CURRICULUM VITAE

DR. MICHAEL T. KINNISON

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EDUCATION:

Doctor of Philosophy – 1999 – *Life history divergence and population structure of New Zealand chinook salmon: a study of contemporary microevolution.* 169 pp. University of Washington. Advisor: Dr. Thomas P. Quinn

Master of Science – 1997 - *Population differentiation in chinook salmon introduced to New Zealand: evidence from morphological, reproductive and early life history characters*. 181 pp. University of Washington. Advisor: Dr. Thomas P. Quinn

Bachelor of Science - Summa Cum Laude - 1993
Major: Marine and Freshwater Biology
Institution: University of New Hampshire

CURRENT PROFESSIONAL POSITIONS:

2016 onAssociate Director – School of Biology and Ecology
2016 onGraduate Coordinator – School of Biology and Ecology
2012 onProfessor of Evolutionary Applications – University of Maine
2012 onAdvance Rising Tide Center Advisory Panel (gender equity issues)
2002 onMaine Agricultural and Forest Experiment Station (Research Council)
2002 onCooperating Member of School of Marine Sciences
2002 onEcology and Environmental Sciences Program
2002 onCurator of University Fish Collection
2002 onGenetics advisor - Maine Atlantic Salmon Recovery Program
2006 onBig Reed Pond Arctic Charr Recovery Team
2008 onAdvisory board – U-Maine Center for Undergraduate Research
2009 on Editor – *Evolutionary Ecology Research*

PAST PROFESSIONAL POSITIONS:

2013-2015 Chair School of Biology and Ecology Peer Committee
2011 - 2015 Chair of Institutional Animal Care and Use Committee
2007 - 2012 Associate Professor of Biology and Ecology – University of Maine
2009 - 2010 Co-organizer – *Heron Island Summit on Applied Evolution* (Australia)
2010 Guest Editor – *Evolutionary Applications* Special Issue
2002 – 2007 Assistant professor of Biology – University of Maine
2002 – 2005 Institutional Animal Care and Use Committee
1999 – 2001 Croasdale Fellow in Ecology – Dartmouth College
1999 – 2001 Guest Editor of Journal *Genetica*

1993 – 1999 M.S. Thesis and Ph.D. Dissertation - University of Washington
1990 – 1993 Student laboratory technician and TA – University of New Hampshire

ACADEMIC HONORS:

Post-Graduate:

2014 - College Outstanding Teaching Award
2012 - College Outstanding Research Award
2011, 2012 - Nominated for College Outstanding Teaching Award
2009 - Number 30 on Discover Magazines list of top 100 science stories of 2009
2008 - ScienceWatch most highly cited paper in fast growing research front (Animal and Plant Sciences – Rapid Climate Change).
2007 - Nominated - American Institute of Fisheries Research Biologists Early Career Award.
2003 - Top-ten most downloaded article in Elsevier Science Direct (Environ. Sci.)
2002 - Runner-up best paper in *Transactions of the American Fisheries Society*
1999 - First Croasdale Fellow in Vertebrate Biology (Dartmouth College)

Graduate: School of Fisheries Recruitment Award
Recipient of H. Mason Keeler Fellowship
Recipient of Faculty Memorial Fellowship
Recipient of Faculty Merit Award (highest award given by school)

PROFESSIONAL SOCIETIES:

Society for the Study of Evolution, American Society of Naturalists, American Fisheries Society, Ecological Society of America, Gilbert Ichthyological Society, American Society of Ichthyologists and Herpetologist, European Society for Evolutionary Biology

TEACHING EXPERIENCE (*not including assistantships***)**

Vertebrate Biology (Dartmouth and U-Maine) – Annually 2000-2014
- developed course on the evolution, anatomy and natural history of vertebrates.
- additional lab course added at University of Maine in 2002
- included coordination of lectures, exams, hands-on specimen examination, course projects, field trips and teaching assistants.

Experimental Ecology (U-Maine) – Fall 2011
- co-instructed experiential course on experiments in ecology
- Meant to replace Experimental Aquatic Ecology by expanding breadth of coverage

Professionalism in Biology (U-Maine) –Fall 2005, 2010; Spring 2004, 2008, 2014, 2015
- co-instructed seminar class on professional development in biology

Issues and Opportunities for Undergraduates (U-Maine) – Fall 2003, 2007, 2011
- course to introduce new students to some of the expectations, resources and opportunities available to them at the University of Maine.

Principles and Practices of Research Mentoring (U-Maine) – Spring 2012, 2013, 2015
- first ever university course to train graduate students in research mentoring practices.
- hands-on approach requires each grad to mentor an undergrad over course of semester

Animal Behavior (Dartmouth) – Spring 2000
- presented series of lectures on genetic and environmental basis for behavior

Ecology and Evolution (Dartmouth) – Fall 2000, Fall 2001

- co-instructed introductory course on ecology and evolution
- developed lectures and exams and helped coordinated lab materials and teaching assistants

Evolution and Ecology Seminar (U-Maine) – Fall 2003, Academic year 2005-2008
- instructed graduate student seminar on current research in ecology and evolution

Experimental Aquatic Ecology (U-Maine) – Fall 2004, Fall 2006, Fall 2008
- co-instructed experiential course on experiments in ecology

Senior Paper in Ecology and Environmental Sciences (U-Maine) – Spring 2005
- Capstone writing course for seniors completing their degree program.

Nordic Marine Academy (Bergen Norway) – Fall 2010
- Special course on "Contemporary evolution: humans as agents of selection".

MANUSCRIPTS IN PEER-REVIEWED JOURNALS (Over *5449 cites, h = 32: per Google Scholar*)**:**

* Involved graduate student, undergraduate or postdoctoral author (I often take last author when head of lab)

Kinnison, M.T., Hairston, N.G. Jr., and A.P. Hendry. 2015. Cryptic eco-evolutionary dynamics. *Annals of the New York Academy of Sciences – The Year in Evolutionary Biology* 1360:120-144.

Fryxell, D.C., Arnett, H.A., Apgar, T.M., **Kinnison, M.T.** and E.P. Palkovacs. 2015. Sex ratio variation shapes the ecological effects of a globally introduced freshwater fish. *Proceedings of the Royal Society of London, B.* 288: 20151970. http://dx.doi.org/10.1098/rspb.2015.1970

Wippelhauser, G.S., Zydlewski, G.B., Kieffer, M., Sulikowski, J., and **M.T. Kinnison**. 2015. Shortnose sturgeon in the Gulf of Maine: use of spawning habitat in the Kennebec system and response to dam removal. *Transactions of the American Fisheries Society*. 144: 742-752.

