Objectives: Research on anadromous fish, environmental conservation, fisheries
Major Focus: Articles, extension presentations, presentations at scientific meetings
Products: Research and technology
Services: Consultation, educational, training, research
Specializations: Anadromous fisheries, field research, fish behavior
Species: Atlantic salmon, sturgeon, trout, river herring, American shad, sea lamprey, striped bass

Ronald Campbell
Southeastern Massachusetts University
Department of Biology
North Dartmouth, MA 02174
508-999-8216

Objectives: Research - diseases
Major Focus: Research, education - parasite identification diagnosis of disease
Services: Consultation, educational
Specializations: Fish protozoan and helminth diseases
Research and Education

Henry S. Parker, Executive Director
Southeastern Massachusetts University
Northeastern Regional Aquaculture Center
North Dartmouth, MA 02747
508-999-8157 FAX: 508-999-8590

Objectives: Development of new industry, funding applies regional aquaculture research; promotion/public relations/media relations for aquaculture industry, aquaculture education
Major Focus: Research, industry development, education
Services: Funding for applied regional research; information
Specializations: Any of the below can be considered for support
Species: Aquatic finfish, shellfish, plants

Charles F. Millen Jr.
Town of Barnstable
Natural Resources Department
1189 Phinney’s Lane
Centerville, MA 02632
508-790-6272

Objectives: Educational, environmental, habitat protection, water quality preservation, natural shellfish stock enhancement
Major Focus: Grow out, quahog, oyster and scallop seed, contaminated shellfish relay for natural depuration
Products: Municipal shellfish management
Services: Municipal shellfish management
Specializations: Management of natural shellfish environment and enhancement of natural stocks, habitat protection, field research
Species: Quahog, soft-shell clam, oysters, blue mussel, bay scallop

Stuart Moore
Town of Chatham
Principally Shellfish Constable
549 Main Street
Chatham, MA 02633
508-945-2331

Objectives: Upgrade shellfisheries - consulting, development, educational, environmental protection, pollution control, etc.
Major Focus: Products, research, education services
Products: Grow-out 3 million to 5 million seed quahogs annually from 3mm to 15-20mm for transplant
Services: Consultation, cage cultivation, educational
Specializations: Field research
Species: Quahogs (Mercenaria mercenaria)
Research and Education

Sandra L. Macfarlane
Town of Orleans
School Road
Orleans, MA 02653
508-255-0900

Objectives: Resource conservation, water quality protection
Major Focus: Products, services, research, education-municipal seeding program
Products: Educational
Services: Educational
Specializations: Municipal shellfish management, coastal ecosystems, field research

Morris Johnson
Town of Yarmouth
Department of Natural Resources
597 Forest Road
South Yarmouth, MA 02664
508-394-3508

Objectives: Dissemination of information, education, training to Massachusetts shellfish officers and biologists, environmental conservation
Major Focus: Research, education
Services: Cage and open sea cultivation, educational
Specializations: Coastal ecosystems, field research

Martin Downngert
U.S. Food and Drug Administration
1 Montvale Avenue 4th Floor
Stoneham, MA 02180
617-279-1474

Objectives: Government - public health
Major Focus: Bivalve shellfish sanitation and marine biotoxins
Research and Education

Robert C. Biagi
University of Massachusetts
Cooperative Extension, Office of Marine Resources
22 West Experiment Station
Amherst, MA 01003
413-545-5915

Objectives: Consulting, development of new industry, educational, food production, information research - engineering and biology
Major Focus: Research, education
Services: Consultation, educational, on-site job training
Specializations: Economics/feasibility studies, field research, fresh and salt water fish
Species: Tilapia, trout, hybrid striped bass

Ronald P. Athanas
University of Massachusetts
Marine Station
P.O. Box 7128 Lanesville
Gloucester, MA 01930
508-281-1930

Objectives: Public service, development, food production, pollution control, research, wastewater treatment, fish by-product development
Major Focus: Research, educational, industry transfer
Products: Educational, evaluation, research trials, animal feed, aquaculture feeds
Services: Educational, evaluation, industry transfer
Specializations: Economic/feasibility studies, salt water fish, by-product utilization

John Rosenau
University of Massachusetts
Department of Food Engineering
Agriculture Engineering Building
Amherst, MA 01003
413-545-2367

Objectives: Teaching, research and outreach in food process engineering, research into low-cost oxygenation and into intensive recirculation systems
Major Focus: Research, education
Products: Information and contract research
Services: Consultation, educational
Specializations: Oxygenation methods, depuration methods, hydraulic cultivation, equipment
Gerard Flory  
**Wareham High School**  
Student Aquaculture Society  
Marion Road  
Wareham, MA 02571  
508-295-0397

*Objectives:* Educational  
*Major Focus:* Research, educational  
*Products:* Educational  
*Services:* Educational  
*Species:* Oysters, clams (hard and soft-shell)

Greg Anderson  
**Bates College**  
Department of Biology  
Lewiston, ME 04240  
207-786-6110

*Objectives:* Educational  
*Major Focus:* Services, education  
*Services:* Educational  
*Specializations:* Molluscan aquaculture, coastal ecosystems, field research, scanning electron microscopy  
*Species:* Bivalves

Chris Peterson  
**College of the Atlantic**  
105 Eden Street  
Bar Harbor, ME 04609  
207-288-5015

*Objectives:* Marine education and research
Research and Education

Stuart W. Sherburne
Maine Department of Marine Resources
McKown Point Fisheries, Research Station
West Boothbay, ME 04575
207-633-5572

Objectives: Information collection/dissemination, research - fish and shellfish diseases, histology, hematology
Major Focus: Services, research - consultation, evaluation, training
Services: Marine fish and shellfish diseases, fish hematology, normal and abnormal cell morphology
Specializations: Import and export certificates - field research, fish diseases (salt water fish), shellfish diseases
Species: Bass, eel, perch, pumpkinseed, Atlantic herring and cod, alewives, rainbow smelt, sea lamprey, American and European oysters, soft-shell clam, quahog, blue mussel, American lobster, sea scallop, dogfish, others.

