

PRESENTATIONS

Resulting from Research Studies at Multi-Agency Rocky Intertidal Network Monitoring Sites

After 2012: *=BOEM data driven, BOEM funded, or research at BOEM sites; unmarked=non-BOEM funded, MARINE data driven, or research at MARINE sites

2018

*Miner, C.M. 2018 Continued impacts of Sea Star Wasting Disease and outlook for recovery. Whatcom Marine Resource Committee. Bellingham, WA.

2017

Agler, S., and J.R. Smith. Recovery of coralline red algal turfs and associated meiofaunal communities in a southern California rocky intertidal ecosystem. Western Society of Naturalists. Pasadena, CA. November 2017.

Agler, S., and J.R. Smith. Recovery of coralline red algal turfs and associated meiofaunal communities in a southern California rocky intertidal ecosystem. Southern California Academy of Science. Los Angeles, CA. April, 2017.

*Bell, C. Why long-term rocky intertidal monitoring matters. Natural Bridges State Park Docent Meeting. Santa Cruz, CA. May 2017.

Douglas, M., P.T. Raimondi, K. Ammann, L. Anderson, C. Bell, R. Gaddam, M. George, N. Fletcher, D. Lohse, M. Miner. Reserves in reverse and back again: a change in access status impacts red abalone populations at Stornetta Ranch. Bay Area Conservation Biology Symposium. Santa Cruz, CA. May 2017.

Fales, R. and J.R. Smith. *Pelvetiopsis californica* (rockweed): distribution, long-term change, and factors influencing patchiness through its geographic range. Western Society of Naturalists. Pasadena, CA. November 2017.

Fletcher, N.C., K.L. Melanson, L.M. Anderson, and P.T. Raimondi. An assessment of black abalone populations and habitat on the California Channel Islands and the potential effects of sea otter re-establishment on recovery. Bay Area Conservation Biology Symposium. Santa Cruz, CA. May 2017.

*Miner, C.M., L. Gilbane, P.T. Raimondi. Large-scale impacts of sea star wasting disease and recent recruitment patterns for *Pisaster ochraceus*. Southern California Academy of Science. Los Angeles, CA. April, 2017.

*Miner, C.M., L. Gilbane, P.T. Raimondi. Large-scale impacts of sea star wasting disease and recent recruitment patterns for *Pisaster ochraceus*. Association for the Sciences of Limnology and Oceanography. Honolulu, HI. February/March 2017.

*Miner, C.M. 2017 Documenting the Impacts of Sea Star Wasting Syndrome through Long Term Surveys and Citizen Science Monitoring. Salish Sea Stewards Volunteer Training. Padilla Bay, WA.

*Miner, C.M. 2017 Introduction to tidepool monitoring and how to survey sea stars and contribute to the MARINE citizen science database. Girls in Ocean Science Conference. Dana Point, CA.

Smith, J.R. Rocky intertidal ecosystems in urbanized southern California: effects and management of human visitation. Southern California Academy of Science. Los Angeles, CA. April, 2017.

2016

*Ambrose, R.F., P.T. Raimondi and L. Gilbane. 2016. From data to decision-making: A path forward for Southern California rocky intertidal communities. 9th California Islands Symposium, Ventura, CA.

Amman, K., P.T. Raimoni, L. Anderson, C. Bell, M. Douglas, R. Gaddam, M. George, N. Fletcher, and D. Lohse. Reserves in reverse and back again: a change in access status impacts red abalone populations at Stornetta Ranch. Beyond the Golden Gate Research Symposium. Tiburon, CA. December 2016.

Anderson, L., P.T. Raimoni, J. Neiva, and E. Serrao. Restoring *Fucus distichus* following an oil spill in the San Francisco Bay. Beyond the Golden Gate Research Symposium. Tiburon, CA. December 2016.

- *Bell, C.A., P.T. Raimondi, R.F. Ambrose, K.A. Amman, L.A. Anderson, J.L. Burnaford, M.A. Douglas, N.C. Fletcher, R. Gaddam, M.K. George, L.A. Gilbane, S.F. Lee, J.R. Smith, S.G. Whitaker, and MARINE. Patterns from decades of rocky intertidal monitoring. Western Society of Naturalists Conference, Monterey, CA. November 2016.
- Blanchette, C.A. 2016. Spatial and Temporal Spread of SSWD and Rapid Population Declines across Southern California. Sea Star Wasting Summit, Seattle, WA. January, 2016.
- Briggs, L.M. and J.R. Smith. 2016. The effects of ocean warming and acidification on seaweed growth and urchin grazing. Southern California Academy of Sciences. University of Southern California. May, 2016.
- Graham, S.E., B.C Hong, and J.J. Bredvik, B.C Hong. 2016 Changes in *Caulacanthus ustulatus* and *Endocladia muricata* at San Clemente Island during a warm water event. 9th California Islands Symposium, Ventura, CA.
- Jhaveri, P.K. and J.R. Smith. Evaluation of a mobile touch tank outreach and tidepool interpretive programs to offset visitor impacts on rock intertidal zones. Western Society of Naturalists Conference, Monterey, CA. November 2016.
- Litt, J.N. and B. N. Tissot. 2016. The higher they are, the harder they fall: is *Pisaster* more susceptible to wasting disease in the high intertidal zone?. Western Society of Naturalists, Monterey, CA. Nov. 2016.
- *Miner, C.M. and P.T. Raimondi. 2016. Broad-scale declines of *Pisaster ochraceus* due to sea star wasting syndrome, outlook for recovery, and community-wide impacts. Sea Star Wasting Summit, Seattle, WA. January, 2016
- *Miner, C.M. and MARINE. Large-scale impacts of sea star wasting disease on *Pisaster ochraceus*, recent recruitment, and implications for recovery. Western Society of Naturalists Conference, Monterey, CA. November 2016.
- Miner, C.M., E. Hines 2016 Sea Star Wasting Syndrome: How Citizen Science Helps Identify Climate Change Impacts in the Salish Sea. Cherry Point Aquatic Reserve Forum. Bellingham, WA.
- Monuki, K.S., L.L.M. Pandori, J.R. Smith, and C.J.B. Sorte. Going with the flow: changes in mussel recruitment and population size over time. Western Society of Naturalists Conference, Monterey, CA. November 2016.
- Moritsch, M.M. and P.T. Raimondi. 2016. Are sea stars recovering after sea star wasting syndrome? Assessing *Pisaster* recovery with growth rates and recruitment. Western Society of Naturalists Conference, Monterey, CA. November 2016.
- *Raimondi, P.T., L. Gilbane*, S. Ostermann, S.G. Whitaker, L. Lee, D.V. Richards, R.F. Ambrose, S. Lee, C.A. Bell, C.M. Miner, R. Gaddam, J.L. Burnaford, J.R. Smith and S.N. Murray. 2016. Multi-Agency Rocky Intertidal Network: Trends and assessment of long-term surveys on both sides of the Santa Barbara Channel. 9th California Islands Symposium, Ventura, CA.
- Robles, C.D., C. Garza, J. Smith, and D. Orr. Climate-driven collapse of mussel beds (*Mytilus californianus*) in the Southern California Bight. 11th Annual Temperate Reef Conference. Pisa, Italy. June 2016.
- Tissot, B. N., Craig, S., Tyburczy, and P. Raimondi. 2016. Recent data and observations on sea star wasting disease and implications for rocky intertidal systems. Humboldt Bay Symposium, Eureka, CA. Oct. 2016.
- Whitaker, S.G., G.F. Dilly, R.F. Ambrose, T.A. Yap and D.V. Richards. 2016. Widespread declines in abundances of the rockweed *Silvetia compressa* at Channel Islands National Park. 9th California Islands Symposium, Ventura, CA.

2015

- *Ammann, K., L. Anderson, C.M. Miner, M. Moritsch, C. Bell, and P. Raimondi. 2015. Intertidal research at UCSC, including sea star wasting syndrome. Seymour Marine Discovery Center docent training class. Santa Cruz, CA.
- *Ammann, K., M. Miner, and M. George. 2015. Documenting the impacts of sea star wasting syndrome. Presentation to Monterey Bay National Marine Research Activity Panel. CSU Monterey Bay, Seaside, CA.
- Anderson, L.M., Raimondi, P.T., Neiva, J.M., Serrao, E.A. 2015 Poster Presentation. Restoring *Fucus gardneri* following an oil spill in the San Francisco Bay Area. Western Society of Naturalists, Sacramento, CA.
- *Bell, C.A., K.N. Ammann, M.A. Redfield, C.M. Miner, P.T. Raimondi. 2015. Poster Presentation. Monitoring Sea Star Wasting Syndrome: A Collaborative Effort by Researchers and Citizen Scientists. Western Society of Naturalists, Sacramento, CA.

- Bell, C., M. George, M. Redfield, and P. Raimondi. 2015. Assessment of the pattern of intertidal community composition as a function of distance from the Alder Creek landslide. Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- *Bell, C. 2015. Photoplot Layering Protocol. MARINE Annual Workshop. Moss Landing Marine Lab, CA.
- Blanchette, C. 2015. Results from MPA Monitoring in Southern California. MARINE Annual Workshop. Moss Landing Marine Lab, CA.
- Blanchette, C. 2015. Southern California Seastar Data Patterns. MARINE Annual Workshop. Moss Landing Marine Lab, CA.
- Bohlmann, H, J. Apple, N. Burnett, M. Miner, S. Shull. 2015. Poster Presentation. Getting wasted: Sea star wasting syndrome in Padilla Bay, WA. National Estuarine Research Reserve Training Workshop. Mobile, AL.
- *Burnaford, J.L. 2015. Invertebrate Voucher Protocol. MARINE Annual Workshop. Moss Landing Marine Lab, CA.
- Claisse, J.T., Blanchette, C., Dugan, J., Caselle, J.E., Williams, J.P., Freiwald, J., Pondella, D.J., Schooler, N., Davis, K., Zahn, L.A., Williams, C.M. 2015. MPA Baseline Data Integration: Biogeographic Patterns of Communities Across Multiple Marine Ecosystems in Southern California. Western Society of Naturalists, Sacramento, CA.
- Dugan, J.E., Hubbard, D.M., Blanchette, C.A. 2015. Birds as Indicators of Ecosystem Condition on Rocky and Sandy Shores. Western Society of Naturalists, Sacramento, CA.
- Fletcher, N.C., Raimondi, P.T., Blanchette, C.A., George, M.K. 2015 Poster Presentation. An Overview of Rocky Intertidal Monitoring For the South Coast MPA Baseline Program. Western Society of Naturalists, Sacramento, CA.
- Freiwald, J., Caselle, J., Meyer, R., Blanchette, C., Hovel, K., Neilson, D., Dugan, J., Altstatt, J., Nielsen, K., Bursek, J. 2015. Challenges and Opportunities for Citizen Science Monitoring Of MPAs In California: Case Studies And Recommendations. Western Society of Naturalists, Sacramento, CA.
- *Gaddam, R., K. Ammann, C. Bell, N. Fletcher, M. George, M. Miner, M. Redfield, and Rachael Williams. 2015. Citizen science enhances the ability of long-term monitoring to track sea star wasting syndrome. Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- *Gaddam, R. and M. Miner. 2015. Database Updates, Needs and Goals. MARINE Annual Workshop. Moss Landing Marine Lab, CA.
- *George, M., K. Ammann, C. Bell, N. Fletcher, M. Redfield and Rachael Williams. 2015. Documenting the impacts of sea star wasting syndrome through long-term surveys in the Monterey Bay National Marine Sanctuary. Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- *Gilbane, L.A., Helix, M.E., Bell, C.A., Miner, C.M., Whitaker, S. 2015. Why Long Term Rocky Nintertidal Monitoring Matters. Western Society of Naturalists, Sacramento, CA.
- Graham, S. 2015. Mainland San Diego County Monitoring Findings. 2015. MARINE Annual Workshop. Moss Landing Marine Lab, CA.
- Kroeker, K.J., Sanford, E., Rose, J.M., Blanchette, C.A., Chan, F., Chavez, F., Dilly, G.F., Gaylord, B., Helmuth, B., Hill, T.M., Hofmann, G.E., Laughlin, K.M., McManus, M.A., Menge, B.A., Raimondi, P.T. 2015. Ocean Acidification in a Complex Coastal Zone: Effects of Overlapping Environmental Mosaics on Mussel Performance and Interactions. Western Society of Naturalists, Sacramento, CA.
- Litt, J.N., Tissot, B.N., Bourdeau, P.E., Schneider, J.H. and K.M. Korcheck, K.M. 2015. Vertical distribution of sea star wasting disease in northern California. Western Society of Naturalists, Sacramento, CA. Nov. 2015.
- Markis, J., M. Chapman, T. White, P. Raimondi, M. Miner. 2015. Where Have All the Starfish Gone: An Examination of Sea Star Wasting in Alaska. Alaska Marine Science Symposium, Anchorage, AK.
- *Miner, C.M. 2015 Documenting the Impacts of Sea Star Wasting Syndrome through Long Term Surveys and Citizen Science Monitoring. Cherry Point Aquatic Reserve Forum. Bellingham, WA.
- *Miner, C.M., P.T. Raimondi. 2015. Using long-term rocky intertidal monitoring data to assess change and inform policy. Coastal and Estuarine Research Federation, Portland, OR.
- *Miner, C.M. 2015. Documenting the Impacts of Sea Star Wasting Syndrome through Long Term Surveys and Citizen Science Monitoring. Storming the Sound, La Conner, WA.
- *Miner, C.M. 2015. Documenting the Impacts of Sea Star Wasting Syndrome through Long Term Surveys and Citizen Science Monitoring. Olympic National Park, Port Angeles, WA