Stich, D.S., **Kinnison, M.T.**, Kocik, J.F. and J.D. Zydlewski. 2015. Initiation of migration and movement rates of Atlantic salmon smolts in fresh water. *Canadian Journal of Fisheries and Aquatic Sciences*, 72: 1339-1351.

Stich, D.S., Bailey, M.M., Holbrook, C.M., **Kinnison, M.T.** and J.D. Zydlewski. 2015. Catchment-wide survival of wild- and hatchery-reared Atlantic salmon smolts in a changing system. *Canadian Journal of Fisheries and Aquatic Sciences* 72:1352-1365.

*Tuckett, Quenton M., Kevin S. Simon, Jasmine E. Saros, Stephen M. Coghlan Jr. and **M.T. Kinnison**. 2014. Biomass versus biodiversity: the relative contribution of population attributes to consumer nutrient loading in aquatic systems. *Evolutionary Ecology Research. Evolutionary Ecology Research*, 16:705-723.

Carroll, S.P., P.S. Jorgensen, **M.T. Kinnison,** C.T. Bergstrom, R.F. Denison, P. Gluckman, T.B. Smith, S.Y. Strauss and B.E. Tabashnik. 2014. Applying evolutionary biology to address global challenges. *Science*. 346:6207 DOI: 10.1126/science.1245993.

Smith, T.B., **M.T. Kinnison**, S.Y. Strauss, T.L. Fuller and S.P. Carroll. 2014. Prescriptive evolution to conserve and manage biodiversity. *Annual Review of Ecology, Evolution and Systematics*. 45.1.

*Tuckett, Q.M., Simon, K.S., Saros, J.E., Halliwell, D.B. and **M.T. Kinnison.** 2013. Fish trophic divergence along a lake productivity gradient revealed by historic patterns of invasion and eutrophication. *Freshwater Biology* 58:2517-2531.

*Strock, K.E., Saros, J.E., Simon, K.S., McGowan, S. and **M.T. Kinnison.** 2013. Cascading effects of generalist fish introduction in oligotrophic lakes. *Hydrobiologia* 711:99-113.

*Dionne, P.E., Zydlewski, G.B., **Kinnison, M.T.**, Zydlewski, J. and Wippelhauser, G.S. 2013. Reconsidering residency: characterization and conservation implications of complex migratory patterns of shortnose sturgeon (*Acipenser brevirostrum*). *Canadian Journal of Fisheries and Aquatic Sciences* 70:119-127.

*Palkovacs, E.P., **M.T. Kinnison**, C. Correa, C.M. Dalton and A.P. Hendry. 2012. Fates beyond traits: ecological consequences of human-induced trait change. *Evolutionary Applications* 5:183-191.

*Wilke, N.F., and **M.T. Kinnison**. 2011. Discerning adaptive divergence within an endangered conservation unit – Gulf of Maine Atlantic Salmon. *Evolutionary Ecology Research* 13: 813-832.

*Zydlewski, G.B., **M.T. Kinnison**, P.E. Dionne and J. Zydlewski. 2011. Shortnose sturgeon use small coastal rivers: the importance of habitat connectivity. *Journal of Applied Ichthyology* 27S1:41-44.

*Holbrook, C.M., **M.T. Kinnison** and J. Zydlewski. 2011. Survival of migrating Atlantic salmon smolts through the Penobscot River, Maine, USA: a pre-restoration assessment. *Transactions of the American Fisheries Society.*140:1255-1268.

*Palkovacs, E.P., B.A. Wasserman and **M.T. Kinnison**. 2011. Eco-evolutionary trophic dynamics: loss of top predators drives trophic evolution and ecology of prey. *PLoS One* DOI: 10.1371/journal.pone.0018879

Quinn, T.P., M.J. Unwin and **M.T. Kinnison**. 2011. Contemporary divergence in migratory timing of naturalized populations of Chinook salmon, Oncorhynchus tshawytscha, in New Zealand. *Evolutionary Ecology Research.*13:45-54.

*Holbrook, C.M., **M.T. Kinnison** and J. Zydlewski. 2011. Survival of migrating Atlantic salmon smolts through the Penobscot River, Maine, USA: a pre-restoration assessment. *Transactions of the American Fisheries Society* 140:1255-1268.

Kinnison, M.T., T.P. Quinn and M.J. Unwin. 2011. Correlated contemporary evolution of life history traits in New Zealand Chinook salmon, *Oncorhynchus tshawytscha*. *Heredity* 106:448-459.

*Weese, D.J., A.K. Schwartz, P. Bentzen, A.P. Hendry and **M.T. Kinnison**. 2011. Eco-evolutionary effects on population recovery following catastrophic disturbance. *Evolutionary Applications* 4:354-366.

Hendry, A.P., **M.T. Kinnison**, M. Heino, T. Day, T.B. Smith, G. Fitt, C.T. Bergstrom, J. Oakeshott, P.S. Jorgensen, M.P. Zalucki, G. Gilchrist, S. Southerton, A. Sih, S. Strauss, R.F. Denison and S.P. Carroll. 2011. Evolutionary principles and their practical application. *Evolutionary Applications* 4:159-183.

Carroll, S.P., **M.T. Kinnison** and L. Bernatchez. 2011. In the light of evolution: interdisciplinary challenges in food, health and the environment. *Evolutionary Applications* 4:155-158.

*Schwartz, A.K., D.J. Weese, P. Bentzen, **M.T. Kinnison** and A.P. Hendry. 2010. Both geography and ecology contribute to mating isolation in guppies. *PLoS One* 5(12): e15659.

*Reed, T.E., R.S. Waples, D.E. Schindler, J.J. Hard and **M.T. Kinnison**. 2010. Phenotypic plasticity and population viability: the importance of environmental predictability. *Proceedings of the Royal Society of London, B.* 1699:3391-3400.

*Weese, D.J., S.P. Gordon, A.P. Hendry, and **M.T. Kinnison**. 2010. Spatiotemporal variation in linear natural selection on body color in wild guppies (*Poecilia reticulata*). *Evolution.* 6:1802-1815.

*Bailey, M.M., K.A. Lachapelle and **M.T. Kinnison**. 2010. Ontogenetic selection on hatchery salmon in the wild: natural selection on artificial phenotypes. 2010. *Evolutionary Applications*. 3:340-351.

*Bailey, M.M. and **M.T. Kinnison**. 2010. Habitat-mediated size selection in endangered Atlantic salmon fry: selectional restoration assessment. *Evolutionary Applications*. 4:352-362.