University of Maine
BioResource Engineering Department
Orono, ME 04469
207-581-2715

Objectives: Research and development - consulting, education, information collection/dissemination, research - engineering
Major Focus: Research, education
Services: Consultation, educational, systems engineering/design
Specializations: Development of equipment and systems for aquaculture - prototype equipment fabrication
Species: Shellfish and finfish

University of Maine
Darling Marine Center
Walpole, ME 04573
207-563-3146

Objectives: Research, education, public service, aquaculture promo/PR/media relations, development of new industry, food production, information collection/dissemination
Major Focus: Research - marine related genetics, education - aquaculture extension
Services: Educational
Specializations: Genetics, field research
Research and Education

Robert Bayer
University of Maine
Department of Animal and Veterinary Science
Hitchner Hall
Orono, ME 04467

Objectives: Fisheries and aquaculture research and education - consulting, project development, development of industry, food production research
Major Focus: Services, research, education
Products: Educational, evaluation, newsletter
Services: Consultation, educational, evaluation
Specializations: Bait, feed, field research, fish behavior, fish diseases, fresh and salt water fish
Species: Salmon, trout, lobster

Conrad Griffin
University of Maine
Cooperative Extension, 110 Libby Hall
Orono, ME 04469
207-581-3168

Objectives: Development of new industry, educational, environmental conservation, information collection/outreach, water quality education
Major Focus: Informal education
Products: Videos, reports, publications in the marine resources
Services: Consultation, educational
Specializations: Problem-solving and linking Maine citizens with the research community and aquaculture producers
Species: Atlantic salmon, shellfish, sea urchins, soft-shell clams

Peter J. Moore, Executive Director
University of Maine
Maine Aquaculture Innovation Center
BioResource Engineering Building
Orono, ME 04469
207-581-2728

Objectives: Promoting Maine aquaculture development through research and industry partnership
Major Focus: Research development and outreach for Maine aquaculture
Species: All
Research and Education

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George Kupelian
Washington County Technical College
WCTC/Marine Trades Center, Deep Cove Road
Eastport, ME 04631
207-853-2518

Objectives: Outreach and research projects in the finfish and shellfish industry. Technology transfer and research and development for salmon aquaculture in Maine
Services: Educational and outreach services including product and technology development
Specializations: Consulting, grant writing to assist industry-sponsored projects, seminars to address industry concerns
Species: Atlantic salmon, rainbow trout, Atlantic halibut, sea vegetables

Brian Doyle
University of New Hampshire Sea Grant
Kingman Farm
Durham, NH 03824
603-749-1565

Objectives: Educational, research - marine science
Major Focus: Marine/coastal
Products: Publications, videos, workshops
Services: Educational, evaluation, newsletter, industry training
Species: Salmon, shellfish

Raymond E. Grizzle
University of New Hampshire
Jackson Estuarine Laboratory
Adams Point RFD 2
Durham, NH 03824

Objectives: Research and education concerning coastal waters, research-ecological, genetic
Major Focus: Research, education
Services: Consultation, educational
Specializations: Coastal ecosystems
Cold Spring Harbor Hatchery
P.O. Box 535
Cold Spring Harbor, NY 11724
516-692-6768

Objectives: Education and trout production - educational
Major Focus: Products, services, education
Products: Trout - newsletter
Services: Educational, newsletter
Species: Trout

Joe Regenstein
Cornell University
112 Rice Hall
Ithaca, NY 14853-5601
607-255-2109, home FAX: 607-257-2871

Objectives: Consulting, educational, food production, research - food science
Major Focus: Research, education
Services: Consultation, educational, newsletter
Specializations: Fish - salt water, waste management, aquaculture by-products
Species: Salmon, sucker, trout, gadoids, mackerel, menhaden

Paul R. Bowser
Cornell University
College of Veterinary Medicine
Department of Avian and Aquatic Animal Medicine
Ithaca, NY 14853
607-253-3365

Objectives: Teaching, research and service in aquatic animal health
Major Focus: Freshwater finfish diseases
Services: Fish disease diagnosis
Specializations: Infectious and non-infectious diseases of finfishes
Species: Finfishes
Research and Education

Mike Timmons
Cornell University Aquaculture Program
Riley Robb Hall
Ithaca, NY 14853
607-255-2280

Objectives: Promote aquaculture production, development of new industry, education, food production, energy conservation, information collection/dissemination, engineering research, production, closed-cycle systems
Major Focus: Research, education
Services: Consultation, educational, systems engineering/design
Specializations: Fresh and salt water, field research, engineering
Species: Salmon, trout, tilapia, fresh and marine shrimp

Mike Voiland, Program Leader
Cornell University
Sea Grant Extension
12 Fernowitall
Ithaca, NY 14853
607-255-2832

Objectives: Extension, education
Major Focus: Research, education
Species: Trout, salmon

Eugene H. Kaplan
Hofstra University
Biology Department
Hempstead, NY 11550
516-560-5520

Objectives: Educational, research - general
Major Focus: Services, research, educational
Services: Consultation, educational, marine laboratory in Jamaica, West Indies
Specializations: Field research; closed recirculating systems; hybrid identification and evaluation
Species: Tilapia
Dewitt Davies  
**Long Island Regional Planning Board**  
H. Lee Dennison Office Building, Veterans Memorial Highway  
Hauppauge, NY 11788-5401  
516-360-5199

**Objectives:** Regional planning; coastal management  
**Major Focus:** Research  
**Products:** Educational  
**Services:** Educational  
**Specializations:** Aquaculture management, site selection/feasibility studies, fisheries/environmental management

Anthony D'Agostino  
**Marine Science Institute**  
P.O. Box 820  
Montauk, NY 11954  
516-668-5804

**Objectives:** Marine science, aquaculture, reproduction and genetic selection, education, research  
**Major Focus:** Research, genetic selection, American lobster (*Homarus americanus*), var. blue  
**Products:** Educational  
**Services:** Educational  
**Specializations:** Shelter for living genetic mutants, marine species for reproductive studies and genetic selection  
**Species:** Crustacea

David Morehouse  
**New York State Aquaculture Association**  
P.O. Box 12713  
Albany, NY 12212

**Objectives:** Aquaculture member association; materials and information collection/dissemination; promote public awareness; cooperate with local, state and federal agencies to obtain objectives  
**Major Focus:** Public education and cooperation in New York  
**Services:** Educational, newsletter 4x a year, member communication, legislative power  
**Specializations:** Communication
Research and Education

John H. Schachte
New York State Department of Environmental Conservation
Fish Disease Control Unit
8314 Fish Hatchery Road
Rome, NY 13440
315-337-0910

Objectives: Direct and maintain fish health management efforts in state hatchery system
Major Focus: Services, research
Services: Fish health management and disease diagnosis
Specializations: Freshwater fish diseases
Species: Muskellunge, salmon, trout, walleye

H. David Greene
Regional Extension Specialist
21 South Grove Street
East Auroro, NY 14052
716-652-5453

Objectives: Educational, development of new industry, environmental conservation, information collection/dissemination, research
Major Focus: Education
Services: Educational, newsletter