- *Miner, M. 2015. Wasted Stars: A brief overview of what we've learned. MARINE Annual Workshop. Moss Landing Marine Lab, CA.
- *Moritsch, M. 2015. Sea star wasting syndrome models. MARINE Annual Workshop. Moss Landing Marine Lab, CA.
- Ostermann-Kelm, S., S. Allen, D. Anderson, B. Becker, D. Fong, S. Fradkin, K. Lombardo, M. Miner, S. Whitaker, P. Raimondi. 2015. Unprecedented outbreak of sea star wasting disease in west coast national parks. George Wright Society Conference on Parks, Protected Areas, and Cultural Sites. Oakland, CA.
- *Ramshaw, A. and J.R. Smith. 2015. Preliminary investigations into the impacts of hot and dry Santa Ana winds on the community structure of rocky intertidal ecosystems. Southern California Conference for Undergraduate Research (SCURR), Claremont, CA.
- *Redfield, M., N. Fletcher, C.M. Miner, R. Gaddam, and P. Raimondi. 2015. Sea star wasting syndrome: Detecting and tracking the progression. Poster at Point Lobos State Natural Reserve Underwater Parks Day. Carmel, CA.
- *Smith, J.R. and J.L. Burnaford. 2015. Urchin sampling protocol. 2015. MARINE Annual Workshop. Moss Landing Marine Lab, CA.
- *Smith, J.R. 2015. Where did all our sea stars go?...and how do we know? Dana Point Public Science Night, Dana Point, CA.
- *Smith, J.R. 2015. Conservation and management of rocky intertidal communities. Orange County Natural History Lecture Series, Newport Beach, CA.
- Tissot, B. N., Craig, S., Tyburczy, J.A. and P. Raimondi. 2015. Sea Star Wasting Disease in Northern California MPAs. Western Society of Naturalists, Sacramento, CA. Nov. 2015.
- Tyburczy, J.A., Craig, S.F., Tissot, B., Raimondi, P.T., Korchek, K., Litt, J., Lopiccolo, J., and J. Schneider. 2015. Changes in mussel bed metrics and abundance and wasting syndrome prevalence in *Pisaster* in California's North Coast MPA Region. Western Society of Naturalists, Sacramento, CA. Nov. 2015.
- Wasser, A. LiMPETS Program Update. 2015. MARINE Annual Workshop. Moss Landing Marine Lab, CA.
- Williamson, L.L. and J.R. Smith. 2015. Effects of human visitation on shorebird abundance and foraging behavior in rocky intertidal habitats of southern California. Southern California Academy of Sciences Conference, Los Angeles, CA.
- Williamson, L.L. and J.R. Smith. 2015. Effects of human visitation on shorebird abundance and foraging behavior in rocky intertidal habitats of southern California. Pacific Seabird Group Annual Meeting, San Jose, CA.
- Worden, S. 2015. Effects of *Balanus*, limpets, and rock type on *Pelvetiopsis* colonization in central CA. MARINE Annual Workshop. Moss Landing Marine Lab, CA.

2014

- *Aglar, S.T. and J.R. Smith. 2014. Population declines in Orange County, CA of the rocky intertidal Ochre Sea Star *Pisaster ochraceus* from wasting disease. Cal Poly Pomona Science Symposium, Pomona, CA.
- Allen, B. 2014. Ecological Consequences of Thermal Stress to Marine Rocky Intertidal Organisms: Insights from a Model Ecosystem. Loyola Marymount University, Los Angeles, CA.
- Allen, B. 2014. Ecological Consequences of Thermal Stress to Marine Rocky Intertidal Organisms: Insights from a Model Ecosystem. Humboldt State University, Arcata, CA.
- Allen, B.J., P.E. Bourdeau, L.P. Miller, and M.W. Denny. 2014. Predicting ecological consequences of increasing temperature variability: matching data with theory. Annual Meeting of the Western Society of Naturalists, Tacoma, WA.
- Allen, B. 2014. Ecological consequences of thermal stress to rocky intertidal organisms. MARINE Annual Workshop, Newport Beach, CA.
- *Ambrose, R. 2014. Use of drones for intertidal mapping. MARINE Annual Workshop, Newport Beach, CA.
- *Ammann, K., M. George, C. Bell, N. Fletcher, and P. Raimondi. 2014. Long-term monitoring program detects sea star wasting syndrome in the Monterey Bay National Marine Sanctuary. Poster at the Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- *Ammann, K., N. Fletcher, M. George, M. Redfield, C. Bell. 2014. Documenting the impacts of sea star wasting syndrome through long-term surveys in the Monterey Bay National Marine Sanctuary. Monterey National Marine Sanctuary Symposium, Monterey, CA.

- *Anderson, L.A, M.Frenock, R.N. Gaddam, C.M. Miner, P.T. Raimondi, M. Redfield, and R. Williams. 2014. Tracking Sea Star Wasting Syndrome: A Collaborative Effort by Researchers and Citizen Scientists. Monterey Bay National Marine Sanctuary Currents Symposium, Monterey, CA.
- Anderson, L., M. Miner, M. Moritsch, R. Gaddam, and P. T. Raimondi. 2014. Monitoring sea star wasting syndrome in the intertidal zone. Rocky Shores Training for Oregon Parks. Yaquina Head Interpretive Center, Newport, OR
- *Anderson, L., M. Miner, M. Moritsch, R. Gaddam, and P. T. Raimondi. 2014. The progression of sea star wasting syndrome: an update for the Monterey Bay National Marine Sanctuary Advisory Council, Santa Cruz Police Department, Santa Cruz, CA
- *Anderson, L., C.M. Miner, M. Moritsch, C. Bell, and P. Raimondi. 2014. Intertidal research at UCSC, including sea star wasting syndrome. Seymour Marine Discovery Center docent training class. Santa Cruz, CA.
- *Anderson, L., C.M. Miner, M. Moritsch, R. Gaddam, and P. Raimondi. 2014. Intertidal monitoring: tracking the progression of sea star wasting syndrome. California State University Monterey Bay seminar. Monterey, CA.
- *Anderson, L., C.M. Miner, R. Gaddam, and P. Raimondi. 2014. Sea star wasting syndrome: Detecting and tracking the progression. Poster at Point Lobos State Natural Reserve Underwater Parks Day. Carmel, CA.
- *Anderson, L., R. Gaddam, and P. Raimondi. 2014. Pacific rocky intertidal monitoring. Poster at Point Lobos State Natural Reserve Underwater Parks Day. Carmel, CA.
- *Anderson, L., R. Williams, M. Redfield, R. Gaddam, M. Miner, M. Frenock, and P. Raimondi. 2014. Tracking sea star wasting syndrome: a collaborative effort by researchers and citizen scientists. Poster at the Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- Anderson, M. 2014. OSPR/Tenera oil spill support agreement. MARINe Annual Workshop, Newport Beach, CA.
- Bell, C., M. George, M. Redfield, and P. Raimondi. 2014. Assessment of the pattern of intertidal community composition as a function of distance from the Alder Creek landslide. Poster at the Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- Blanchette, C. 2014. MPA baseline monitoring. MARINe Annual Workshop, Newport Beach, CA.
- Bredvik, J. and S. Graham. 2014. Monitoring on San Nicolas and San Clemente Islands. MARINe Annual Workshop, Newport Beach, CA.
- De Nesnera, K.L. 2014. Identifying key habitat associations for mussel recruits along central California rocky shores. Poster at the Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- Eckdahl, K. 2014. Update on black abalone surveys in southern California. MARINe Annual Workshop, Newport Beach, CA.
- Elsberry, L. and J. Burnaford. 2014. *Endocladia* during low tide, regional comparisons. MARINe Annual Workshop, Newport Beach, CA.
- *Engle, J. 2014. Multi-Agency Rocky Intertidal Network status. MARINe Annual Workshop, Newport Beach, CA.
- *Fletcher, N. K. Ammann, P. Raimondi, C. Bell, and M. George. 2014. Long-term monitoring program detects sea star wasting syndrome in the Monterey Bay National Marine Sanctuary. Poster at the MARINE Annual Oceans Colloquium, Moss Landing, CA.
- *Gaddam, R. and K. Ammann. 2014. Pacific Rocky Intertidal Monitoring. Monterey Bay Aquarium World Oceans Day. Monterey, CA.
- *Gaddam, R. and M. Miner. 2014. MARINe database update. MARINe Annual Workshop, Newport Beach, CA.
- Hewson, I., C. Burge, C. D.Harvell, M. Haulena, L. Lahner, B. Miner, M. Miner, M. Murray, A. Newton, P. Raimondi, and J. Wynne. 2014 Microbial Ecology of Pacific Asteroidea Affected by Wasting Disease. Joint Aquatic Sciences Meeting. Portland, OR
- Hewson, I., M. Eisenlord, L. James, C. Burge, M. Miner, B. Miner, P. Raimondi, M. Haulena, L. Lahner, A. Newton, S. Fradkin, J. Gaydos, and D. Harvell. 2014. Update on an ongoing Pacific Coast-wide sea star epizootic. Association for the Sciences of Limnology and Oceanography. Honolulu, HI.
- *Lohse, D. 2014. Vertical distribution survey group meeting. MARINe Annual Workshop, Newport Beach, CA.
- Lucas, B.J. and J.R. Smith. 2014. An evaluation of management strategies to protect rocky intertidal species from the impacts of human activities: A look into the past, the present, and the future. Cal Poly Pomona Student Research Conference, Pomona, CA.