*Fernandes, S.J., G.B. Zydlewski, J.D. Zydlewski, G.S. Wippelhauser and **M.T. Kinnison**. 2010. Seasonal distribution and movements of shortnose sturgeon and Atlantic sturgeon in the Penobscot River Estuary, Maine. *Transactions of the American Fisheries Society*. 139:1436-1449.

Bailey, J.K., A.P. Hendry, **M.T. Kinnison**, D.M. Post, E.P. Palkovacs, F. Pelleteir, L.J. Harmon and J.A. Schweitzer. 2009. From genes to ecosystems: an emerging synthesis of eco-evolutionary dynamics. *New Phytologist*. 184:746-749.

*Palkovacs, E.P., M.C. Marshall, B.A. Lamphere, B.R. Lynch, D.J. Weese, D.F. Fraser, D.N. Reznick, C.M. Pringle and **M.T. Kinnison**. 2009. An experimental evaluation of evolution and coevolution as agents of ecosystem change in tropical streams. *Philosophical Transactions of the Royal Society of London, B.* 364:1617-1628.

*Gordon, S.P., D.N. Reznick, **M.T. Kinnison**, M.J. Bryant, D.J. Weese, K. Rasanen, N.P. Millar and A.P. Hendry. *2009*. Adaptive changes in life history and survival following a new guppy introduction. *American Naturalist* 174:34-45.

*Horton, G.E., B.H. Letcher, M.M. Bailey and **M.T. Kinnison**. 2009. Atlantic salmon (*Salmo salar*) smolt production: the relative importance of survival and body growth. *Canadian Journal of Fisheries and Aquatic Sciences* 66:471-483.

*Holbrook, C. M., J. Zydlewski, D. Gorsky, S. L. Shepard and **M.T. Kinnison**. 2009. Movements of pre-spawn adult Atlantic salmon near hydroelectric dams in the lower Penobscot River, Maine, USA. *North American Journal of Fisheries Management* 29:495-505.

*Darimont, C.T., S.M. Carlson, **M.T. Kinnison**, P.C. Paquet, T.E. Reimchen and C.C. Wilmers. 2009. Human predators outpace other agents of trait change in the wild. *Proceedings of the National Academy of Sciences* 106:952-954.

*Michaud, W.K., M. Power and **M.T. Kinnison**. 2008. Trophically mediated divergence of Arctic charr (*Salvelinus alpinus* L.) populations in contemporary time. *Evolutionary Ecology Research* 10:1051-1066.

Ozgo, M. and **M.T. Kinnison**. 2008. Contingency and determinism during rapid convergent evolution in the land snail, *Cepaea nemoralis*. *Evolutionary Ecology Research.* 10:721-733.

Kinnison, M.T., M.J. Unwin and T.P. Quinn. 2008. Eco-evolutionary vs. habitat contributions to invasion in salmon: experimental evaluation in the wild. *Molecular Ecology* 17:405-414 (doi: 10.1111/j.1365-294X.2007.03495.x).

*Hendry, A.P., T.J. Farrugia and **M.T. Kinnison**. 2008. Human influences on rates of phenotypic change in wild animal populations. *Molecular Ecology* 17:20-29 (doi: 10.1111/j.1365-294X.2007.03428.x).

Kinnison, M.T. and N.G. Hairston, Jr. 2007. Eco-evolutionary conservation biology: contemporary evolution and the dynamics of persistence. *Functional Ecology* 21:444-454.

Kinnison, M.T., C.A. Stockwell and A.P. Hendry. 2007. Contemporary evolution meets conservation biology II: impediments to integration and application. *Ecological Research* 22:947-954.

Skelly, D.K., L.N. Joseph, H.P. Possingham, L.K. Freidenburg, T.J. Farrugia, **M.T. Kinnison** and A.P. Hendry. 2007. Evolutionary responses to climate change. *Conservation Biology* 21:1353-1355.

*Hendry, A.P., M.L. Kelly, **M.T. Kinnison** and D.N. Reznick. 2006. Parallel evolution of the sexes? Effects of predation and habitat on guppy body shape. *Journal of Evolutionary Biology*. 19:741-754.

*Millar, N.P., D.N. Reznick, **M.T. Kinnison** and A.P. Hendry. 2006. Disentangling the selective factors that act on male colour in wild guppies. *Oikos* 113:1-12.

*Crispo, E., P. Bentzen, D.N. Reznick, **M.T. Kinnison**, and A.P. Hendry. 2006. The relative influence of natural selection and geography on gene flow in guppies. *Molecular Ecology. 15:49-62.*

*Paterson, I.G., E. Crispo, **M.T. Kinnison**, A.P. Hendry and P. Bentzen. 2005. Characterization of tetranucleotide markers in the guppy (*Poecilia reticulata*). *Molecular Ecology Notes*. 5:269.

Kinnison, M.T., M.J. Unwin and T.P. Quinn. 2003. Migratory costs and contemporary evolution of reproductive allocation in male chinook salmon. *Journal of Evolutionary Biology*. 16:1257-1269.

Stockwell, C.A., A.P. Hendry and **M.T. Kinnison**. 2003. Contemporary evolution meets conservation biology. *Trends in Ecology and Evolution*. 18:94-101.

Unwin, M.J., **M.T. Kinnison**, N.C. Boustead and T.P. Quinn. 2003. Genetic control over survival in Pacific salmon (*Oncorhynchus* spp.): experimental evidence between and within populations of New Zealand chinook salmon (*O. tshawytscha*). *Canadian Journal of Fisheries and Aquatic Sciences*. 60:1-11.

Kinnison, M.T., P.Bentzen, M.J. Unwin and T.P.Quinn. 2002. Reconstructing recent divergence: evaluating non-equilibrium population structure in New Zealand chinook salmon. *Molecular Ecology* 11:739-754.

Pascual, M., **M. Kinnison**, C. Riva Rosi. 2002. First documented case of anadromy in a population of introduced rainbow trout in Patagonia: response to comment. *Transactions of the American Fisheries Society*. 131:585-588.

Kinnison, M.T. and A.P. Hendry. 2001. The pace of modern life II: from rates of contemporary microevolution to pattern and process. *Genetica* 112-113:145-164

Quinn, T.P., **M.T. Kinnison** and M.J. Unwin. 2001. Evolution of chinook salmon (*Oncorhynchus tshawytscha*) populations in New Zealand: Pattern, Rate and Process. *Genetica* 112-113:493-513.

Hendry, A.P. and **M.T. Kinnison**. 2001. An introduction to microevolution: rate, pattern, process. *Genetica* 112-113:1-8.