Monica Bricelj
SUNY Stony Brook
Marine Sciences Research Center
Stony Brook, NY 11794
516-632-8663

Objectives: Support of coastal marine research and instruction for New York, educational research - marine science
Major Focus: Research, education
Services: Educational
Specializations: Coastal oceanography, coastal ecosystems
Joseph Buttner  
**SUNY Brockport**  
Aquatic Ecology Section  
Department of Biological Sciences  
Brockport, NY 14420  
716-395-5750

**Objectives:** Instruction, extension, educational, research - cool water fish, extensive culture  
**Major Focus:** Services, research, education - assistance to potential and practicing aquaculturalists with problems  
**Services:** Extension services: consult, cage cultivation, education, newsletter, "How to" manuals, aquaculture coop, 4-H projects  
**Specializations:** Cool water fish-culture; pond and cage cultivation, reuse systems, education, research and extension, economic/feasibility studies  
**Species:** Bioassay species, catfish, yellow perch, walleye, trout

**Town of Brookhaven**  
Department of Environmental Protection  
3233 Route 121  
Medford, NY 11763  
516-451-6455

**Objectives:** Shellfish management on town-owned underwater land; environmental conservation, environmental education  
**Major Focus:** Research, education, environmental planning  
**Services:** Educational programs  
**Specializations:** Shellfish management, environmental management, coastal ecosystems

Stuart Buckner, Director of Environmental Services  
**Town of Islip**  
Department of Environmental Control  
401 Main Street  
Islip, NY 11751  
516-224-5646

**Objectives:** Replenishment and management of depleted shellfish stocks in Great South Bay  
**Major Focus:** Resource management including the operation of a Municipal Shellfish Culture Facility  
**Products:** Hard clam seed (not for sale)  
**Services:** Research, environmental management  
**Specializations:** Population dynamics, aquaculture  
**Species:** Mercenaria mercenaria, Argopecten irradians
Research and Education

Arthur R. Ganz
Rhode Island Division of Fish and Wildlife
Coastal Fisheries Lab
1231 Succotash Road
Wakefield, RI 02879
401-783-2304

Objectives: Marine fisheries management, environmental conservation/protection, aquaculture
Major Focus: Research
Products: Information
Specializations: Finfish, shellfish, coastal ecosystems, field research, salt water fish

James Anderson
University of Rhode Island
Department of Resource Economics
Kingston, RI 02881
401-792-4568 FAX: 401-783-8883

Objectives: Educational, information collection/dissemination, aquaculture research, economics and marketing, international trade
Major Focus: Research, education - especially salmon market and trade
Products: Research reports
Services: Consultation (limited), educational
Specializations: Economics/feasibility studies, marketing studies
Species: Salmon, striped bass hybrids, shrimp

Terry Bradley
University of Rhode Island
Fisheries, Animal and Veterinary Science
Building 14
Kingston, RI 02881
401-792-2114

Objectives: Educational, research - pathology, physiology, nutrition, biochemistry
Major Focus: Research, education
Services: Educational, consulting, extension work
Specializations: Fish diseases, fish biochemistry, fresh and salt water fish with primary interest in Atlantic salmon
Species: Salmon, trout, winter flounder
Carole Jaworski  
**University of Rhode Island**  
Sea Grant Marine Advisory Service  
Bay Campus  
Narragansett, RI 02882-1197  
401-792-6842

**Objectives:** Development of new industry, educational, information collection/dissemination, research - alternative culture techniques  
**Major Focus:** Services, research, education - information and technology transfer services  
**Products:** Books, booklets, posters, magazine, fact sheets, briefing papers  
**Services:** Consultation, educational, systems engineering/design

Kenneth Simpson  
**University of Rhode Island**  
Food Science and Nutrition  
Kingston, RI 02881  
401-792-2977

**Objectives:** Educational, research - nutrition  
**Major Focus:** Services, research, education  
**Products:** Biochemical analysis - fatty acids, amino acids, pigments  
**Services:** Consultation, educational  
**Specializations:** Chemicals, field research, caroteniod pigments, blue shrimp, solar salt  
**Species:** Salmon, trout, artemia, shrimp, striped bass
Nancy Follini and Joseph Gilbert  
**Briarpatch Enterprises, Inc.**  
R.D. 3, Box 26, Briarpatch Road  
Stonington, CT 06378  
203-535-1137

**Objectives:** To harvest and sell shellfish - food production  
**Major Focus:** Products, education  
**Products:** Shellfish (hard-shell clams and oysters), trap-caught finfish  
**Services:** Consultation, survey work, population and viability assessment of shellfish beds  
**Specializations:** Quality control, harvest system design

Albin Sonsk  
State of Connecticut  
**Kensington Atlantic Salmon Hatchery**  
120 Old Hatchery Road  
Kensington, CT 06037  
203-827-7785

**Objectives:** Produce Atlantic salmon to stock Connecticut River tributaries in Connecticut  
**Major Focus:** Production of fry, parr and smolts to stock for restoration program  
**Products:** Green eggs, fry, parr, smolts  
**Services:** Produce and stock Atlantic salmon for stated project  
**Specializations:** Green egg production for other hatcheries, brood stock production  
**Species:** Atlantic salmon (*Salmo salar*)

Dave Sumner  
**Quinebaug Valley Trout Hatchery**  
P.O. Box 441, Trout Hatchery Road  
Central Village, CT 06332  
203-564-7542

**Objectives:** Produce 600,000 catchable trout for Connecticut; trout eggs and fingerlings for state and national public agencies; education, environmental conservation, information collection/dissemination, promoting aquaculture  
**Major Focus:** Products  
**Products:** Educational; training, on site; fish, eggs, fingerlings  
**Specializations:** Catchable trout, trout eggs, trout fingerlings  
**Species:** Trout - Rainbow trout, brown trout, brook trout
Producers

Richard Kraus
Aquaculture Research Corp.
P.O. Box AC
Dennis, MA 02638
508-385-3933

Objectives: To commercialize hatchery and grow-out procedures of shellfish, consulting, development projects, food production, manufacturer/supplier to aquaculture industry, national trade
Major Focus: Products, research, services - produce seed shellfish and market-size shellfish and consulting service
Products: Wholesaler: cultured shellfish, seed shellfish, marine microalgae
Services: Consultation, systems engineering/design
Specializations: Hatchery rearing of shellfish, mass cultivation of specific algae, economic/feasibility studies, food, field research - consulting
Species: Mercenaria mercenaria, Crassostrea virginia, Argopecten irradians, Spisula solidissima, and other specialty bivalves