- Lucas, B.J. and J.R. Smith. An evaluation of management strategies to protect rocky intertidal species from the impacts of human activities. Western Society of Naturalists, Tacoma, WA. November 2014.
- *Miner, B., M. Miner, I. Hewson, D. Harvell, and P. Raimondi. 2014 Wasting syndrome in sea stars along the west coast of North America. Salish Sea Ecosystem Conference. Seattle, WA.
- *Miner, C.M., MARINe. 2014. Documenting the Impacts of Sea Star Wasting Syndrome through Long Term Surveys and Citizen Science Monitoring. Western Society of Naturalists, Tacoma, WA.
- *Miner, C.M. 2014. Sea Star Wasting Syndrome: Long-term Surveys, Disease Studies, and Citizen Science Effort. Sound Living 4th Annual “Communiversities”, Everett Community College, WA
- *Miner, C.M. 2014. Sea Star Wasting Syndrome: Long-term Surveys, Disease Studies, and Citizen Science Effort. Feiro Marine Life Center, Port Angeles, WA
- *Miner, C.M. 2014. Documenting the Impacts of Sea Star Wasting Syndrome through Long Term Surveys and Citizen Science Monitoring. Island County Beach Watchers, Camano Island, WA.
- *Miner, C.M. 2014. Sea Star Wasting Syndrome: Long-term Surveys, Disease Studies, and Citizen Science Effort. Northwest Aquatic and Marine Educators, 39th Annual Conference. Bandon, OR
- *Miner, C.M. 2014. Sea Star Wasting Syndrome: Citizen Science Effort. Sea Star Wasting Syndrome: Status of the Science and Identification of response Actions. A 2-Day Workshop on Sea Star Wasting Syndrome along the West Coast. Hatfield Marine Science Center, Newport, OR
- *Miner, C.M. 2014. Sea Star Wasting Syndrome: Long-term Surveys, Disease Studies, and Citizen Science Effort. ReSources public presentation. Bellingham, WA
- *Miner, C.M. 2014. Sea Star Wasting Syndrome: Long-term Surveys, Disease Studies, and Citizen Science Effort. Presentation to Oregon Coast Watch. Bandon, OR.
- *Miner, C.M. 2014. Sea Star Wasting Syndrome: detecting, tracking and following the progression. Presentation to Haystack Rock Awareness Program, City Hall, Cannon Beach, OR.
- *Miner, C.M. 2014. Sea Star Wasting Syndrome: detecting, tracking and following the progression. Hatfield Marine Science Center, Newport, OR.
- *Miner, C.M. 2014. Sea Star Wasting Syndrome: detecting, tracking and following the progression. Padilla Bay National Estuarine Research Reserve, Mount Vernon, WA.
- *Miner, C.M. 2014. Sea star wasting syndrome: detecting, tracking and following the progression. ReSources for Sustainable Communities. Bellingham, WA.
- *Miner, C.M. 2014. Sea star wasting syndrome: detecting, tracking and following the progression. Port Townsend Marine Science Center. Port Townsend, WA.
- *Miner, C.M. 2014. Sea star wasting syndrome. MARINe Annual Workshop, Newport Beach, CA.
- *Miner, C.M. and R. Gaddam. 2014. MARINe database group meeting. MARINe Annual Workshop, Newport Beach, CA.
- *Moritsch, M., J. Maynard, D. Harvell, M. Miner, R. Gaddam, and P. Raimondi. 2014. Identifying environmental and anthropogenic factors associated with sea star wasting disease through large-scale geospatial analysis. Poster at the Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- *Murray, S. 2014. Level of expert agreement achieved in a BPJ exercise on rocky shores. MARINe Annual Workshop, Newport Beach, CA.
- Newton, A.L, I. Hewson, C.D. Harvell, C. Burge, M. Garner, E. LaDouceur, S. Knowles, S. Frasca Jr, R. Smolowitz, T.M. Work, B. Miner, M. Miner, P. Raimondi, L. Lahner, M. Haulena, M. Murray, J.K. Gaydos, and J. Wynne. 2014. The Pacific Coast Sea Star Mortality Event: Current Status of the Ongoing Investigation. Wildlife Disease Association, Albuquerque, NM.
- Pereksta, D. 2014. Rocky intertidal shorebirds. MARINe Annual Workshop, Newport Beach, CA.
- Pound, R.J. and J.L. Burnaford. 2014. The effect of low tide temperature on the susceptibility of limpets to predation. Southern California Academy of Sciences, Camarillo, CA.
- *Raimondi, P. 2014. The progression of SSWS in CA, OR, and WA. SSWD workshop at the Hatfield Marine Science Center in Newport, OR.
- *Redfield, M., L. Anderson, M. Frenock, R. Gaddam, M. Miner, P. Raimondi and R. Williams. 2014. Tracking sea star wasting syndrome: a collaborative effort by researchers and citizen scientists. Poster at the Monterey Bay National Marine Sanctuary Currents Symposium, Seaside, CA.
- Rosaler, J. 2014. Laguna Ocean Foundation. MARINe Annual Workshop, Newport Beach, CA.

- Sampson, S., C. Hume-Flannery, E. Tucker, H. Perlkin, T. McHugh, C. Gaylord, P. Raimondi, and M. Carr. 2014. A rapid assessment of sea star populations after the onset of wasting syndrome in California. Poster at the Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- Smith, J.R. 2014. Current research on the non-native seaweed *Sargassum horneri*. *Sargassum horneri* Workshop, Santa Barbara, CA.
- *Smith, J.R. and M. Miner. 2014. Sea Star Wasting Disease in Orange County. Orange County Marine Docent Program, Dana Point, CA.
- Smith, J.R. 2014. Rocky intertidal habitats: Long-term change, impacts of human visitation, and effectiveness of Marine Protected Areas. Soka University, Laguna Niguel, CA.
- Smith, J.R. 2014. Orange County Marine Protected Area Council. MARINe Annual Workshop, Newport Beach, CA.
- Smith, J.R. 2014. Impacts of *Caulacanthus* on native community structure. MARINe Annual Workshop, Newport Beach, CA.
- Tissot, B. N., Craig, S., Tyburczy, J.A. and P. Raimondi. 2014. Sea Star Wasting Disease in Northern California. Western Society of Naturalists, Tacoma, WA. Nov. 2014.
- Valdes, A. 2014. Identification of sea slugs. MARINe Annual Workshop, Newport Beach, CA.
- Vogt, S. 2014. Dana Point Natural Resource Center and citizen science efforts. MARINe Annual Workshop, Newport Beach, CA.
- Uyeoka, A. and J.R. Smith. 2014. Consumption rates and diet selectivity by the Kelp Snail *Norrisia norrisi* for native and non-native *Sargassum* seaweeds. Southern California Conference for Undergraduate Research (SCURR), Fullerton, CA.
- Williamson, L.L. and J.R. Smith. 2014. Effects of human visitation on shorebird abundance and foraging behavior in rocky intertidal habitats of southern California. Western Society of Naturalists, Tacoma, WA.
- Zacherl, D. 2014. Native and non-native oysters. MARINe Annual Workshop, Newport Beach, CA.

2013

- *Ambrose, R. 2013. Summary of Citizen Scientist Session. MARINe Annual Workshop, Forks, WA.
- *Ammann, K.N., P.T. Raimondi, C.M. Miner, C.A. Bell, and M.K. George. 2013. Two decades of monitoring the owl limpet (*Lottia gigantea*) along the Central Coast. Presentation and Poster at the State of the Central Coast MPA Symposium. Monterey, CA.
- *Ammann, K.N., P.T. Raimondi, C.M. Miner, C.A. Bell, and M.K. George. 2013. Two decades of monitoring the owl limpet (*Lottia gigantea*) along the Central Coast. Poster at the Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- Antrim, L. 2013. Olympic Coast National Marine Sanctuary Research. MARINe Annual Workshop, Forks, WA.
- Barner, A. 2013. How do patterns of species co-occurrence vary along a spatial gradient in wave exposure and tidal elevation? MARINe Annual Workshop, Forks, WA.
- *Bell, C., D. Orr and P. Raimondi. 2013. Why rocky intertidal monitoring matters? The Sea Ranch Association Task Force meeting. The Sea Ranch, Gualala, CA.
- *Bell, C.A., K.N. Ammann, M.K. George, and P.T. Raimondi. 2013. Assessing suitable habitat and the population size of black abalone (*Haliotis cracherodii*) for critical habitat designation. Poster at Discover the Natural Reserve System: a conference celebrating the UCSB NRS. Santa Barbara, CA.
- *Bell, C.A., M.K. George, C.M. Miner, and P.T. Raimondi. 2013. Black abalone (*Haliotis cracherodii*) surveys on the Central Coast - an overview of 20 years of monitoring data. Presentation and Poster at the State of the Central Coast MPA Symposium. Monterey, CA.
- Blanchette, C. 2013. Value of rocky intertidal time series data. LiMPETS Symposium, Santa Barbara, CA.
- Blanchette, C. 2013. Monitoring nearshore ocean conditions in the CA current - the dynamics of pH and waves along the CA coast. MARINe Annual Workshop, Forks, WA.
- Blanchette, C., P.T. Raimondi, R. Gaddam, and C.M. Miner. 2013. Patterns of rocky intertidal biodiversity at coastal sites spanning the UC Natural Reserve system. Poster at Discover the Natural Reserve System: a conference celebrating the UCSB NRS. Santa Barbara, CA.