Pascual, M., P. Bentzen, C.R. Rossi, G. Mackey, **M.T. Kinnison** and R. Walker. 2001. First documented case of anadromy in a population of introduced rainbow trout in Patagonia, Argentina. *Transactions of the American Fisheries Society* 130:53-67.

Kinnison, M.T., M.J. Unwin, A.P. Hendry and T.P. Quinn. 2001. Migratory costs and the evolution of egg size and number in introduced and indigenous salmon populations. *Evolution* 55:1656-1667.

Unwin, M.J., T.P.Quinn, **M.T. Kinnison**, and N.C. Boustead. 2000. Divergence in juvenile growth and life history in two recently colonised and partially isolated chinook salmon populations. *Journal of Fish Biology* 57:943-960.

Quinn, T.P., M.J. Unwin and **M.T. Kinnison**. 2000. Evolution of temporal isolation in the wild: genetic divergence in timing of migration and breeding by introduced chinook salmon populations. *Evolution*. 54:1372-1385.

Kinnison, M.T., M.J. Unwin and F. Jara. 2000. Macroscopic intersexuality in salmonid fishes. *New Zealand Journal of Marine and Freshwater Research*. 34:125-134.

Hendry, A.P. and **M.T. Kinnison**. 1999. The pace of modern life: measuring rates of contemporary microevolution. *Evolution*. 53:1637-1653.

Quinn, T.P. and **M.T. Kinnison**. 1999. Size-selective and sex-selective predation by brown bears on sockeye salmon. *Oecologia*. 121:273-282.

Unwin, M.J., **M.T. Kinnison** and T.P. Quinn. 1999. Exceptions to semelparity: post-maturaiton survival, morphology and energetics of male chinook salmon. *Canadian Journal of Fisheries and Aquatic Sciences.* 56:1172-1181.

Kinnison, M.T., M.J. Unwin and T.P. Quinn. 1999. Growth and salinity tolerance of underyearling chinook salmon (*Oncorhynchus tshawytscha*) from two introduced New Zealand populations. *Canadian Journal of Zoology*. 76:2219-2226.

Kinnison, M.T., M.J. Unwin, W.K. Hershberger and T.P. Quinn. 1998. Egg size, fecundity and early development rate of two New Zealand chinook salmon (*Oncorhynchus tshawytscha*) populations. *Canadian Journal of Fisheries and Aquatic Sciences*. 55:1946-1953.

Kinnison, M.T., M.J. Unwin, N. Boustead and T.P. Quinn. 1998. Population-specific variation in body dimensions of adult chinook salmon (*Oncorhychus tshawytscha*) from New Zealand and a related Sacramento River population, 90 years after introduction. *Canadian Journal of Fisheries and Aquatic Sciences*. 55:554-563.

Jury, S.H., **M.T. Kinnison**, W.H. Howell and W.H. Watson. 1994. The behavior of lobsters in response to reduced salinity. *Journal of Experimental Marine Biology and Ecology*. 176(2):167-185.

Jury, S.H., **M.T. Kinnison**, W.H. Howell and W.H. Watson. 1994. The effects of reduced salinity on lobster (*Homarus americanus* Milne-Edwards) metabolism: implications for estuarine populations. *Journal of Experimental Marine Biology and Ecology*. 180(1):23-37.

PUBLISHED COMMENTARY:

Possingham, H. And **M. Kinnison.** 2010. Is conservation too conservative? *Decision Point*. 36:3-4.

Kinnison, M.T., E.P. Palkovacs, C.T. Darimont, S.M. Carlson, **M.T. Kinnison**, P.C. Paquet and C.C. Wilmers. 2009. Some cautionary notes on fisheries evolutionary impact assessments. *Proceedings of the National Academy of Sciences*. 106

*Darimont, C.T., S.M. Carlson, **M.T. Kinnison**, P.C. Paquet, T.E. Reimchen and C.C. Wilmers 2009. Reply to Koons: harvest-related trait changes in an increasingly variable world. *Proceedings of the National Academy of Sciences*. 106

Hendry, A.P. and **M.T. Kinnison**. 1998. Taking time with micro-evolution. *Trends in Ecology and Evolution*. 13(2):76-77.

TECHNICAL REPORTS:

Hey, J., E.L. Brannon, D.E. Campton, R.W. Doyle, I.A. Fleming, **M.T. Kinnison**, R. Lande, J. Olsen, D.P. Philipp, J. Travis, C.C. Wood and H. Doremus. 2005. Considering life history, behavioural and ecological complexity in defining conservation units for Pacific Salmon: an independent panel report, requested by NOAA Fisheries.

Bartron, M., D. Buckley, T. King, T. King, **M. Kinnison**, G. Mackey, T. Sheehan, G. Marancik and K. Beland. 2006. Captive broodstock management plan For Atlantic salmon at Craig Brook National Fish Hatchery. United States Fish and Wild Service.

Frost, F.O., **Kinnison, M.T**. and Kircheis, F.W. 2009. Reclamation and restoration of Big Reed Pond, a historic Arctic charr (*Salvelinus alpinus*) ecosystem in Maine. Maine Department of Inland Fisheries and Wildlife Biological Resources Division - Draft Technical Report (for peer review and comment prior to implementation of restoration plan).

BOOKS, EDITED VOLUMES AND BOOK CHAPTERS (* = *Peer reviewed*)**:**

*Stockwell, C.A., **M.T. Kinnison**, A.P. Hendry and J.A. Hamilton. 2016. Evolutionary Restoration Ecology. In *Foundations of Restoration Ecology* – 2nd ed. D. Falk, M. Palmer, J. Zedler eds. Island Press.

Kinnison, M.T. 2008. Evolutionary management. In *Conservation Biology: Evolution in Action*. S.P. Carroll and C.W. Fox eds., Oxford University Press.

*Stockwell, C.A., **M.T. Kinnison** and A.P. Hendry.2005. Evolutionary Restoration Ecology. In *Foundations of Restoration Ecology*. D. Falk, M. Palmer, J. Zedler eds. Island Press.

***Kinnison, M.T.**, and A.P. Hendry. 2004. From Macro to micro: tempo and mode in salmon evolution. In A. Hendry and S. Stearns eds. Evolution Illuminated: Salmon and their Relatives. Oxford University Press.

*Einum, S., **M.T. Kinnison** and A.P. Hendry. 2004. Evolution of egg size and number. In A. Hendry and S. Stearns eds. Evolution Illuminated: Salmon and their Relatives. Oxford University Press.

