

Media, Presentations 2014-2018

Scientific Publications

Miller, R.Z., Watts, A.J.R., Winslow, B.O., Galloway, T.S., Barrows, A.P.W. (2017) **Mountains to the sea: River study of plastic and non-plastic microfiber pollution in the northeast USA.** Marine Pollution Bulletin, <http://dx.doi.org/10.1016/j.marpolbul.2017.07.028>

Barrows, A.P.W., Neumann, C.A., Berger, M.L., Shaw, S.D. (2017) **Grab vs. neuston tow net: a microplastic sampling performance comparison and possible advances in the field.** Analytical Methods. Advance Article. DOI: 10.1039/c6ay02387h

Bar-Ness, Y.D., McQuillan, P.B., Whitman, M., Junker, R.R., Cracknell, M., Barrows, A. (2011). **Sampling forest canopy arthropod biodiversity with three novel minimal-cost trap designs.** Australian Journal of Entomology. 51(1):12 – 21

Baine M.S.P., Barrows A.P.W., Ganiga, G., Martin-Smith, K.M. (2008). **Residence and Movement of Pygmy Seahorses, *Hippocampus bargibanti*, on sea fans (*Muricella* spp.)** Coral Reefs. 27:2 Pp. 421.

Barrows A.P.W., Martin-Smith K.M., Baine M.S.P. (2008). **Population Parameters and Life History Characteristics of the Alligator Pipefish *Syngnathoides biaculeatus* (Bloch), in Papua New Guinea.** Journal of Fish Biology. 74: 4 Pp 806-819.

Books

MICRO 2016. **Fate and Impact of Microplastics in Marine Ecosystems From the Coastline to the Open Sea**

Edited by: Juan Baztan, Bethany Jorgensen, Sabine Pahl, Richard C. Thompson and Jean-Paul Vanderlinden ELSEVIER ISBN: 978-0-12-812271-6

News/Media Articles

2018

Newsmax Health: [Small Plastic Microfibers Pose Big Health Threat, Experts Say](#)

Portland Herald Press: [Survey of Casco Bay finds microplastics in four distinct regions](#)

2017

National Geographic-Explorers Journal: [A Firsthand Account of Indonesian Plastic Pollution](#)

PBS NewsHour: [This New York river dumps millions of fabric microfibers into the ocean daily](#)

EcoWatch: [Hudson River Dumps 300 Million Microfibers Into Atlantic Ocean Daily](#)

Wild Northeast: Chasing Wild Plastic

2016

The Guardian: [How your clothes are poisoning our oceans and food supply](#)

Ocean Conservancy-Ocean Currents: [Microplastics in Paradise](#)

High Country News: [Meet the new advocates for the West](#)

The Washington Post: Are synthetic fleece and other types of clothing harming our water?

Alternet: Microfiber Madness: [Synthetic Fabrics Harm Wildlife, Poison the Food Supply and Expose You to Toxic Chemicals](#)

2015

Outside Magazine: [The Invisible Nightmare in Your Fleece](#)

Monterey County Weekly: [Trash is eaten by marine life and ending on our plates](#)

CBC News: [Microplastic amounts in P.E.I waters to be studied by U.S. researchers](#)

Mountain Magazine: [The Fleece police are Coming to Arrest Me, Oh No!](#)

Plastic Pollution Coalition: Plastic Free Times: [Freshwater: The New Frontier in Microplastics Research](#)

Penobscot Bay Press, [Blue Hill researchers weigh in on plastics problem in Maine](#)

EcoWatch: [Are Microplastics in Your Salmon Filet?](#)

2014

The Guardian: [Inside the lonely fight against the biggest environmental problem you've never heard of](#)

Sierra Club: [Scientists and Adventurers Team up to Fight Microplastics](#)

Radio

NPR- Weekend edition: [Citizen Adventurers Sample Seawater to Count Tiny Pieces of Plastic](#)

MPBN

Boat Radio, [The Wheelhouse](#)

WERU, [Coastal Conversations](#)

TV

Al-Jazeera: [Plastic contamination: Study shows bits of plastic in tap water](#)

Fox 22 ABC 7 Maine: [Marine law is first step to clean up shoreline](#)

WABI TV5 Maine: [Blue Hill Group Studying Plastics in Maine Sea](#)

Legislation

127th Maine Legislature LD 85

An Act To Prohibit Synthetic Plastic Microbeads in Personal Care Products and Over-the-counter Drugs

127th Maine Legislature LD 427

An Act To Address and Mitigate the Effects of Marine Debris

128th Maine Legislature LD 103

An Act To Prohibit the Use of Certain Disposable Food Service Containers

Government Reports

Marine biodiversity and protected areas in Palau: Scientific report to the government of the Republic of Palau. Friedlander AM, Golbuu Y, Caselle JE, Ballesteros E, Letessier TB, Meeuwig JJ, Gouezo M, Olsudong D, Turchik A, Sala E. 2014

State of Washington Water Quality Assessment. Water quality recommendations for the WA Dept. of Ecology. Center for Biological Diversity. Kopcho, B. 2016

Conference Presentations

2017

IAGLR-Grab vs. neuston tow net: a microplastic sampling performance comparison

2016

Maine Fisherman's Forum-Microplastics Ingestion by Gulf of Maine Commercial Seafood Species

AGU Ocean Sciences Meeting, Microplastics session- New Orleans, LA

MICRO2016-Lanzarote, Canary Islands

EPA Citizen Science Microplastics Workshop- Syracuse, NY

Aquarium Plastic Pollution Symposium-Monterey, CA

2015

Plastic Gyre Symposium, Speaker and Panelist-Atlanta, GA

REI-Microplastic Pollution and Adventure Scientists Global Microplastic Initiative-Bozeman, MT

Clean Ocean Action- Beach sweeps, Lincroft, NJ

2014

Island Heritage Trust, Earth Day session

Parley *For the Oceans*-Manhattan, NY

Guest Scientist Expedition Invitations

2016

Rozalia Project- Hudson River Microfiber Expedition

Oceanic Society-Bali to Komodo Plastic Pollution Expedition

2017

Quixote Expeditions-Southern Oceans Voyage

Documentaries/ Webinars/Blogs/Other

Uneseen: [The impact of microplastics on our oceans and on ourselves](#)

Science Sandbox, Stories of Impact: [World-Class Explorers Help Scientists Collect Elusive Data](#)

2016 [Global Dialogue on Waste](#) –Panelist

US Forest Service: <https://www.fs.fed.us/blogs/citizen-scientists-help-monitor-nations-watershed-health>

Plastic Pollution Coalition/Oceanic Society- Bali to Komodo Island Expedition [short film](#)

Patagonia Microplastics and design innovation roundtable discussion- Ventura

[What you Didn't Know About Microplastics](#)

[Fighting Plastic Pollution with Citizen Science](#)

[Ocean Gems Mentor](#)

[Microfiber pollution & the apparel industry](#)

[National Microplastics Field Methodology Review](#)

Committees

Steering Committee, Plastic Free Waters

Microplastics Working group, Plastic Free Waters

Plastic Legislation Working group, Plastic Pollution Coalition

A Plastic Ocean/Upstream Policy-Panelist

Plastic Pollution Coalition [Scientific Advisory Board](#)

5gyres [Advisory Board](#)