- Bohlmann, H. 2013. Padilla Bay NERR Research Overview. MARINE Annual Workshop, Forks, WA.
- Burnaford, J. and K.A. Miller. 2013. 2012 Orange County seaweed diversity cataloguing effort. Poster at Orange County Marine Protected Area Council Research Symposium. Dana Point, CA.
- Chapman, J. 2013. Japanese Tsunami Continues to Transport Asian Species to North America. MARINE Annual Workshop, Forks, WA.
- *CSUF/PPP. 2013. MARINE goals and sampling efforts in Orange County. Poster at Orange County Marine Protected Area Council Research Symposium. City, CA.
- CSUF/PPP. 2013. Orange County owl limpet monitoring citizen science program. Poster at Orange County Marine Protected Area Council Research Symposium. City, CA.
- Elsberry, L.A., J. L. Burnaford. 2013. Regional comparisons of the effects of summer and winter low tide conditions on photosynthetic recovery in a high intertidal alga. Society for Integrative and Comparative Biology Meeting. San Francisco, CA.
- Elsberry, L.A., J. L. Burnaford. 2013. The regional and seasonal response of a high intertidal alga to low tide conditions. Western Society of Naturalists Meeting. Oxnard, CA.
- Engle, J. 2013. History and Value of MARINE. LiMPETS Symposium. Santa Barbara, CA.
- *Engle, J. 2013. Multi-Agency Rocky Intertidal Network status. MARINE Annual Workshop, Forks, WA.
- Fradkin, S. 2013. Olympic National Park Research Overview. MARINE Annual Workshop, Forks, WA.
- Fradkin, S. 2013. Monitoring intertidal ocean pH in Olympic National Park. MARINE Annual Workshop, Forks, WA.
- *Gaddam, R., M. Miner, and P. Raimondi. 2013. Pacific rocky intertidal monitoring: trends and synthesis along the Central Coast and beyond. State of the Central Coast MPA Symposium. Monterey, CA.
- *Gaddam, R., M. Miner, and P. Raimondi. 2013. Pacific rocky intertidal monitoring: trends and synthesis. Poster at the Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- Gaddam, R., C. Bell, M. George, and P. Raimondi. 2013. Assessment of the pattern of intertidal community composition as a function of distance from the Alder Creek landslide. Poster at the Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- *Gaddam, R. 2013. Updates on MARINE website Pacificrockyintertidal.org. MARINE Annual Workshop, Forks, WA.
- *Gilbane, L. 2013. Voucher specimen projects. MARINE Annual Workshop, Forks, WA.
- *Helix, M.E. 2013. Overview of Multi-Agency Rocky Intertidal Network. MARINE Annual Workshop, Forks, WA.
- Klinger, T. 2013. Three Amigos Project and long-term monitoring in Alaska. MARINE Annual Workshop, Forks, WA.
- Klinger, T. 2013. Update on future ocean acidification work in WA. MARINE Annual Workshop, Forks, WA.
- *Lee, L. Summary of database session. MARINE Annual Workshop. Forks, WA.
- Lindeberg, M. 2013. Nearshore Work in Alaska - An Overview of Gulf Watch and other programs. MARINE Annual Workshop, Forks, WA.
- *Lohse, D. 2013. Monitoring vertical distribution of intertidal species: lessons for detecting global climate change. State of the Central Coast MPA Symposium. Monterey, CA.
- *Miner, C.M. 2013. Sea star wasting syndrome: detecting, tracking and following the progression. Edmonds Underwater Park Volunteer Divers. Edmonds, WA.
- *Miner, C.M. 2013. Sea star wasting syndrome: detecting, tracking and following the progression. Webinar presentation to Local Environmental Observer Network. AK.
- *Miner, M. 2013. Monitoring for Potential Impacts of Wave Energy Collection Devices. MARINE Annual Workshop, Forks, WA.
- *Moritsch, M, C.M. Miner, R. Gaddam, and P. Raimondi. 2013. Sea star wasting syndrome: detecting, tracking and following the progression. Western Society of Naturalists Meeting. Oxnard, CA.
- Neuman, M. 2013. Critical habitat monitoring for black abalone. MARINE Annual Workshop. Forks, WA.
- Nichols, A. and A. Wasser. 2013. California LiMPETS Monitoring Program. MARINE Annual Workshop. Forks, WA.

- Pearse, J. 2013. History of LiMPETS. LiMPETS Symposium. Santa Barbara, CA.
- Pfister, C. 2013. Ocean pH changes and their effects on the outer shores of WA state. MARINE Annual Workshop. Forks, WA.
- *Raimondi, P.T. 2013. Characterization of and initial changes in intertidal communities in MPA's along the Central California coastline. State of the Central Coast MPA Symposium. Monterey, CA.
- *Raimondi, P.T., M. Miner, L. Anderson, C. Bell, R. Gaddam, and D. Lohse. 2013: BOEM briefing and Go-Kit demonstration. Camarillo, CA.
- *Raimondi, P. 2013. Development of Indicator Species for a Citizen Scientist Protocol. MARINE Annual Workshop. Forks, WA.
- Richards, D. 2013. Rocky intertidal status and trends at Channel Islands National Park. LiMPETS Symposium. Santa Barbara, CA.
- Schultz, J. 2013. Non-native species management in Washington marine waters. MARINE Annual Workshop. Forks, WA.
- Smith, J.R. 2013. Rocky intertidal habitats: Long-term change, impacts of human visitation, and effectiveness of Marine Protected Areas. The Southern California Aquarium Collaborative, Marine Protected Areas lecture series. Ocean Institute. Dana Point, CA.
- Smith, J.R. 2013. Rocky intertidal restoration. Urban Ecology meeting. Newport Beach, CA.
- Smith, J.R. 2013. Rocky intertidal habitats: Long-term change and impacts of human visitation. Laguna Ocean Foundation Lecture Series. Laguna Beach, CA.
- *Smith, J.R. and J.L. Burnaford. 2013. MARINE goals and sampling efforts in Orange County. Poster at Orange County Marine Protected Area Council Research Symposium. Dana Point, CA.
- Smith, J.R., S.C. Vogt, F. Creedon, B. Lucas, and D. Eernisse. 2013. Tidal zone variation in the effects of the non-native red alga *Caulacanthus ustulatus* on native rocky intertidal communities. Western Society of Naturalists Meeting. Oxnard, CA.
- Whitaker, S.G. 2013. Analysis of mobile invertebrate data from MARINE rocky intertidal monitoring at Channel Islands National Park. UCLA Senior Practicum Course, Los Angeles, CA.
- Whitaker, S.G. 2013. Rocky intertidal monitoring with a special focus on rockweed restoration. UCSB Conservation and Restoration Seminar, Santa Barbara, CA.
- Whitaker, S. 2013. Assessment of Monitoring Approach for Channel Islands. MARINE Annual Workshop. Forks, WA.
- White, T. and J. Straley. 2013. Between Pacific Tides: Revisiting the historical surveys of Ricketts, Calvin and Ahlgren in Sitka Sound, Alaska. MARINE Annual Workshop. Forks, WA.
- Williams, R., M. Redfield, N. Fletcher, M. George, G. Friederich, J. Rose, P. Raimondi, M. McManus, and B. Menge. 2013. OMEGAS: investigating the role of ocean acidification in nearshore habitats within the California Current. Poster at the Monterey Bay National Marine Sanctuary Currents Symposium. Seaside, CA.
- Wootton, T. 2013. Beyond monitoring: using ecological dynamics for understanding and predicting responses of coastal ecosystems. MARINE Annual Workshop. Forks, WA.
- Vogt, S., J.R. Smith, and J.L. Burnaford. 2013. Orange County owl limpet monitoring citizen science program. Poster at Orange County Marine Protected Area Council Research Symposium. Dana Point, CA.

2012

- Altstatt, J.A. and J. Bursek. 2012. Rocky intertidal and sand beach citizen science for K12 students: Long-Term Monitoring Program and Experiential Training for Students (LiMPETS) at Frenchy's Cove, Anacapa Island. 8th California Islands Symposium, Ventura, CA.
- Aleman-Zometa, J.G., C. Robles, and P. Halpin. 2012. Mussel bed disturbance processes and mechanism patterns. Western Society of Naturalists Meeting, Seaside, CA.
- Allen, B.J., J. Browning, and L. Fitzgerald-DeHoog. 2012. Food and heat stress in the California mussel: evidence for an energetic trade-off between survival and growth. Western Society of Naturalists Meeting, Seaside, CA.
- *Altstatt, J. 2012. Updating BOEM intertidal site maps. MARINE Annual Workshop, Santa Cruz, CA.
- *Ambrose, R. and T. Yap. 2012. Panorama photo evaluation. MARINE Annual Workshop, Santa Cruz, CA.
- *Ammann, K. 2012. Range shifts species identification. MARINE Annual Workshop, Santa Cruz, CA.
- *Ammann, K and L. Gilbane. 2012. Monitoring intertidal temperature. MARINE Annual Workshop, Santa Cruz, CA.

- Barner, A.K., S.D. Hacker, and B.A. Menge. 2012. Community structure and diversity across environmental stress gradients and scale in the Pacific Northwest rocky intertidal. Western Society of Naturalists Meeting, Seaside, CA.
- *Bell, C., K. Ammann, N. Fletcher, M. George, D. Lohse, M. Miner, D. Orr, P. Raimondi and M. Redfield. 2012. Black abalone habitat surveys and the restoration of intertidal recruitment habitat on San Clemente Island – A pilot study to aid in the species recovery. The Western Section of the Wildlife Society 2012 Annual Conference, Sacramento, CA.
- *Bell, C., D. Orr, N. Fletcher, M. Redfield, and P. Raimondi. 2012. How rocky intertidal monitoring informs natural resource damage assessments: a case study of the Cosco Busan oil spill. Poster at San Francisco Bay Area Parks 2012 Science and Natural Resources Symposium, San Francisco, CA.
- Blanchette, C.A., D.V. Richards, B.R. Broitman, and C. M. Miner. 2012. Long-term climate variability and links between patterns of coastal marine invertebrate recruitment and adult abundance around Santa Cruz Island from 1995-2010. 8th California Islands Symposium, Ventura, CA.
- Bonsell, C.E. and P.K. Dayton. 2012. Investigating multidecadal change in San Diego rocky intertidal communities. Poster at Western Society of Naturalists Meeting, Seaside, CA.
- Carr, M. 2012. Applications of monitoring kelp forest ecosystems. MARINE Annual Workshop, Santa Cruz, CA.
- *deNesnera, K., L. Anderson, and P. Raimondi. 2012. Exploring mussel bed restoration strategies on Vandenberg Air Force Base. The Western Section of the Wildlife Society 2012 Annual Conference. Sacramento, CA.
- *deNesnera, K., L. Anderson, and P. Raimondi. 2012. Mussel restoration strategies. MARINE Annual Workshop, Santa Cruz, CA.
- Elsberry, L.A. and J.L. Burnaford. 2012. Effect of recovery time on photosynthetic performance of *Endocladia muricata* following low tide exposure. Poster at Western Society of Naturalists Meeting, Seaside, CA.
- *Engle, J. 2012. Intertidal species master spreadsheet. MARINE Annual Workshop, Santa Cruz, CA.
- *Engle, J. 2012. Multi-Agency Rocky Intertidal Network status. MARINE Annual Workshop, Santa Cruz, CA.
- *Engle, J. and C. Bell. 2012. Mussel measurement protocol. MARINE Annual Workshop, Santa Cruz, CA.
- Fletcher, N.C., C.A. Bell, C.M. Miner, D.W. Orr, P.T. Raimondi, and M.A. Redfield. 2012. Black abalone habitat characterization and restoration on San Clemente Island. Poster at Western Society of Naturalists Meeting, Seaside, CA.
- Fong, D. 2012. Inventory of black abalone at Point Reyes and Golden Gate. San Francisco Bay Area Parks 2012 Science and Natural Resources Symposium, San Francisco, CA.
- Fong, D., M. Anderson & I. Oshima. 2012. San Francisco Bay intertidal monitoring. MARINE Annual Workshop, Santa Cruz, CA.
- *Gaddam, R. and M. Miner. 2012. MARINE web report and data trends. MARINE Annual Workshop, Santa Cruz, CA.
- *Gilbane, L. 2012. Synopsis of Workshop Science Meeting. MARINE Annual Workshop, Santa Cruz, CA.
- Gomez, M., J.L. Burnaford (2012, November). Effects of heat stress on predation risk for intertidal molluscs. Poster at Society for the Advancement of Chicanos and Native Americans in Science meeting, Seattle, WA.
- Graham, S. 2012. San Clemente Island intertidal monitoring. MARINE Annual Workshop, Santa Cruz, CA.
- Gray, V.A. and B.J. Allen. 2012. Physiological consequences of thermal stress on growth and survival of the marine snail, *Lottia gigantea*. Southern California Academy of Sciences Annual Meeting, Eagle Rock, CA.
- Gray, V. and B.J. Allen. 2012. Physiological consequences of variation in temperature and food availability for the marine snail, *Lottia gigantea*. Western Society of Naturalists Meeting, Seaside, CA.
- *Helix, M.E. 2012. Overview of Multi-Agency Rocky Intertidal Network. MARINE Annual Workshop, Santa Cruz, CA.
- Johnston, K. 2012. Santa Monica Bay Monitoring. MARINE Annual Workshop, Santa Cruz, CA.
- Kenner, M. 2012. San Nicolas Island intertidal monitoring program. MARINE Annual Workshop, Santa Cruz, CA.
- Kusic-Heady, K. 2012. Patterns from biodiversity data. MARINE Annual Workshop, Santa Cruz, CA.
- *Lohse, D. 2012. Monitoring intertidal species vertical distributions. MARINE Annual Workshop, Santa Cruz, CA.
- *Lohse, D. 2012. Short-term variations in vertical distributions: implications for detecting climate change. Western Society of Naturalists Meeting, Seaside, CA.
- *Lohse, D. 2012. Surveys for climate change and invasive species. MARINE Annual Workshop, Santa Cruz, CA.
- *Lohse, D. and K. Ammann. 2012. Monitoring intertidal species range shifts. MARINE Annual Workshop, Santa Cruz, CA.