*Hendry, A.P., V. Castric, M.J. Unwin, **M.T. Kinnison**, T.P. Quinn. 2004. Philopatry and dispersal: homing vs. straying in salmonids. In A. Hendry and S. Stearns eds. Evolution Illuminated: Salmon and their Relatives. Oxford University Press.

Hendry, A.P and **M.T. Kinnison** (Invited Editors). 2001. Microevolution: rate, pattern, process. *Genetica* (special issue). 30+ invited contributors. Also appearing in book form in the *Contemporary Issues in Genetics and Evolution Series*, by Kluwer Academic Publishers.

MANUSCRIPTS IN REVIEW/REVISION:

* Involved graduate student, undergraduate or postdoctoral author (I often take last author when head of lab)

*Fernandes, S.J., G.B. Zydlewski and **M.T. Kinnison**. *In Review*. Population demography of Atlantic (Acipenser oxyrinchus oxyrinchus) and shortnose sturgeon (Acipenser brevirostrum) in the Penobscot River Estuary, Maine. *Journal of Applied Ichthyology.*

SELECTED PRESENTATIONS BY M. KINNISON – APPROX. LAST 10 YEARS (* = *Invited*)**:**
(Not including co-authored talks by students or colleagues)

*Kinnison, M.T. 2015. Eco-evolutionary dynamics in aquatic systems: challenges and opportunities from a 'fishy' perspective. Biology Department Seminar Series, North Dakota State University, Fargo, ND.

*Kinnison, M.T. and S.M. Carlson. 2015. Darwinian Differential Diagnosis: A Tool for Addressing Natural and Anthropogenic Selection in Fish Conservation and Fisheries. 145th Annual Meeting of the American Fisheries Society, Portland, Oregon.

*Kinnison, M.T., Q. Tuckett and Simon, K. 2014. Context-dependent eco-evolutionary dynamics reinforce cultural eutrophication. Joint Aquatic Sciences Meeting. Portland, Oregon.

*Kinnison, M.T. 2014. Splitting hairs or splitting atoms: assessing whether eco-evolutionary dynamics really matter. Biology Department Seminar Series, Universite de Sherbrooke, Quebec.

*Kinnison, M.T. 2013. Splitting hairs or splitting atoms: do eco-evolutionary dynamics really matter? *Ecology and Evolutionary Biology Seminar Series*. University of Connecticut, Storrs, USA.

*Kinnison, M.T. 2013. DNA approaches to trout management. Presentation to *Maine Department of Inland Fisheries and Wildlife Brook Trout Working Group*. Bangor, Maine.

*Kinnison, M.T. 2013. Tackling the four 'C's of contemporary evolution: characteristics, causes, consequences and control. *Department of Ecology and Evolution*. Stony brook University, Stony Brook, NY.

*Kinnison, M.T. 2013. Mike's four 'C's of contemporary evolution: characteristics, causes, consequences and control. *Ecology and Evolutionary Biology Program*. University of Tennessee, Knoxville TN.

*Kinnison, M.T. 2013. Honest frames of reference: are we stacking the eco-evolutionary deck? *Eco-Evolutionary Dynamics in a Changing World Summit*, Lorentz Center, Leiden, Netherlands.

*Kinnison, M.T. 2012. Splitting hairs or splitting atoms: do eco-evolutionary dynamics really matter? *Ecology and Evolutionary Biology Seminar Series*. University of California, Santa Cruz, USA.

*Kinnison, M.T. and S. Carlson. 2012. The unrepentant selectionist's guide to salmonid management: Part 1. the prevalence of selection in salmonid management. 142nd Annual Meeting of the American Fisheries Society, St. Paul, MN, USA.

*Kinnison, M.T. 2012. Splitting hairs or splitting atoms: do eco-evolutionary dynamics really matter? *Marine Sciences Program Seminar Series*. Florida International University, Miami, USA.

*Kinnison, M.T. 2012. Splitting hairs or splitting atoms: do eco-evolutionary dynamics really matter? *Ecology and Evolutionary Biology Seminar Series*. University of Tennessee, Knoxville, USA.

*Kinnison, M.T. 2011. Keynote: Filling the gaps in an eco-phenotypic framework of salmonid population resilience. Symposium: Factors Contributing to the Population Resilience of Resident and Anadromous Salmonids. 141st Annual Meeting of the American Fisheries Society, Seattle, WA, USA.

*Kinnison, M.T., M.J. Unwin and T.P. Quinn. 2011. Correlated contemporary evolution in New Zealand Chinook salmon: implications for PMRN inference. Symposium: Evolutionary Ecology, Plasticity, and Adaptability of Fish Life Histories: a Symposium in Two Parts. 141st Annual Meeting of the American Fisheries Society, Seattle, WA, USA.

*Kinnison, M.T. 2011. Keynote: splitting hairs or splitting atoms: do eco-evolutionary dynamics really matter? *Center for Ecology, Evolution and Behavior Annual Symposium*. Lexington, Kentucky, USA.

*Kinnison, M.T., 2011. Maine's Arctic charr heritage: past, present and future. Merrymeeting Bay Chapter of Trout Unlimited, Maine, USA.

*Kinnison, M. T. 2010. Contemporary evolution during species invasions and global change: from traits to ecological consequences. *Nordic Marine Academy*, Bergen, Norway.

*Kinnison, M.T. 2010. Splitting hairs or splitting atoms: do eco-evolutionary dynamics really matter? *School of Biology and Ecology Seminar Series*, University of Maine, Orono, ME, USA.

*Kinnison, M.T. 2010. Does fine-scale evolution really matter for ecology and conservation? *SMCC Distinguished Lecture Series*, Portland, ME, USA.

*Kinnison, M.T. 2010. Eco-evolutionary conservation biology: beyond diversity for diversity's sake. *Applied Evolution Summit*, Heron Island, Queensland, Australia.

*Kinnison, M.T., Palkovacs, E.P., Marshall, M.C., Lamphere, B.A., Lynch, B.R., Weese, D.J., Fraser, D.F., Pringle, C.M. and Reznick, D.N. 2009. Evolution and co-evolution as agents of ecosystem change in Trinidadian Streams. *94th Ecological Society of America Meeting*, Albuquerque, NM, USA.

*Kinnison, M.T. 2009. Why fine-scale evolution matters: linking fish population diversity and contemporary evolution to ecological dynamics. *Biology Department Seminar Series*, University of New Brunswick, Fredericton, NB, CA.

*Kinnison, M.T. 2008. Evolutionary conservation biology: the other side of the biodiversity crisis. *Society for Conservation Biology Seminar*, University of Maine, Orono, ME, USA.