Al Surprenant
Cape Cod Oyster Company, Inc.
262 Bridge Street
Osterville, MA 02655
508-428-3383

Objectives: Selling of seed to individuals and towns
Major Focus: Seed sales
Products: Oysters, clams, scallops and soft-shell seed
Services: Information on grow out
Specializations: Seed productions
Species: Oysters, scallops, clam and soft-shell seed

Chatham Shellfish Co.
Box 205
West Chatham, MA 02669
508-945-9733

Objectives: Raise seed shellfish to maturity, buy and sell local shellfish, food production, promoting aquaculture/public relations, media relations, research - on-site nursery
Major Focus: Products, research
Products: Oysters, quahogs, mussels, soft-shell clams
Services: 24-hr. delivery, fresh in the shell
Specializations: Halfshell oysters
Species: All native to Chatham, Mass. and surrounding towns
Paul Girard
**Commercial Fisherman**
32A Onset Avenue, RFD #3
Buzzards Bay, MA 02532
508-759-5226

*Objectives*: Commercial fishing - food production
*Major Focus*: Products
*Products*: Harvesting lobster, shellfish and eel; open sea cultivation; wholesaler - lobster, shellfish and eel
*Specializations*: Harvest fish and shellfish inshore waters - economics/feasibility studies, equipment
*Species*: Salt water fish, eel

Richard C. Nelson
**Cotuit Oyster Co., Inc.**
P.O. Box 563
Cotuit, MA 02635
508-428-6747

*Objectives*: Grow and market shellfish, consulting
*Major Focus*: Products, services, research, oysters, hard-shell clams, consulting
*Products*: Shell oysters, hard-shell clams
*Services*: Consultation
*Specializations*: Growing and marketing oysters

Seth Garfield
**Cuttyhunk Shellfish Farms**
P.O. Box 51
Cuttyhunk, MA 02713
508-636-2072/508-971-1120

*Objectives*: Raise two species of oysters on farm - wholesale/retail, food production
*Major Focus*: Products, services, education
*Products*: Cultivation - cage: belon oysters and American oysters
*Services*: Food services: raw bar for visitors and catered raw bars to public
*Specializations*: Aquaculture- raised oysters
*Species*: Belon oysters and American oysters
Producers

Jacob E. Bruinooge
**Everjay Shellfishing**
P.O. Box 294
South Wellfleet, MA 02663
508-349-6080

*Objectives:* Food production  
*Major Focus:* Products  
*Products:* Cage cultivation  
*Species:* Hard-shell clam, oyster

Rulon E. Wilcox
**Great Island Oyster Co., a Limited Partnership**
Box 885, 746 Great Island Road
W. Yarmouth, MA 02673
508-775-7867

*Objectives:* Raise shellfish to maturity, sell local shellfish, promoting aquaculture/public relations, media relations, research - on-site nursery  
*Major Focus:* Products, research  
*Products:* Oysters, quahogs, soft-shell clams  
*Species:* Oysters, quahogs, soft-shell clams

Michael Syslo
**Massachusetts Division of Marine Fisheries**
State Lobster Hatchery and Research Station
P.O. Box 9
Vineyard Haven, MA 02568
508-693-0060

*Objectives:* Hatch, rear and stock bottom-crawling lobsters for coastal waters in Massachusetts; education; environmental conservation; food production; information collection/dissemination; promote aquaculture; genetic research  
*Major Focus:* Aquaculture services, research  
*Products:* Cultivation, educational, lobsters  
*Services:* Consultation, systems engineering/design  
*Specializations:* Lobster aquaculture, shellfish culture, seawater systems design, filtration systems, field research  
*Species:* Lobsters
Producers

Rob Garrison and Martin Ceely
**Nantucket Shellfish Farm, Inc.**
P.O. Box 14, 3 Kendrick Street
Nantucket, MA 02554
508-228-0295

*Objectives:* Oyster production, consult to coldwater mollusc and warmwater
cage cultivation and shrimp cultivation - food production  
*Major Focus:* Products, services  
*Products:* *Crassostrea virginica*  
*Services:* Consulting, cage cultivation  
*Specializations:* Economics/feasibility studies  
*Species:* All shellfish and crustaceans, tilapia, striped bass and hybrids

Kenneth L. Bergstrom
**Red-Wing Meadow Farm, Inc.**
P.O. Box 484  
Sunderland, MA 01375  
413-549-4118

*Objectives:* Food production, sport/recreational fishing, private fish stocking  
*Major Focus:* Food fish for upscale markets, principally brook trout  
*Products:* Live and dressed fish (brook trout), smoked and canned for speciality markets  
*Services:* Personalized service regarding size, quantity and delivery; fishing opportunities at the farm  
*Specializations:* Trout Nouveau - canned baby brook trout  
*Species:* Brook trout for the food industry; brook, brown and rainbow trout for stocking and fee fishing, large mouth bass and striped bass hybrids, for public also.

**Tidecrest, Inc.**  
825 Washington Street  
Suite 115  
Norwood, MA 02062  
617-769-4894

*Objectives:* Food production  
*Major Focus:* Scallops  
*Products:* Cage and open sea cultivation  
*Services:* Cage and open sea cultivation  
*Specializations:* Hatcheries  
*Species:* *Argopecten purpuratus,* Homebase: Paracas, Peru
Producers

Joe Grochowski, Town Biologist
Town of Nantucket Shellfish and Marine Department
38 Washington Street
Nantucket, MA 02554
508-228-7260

Objectives: Produce shellfish for town shellfish beds, conduct research in shellfish population dynamics
Major Focus: Stabilization of the bay scallop harvests
Products: Development of algal media, cultures; shellfish with superior meat weights and phenotypic markers
Services: Seed production; consultation (aquaculture/water quality)
Specializations: Phylogenetic methods; investigations involving relationship between specific plankton and shellfish growth and development
Species: Bay scallop, quahog, American oyster

Allen C. Myers, President
Abandoned Farm, Inc.
Box 551
Damariscotta, ME 04543
207-563-3935

Objectives: Food production
Major Focus: Products
Products: Mussels, oysters, clams
Specializations: Suspended culture - mussels, oysters
Species: Mytilus edulis, Ostrea edulis, Crassostrea virginica, Spisula solidissima

Dodge Cove Marine Farm, Inc.
P.O. Box 211
Newcastle, ME 04553
207-563-8168

Objectives: Food production, national and international trade
Major Focus: Products
Products: Cultivation, open sea: cultivated oysters - Ostrea edulis and Crassostrea virginica
Specializations: Husbandry and wholesale of oysters
Producers