- *Lohse, D. and C. Bell. 2012. Barnacle plot close-up photographs. MARINE Annual Workshop, Santa Cruz, CA.
- Mazzone, S. 2012. Quinalt Nation intertidal monitoring in Washington. MARINE Annual Workshop, Santa Cruz, CA.
- *Miller, K.A. 2012. Intertidal seaweed voucher protocol. MARINE Annual Workshop, Santa Cruz, CA.
- *Miner, M. 2012. Intertidal species reconnaissance protocol. MARINE Annual Workshop, Santa Cruz, CA.
- *Miner, M. and R. Gaddam. 2012. MARINE web report trend graphs. MARINE Annual Workshop, Santa Cruz, CA.
- *Orr, D., C.A. Bell and P.T. Raimondi. 2012. Why rocky intertidal monitoring matters. Monterey Bay National Marine Sanctuary Central Coast Lecture Series, Cambria, CA.
- *Raimondi, P. and C. Bell. 2012. MARINE black abalone data trends. MARINE Annual Workshop, Santa Cruz, CA.
- *Raimondi, P. 2012. Black abalone and sea otters. MARINE Annual Workshop, Santa Cruz, CA.
- Richards, D.V. and S.G. Whitaker. 2012. Icons of the rocky intertidal zone: black abalone persevere at the northern Channel Islands. 8th California Islands Symposium, Ventura, CA.
- Rose, J.M., C.M. Blanchette, P.T. Raimondi, E. Sanford, R.C. Williams, and B.A. Menge. 2012. The relative influence of upwelling-driven ocean acidification on in situ growth of the California mussel, *Mytilus californianus*. Western Society of Naturalists Meeting, Seaside, CA.
- *Smith, J.R. 2012. Updating Orange County intertidal site maps. MARINE Annual Workshop, Santa Cruz, CA.
- *Smith, J.R. 2012. Water Quality Monitoring Council intertidal web portal. MARINE Annual Workshop, Santa Cruz, CA.
- Smith, J.R. 2012. Rocky intertidal ecology and effects of urbanization. Laguna Ocean Foundation Public Lecture Series, Laguna Beach, CA.
- Smith, J.R., S.N. Murray, S.C. Vogt, F.N. Creedon, and D. Eernisse. 2012. Non-native seaweeds on urban southern California shores: Effects on native community structure and trophic dynamics. Ecological Society of America, Portland, OR.
- Straley, J., L. Busch, V. O'Connell, J. Straley, P.T. Raimondi, C.M. Miner. 2012. Between Pacific Tides: revisiting historical surveys of Sitka through Ricketts, Calvin and Ahlgren. Sitka's Cannery Row connection and the birth of ecological thinking. Alaska Marine Science Symposium, Anchorage, AK.
- VanBlaricom, G. and M. Neuman. 2012. Black abalone recovery projects. MARINE Annual Workshop, Santa Cruz, CA.
- VanBlaricom, G. and. 2012. San Nicolas Island black abalone trends. MARINE Annual Workshop, Santa Cruz, CA.
- Whitaker, S.G. 2012. Overview of Rocky Intertidal Monitoring Program at Channel Islands National Park. 2012 Mediterranean Inventory and Monitoring Science Days Meeting, Ventura, CA.
- Whitaker, S.G. 2012. Tidepooling through time: 30 years of rocky intertidal community monitoring at Channel Islands National Park. 8th California Islands Symposium, Ventura, CA.
- Whitaker, S. and D. Richards. 2012. Intertidal visual trend graphics. MARINE Annual Workshop, Santa Cruz, CA.
- Whitaker, S.G. and D.V. Richards. 2012. Revisiting a trampling experiment following 30 years of intertidal monitoring at Cat Rock, Anacapa Island. 8th California Islands Symposium, Ventura, CA.

2011

- Ammann, K. and D. Lohse. 2011. Monitoring species range shifts: potential implications of global climate change. MARINE Annual Workshop, Santa Barbara, CA.
- Anderson, M. 2011. Dubai Star oil spill & the mobilization of MARINE. MARINE Annual Workshop, Santa Barbara, CA.
- Arroyo, J.M., A.M. Nicely, J.L. Burnaford. 2011. Abundance and distribution of the non-native alga *Sargassum muticum* in southern California. Poster Society for the Advancement of Chicanos and Native Americans in Science, meeting, San Jose, CA.
- Bell, C., K. Ammann, M. George and P. Raimondi. 2011. Assessing suitable habitat and the population size of black abalone (*Haliotis cracherodii*) for critical habitat designation. Beyond the Golden Gate Research Symposium, San Francisco, CA.
- Blanchette, C. 2011. Drafting a Climate Change protocol. MARINE Annual Workshop, Santa Barbara, CA.
- Blanchette, C. 2011. Southern California low intertidal invertebrates. MARINE Annual Workshop, Santa Barbara, CA.

- Degrassi, A. And J. Smith. 2011. Potential drivers of macroalgal preferences in southern California marine consumers. Southern California Academy of Sciences Annual Meeting, Pomona, CA.
- de Nesnera, K.L. and Anderson, L.M. 2011. Mussel transplantation as a strategy for restoration of injured mussel beds. Western Society of Naturalists Meeting. Vancouver, WA.
- Denny, M. 2011. Worst-case scenarios: predicting extreme ecological events. MARINE Annual Workshop, Santa Barbara, CA.
- Elsberry, L.A., J.L. Burnaford. 2011. Regional and seasonal comparisons of photosynthetic resilience in the red alga *Endocladia muricata*. Poster at Western Society of Naturalists meeting, Vancouver, WA.
- Engle, J. 2011. Multi-Agency Rocky Intertidal Network status. MARINE Annual Workshop, Santa Barbara, CA.
- Fletcher, N., M. Redfield, D. Orr, and P. Raimondi. 2011. Long-term rocky intertidal monitoring informs design of Marine Protected Areas for the North Central Coast study region. Beyond the Golden Gate Research Symposium, San Francisco, CA.
- Gilbane, L. 2011. Drafting a protocol for data archival. MARINE Annual Workshop, Santa Barbara, CA.
- Gomez, M., A. Cisneros, D. Tennant, L. Dorrough, N. Tran, J.L. Burnaford, W. Hoese 2011. Heat stress and predation risk in intertidal turban snails. Poster at Society for the Advancement of Chicanos and Native Americans in Science meeting, San Jose, CA.
- Helix, M.E. 2011. Drafting Outreach articles for magazines. MARINE Annual Workshop, Santa Barbara, CA.
- Helix, M.E. 2011. Overview of Multi-Agency Rocky Intertidal Network. MARINE Annual Workshop, Santa Barbara, CA.
- Lee, S. 2011. Sampling surfgrass (*Phyllospadix* spp.) transects. MARINE Annual Workshop, Santa Barbara, CA.
- Murray, S., R.F. Ambrose, J. Engle, P. Raimondi and S. Weisberg. 2011. Developing indicators for monitoring the status of rocky shores. MARINE Annual Workshop, Santa Barbara, CA.
- Neuman, M., D. Witting, S. Wang and G. VanBlaricom. 2011. Endangered species status of black abalone (*Haliotis cracherodii* Leach, 1814): ESA listing process and demographic signs of small-scale recovery in an isolated location. MARINE Annual Workshop, Santa Barbara, CA.
- Orr, D., C. Bell. D. Lohse, and P. Raimondi. 2011. Why long-term rocky intertidal monitoring matters? Beyond the Golden Gate Research Symposium, San Francisco, CA.
- Orr, D., M. Redfield, C. Bell N. Fletcher and P. Raimondi. 2011. How rocky intertidal monitoring in the Monterey Bay National Marine Sanctuary informs Natural Resource Damage Assessments: A case study of the Cosco Busan oil spill. Monterey Bay National Marine Sanctuary Currents Symposium, Monterey, CA.
- Pister, B. and T. Philippi. 2011. 20 Years of rocky intertidal monitoring at Cabrillo National Monument: analysis of long-term trends. MARINE Annual Workshop, Santa Barbara, CA.
- Raimondi, P. 2011. How MARINE and Go-Kit data informed assessment of the Cosco Busan spill. MARINE Annual Workshop, Santa Barbara, CA.
- Redfield, M. 2011. Marine Protected Areas Monitoring. MARINE Annual Workshop, Santa Barbara, CA.
- Smith, J.R. 2011. Conservation of rocky intertidal ecosystems in urbanized southern California. California State Polytechnic University, Pomona Seminar Series. Pomona, CA.
- Smith, J.R. 2011. Rocky intertidal ecosystems in urbanized southern California. Loyola Marymount University Seminar Series. Los Angeles, CA.
- Smith, J., S. Vogt, K.A. Miller, S. Lee and J. Engle. 2011. Conspicuous low intertidal macrophytes. MARINE Annual Workshop, Santa Barbara, CA.
- Smith, J.R., S.N. Murray, S.C. Vogt, F.N. Creedon, D.J. Eernisse and C.N. Navarro. 2011. Introduced seaweeds on urban southern California shores: effects on native community structure and trophic dynamics. Western Society of Naturalists Meeting. Vancouver, WA.
- Valentich-Scott, P. 2011. Common rocky intertidal bivalves of the West Coast. MARINE Annual Workshop, Santa Barbara, CA.
- Vogt, S. F.N. Creedon, D.J. Eernisse, and J.R. Smith. 2011. Does the introduced red alga *Caulacanthus ustulatus* (Gigartinales, Rhodophyta) affect upper rocky intertidal communities in southern California waters? Southern California Academy of Sciences Annual Meeting, Pomona, CA.
- Vogt, S., J.R. Smith and S.N. Murray. 2011. Native/introduced seaweeds – what do native herbivores eat? MARINE Annual Workshop, Santa Barbara, CA.