Kinnison, M., E. Palkovacs and D. Weese. 2008. Why interspecific diversity matters: linking fish population diversity and contemporary evolution to ecological dynamics. *Ecological and Evolutionary Ethology of Fishes Meeting*. Boston, MA, USA.

*Kinnison, M.T. 2008. Contemporary evolution in salmon. *Panel on Salmon Responses to Climate Change*. National Center for Ecological Analysis and Synthesis, Santa Barbara, CA, USA.

*Kinnison, M.T. 2007. Consequences of contemporary evolution: experiments in wild fish populations. *Department of Ecology and Evolutionary Biology Seminar*, Cornell University, Ithaca, NY, USA.

*Kinnison, M.T., T.P. Quinn and M.J. Unwin. 2007. Rapid evolution as an ecological component of invasion: experimental evaluation in the wild. *Evolutionary Change in Human-Altered Environments: an International Summit*. University of California, Los Angeles, CA, USA

*Kinnison, M., D. Weese, P. Bentzen, D. Reznick and A. Hendry. 2006. Fish population recovery following catastrophic disturbance: local versus immigrant contributions. *VIIth International Congress on the Biology of Fish*. St. John's, Newfoundland, Canada.

*Kinnison, M.T. 2006. The evolutionary population ecology of fish invaders: traits, vital rates and the fate of populations. *Center of Excellence Program, Hokkaido University*, Sapporo, Japan.

*Kinnison, M.T. 2006. The evolutionary population ecology of fish invaders: traits, vital rates and the fate of populations. *Japanese Ecological Society*, Niigata, Japan.

Bailey, M. and M. Kinnison. 2006 Selective Mortality in hatchery-produced salmon fry in Maine. *3rd Maine Atlantic Salmon Technical Advisory Committee Research Forum*. University of Maine, Orono, ME.(I presented the paper because student co-author was unavailable)

*Kinnison, M.T. 2005. Consequences of contemporary evolution: experimental insights from wild fish populations. *Zoology Department Seminar Series*, University of New Hampshire, Durham, NH, USA.

*Kinnison, M.T. 2005. Consequences of contemporary evolution: experimental insights from wild fish populations. *Ecology and Evolutionary Biology Department Seminar*, Yale University.

*Kinnison, M.T. 2005. Contemporary evolution versus ecology as determinants of population performance in an exotic fish. Symposium on "Evolution over Ecological Time Scales". *Ecological Society of America Meeting*, Montreal, Quebec, CA.

*Kinnison, M.T. 2005. Tempo and Mode of Contemporary Evolution. Panelist for *Workshop on Defining Complex Units of Conservation*. Seattle, Washington.

Kinnison, M.T. 2004. Evolution of fitness in New Zealand salmon and the "value" of contemporary adaptation. *Ecological and Evolutionary Ethology of Fishes Meeting*, Iceland.

*Kinnison, M.T. 2004. Travel and sex on a tight budget: migration and the evolution of reproductive allocation and fitness. *Biology Department Seminar*, Dalhousie University, Halifax, Nova Scotia, Canada.

*Kinnison, M.T. 2004. Travel and sex on a tight budget: migration, reproductive allocation and fitness in salmon. *Biology Department Seminar*, University of New Brunswick, Fredericton, NB, Canada

*Kinnison, M.T., N. Wilke and T. King. 2003. Loss of molecular and trait variation in six populations of endangered Maine Salmon. *133rd Meeting of the American Fisheries Society*, Quebec City, Quebec, Canada.

*Kinnison, M.T. 2003. Travel and sex on a tight budget: migration and the evolution of reproductive allocation and fitness. *Biology Department Seminar*, University of Southern Maine, Portland, ME, USA

Kinnison, M.T. 2003. Adaptive divergence in New Zealand salmon and the fitness value of contemporary evolution. *Society for the Study of Evolution*, Chico, CA. USA

*Kinnison, M.T. 2003. Travel and sex on a tight budget: migration and the evolution of reproductive allocation in salmon. *Organismal and Evolutionary Biology Program Semina*r, University of Massachusetts, Amherst, MA, USA.

*Kinnison, M.T. 2003. Travel and sex on a tight budget: migration and the evolution of reproductive allocation in salmon. *Biological Sciences Seminar*, Laval University, Quebec.

*Kinnison, M.T. 2003. Genetic marking: principles and practice. Presentation to Maine Aquaculture Association.

CURRICULUM VITAE

GRANTS AND CONTRACTS AWARDED:

PI or Co-PI on over $10 million in research support (over $5.5 million direct to U-Maine):

2015 – "Collaborative Research: Testing eco-evolutionary trophic cascades in aquatic Ecosystems"
- PI; NSF Population and Community Ecology: NSF DEB-1457112.
- $544,462 ($277,168 to UMaine)(3 years)

2014 – "Developing DNA tools to assess genetic consequences of historic trout stocking"
- PI; US FWS State Wildlife Grant Program (via MDIFW)
- $81219 (2 years)

2014 – "Further development of a chemical/elemental analytical technique to determine anadromy in Maine's Wild Coastal Brook Trout"
- PI; US FWS State Wildlife Grant Program (via MDIFW)
- $8000 (2 years)

2014 – "Developing eDNA technology to sustain Maine's fishes of priority conservation concern"
- PI; US FWS State Wildlife Grant Program (via MDIFW)
- $50915 (2 years)

2014 – "Investigation into the distribution and abundance of Atlantic sturgeon and other diadromous species in the Penobscot River, Maine."
- PI & co-PI; Penobscot River Restoration Trust and NOAA Fisheries
- $86298 (1.25 years)

2013 – "Of pools and people: small natural features with large ecosystem functions in urbanizing landscapes"
- Co-PI; NSF Coupled Natural Systems
- $1487028 (5 Years)

2013 – "An environmental DNA detection system for Maine's Invasive and Imperiled Aquatic Species"
- PI; Maine Outdoor Heritage Fund
- $15117 (2 years)

2013 – "Biogeography and conservation of Maine's Island Amphibians"
- PI; Maine Outdoor Heritage Fund
- $9757 (2 years)

2012 – "Lake foodweb responses to biomanipulation of East Pond – Supplement"
- PI; US EPA (via Maine DEP)
- $8,200 (1 Year)

2010 – "Demographic correspondence and intersystem movements of sturgeon in Maine"
- Co-PI; US Dept. of Commerce (NOAA via Maine DMR)
- $481,687 (UMaine share)(Over $1 million to Maine institutions)(3 Years)