Richard Clime, Vice President
David C. Rayner, Hatchery Manager

**Governor Hill Fish Hatchery**
Maine Department of Inland Fish and Wildlife
RR-5, Burns Road, Box 970
Augusta, ME 04330
207-289-5228

*Objectives:* To stock public waters in the State of Maine with disease-free salmonids; specifically, lake trout, brook trout and splake
*Major Focus:* Producing high-quality disease-free salmonids for the state's stocking program
*Products:* Fall fingerling and spring yearling splake, brook trout and lake trout
*Services:* Reservations may be made in advance, certain times of the year, for free tours or consultations
*Specializations:* Fish culture
*Species:* Lake trout, splake and brook trout

Carter Newell
**Great Eastern Mussel Farms**
P.O. Box 141
Tenants Harbor, ME 04860
207-372-6317

*Objectives:* Bottom cultivation of shellfish, quality control, production modeling
*Major Focus:* Products, services, research, education, inshore oceanography
*Products:* Mussels (fresh and value added), shellfish research and development
*Services:* Site evaluation, quality control, pollution monitoring, yield optimization
*Specializations:* Field research
*Species:* *Mytilus edulis, Crassostrea virginica, Mya arenaria*

William Mook
**Mook Sea Farms, Inc.**
HC 64, Box 041
Damariscotta, ME 04543

*Objectives:* Bivalve seed production and sales, food production, manufacturer/supplier to aquaculture industry
*Major Focus:* Products, services, research
*Products:* Seed oysters, clams, scallops; provide information relating to culture of product
*Services:* Consultation, customer support
*Specializations:* Seed production technology
*Species:* Oysters, clams, scallops
Producers

Burton Blanch
**Nellie B. Fisheries**
Eastport, ME 04631
207-853-4732

*Objectives:* Growing finfish in floating sea cages
*Species:* Salmon, trout

**Sea Farm Lubec, Inc.**
Atlantic Salmon Aquaculture
P.O. Box 279
Lubec, ME 04652
207-733-2458

*Objectives:* Food Production
*Major Focus:* Products
*Products:* Atlantic salmon - cage cultivation
*Specializations:* Salt water fish - production of Atlantic salmon market size
*Species:* Salmon

Evelyn Sawyer, President
**Sea Run, Inc.**
RRI, Box 585
Kennebunkport, ME 04046-9611
207-985-7957

*Objectives:* Smolt production
*Major Focus:* Products, services, research
*Products:* Smolts (trout and salmon)
*Services:* Consultation, cultivation-cage, hatchery
*Specializations:* Salmon and trout culture - fresh and salt water, field research, fish behavior, diseases
*Species:* Salmon, trout
Producers

Thomas L. Howell
Spinney Creek Oyster Co.
One Howell Lane
Eliot, ME 03903
207-439-1203

Objectives: Production of oysters and littleneck clams under our “Half Shell Safety Program” for safety conscious customers
Major Focus: Aquaculture production of oysters and clams; integrated purification, testing and distribution program
Products: Oysters and hard clams processed under “HSSP”
Services: Shellfish sanitation consulting; ie. sanitary surveys, relay and depuration; testing in in-house certified lab
Specializations: 1) Oysters and hard clam aquaculture 2) shellfish safety 3) depuration and relaying 4) laboratory analysis of FC in shellfish
Species: Crassostrea virginica, Mercenaria mercenaria, Mya areniza

Stan Sinitski, President
Aquatic Research Organisms, Inc., Subsidiary of Millipore Corp.
P.O. Box 1271, 1 LaPayette Road
Hampton, NH 03842
603-926-1650, 1-800-992-0724

Objectives: To cultivate bioassay test animals. Supply research labs with aquatic test animals of uniform size, age and genetic background
Major Focus: Products
Products: Aquatic organisms used in water pollution testing - bioassay species
Specializations: Closed system culture of bioassay organisms
Species: Bioassay species, fathead minnow, bluegill sunfish, rainbow trout, daphnids, Cyprinodon variegatus, Menidia beryllina, Fundulus heteroclitus, Mysis hypsila bahin, others

Edward Keefe
Beauty Hill Acres
P.O. Box 87
Center Barnstead, NH 03052
603-435-7635

Objectives: Proper pond management - LM Bass, crawfish - other feeds
Major Focus: Products - LM bass, crawfish, catfish, sunfish, electro-fishing for pond management
Products: Cage cultivation
Services: Consultation, cage cultivation, evaluation, aeration, aquatic plants
Specializations: Small pond management - bait, field research, fish behavior, freshwater fish
Species: Baitfish, bass, bluegill, carp, catfish, eel, minnow, mosquito, perch, shiner, sucker, trout and frogs; private farm pond stocking all warm water species
Producers

New England Fish Farming
120 Lake Street, P.O. Box 347
Bristol, NH 03222
603-744-5703

Objectives: Atlantic salmon smolt production
Major Focus: Products
Products: Atlantic salmon eggs, parr and smolt
Specializations: Smolt, freshwater fish
Species: Atlantic salmon

Jay Hendee
New Hampshire Fish and Game Department
Fisheries Division
2 Hazen Drive
Concord, NH 03301
603-271-2503

Objectives: Hatcheries: Salmonid production for sport fisheries
Major Focus: Research, education (limited)
Products: Salmonid fish
Specializations: Fish culture - fish diseases, freshwater fish
Species: Salmon, trout

Garth Stephen, President
Adirondack Trout and Salmon Producers Cooperative
Chateaugay, NY 12920
518-497-6505

Objectives: Development of new industry, food production
Major Focus: Products
Products: Fish for food
Specializations: Growing and marketing fish, freshwater fish
Species: Salmon, trout
Producers

Jonathan K. Fieroh, Manager
Brandon Enterprises
Fisheries Division
HCR 1 Box 69
Paul Smiths, NY 12970
518-327-3534

Major Focus: Products, services
Products: Brook trout, brook trout eggs
Services: Consulting, fisheries surveys, water sampling, pond management
Specializations: Pond management, with hybrid brook trout
Species: Brook trout

Stephen Malinowski
The Clam Farm
Box 402
Fishers Island, NY 06390
516-788-7889

Objectives: Culture shellfish - seed and consumption-sized, research, food production, seed production (for fisheries management programs)
Major Focus: Products, research, education - shellfish
Products: Oysters, clams, scallops
Services: Systems engineering/design
Specializations: Shellfish seed production, consumption sized oysters
Species: Mercenaria mercenaria, Argopecten irradians, Crassostrea virginica, Spisula solidissima