Williams, R., C. DaCosta, M. Redfield, E. Sanford, B. Gaylord, T. Hill, A. Russel, P. Raimondi and B. Menge. 2011. OMEGAS: a large-scale approach to studying the effects of ocean acidification on calcifying organisms in intertidal and nearshore habitats. Beyond the Golden Gate Research Symposium, San Francisco, CA.

2010

- Ammann, K.N. 2010. Long-term rocky intertidal monitoring of Redwood National and State Parks. Presentation for National Park Service Klamath Network Inventory and Monitoring Program-Three Year Program Review.
- Arroyo, J.M., N. Sandoval, C. de Jesus, E. Nguyen, C. Sevilla, F. Vargas, B. Hoese, and J.L. Burnaford. 2010. Investigating phenotypic plasticity of *Sargassum muticum* and its effects on native intertidal communities in Crystal Cove, CA. Society for the Advancement of Chicanos and Native Americans in Science, Anaheim, CA.
- Augyte, S. and F.J. Shaughnessy. 2010. A preliminary floristic analysis of marine intertidal algae from Cape Mendocino, CA to Cape Blanco, OR. Western Society of Naturalists Annual Meeting, San Diego, CA.
- Bell, C.A., K.N. Ammann, M.K. George, and P.T. Raimondi. 2010. Assessing suitable habitat and the population size of black abalone (*Haliotis cracherodii*) for critical habitat designation. Poster at Western Society of Naturalists Annual Meeting, San Diego, CA.
- Conway-Cranos, L. 2010. Recovery dynamics in rocky intertidal communities: An experimental evaluation of resilience. Seminar at Friday Harbor Marine Laboratory, University of Washington, WA.
- Conway-Cranos, L. 2010. An investigation of the relative importance of mechanisms driving variation in the recovery of mussel beds. Western Society of Naturalists Annual Meeting, San Diego, CA.
- Elsberry, L.A. and J.L. Burnaford. 2010. The effects of low-tide exposure on the high intertidal alga *Endocladia muricata* in two geographic regions. Poster at Western Society of Naturalists Annual Meeting, San Diego, CA.
- Fletcher, N.C., P.T. Raimondi, C.M. DaCosta, M.A. Redfield, and S.E. Worden. 2010. An Overview of Rocky Intertidal Monitoring for the North Central Coast MPA Baseline Program. Poster at Western Society of Naturalists Annual Meeting, San Diego, CA.
- Garza, M.M. 2010. Relationship between habitat complexity and ochre sea star (*Pisaster ochraceus*) abundance. Poster at Western Society of Naturalists Annual Meeting, San Diego, CA.
- Hays, CG. 2010. Genetic and maternal variation across a species' distribution: consequences for emersion tolerance in an intertidal alga. Seminar at Moss Landing Marine Lab, Moss Landing, CA.
- Helix, M.E. 2010. Long-term monitoring program challenges – MARINE, the Multi-Agency Rocky Intertidal Network. Southern California Academy of Sciences Annual Meeting, Los Angeles, CA.
- Miller, K.A. 2010. California's non-native seaweeds: a case study. XX International Seaweed Symposium, Ensenada, Baja California, Mexico.
- Monaco, C.J. 2010. Size-dependent intertidal distribution and foraging behavior in *Pisaster ochraceus*. Poster at Western Society of Naturalists Annual Meeting, San Diego, CA.
- Murray, S., R.F. Ambrose, J. Engle, P. Raimondi, and S. Weisberg. 2010. Developing indicators for monitoring the status of rocky shores. California and the World Ocean 2010 Conference, San Francisco, CA.
- Murray, S.N., C.A. Navarro, S.C. Vogt, and J.R. Smith. 2010. Feeding responses of native macro-invertebrates to non-indigenous seaweeds. XX International Seaweed Symposium, Ensenada, Baja California, Mexico.
- Orr, D., P. Raimondi, C. Bell, T. Conway-Cranos, M. George, D. Lohse, and S. Worden. 2010. Assessment of effect and predictions of recovery dynamics when baseline data are scarce: a case study of the Cosco Busan oil spill. Western Society of Naturalists Annual Meeting, San Diego, CA.
- Orr, D. P. Raimondi, D. Lohse, C. Bell, M. George, S. Worden. Assessment of effect and predictions of recovery dynamics when baseline data are scarce: A case study of the Cosco Busan oil spill. November, 8, 2010. SETAC Meeting. Portland, OR.
- Orr, D.W., M.A. Redfield, L.M. Anderson, K.N. Ammann. 2010. Overview of the biological sampling used to assess California's Central Coast Marine Protected Areas – with an emphasis on rocky intertidal habitats. Poster at Monterey Bay National Marine Sanctuary Symposium, Monterey, CA.

- Pister, B. and T. Philippi. 2010. Twenty years of rocky intertidal monitoring at Cabrillo National Monument: detection and analysis of long-term trends. Western Society of Naturalists Annual Meeting, San Diego, CA.
- Recchia, C., L. Whitman, P. Raimondi, A. Scholz, S. Murray, and S. Katz. 2010. Evolving MPA monitoring: aligning science and policy. California and the World Ocean 2010 Conference, San Francisco, CA.
- Redfield, M.A., P.T. Raimondi, N.C. Fletcher, and S.E. Worden. 2010. An overview of the North Central Coast Marine Protected Areas Baseline Program monitoring. Poster at Western Society of Naturalists Annual Meeting, San Diego, CA.
- Richards, D.V. and S.G. Whitaker. 2010. Monitoring black abalone movement and aggregating behavior. Poster at Western Society of Naturalists Annual Meeting, San Diego, CA.
- Smith, J.R. 2010. Urban ecology: a southern California rocky intertidal perspective. Seminars at California Polytechnic University, CA and University of New Haven, CT.
- Steinbeck, J.R. 2010. Sh%t happens: how designing redundancy into a monitoring program can help exorcise intruding demons and increase the options for analysis and ability to detect change. . Southern California Academy of Sciences Annual Meeting, Los Angeles, CA.
- Vogt, S., J.R. Smith, and S.N. Murray. 2010. Do native macro-invertebrates consume native over non-native seaweeds? Northwest Algal Symposium, Whidbey Island, WA.
- Vogt, S.C., J.R. Smith, and S.N. Murray. 2010. The consumer's dilemma, native or non-native seaweeds. Western Society of Naturalists Annual Meeting, San Diego, CA.
- Whitaker, S.G. and D.V. Richards. 2010. Widespread declines in abundances of rocky intertidal ecosystem modifiers and associated motile invertebrate species. Poster at Western Society of Naturalists Annual Meeting, San Diego, CA.

2009

- Ammann, K.N., C.A. Bell, M.K. George, and P.T. Raimondi. 2009. An overview of the biological sampling used to assess the central California coast marine protected areas – with emphasis on rocky intertidal habitats. Western Society of Naturalists Annual Meeting, Monterey, CA.
- Anderson, D. 2009. Survey team monitoring summary: Northern CA/Oregon. MARINE Annual Workshop, San Francisco, CA.
- Anderson, L. 2009. Survey team monitoring summary: Santa Barbara/San Luis Obispo Counties. MARINE Annual Workshop, San Francisco, CA.
- Bell, C.A., K.N. Ammann, M.K. George, and P.T. Raimondi. 2009. Assessing the amount of suitable habitat and the population size of black abalone (*Haliotis cracherodii*) from Half Moon Bay to Point Conception. Western Society of Naturalists Annual Meeting, Monterey, CA; Black Abalone Critical Habitat Meeting, Ventura, CA; and MARINE Annual Workshop, San Francisco, CA.
- Blanchette, C. 2009. Biodiversity survey overview. MARINE Annual Workshop, San Francisco, CA.
- Conway-Cranos, L.. 2009. Recovery dynamics in rocky intertidal communities: Patterns, mechanisms and simulations. Ecological Society of America Annual Conference, Albuquerque, NM and Bodega Marine Laboratory Seminar.
- Engle, J. 2009. Multi-Agency Rocky Intertidal Network status. MARINE Annual Workshop, San Francisco, CA.
- Fong, D. 2009. MARINE sites on Alcatraz. MARINE Annual Workshop, San Francisco, CA.
- Gaddam, R. 2009. Accessing MARINE data through the online PISCO data catalog. MARINE Annual Workshop, San Francisco, CA.
- George, Maya, Christy Bell, Karah Ammann and Peter Raimondi. 2009. Assessing the amount of suitable habitat and the population size of black abalone from Half Moon Bay to Point Conception. Poster at Monterey National Marine Sanctuary Symposium, Monterey, CA.
- Gilbane, L. and S. Kimura. 2009. Mapping: quest for the perfect map. MARINE Annual Workshop, San Francisco, CA.
- Helix, M.E. 2009. Overview of Multi-Agency Rocky Intertidal Network. MARINE Annual Workshop, San Francisco, CA.
- Jones, A.M. and D.P. Lohse. 2009. A regional comparison of *Mytilus californianus* growth rates along the central coast of California. Western Society of Naturalists Annual Meeting, Monterey, CA.
- Kinyon, J. 2009. Habitat mapping in Golden Gate National Recreation Area. MARINE Annual Workshop, San Francisco, CA.
- Lee, S. 2009. Survey team monitoring summary: LA/Ventura Counties. MARINE Annual Workshop, San Francisco, CA.

- Livingston, H. 2009. Species ranges: climate change implications. MARINE Annual Workshop, San Francisco, CA.
- Long, J. 2009. Survey team monitoring summary: East Coast. MARINE Annual Workshop, San Francisco, CA.
- Miller, K.A. 2009. Invasive species status. MARINE Annual Workshop, San Francisco, CA.
- Miner, M. 2009. Survey team monitoring summary: Washington State. MARINE Annual Workshop, San Francisco, CA.
- Murray, S.N., J. R. Smith, A. Bullard, and L. Gilbane. 2009. Changes in Coastal Seaweed Populations over time in Urban Settings and the Ecological Implications (Plenary Lecture). Novos Bioativos de Macroalgas Workshop, Ilhabela – São Paulo, Brazil.
- Redfield, M. 2009. Survey team monitoring summary: Monterey/Marin Counties. MARINE Annual Workshop, San Francisco, CA.
- Reinhard, L.J., K.N. Ammann, M.T. Tinker, P.T. Raimondi, and C.A. Bell. 2009. Effects of sea otters on local distribution and density of black abalone. Western Society of Naturalists Annual Meeting, Monterey, CA.
- Richards, D. 2009. Black abalone restoration/recovery plan status. MARINE Annual Workshop, San Francisco, CA.
- Richards, D. 2009. Survey team monitoring summary: Channel Islands. MARINE Annual Workshop, San Francisco, CA.
- Richards, D. 2009. Marine Reserves at the Channel Islands. George Wright Society Meeting, Portland, OR.
- Smith, J.R. 2009. Coastal urban ecology for teachers. Seminar for Centers for Ocean Sciences Education Excellence (COSEE) at Dana Point, CA.
- Smith, J.R. 2009. Urban ecology: a southern California rocky intertidal perspective. Seminars at SUNY Stony Brook Southampton, NY, CA State University Fullerton, and University of Alaska Southeast.
- Smith, J.R. 2009. Survey team monitoring summary: San Diego/Orange Counties. MARINE Annual Workshop, San Francisco, CA.
- Smith, J.R., S.G. Whitaker, and S.N. Murray. 2009. Experimental re-establishment of the rockweed, *Silvetia compressa*, on urban southern California shores. Western Society of Naturalists Annual Meeting, Monterey, CA.
- Walters, K. 2009. Today's GPS: what it can do for you – a SWAT retrospective. MARINE Annual Workshop, San Francisco, CA.
- Walters, K. 2009. Survey team monitoring summary: Mexico/Baja California. MARINE Annual Workshop, San Francisco, CA.
- Waltz, G.T., S. Kimura, J.R. Steinbeck, and D.E. Wendt. 2009. Bare space or bountiful biota: an analysis of human disturbance on our rocky shoreline. Western Society of Naturalists Annual Meeting, Monterey, CA.
- Worden, S. 2009. What is larval recruitment data telling us? MARINE Annual Workshop, San Francisco, CA.