2010 – "Dissertation research: Eco-evolutionary effects of an aquatic consumer"
- Advisor (co); National Science Foundation DDIG Program
- $12,217 (1 Year)

2010 –"Eco-evolutionary interactions and the conservation of aquatic resources"
- PI; USDA – Hatch
- Ca. $200,000 (estimated based on 50% professional staff + benefits for 5 years, grad student support) (5 years)

2010 – "Lake foodweb responses to biomanipulation of East Pond – Phase 3"
- PI; US EPA (via Maine DEP)
- $50,500 (2.5 Years)

2009 – "ARRA – Active tag telemetry of shortnose sturgeon"
- Co-PI; US Dept. of Commerce (Penobscot Restoration Trust)

- $299,333

2009 – "Development of an isotopic/elemental assay to detect diadromy in brook trout – Phase 2"
- PI; ME Dept. of Inland Fisheries and Wildlife
- $10,442 (1 Year)

2009 – "Sunfishes (Lepomis spp.) as a model system for studying ecological speciation"
- PI; Maine Summer Faculty Research Competition
- $7,500 (2 Mo.)

2008 – "Penobscot River restoration: documentation of shortnose sturgeon spawning and characterization of spawning habitat"
- Co-PI; Nature Conservancy – NOAA Community-Based Restoration Program
- $36103 (1 Year)

2007 – "Lake foodweb responses to biomanipulation of East Pond – Phase 2"
- PI; US EPA (via Maine DEP)
- $75,728 (3 Years)

2007 – "Linking genes to ecosystems: how do ecological and evolutionary processes interact in nature?"
- Senior Personnel; NSF – Frontiers in Integrative Biological Research
- $462,843 (to UMaine – total grant of $5 million)(4 Years)

2007 – "Investigation into the distribution and abundance of shortnose sturgeon in the Penobscot River, Maine"
- Co-PI: US Dept. of Commerce (NOAA via Maine DMR)
- $243651 (3 Years)

2006 – "Development of an isotopic/elemental assay to identify diadromy in brook trout – Phase 1"
- PI; ME Dept. of Inland Fisheries and Wildlife
- $12,585 (3 Years)

2006 – "Movements of pre-spawn Penobscot river salmon: assessing limits on upstream migration"
- Co-PI; West Enfield Fund
- $20,000 (1 Year)

2006 – "Introduced trout and the biological diversity of freshwater fishes in the Southern Andes"
- Senior personnel; National Geographic Society
- $20,000 (managed by PIs at McGill University)

2005 – "Evolutionary ecology of Maine fishes: adaptive variation and conservation"
- PI; USDA – Hatch
- Ca. $180,000 (estimated based on 50% professional staff + benefits for 5 years, grad student support) (5 years)

2005 – "Migration of Penobscot River salmon smolts: ultrasonic telemetry studies – phase 2"
- Co-PI; National Fish and Wildlife Foundation
- $95575 (1 Year)

2005 – "Investigation in the distribution and abundance of Atlantic sturgeon and other diadromous species in the Penobscot River, Maine"
- PI; US Dept. of Commerce (via US Dept. of Interior)
- $185258

2004 – "Migration of Penobscot River salmon smolts: ultrasonic telemetry studies – phase 1"
- PI; National Fish and Wildlife Foundation
- $150000 (1 Year)

2003 – "Adaptive divergence versus gene flow in the wild: evaluation in Trinidadian guppy populations"
- PI; National Science Foundation - DEB
- $399139 (4 Years)

2003 – "Ecology and life history of Atlantic salmon in a tributary of the Narraguagus River"

- PI: US Dept. of Commerce (Via Maine Atlantic Salmon Commission)
- $247300 (4.5 Years)

2003-Present – "Research on Arctic charr and other species in Floods Pond, Maine"
- PI: Bangor Water District
- Annual contributions to gift account (ca. $15000 to date)

2002 – "Study of phenotypic and genetic variation in Maine DPS Atlantic salmon at Craig Brook National Fish Hatchery"
- PI; US Dept. of Commerce (NOAA)
- $200,000 (3 Years)

2002 – "Adaptive trait variation and conservation of Maine salmonid fishes"
- PI; USDA (Hatch)
- Ca. $110,000 (estimated based on 50% professional staff + benefits for 3 years, 2 years grad student support) (3 years)

ADVISING AND MENTORING:

Matthew Altenritter (PhD advisor) – Metapopulation attributes of sturgeon in the Gulf of Maine
Heather Arnett (PhD advisor) – Mosquitofish as a model system of eco-evolutionary dynamics
Michael Bailey (PhD advisor) – Ecological and evolutionary aspects of salmon restoration
Phillip Dionne (Dual MS advisor) – Population status and habitat use of Penobscot sturgeon
Stephen Fernandes (MS advisor) – Population status and movements of Penobscot sturgeon
Christopher Holbrook (MS advisor) – Impediments to salmon migration in Penobscot River
Jared Homola (PhD advisor) – Landscape genetics of vernal pool amphibians
Wendy Michaud (MS advisor) – Maine Arctic charr diversity and contemporary evolution
Eric Palkovacs (Postdoc advisor) – Eco-evolutionary dynamics in Trinidadian guppies
Nikko Ideen Shaidani (MS advisor) – Biogeography of Maine's Island Salamanders
Quenton Tuckett (PhD advisor) – Invasive white perch divergence and eco-evolutionary effects
Lauren Turinetti (MS advisor) – Development of eDNA tools for Maine fishes
Dylan Weese (PhD advisor) – Gene flow / Natural Selection interactions in guppies
Nathan Wilke (MS advisor) – Trait divergence and conservation of endangered salmon
Zachary Wood (PhD advisor) – Eco-evolutionary dynamics of trophic cascades and domestication
Geneva York (MS advisor) – eDNA tools for invasive and indigenous bass and sunfish in Maine
Graduate Committee Member – 25+ additional grads within and beyond University of Maine
Scott McCairns (PhD Laval) – Outside reader and examiner for PhD
Undergraduate Advising – ca. 20+ advisees per annum including independent research projects
Faculty mentor to student subunit of American Fisheries Society

SERVICE TO UNIT, COLLEGE AND UNIVERSITY (2001-PRESENT):

Associate Director of School of Biology and Ecology, Graduate Coordinator of School of Biology and Ecology, Executive Committee of University of Maine Grad Board, Chair of Institutional Animal Care and Use Committee, Advance Rising Tide Center Advisory Board (promotes gender equity), MAFES Research Council, Faculty Senate, Eco-Lunch Organizer, School of Biology and Ecology Peer Committee (chair), Drafting team for HHMI Proposal to support first generation and non-traditional students, Chair of SBE Director/Associate Director Search Committee, Institutional Animal Care and Use Committee, Nine Faculty/Director Job Searches (Chair on 3), Panel member for two faculty development workshops (via Advance Program and CUGR), Curator of University Fish Collection, Building and Space Manager, Graduate Admission and Curriculum Committee, Seminar Series Organizer, Committee to Form a Center for Undergraduate Research, Committee to establish University of Maine's emerging 'One Health' initiative, Center for Undergraduate Research Board

Member, Ecology Degree Development Committee, Biology Department Policy Advisory Committee, Committee for Formation of School of Biology and Ecology.