David L. Berg
Cultured Aquatics
Northport Environmental Research Center
Eatons Neck Road
Northport, NY 11768-1298
516-757-8182

Objectives: Cultivation of bioassay organisms and shellfish seed
Major Focus: Products
Products: Bioassay organisms, clam and oyster seed
Services: Hatchery design
Specializations: Hatchery-reared fish and shellfish
Species: Bioassay species, Mercenaria mercenaria, Crassostrea virginica
Producers

Laura Fraser and Joh Wallach
**Eden Brook Aquaculture, Inc.**
RD 2, Box 425
Forestburgh, NY 12777
914-796-1749

*Major Focus:* Food production - commercial enterprise  
*Products:* Education - interested in students who would like an internship  
*Services:* Cultivation, fresh water raceways-trout: brook/rainbow  
*Specializations:* Trout, fish-freshwater  
*Species:* Trout

Franklin B. Flower  
**Frank M. Flower and Sons, Inc.**  
P.O. Box 1436  
Bayville, NY 11709  
516-922-4410/516-922-4744

*Objectives:* Food production - raise and sell oysters and clams; shellfish farm  
*Major Focus:* Products  
*Products:* Oysters and clams - in the shell for wholesale distribution  
*Specializations:* Oyster and clam production - beginning in a hatchery through to harvest and sale as adults in the shell three to seven years later  
*Species:* *Crassostrea virginica* and *Mercenaria mercenaria*

**GEO Marine Resources, Inc.**  
516 5th Avenue, Suite 507  
New York, NY 10036  
212-354-0140

*Objectives:* Trade - national, food marketing  
*Major Focus:* Products  
*Products:* Seafood  
*Services:* Wholesaler  
*Specializations:* Fish - fresh and salt water  
*Species:* Catfish, striped bass
Producers

David Morehouse
Morehouse Bait Farms
3435 Seybolt Road
Seneca Falls, NY 13148
315-568-8520

Objectives: Consulting, development, education, energy conservation, information collection, promotion of aquaculture, altering life cycles, bait production
Major Focus: Products
Products: Wholesale bait
Services: Consultation, customer support, educational, evaluation, field research
Specializations: Bait, field research
Species: Baitfish, bioassay species, minnow, sucker, fathead

Northeastern Biologists
1 Kerr Road
Rhinebeck, NY 12572
914-876-3983

Objectives: Aquaculture live fish sales
Major Focus: Products, services - live warm-water fish - six species of bass; and two species of minnows, crayfish
Services: Consultation - pond management
Specializations: Live, warm-water fish, freshwater fish
Species: Bass, fathead minnow, golden shiner, crayfish

George C. Matthiessen, President
Ocean Pond Corp.
Fishers Island, NY 06390
516-788-7240/516-788-7201

Objectives: Food production
Major Focus: Products, research
Species: Oysters
Producers

Sweet-Water Prawn, Ltd.
66 Gansevoort Street
New York, NY 10014
212-924-1319/1-800-4-PRAWNS

Objectives: Vertical integration of freshwater prawn, development project, food production, ornamental fish/flower production, promoting aquaculture—public relations/media relations, national trade
Products: Products, services - marketing consultancy in aqua-produce
Services: Consultation
Specializations: Marketing/distribution of aqua-produce
Species: Machrobrachium, Cherax

Fred Laing
White Oak Farm
Box 405
Hillsdale, NY 12529
518-325-3384

Objectives: Raise and sell trout
Major Focus: Products
Products: Trout
Specializations: Trout production, freshwater fish
Species: Trout

Worm Warehouse
P.O. Box 266A, Flynn Road
Burre, NY 12917
518-483-7687

Objectives: National trade
Major Focus: Products and aquaculture
Products: Wholesaler
Specializations: Bait, freshwater fish
Species: Baitfish, crappie, perch, shiner, sucker, walleye
Producers

Luther H. Blount
Prudence Island Oyster Farm
1 Shipyard Lane
Warren, RI 02885
401-245-8300

Objectives: Development project
Major Focus: Products - development stage of mid-water oyster culture
Specializations: Development consists of 1/2-acre salt pond with strong tidal flow through; located in marsh area, Prudence Island
Species: Oysters

Robert Rheault
Spatco Ltd.
264 Foddering Farm Road
Narragansett, RI 02882
401-783-6007

Objectives: Develop nursery and grow-out techniques, develop alternative diets for bivalves
Major Focus: Products, research
Products: Bivalve seed - scallop, clam and oyster seed and oysters (market size)
Specializations: Bivalve nursery methods
Species: Shellfish seed: Mercenaria mercenaria, Argopecten irradians, Crassostrea virginica
Consulting Services
Consulting Services

M. Vernesoni
Department of Environmental Protection, Fisheries Bureau
165 Capitol Avenue
Hartford, CT 06106
208-566-2287

Objectives: Recreational fish production and management
Major Focus: Services, research
Services: Consultation
Specializations: Fisheries management, field research, fish diseases
Species: Salmon, trout

Ron Zweig, President
EcoLogic
P.O. Box 1440
North Falmouth, MA 02556
508-563-5980

Objectives: Consulting, development project, development of new industry, energy conservation, food production, information collection, research - production
Major Focus: Services, research, education
Products: Educational, newsletter
Services: Consultation, educational, evaluation
Specializations: Freshwater aquaculture, integrated fish farming, hydroponics: economics/feasibility studies, feed, fish diseases, computer simulation modeling
Species: Carp, catfish, goldfish, tilapia, striped bass

John M. Dubowik, Division Manager
Foster-Miller, Inc.
350 Second Avenue
Waltham, MA 02254
617-290-0992

Objectives: Consulting, application of novel technologies, integration of non-standard technological solutions to basic aquaculture problems
Major Focus: Applied research and development of equipment
Products: Technology, development, non-standard equipment
Services: Consultation, concept development, design and manufacture of special process, products and/or equipment
Specializations: Engineering - mechanical, chemical, electric/electronic, thermal, etc.
Consulting Services

Harris Gold, Manager
Foster-Miller, Inc.
Engineers
350 Second Avenue
Waltham, MA 02254
617-890-3200

Objectives: Pollution control/cleanup, research, process development
Major Focus: Metals recovery, chemicals recovery from sea
Products: Systems engineering/design
Services: Consultation, evaluation, systems engineering/design
Specializations: Chemical separations

Richard C. Karney, Director
Martha's Vineyard Shellfish Group, Inc.
Box 1552
Oak Bluffs, MA 02557
508-693-0391