2008

- Bell, C. 2008. Go-kit protocol demonstration and what we learned from the Cosco Busan Oil Spill. MARINE Annual Workshop, San Pedro, CA.
- Bell, C. 2008. Optional protocols revisited. MARINE Annual Workshop, San Pedro, CA.
- Blanchette, C.A., P.T. Raimondi, and B. R. Broitman. 2008. Spatial patterns of intertidal community structure across the California Channel Islands and links to ocean temperature. 7th California Islands Symposium, Oxnard, CA.
- Conway-Cranos, L.L. 2008. Facultative interactions as a potential driver for spatial variation in recovery patterns in the California rocky intertidal. Western Society of Naturalists Annual Meeting, Vancouver, BC.
- Conway-Cranos, L.L. 2008. Recovery of intertidal communities: Perspectives from a broad-scale manipulation. MARINE Annual Workshop, San Pedro, CA.
- Dalkey, A. and B. Allen. 2008. Palos Verdes Peninsula: research and education opportunities. MARINE Annual Workshop, San Pedro, CA.
- Eernisse, D. 2008. Common chitons and limpets of southern California rocky intertidal. MARINE Annual Workshop, San Pedro, CA.
- Engle, J. 2008. Multi-Agency Rocky Intertidal Network status. MARINE Annual Workshop, San Pedro, CA.
- Engle, J. 2008. MARINE aids NOAA Mussel Watch expansion in southern California. MARINE Annual Workshop, San Pedro, CA.

- Gaddam, R. 2008. Biodiversity surveys and PISCO updates. MARINE Annual Workshop, San Pedro, CA.
- Gilbane, L. and J. Smith. 2008. MARINE training video. MARINE Annual Workshop, San Pedro, CA.
- Gray, H. 2008. Common shorebirds of southern California rocky shores. MARINE Annual Workshop, San Pedro, CA.
- Gregorio, D. and K. Schiff. 2008. California Areas of Special Biological Significance. MARINE Annual Workshop, San Pedro, CA.
- Hays, CG. 2008. Genetic and maternal variation across a species' distribution: consequences for emersion tolerance in an intertidal alga. Seminars at California State University Sacramento; Sacramento, CA; and California State University San Jose; San Jose, CA.
- Helix, M.E. 2008. Overview of Multi-Agency Rocky Intertidal Network. MARINE Annual Workshop, San Pedro, CA.
- Joab, B. and J. Cubit. 2008. MARINE and NRDA's: increasing the effectiveness of the combination. MARINE Annual Workshop, San Pedro, CA.
- Lawrenz-Miller, S. 2008. Long term intertidal population surveys on the Palos Verdes Peninsula. MARINE Annual Workshop, San Pedro, CA.
- Lee, S. 2008. Multi-Agency Rocky Intertidal Network. Teacher Training Workshop for Center for Ocean Sciences Education Excellence (COSEE-West), San Pedro, CA.
- Lee, S. 2008. MARINE site at Point Fermin. MARINE Annual Workshop, San Pedro, CA.
- Long, J. 2008. MARINE on the East Coast. MARINE Annual Workshop, San Pedro, CA.
- Maloney, E. 2008. California Introduced Species Surveys: who's on our turf? MARINE Annual Workshop, San Pedro, CA.
- Maloney, E.R., W.R. Fairey, A.A. Lyman, Z.A. Walton, S.F. Foss, and S.N. Shiba. 2008. Surveys for introduced marine species on the outer coast of California: who's on our turf? Western Society of Naturalists Annual Meeting, Vancouver, BC.
- Miner, M. 2008. Multi-Agency Rocky Intertidal Network database update. MARINE Annual Workshop, San Pedro, CA.
- Miner, C.M. 2008. MARINE database structure. MARINE Meeting, Seattle, WA
- Miner, C.M. 2008. MARINE Rocky Intertidal Monitoring Program, Northwest Straits Initiative Meeting, Bellingham, WA
- Murray, S. 2008. Changes in rocky intertidal communities on the Channel Islands and the southern California mainland since the 1970's. 7th California Islands Symposium, Oxnard, CA.
- Murray, S. N. 2008. Seaweed Introductions: An Overview. Control of Invasive Marine Seaweeds Workshop, Asilomar, CA.
- Neuman, M.J. and G.R. VanBlaricom. 2008. Status of black abalone populations at the California Channel Islands: implications for long-term viability throughout the range of the species. 7th California Islands Symposium, Oxnard, CA.
- Protopapadakis, L. 2008. California's Marine Life Protection Act: laying a foundation for the future. MARINE Annual Workshop, San Pedro, CA.
- Raimondi, P.T. 2008. Go-kit protocols updated through Cosco Busan Experience. MARINE Annual Workshop, San Pedro, CA.
- Richards, D.V. 2008. Black abalone at the Channel Islands, a brief history. 7th California Islands Symposium, Oxnard, CA.
- Richards, D. 2008. Foundations of Marine Reserves at the Channel Islands, NPS Aquatic Professionals Meeting, Fort Collins, CO.
- Sagarin, R.D. 2008. Size matters: loss of large coastal invertebrates and implications for ecology and management. Western Society of Naturalists Annual Meeting, Vancouver, BC.
- Smith, J.R. 2008. Coastal ecology in the face urbanization and environmental change. Seminars at Eastern Connecticut State University, and NOAA Workshop on Managing Visitor Use at Dana Point, CA.
- Smith, J.R., R.F. Ambrose, and P. Fong. 2008. Regional comparisons and decadal changes in mussel populations (*Mytilus californianus*) and mussel bed community diversity along the California coast. 7th California Islands Symposium, Oxnard, CA.
- SWAT. 2008. Life in the tidepools and kelp forests. Seminar at Rancho del Oso Nature Center.
- Weisberg, S.B. 2008. The subtle benefits of cooperative regional monitoring. MARINE Annual Workshop, San Pedro, CA.
- Whitaker, S. 2008. Experimental re-establishment of the rockweed *Silvetia compressa* at Little Corona del Mar. MARINE Annual Workshop, San Pedro, CA.

Worden S.E. and M.A. Redfield. 2008. PISCO's Love Affair with Big Creek Reserve: Rocky Intertidal Monitoring Along the Big Sur Coast. Poster presentation. Landels-Hill Big Creek Reserve Open House, Big Sur, CA.

2007

- Ambrose, R. 2007. Oil spill rapid response protocols. MARINE Annual Workshop, San Francisco, CA.
- Ambrose, R. 2007. Public access versus resource protection. MARINE Annual Workshop, San Francisco, CA.
- Bell, C. 2007. Digital photo archive - where are we now and where are we headed? MARINE Annual Workshop, San Francisco, CA.
- Bell, Christy. 2007. The importance of community structure and biodiversity surveys to establish baseline data for Marine Reserves. COBI Fishing CO-OP meeting, Isla Natividad, Baja California Sur, Mexico.
- Blanchette, C.A. 2007. Intertidal communities of the CA Channel Islands: ecology and natural history. Western Society of Naturalists Annual Meeting, Ventura, CA.
- Conway-Cranos, L. 2007. Geographic patterns of recovery in intertidal communities. Partnership for Interdisciplinary Studies of Coastal Oceans (PISCO) Scientific Symposium. Corvallis, OR.
- Conway-Cranos, L. 2007. Prediction and understanding the recovery of communities: An example from the rocky intertidal. Pacific Ecology and Evolution Conference. Seattle, WA; and Ecological Society of America Annual Conference. San Jose, CA.
- Cox, K. 2007. MARINE regional sampling update: Northern California. MARINE Annual Workshop, San Francisco, CA.
- Douros, W. 2007. MARINE, marine sanctuaries and more. MARINE Annual Workshop, San Francisco, CA.
- Engle, J. 2007. Multi-Agency Rocky Intertidal Network status. MARINE Annual Workshop, San Francisco, CA.
- Engle, J. 2007. The Light and Smith Manual: invertebrate name changes. MARINE Annual Workshop, San Francisco, CA.
- Fenberg, P.B. and K. Roy. 2007. The ecological consequences of size-selective harvesting: the owl limpet (*Lottia gigantea*) as a case study. Western Society of Naturalists Annual Meeting, Ventura, CA.
- Gregorio, D. 2007. Areas of Special Biological Significance and MARINE. MARINE Annual Workshop, San Francisco, CA.
- Helix, M.E. 2007. Overview of Multi-Agency Rocky Intertidal Network. MARINE Annual Workshop, San Francisco, CA.
- Helix, M.E. 2007. Rocky Intertidal Monitoring Network and the Southern California Coastal Ocean Observing System. SCCOOS Board of Governors Meeting June 13, 2007.
- Helix, M.E., P. Raimondi, R. Ambrose, J. Engle, and S. Murray. 2007. MARINE: examining the health of rocky shores along the Pacific Coast. Monterey Bay National Marine Sanctuary Currents Symposium, Monterey, CA.
- Helix, M.E., R.F. Ambrose, J.M. Engle, S.N. Murray, and P.T. Raimondi. 2007. Examining the health of rocky shores along the Pacific Coast – can local government and citizen's help? Coastal Zone 2007, Portland, OR.
- Hewson, W.E. and D.J. Eernisse. 2007. A common southern California limpet is a new species that overlaps with its sister species in northern Baja California. Western Society of Naturalists Annual Meeting, Ventura, CA.
- Kimura, S. 2007. GIS maps of the California coastline. MARINE Annual Workshop, San Francisco, CA.
- Long, J. 2007. MARINE on the East Coast. MARINE Annual Workshop, San Francisco, CA.
- Lonhart, S. 2007. MARINE regional sampling update: Central California. MARINE Annual Workshop, San Francisco, CA.
- Miner, M. 2007. Multi-Agency Rocky Intertidal Network database update. MARINE Annual Workshop, San Francisco, CA.
- Murray, S. 2007. Science, politics, the public and protecting California's coastal ecosystems. Southern California Academy of Sciences Annual Meeting, Fullerton, CA.
- Navarro, C. 2007. MARINE regional sampling update: Southern California. MARINE Annual Workshop, San Francisco, CA.
- Navarro, C.N., J.R. Smith, and S.N. Murray. 2007. Feeding rates of native consumers on introduced and native seaweeds on urban southern California shores. Southern California Academy of Sciences Annual Meeting, Fullerton, CA.
- Parker, M.A. and K.J. Nielsen. 2007. A tale of two headlands: recruitment and reproductive output of *Balanus glandula* and *Chthamalus dalli* along the northern California coast. Western Society of Naturalists Annual Meeting, Ventura, CA.