REVIEWER FOR JOURNALS (2001-PRESENT):

Science, Nature, Philosophical Transactions of the Royal Society (B), Proceedings of the Royal Society (B), Evolution, Ecology, Biology Letters, Conservation Biology, Molecular Ecology, Conservation Genetics, BioScience, Evolutionary Ecology Research, Evolutionary Ecology, Evolutionary Applications, Frontiers in Ecology and Environment, Biological Reviews, Canadian Journal of Fisheries and Aquatic Sciences, Journal of Fish Biology, Functional Ecology, Journal of Heredity, Transactions of the American Fisheries Society, Aquaculture, Ecology of Freshwater Fish, Ecological Research, Northeastern Naturalist.

REVIEWER FOR GRANT PROPOSALS (2001-PRESENT):

- National Science Foundation of the United States (55+)
- National Science and Engineering Research Council of Canada (Several)
- Austrian Science Foundation
- National Oceanic and Atmospheric Administration
- National Geographic Society (Several)
- Canada Foundation for Innovation
- Marsden Fund

PANEL/SYMPOSIA SERVICE:

2014: Co-organizer of symposium "Eco-evolutionary dynamics in aquatic ecosystems" – Joint Aquatic Sciences Meeting, Portland, OR.
2013: Center for Undergraduate Research – *Mentoring Undergraduates: Pros and Cons* – University of Maine
2013: ADVANCE Rising Tide Center – *Advancing to Full Professor* – University of Maine
2010: Co-organizer of Applied Evolution Summit – Heron Island, Australia
2010: National Science Foundation – *Doctoral Dissertation Improvement Grants (Evolutionary Genetics) Panel*, Arlington, VA.
2009: Diadromous Species Restoration Research Network Science Forum – *Restorations as Experiments Panel.*
2008: National Center for Ecological Analysis and Synthesis – *Evolutionary versus Plastic Responses of Pacific Salmon to Climate Change.*
2006: National Science Foundation – *Evolutionary and Population Ecology Panel*, Arlington, VA.
2005: NOAA Fisheries independent scientific panel on: *Considering life history, behavioural and ecological complexity in defining conservation units for Pacific Salmon*. Seattle, WA.
2003: Workshop on *Distinct Populations in Aquatic Species at Risk,* St. Andrews, New Brunswick, Canada.
2002-Present: Maine Atlantic Salmon Technical Advisory Committee

PUBLIC OUTREACH OR TESTIMONY:

2015: Presentation on eDNA for fish and wildlife management – To MDIFW's monthly biologists meeting.

2014: Presentations on DNA tools for trout management – to MDIFW's Trout Management Advisory Committee and to Annual Biologists Retreat.
2012: Penobscot River State of the River Meeting – Veazie Salmon Club.
2008: Maine School Administrative District 59 – Evolution's role in science and science education (Public presentation and question session in response to efforts to remove evolution from science curriculum).
2003: Maine Aquaculture Association – use of genetic markers as a means to meet federal requirements for tracking escaped salmon.
2003-2008: Bangor Water District and Maine Department of Fisheries and Wildlife – Annual presentations on Arctic charr population status for purpose of water resource management.
2002-2010: Multiple presentations to K-12 school groups, fishing clubs, and other public groups on fish research activities and conservation science.

RECENT COLLABORATORS:

Paul Bentzen (Dalhousie); Louis Bernatchez (Laval University); Chris Darimont (U.C. Santa Cruz); Don DeAngelis (University of Miami); Sigurd Einum (Trondhiem University, Norway); Regis Ferriere (University of Arizona); Alex Flecker (Cornell); Douglas Fraser (Siena College); Cameron Ghalambor (Colorado State); James Gilliam (North Carolina State); Nelson Hairston Jr. (Cornell); Andrew Hendry (McGill University); John Kocik (NOAA); Malgorzata Ozgo (Pomeranian Pedagogical University, Poland); Catherine Pringle (University of Georgia); Thomas Quinn (University of Washington); Thomas Reed (University of Washington); David Reznick (U.C. Riverside); Jasmine Saros (University of Maine); Daniel Schindler (University of Washington); Kevin Simon (University of Maine); David Skelly (Yale); Craig Stockwell (North Dakota State); Steven Thomas (University of Nebraska); Joseph Travis (Florida State); Joan Trial (Maine Altantic Salmon Commission); Martin Unwin (National Institute of Water and Atmosphere, NZ); Robin Waples (NOAA/NMFS – Northwest Fisheries Science Center); Katherine Webster (University of Maine); Gayle Zydlewski (University of Maine); Joseph Zylewski (USGS Coop – U. Maine).

SELECTED RECENT MEDIA COVERAGE AND COMMENTARY:

Associated Press (Multiple releases to numerous outlets), New York Times, Christian Science Monitor, Boston Globe, London Daily Telegraph, Nature News and Views, ABC News, National Geographic (Online), AAAS Science Now (Online), Scientific American (Online), Discovery News (Online), BBC Earth Watch, New Scientist, Fly Rod and Reel Magazine, Conservation in Practice, Frontiers in Ecology and the Environment, National Public Radio, Radio Canada International, Canadian Broadcast Corporation (Radio), Maine Public Broadcasting (Radio and Television), WABI TV News, Bangor Daily News (Multiple articles), Portland Press Herald, NOAA/NMFS Public Relations, Penobscot River Restoration Trust, Maine Sunday Telegram, U-Maine Today (multiple articles), Commentary to multiple freelance authors (e.g., Carl Simmer, Madeliene Nash).

A video produced to highlight a meeting on applied evolution organized by M.Kinnison and colleagues: http://www.evolutionsummit.org/01_cms/details.asp?ID=6

PROFESSIONAL REFERENCES:

Dr. Thomas Quinn
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University of Washington

Dr. Andrew Hendry
Redpath Museum and Department of Biology
McGill University

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