Objectives: Management of shellfish resources of Martha's Vineyard,
consulting, development, education, environmental, food production,
information collection/dissemination, research
Major Focus: Products, research, education, hatchery
Products: Sea scallops, quahogs, oysters to towns on Martha's Vineyard -
cage and open sea cultivation; hatchery
Services: Consultation to towns and educational
Specializations: Shellfish aquaculture - scallops, quahogs, oysters, field
research, hatchery
Species: Mercenaria mercenaria, Argopecten irradians, Crassostrea virginica

John H. Huguenin
Woods Hole Engineering Associates, Inc.
49 Oyster Pond Road
Falmouth, MA 02540
508-548-9668

Objectives: Consulting, development project, food production, research -
bioengineering
Major Focus: Services, research
Products: In the past produced and sold hardware - fish cages, shellfish trays
and intake screens
Services: Consultation, evaluation, systems engineering/design
Specializations: Aquacultural engineering systems design and evaluation,
seawater systems, economic/feasibility studies
Species: All marine, estuarine and freshwater species
Consulting Services

Roger Dexter, AFS Fish Pathologist

**Dexter Fishery Consultants**
Box 12
East Orland, ME 04431
207-469-2601, May-Dec.; 813-343-5889, Dec.-April

**Objectives:** Consulting, fish health, salmon production
**Services:** Consulting, salmon production
**Specializations:** Atlantic salmon - fish health, production, sea cage culture, fish diseases, freshwater fish
**Species:** Salmon, trout

Harold E. Arndt, President

**Marcraft, Inc./Aquaculture Ent.**
Flying Point
Freeport, ME 04032
207-865-6621

**Objectives:** Aquaculture food production, consulting, information collection, manufacturer/supplier to aquaculture industry
**Major Focus:** Products, services, research
**Products:** Aquaculture gear on contract
**Services:** Consulting
**Specializations:** Gear design and research
**Species:** Oysters, clams, bivalves in general

Hugh Proter

**Quoddy Job Opportunity Zone**
Washington City Vocational/Technical Institution
River Road
Calais, ME 04619
207-454-2144

**Objectives:** New and existing business development in Washington County, Maine. Consulting, Develop new industry, financing aquaculture program, information collection/dissemination, promotion, technical assistance
**Major Focus:** Services - business counseling, development, financing, regional promotion to business and local government
**Services:** Consultation, educational, evaluation, training
**Specializations:** Business counseling, grant writing for economic/community development, low-interest loans, economic/feasibility study, fish
**Species:** Salmon, trout
Consulting Services

Robert Wengraynek, Biologist
RR #1 Box 181A
Oldtown, ME 04468
207-827-2800

Objectives: Technical assistance, environmental conservation/protection, site development
Major Focus: Services, technical literature
Products: Cage cultivation
Services: Consultation
Specializations: Pond, raceway development and management, bait, freshwater fish
Species: Baitfish, minnow, shiner, trout

Jay Hendee, Diagnostician
RD 10, Box 375
Concord, NH 03301
603-798-5474

Objectives: Furnish fish culture and bait dealer consulting services
Major Focus: Fish culture and disease service
Services: Consultation
Specializations: Culture and diseases of salmonids
Species: Fish diseases, freshwater fish: baitfish, minnow, salmon, trout

William Hearn
Normandeau Associates, Inc.
25 Nashua Road
Bedford, NH 03102
603-472-5191

Objectives: Consulting, environmental conservation or protection
Major Focus: Environmental sciences
Services: Consultation
Specializations: Coastal ecosystems, field research, fish behavior, fresh and marine fish taxonomy, stream ecology, limnology, telemetry and fish bypass, bioassay species
Species: Alewife, bass, bluegill, carp, cat-fish, crappie, American eel, goldfish, minnow, muskelunge, paddlefish, pumpkinseed, Atlantic salmon, American shad, yellow perch, sturgeon, trout, walleye
Consulting Services

**Coleman Ventures, Inc.**
5907 Northern Boulevard
East Norwich, NY 11732
516-626-3642/916-626-2771, FAX: 516-626-9722

*Objectives*: To fund on equity basis commercial aquaculture start-up companies - financing aquaculture programs (commercial)
*Majors Focus*: Services - funds for startup aquaculture companies on equity basis only
*Services*: Evaluation, funding
*Specializations*: Commercialization of feasible aquaculture products or pursuits - economics/feasibility studies

Terry C. Cosper, President
**Cosper Environmental Services, Inc.**
Northport Environmental Research Center
Eaton's Neck Road, P.O. Box 525
Northport, NY 11768
516-754-4455, FAX: 516-754-4523

*Objectives*: Bioassay consulting, development of new industry (jobs)
*Major Focus*: Bioassay testing
*Products*: Sale of bioassay test organisms, freshwater and marine
*Services*: Acute and chronic freshwater and marine bioassays
*Specializations*: Biological testing, fresh and salt water fish
*Species*: Bioassay species

Joseph Gorsuch
**Eastman Kodak Co.**
ESS/HAEL, B-306, KP
Rochester, NY 14652-3617
716-588-2140

*Objectives*: Environmental fate and effect testing - consulting, development projects
*Major Focus*: Services, research - environmental testing
*Products*: Environmental assessments, reports
*Services*: Consultation, PMN and NSN testing
*Specializations*: Bioassay organisms
*Species*: Bioassay species, minnow
Consulting Services

Thomas C. Field, President
Fernwood-Limne, Inc.
77 Route 9
 Gansevoort, NY 12831
 518-793-1282

Objectives: Consulting, environmental conservation/protection, food production
Major Focus: Products, services - trout, salmon, fisheries and aquaculture consulting
Products: Cultivation, hatching
Services: Consultation
Specializations: Trout and Atlantic salmon culture - freshwater fish
Species: Salmon, trout

Robert Valenti, Director
Multi Aquaculture Systems
P.O. Box 679
Amagansett, NY 11930
516-267-3341

Objectives: Raise food and money, financing aquaculture programs, food production, research - genetic engineering, international trade
Major Focus: Consultation, open sea cage culture, live fish inventory
Products: Fluke, lobster, striped bass, bioassay organisms
Services: Consultation, open sea and cage cultivation, bioassay test organisms
Specializations: Marine fish farming - exports, salt water fish
Species: Bioassay species, striped bass, lobster, fluke

Gary Neuderfer
New York Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, NY 14414
716-226-2466

Objectives: Environmental conservation/protection, pollution control/cleanup
Major Focus: Services, research
Products: Public service
Services: Consultation, to public
Specializations: Field research, freshwater fish
Species: Bioassay species, fathead minnow, Daphnia magna, Ceriodphnia dubia, Chironomus tentans, Hyalella azteca, and various green algae
Robert Myers, Biologist

**Soil Conservation Service**
Federal Building
100 South Clinton Street
Syracuse, NY 13260
315-423-5212

*Objectives*: Land use planning and resource management

*Major Focus*: Services

*Services*: Consultation - Land use/resource management/site planning and pond construction
Sweeney Aquamatic
P.O. Box 3148
Stony Creek, CT 06405
203-488-9752

Objectives: Design and produce equipment for fish culture and water quality analysis environmental conservation/protection, manufacturer/supplier to aquaculture industry
Major Focus: Products - water quality monitoring; fish feeding
Products: Cage and open sea cultivation; instruments; monitor and control systems
Services: Custom design
Specializations: Monitoring and control of water quality and hatchery operations, equipment

Technical Inside, Sales and Applications Department
Orion Research, Inc.
529 Main Street
Boston, MA 02129
617-242-3900

Objectives: Manufacturer/supplier of lab equipment, wastewater treatment (sewage), dissolved oxygen and conductivity
Major Focus: Products, service, research
Products: PH meters and electrodes, dissolved oxygen and conductivity
Specializations: Manufacturer/supplier

Packaging Products Corp.
198 Herman Melville Boulevard
P.O. Box 6002
New Bedford, MA 02742
508-997-5150

Objectives: Supply packaging for the shipping of seafood and other perishables - manufacturing/supplier to aquaculture industries
Major Focus: Packaging materials
Products: Packaging - plastic containers, corrugated and insulated shippers
Specializations: Perishables packaging
Equipment Suppliers

Riverdale Mills Corp.
130 Riverdale Street, P.O. Box 200
Northbridge, MA 01543
508-234-8715

Objectives: Manufacturing/supplier to aquaculture industries
Major Focus: Products
Products: Construction materials
Specializations: Equipment

VWR Scientific
P.O. Box 232
Boston, MA 02101
617-461-1880/1-800-225-4290

Objectives: Distributor of laboratory supplies, equipment, apparatus and chemicals to the research, educational, governmental and industrial marketplace
Major Focus: Research products for the environmental and biotechnological markets
Products: Laboratory equipment, supplies and chemicals
Services: Consultative services for new lab setups and design

Janice M. Plante
Commercial Fisheries News
106 Marine Trade Center, Portland Fish Pier
Portland, ME 04101
207-773-0349

Objectives: Collection and dissemination of news and information for all sectors of the commercial fishing industry
Major Focus: Management issues, industry activities, products
Products: Monthly trade newspaper
Services: Monthly trade newspaper
Specializations: New England region
Species: All species raised, harvested, processed or handled by members of the commercial fishing industry
Rick Martin

**Fisheries Product News**
P.O. Box 37
Stonington, ME 04681
207-367-2396, FAX: 207-367-2490

*Objectives:* Provide product and technical information to aquaculture industry in United States and Canada, educational, manufacturer/supplier, information

*Major Focus:* Education

*Products:* Fisheries Product News-6x/year with product and service writeups pertinent to aquaculture industry

David W. Keller

**Solar Components Corp.**
121 Valley Street
Manchester, NH 03103
603-668-8186

*Objectives:* Development of new industry, energy conservation/production, manufacturer/supplier to aquaculture industry, national/international trade, wastewater treatment, water reclamation and potable resource development products - F.R.P. materials for equipment

*Major Focus:* Transparent aquaculture tanks

*Products:* Consulting, cage/open sea cultivation, customer support, educational, evaluation, systems engineering/design

*Specializations:* Custom tank sizes

Wallace C. Steidle

**Coastal Farms, Inc.**
Middle Line Highway, P.O. Box 480
Water Mill, NY 11976
516-283-3143

*Objectives:* Food production

*Major Focus:* Products/service/research, cage culture-hard clams, shellfish for better market

*Products:* Cage cultivation

*Services:* Cage cultivation

*Specializations:* Growing shellfish, naturally purifying shellfish

*Species:* Clams
Equipment Suppliers

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Tom Baum, President and Neil F. Baum, Vice President
Empire Fiberglass Products, Inc.
Riverside Industrial Park
P.O. Box 1006
Little Falls, NY 13365
315-823-4030, FAX: 315-823-0691

Objectives: Custom fabricator of FRP tanks for aquaculture, manufacturer/supplier to aquaculture industries
Major Focus: Products, services - FRP tanks, raceways, etc.-help design sizes/shapes
Products: Construction materials, cultivation - cage, customer repairs
Services: Consultation, customer support
Specializations: Equipment

Gregor N. Neff, President
Inqua Corp.
Box 86
Dobbs Ferry, NY 10522
212-840-3333

Objectives: Development, manufacture and sale of cages and net pens
Major Focus: Products, research
Products: Cages and net pens for aquaculture
Services: Design of special-purpose cages and pens
Specializations: Cage and pen culture, equipment
Species: Catfish, trout, tilapia, redfish, hybrid striped and striped bass, pompano, walleye, muskelunge-almost every species except filter-feeders; clam, oyster, albalone, shrimp cages

R.L. Neff, President
International Aeration Systems
LPO 160, 1555 Third Avenue
Niagara Falls, NY 14304
416-688-4090

Objectives: Manufacturer/supplier to aquaculture industry, wastewater treatment, water reclamation, potable water resource development
Major Focus: Supply micro-porous aeration tubing and systems
Products: Systems engineering/design
Services: Systems engineering/design
Specializations: Aeration, equipment
Equipment Suppliers

Lewis Enterprises
Department 1J91MIT
G.P.O. Box 1773
New York, NY 10001

Objectives: Educational, supplier to aquaculture industries, international trade
Major Focus: Products (supplier)
Products: Educational, retailer catalog

Scholium International, Inc.
99 Seaview Boulevard
Port Washington, NY 11050
516-484-3290 FAX: 516-484-6574

Objectives: Sales promotion of publications on aquaculture
Major Focus: Products (books)
Products: All books and publications on aquaculture
Services: Book services
Specializations: Aquaculture
Species: Salmon, trout, eel, catfish, others

J. Robin Hendry
Westmoor Ltd.
P.O. Box 99
Sherrill, NY 13461
315-363-1500/1-800-367-0972

Objectives: Manufacturing/supplier to aquaculture industries
Major Focus: Products
Products: Aeration systems, compressors
Services: Customer repairs
Specializations: Equipment