- Pearse, J.S., D.E. Pearse, and V.B. Pearse. 2007. Rising sea level and changes in intertidal zonation: professor Snadrock 60 years later. Western Society of Naturalists Annual Meeting, Ventura, CA.
- Raimondi, P. 2007. MARINE and Marine Protected Areas. MARINE Annual Workshop, San Francisco, CA.
- Raimondi, P., D. Gregorio, and A. Compton. 2007. Rocky intertidal health. MARINE Annual Workshop, San Francisco, CA.
- Smith, J.R. 2007. Long-term change in macrophyte & macroinvertebrate communities on wave-exposed rocky intertidal shores. Seminar at California State University, Northridge, Department of Biology, Biology Colloquium.
- Smith, J.R. 2007. Seaweed communities in a heavily urbanized environment in southern California. Seminar at the Coastal Studies Consortium, Universidade Federal Fluminense, Niteroi, Brazil.
- Smith, K.A. and B. Helmuth. 2007. When mussels die...an assessment of the mechanisms determining the upper limit of *Mytilus californianus* beds along the Pacific coast of North America. Western Society of Naturalists Annual Meeting, Ventura, CA.
- Tharratt, S. 2007. MARINE regional sampling update: offshore islands. MARINE Annual Workshop, San Francisco, CA.
- Thompson, S.A., K.J. Nielsen, C.A. Blanchette, B. Brockbank, and H.R. Knoll. 2007. Effects of commercial collection on growth and reproductive output of *Postelsia palmaeformis*. Ecological Society of America Annual Meeting, San Jose, CA.
- Thompson, S.A., K.J. Nielsen, C.A. Blanchette, B. Brockbank, and H.R. Knoll. 2007. The response of *Postelsia palmaeformis* to commercial collection across sites in California. Western Society of Naturalists, Ventura, CA.
- Vogt, S.C., L. Gilbane, A. Bullard, J.R. Smith, and S.N. Murray. 2007. Spatial and temporal variation in $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values of macro-algae in southern California waters. Southern California Academy of Sciences Annual Meeting, Fullerton, CA.
- Waltz, G.T., J.R. Steinbeck, S.R. Kimura, and D.E. Wendt. 2007. Simulation of human activities and corresponding impacts to the temperate intertidal. Western Society of Naturalists, Ventura, CA.
- Whiteside, K.E., J.R. Smith, and S.N. Murray. 2007. Distribution, habitat utilization, and reproductive patterns in *Caulacanthus ustulatus* (Caulacanthaceae, Gigartinales), a newly established seaweed on southern California shores. Southern California Academy of Sciences Annual Meeting, Fullerton, CA.
- Whitaker, S.G., J.R. Smith, and S.N. Murray. 2007. Experimental restoration of the rocky intertidal brown alga *Silvetia compressa* on urban southern California shores. Southern California Academy of Sciences Annual Meeting, Fullerton, CA.

2006

- Allen, S.G., B. Becker, B. Ketcham, D. Schirokauer, and D. Adams. 2006. Ocean stewardship through marine monitoring at Point Reyes National Seashore. California and the World Ocean '06 Conference, Long Beach, CA.
- Bell, C.A., P.T. Raimondi, G. Bernardi, M. George, D.P. Lohse, S. Lonhart, C.M. Miner, J.D. Moore, and S. Worden. 2006. Assessing the impact of withering syndrome on the genetic structure of black abalone populations. California and the World Ocean '06 Conference, Long Beach, CA.
- Becker, B. 2006. CSI: mussels – a story of forensic marine science. MARINE Annual Workshop, La Jolla, CA.
- Blanchette, C.A., M. Miner, P.T. Raimondi, and B.R. Broitman. 2006. Latitudinal variation in rocky intertidal community structure along the west coast of North America. 7th International Temperate Reef Symposium, Santa Barbara, CA.
- Broitman, B.R., C.A. Blanchette, S.A. Navarrete, and B.A. Menge. 2006. Recruitment dynamics of intertidal invertebrates in Chile and the US West Coast. 7th International Temperate Reef Symposium, Santa Barbara, CA.
- Conway-Cranos, L.L. 2006. Geographic variation in recovery of rocky intertidal communities following a disturbance: linking recruitment to recovery. 7th International Temperate Reef Symposium, Santa Barbara, CA.
- Cox, K.N. 2006. Intertidal fish surveys: Cabrillo National Monument, southern California, and northern California. MARINE Annual Workshop, La Jolla, CA.
- Cox, K.N., P.T. Raimondi, C.M. DaCosta, R.N. Gaddam, D.P. Lohse, C.A. Bell, M.K. George, S.E. Worden, and C.M. Miner. 2006. Reserves in reverse: the recent change in access status of Stornetta Ranch and the resulting effect on red abalone populations. 7th International Temperate Reef Symposium, Santa Barbara, CA.
- DaCosta, C., P.P. Raimondi, K. Cox, R. Gaddam, D. Lohse, C. Bell, M. George, M. Miner, and S. Worden. 2006. Reserves in reverse: the recent change in access status of Stornetta Ranch and the resulting effect on red abalone populations. California and the World Ocean '06 Conference, Long Beach, CA.
- Engle, J. 2006. Southern (warm-water) rocky intertidal invertebrates. MARINE Annual Workshop, La Jolla, CA.

- Engle, J. and K.A. Miller. 2006. Southern (warm-water) rocky intertidal seaweeds. MARINE Annual Workshop, La Jolla, CA.
- Engle, J. and K.A. Miller. 2006. *Sargassum filicinum* in California. MARINE Annual Workshop, La Jolla, CA.
- Fenberg, P. 2006. Owl limpet life history studies. MARINE Annual Workshop, La Jolla, CA.
- Fenberg, P.B. and K. Roy. 2006. The effects of size-selective harvesting on the population biology of a sex-changing limpet, *Lottia gigantea*. Ecological Society of America Conference, Memphis, TN.
- Fenberg, P.B. and K. Roy. 2006. The effects of size-selective harvesting on the population biology of a sex-changing limpet, *Lottia gigantea*. Western Society of Naturalists Annual Meeting, Redmond, WA.
- Gregorio, D. 2006. What are the procedures for comparing storm water and non-storm water influenced rocky intertidal communities? MARINE Annual Workshop, La Jolla, CA.
- Helix, M.E. and J. Engle. 2006. MARINE status. MARINE Annual Workshop, La Jolla, CA.
- Helix, M.E. and R. Ambrose. 2006. Quick oil spill response protocol. MARINE Annual Workshop, La Jolla, CA.
- Huff, T. 2006. Effects of sand and trampling on red algal turf communities. MARINE Annual Workshop, La Jolla, CA.
- Huff, T.M. 2006. Quantification of human visitation to rocky intertidal areas through the use of time-lapse video. Western Society of Naturalists Annual Meeting, Redmond, WA.
- Lonhart, S.I., A.P. DeVogelaere, and J. Pederson. 2006. The Sanctuary Integrated Monitoring Network (SIMoN): Tracking ecosystem health in California's marine environment. California and the World Ocean '06 Conference, Long Beach, CA.
- Lonhart, S.I., M.H. Carr, and P.T. Raimondi. 2006. Predicting intertidal and subtidal communities along the Big Sur coastline: the value of quantitative and qualitative data. Western Society of Naturalists Annual Meeting, Redmond, WA.
- Miner, C.M. 2006. MARINE database status. MARINE Annual Workshop, La Jolla, CA.
- Miner, C.M., P.T. Raimondi, J. Altstatt, R. Ambrose, C. Bell, G. Bernardi, C. DaCosta, J. Engle, M. George, M.E. Helix, D. Lohse, S. Lonhart, J. Moore, and S. Worden. 2006. Multiple factors might limit the recovery potential of the black abalone, *Haliotis cracherodii*, from withering syndrome-induced declines. 7th International Temperate Reef Symposium, Santa Barbara, CA.
- Miner, C.M., P.T. Raimondi, C.A. Bell, K.N. Cox, C.M. DaCosta, R.N. Gaddam, M.K. George, D.P. Lohse, and S.E. Worden. 2006. Reserves in reverse: a change in access status impacts red abalone populations at Stornetta Ranch. Western Society of Naturalists Annual Meeting, Redmond, WA.
- Murray, S. 2006. Is MARINE able to answer specific management questions? How can we improve our ability to answer new questions? MARINE Annual Workshop, La Jolla, CA.
- Murray, S., C. Aranda, and M. Aranda. 2006. Producing MARINE sampling methods videotape. MARINE Annual Workshop, La Jolla, CA.
- Murray, S., J. Smith, A. Bullard, and A. Gerrard. 2006. Changes in seaweed communities on southern California shores since the 1950's. 7th International Temperate Reef Symposium, Santa Barbara, CA.
- Murray, S., R.F. Ambrose, J.M. Engle, P.T. Raimondi, and M.E. Helix. 2006. MARINE: A long-term monitoring program for detecting change in rocky intertidal environments. National Water Quality Monitoring Council 2006 Conference: Monitoring Networks: Connecting for Clean Water, San Jose, CA.
- Piltz, F. 2006. How can we incorporate physical and human use data with the biological data for MARINE sites? SCCOOS and CDIP presentations and discussion. MARINE Annual Workshop, La Jolla, CA.
- Pister, B. 2006. Community composition and diversity on anthropogenic substrates in California. MARINE Annual Workshop, La Jolla, CA.
- Pister, B.A. and K. Roy. 2006. Community composition and diversity on anthropogenic substrates in urban rocky intertidal environments. Western Society of Naturalists Annual Meeting, Seattle, WA; California and the World Oceans Conference '06, Long Beach, CA; and Ecological Society of America Conference, Memphis, TN.
- Pister, B.A. and K. Roy. 2006. Differences between marine communities on anthropogenic structures and natural rocky intertidal benches and implications for conservation. Society of Conservation Biology Conference, San Jose, CA.
- Raimondi, P. 2006. Monitoring and distinguishing changes and ecosystem dynamics from pollution impacts in rocky intertidal ecosystems. California and the World Ocean '06 Conference, Long Beach, CA.

- Raimondi, P.T. C.M. Miner, C. Bell. 2006. Multiple factors might limit the recovery potential of the black abalone, *Haliotis cracherodii*, from withering syndrome-induced declines. NOAA ESA Workshop on Status Review of Black Abalone, La Jolla, CA.
- Rivadebeira, M. 2006. CBRISC: conservation and biodiversity of the rocky intertidal of southern California. MARINE Annual Workshop, La Jolla, CA.
- Smith, Jayson. 2006. Historical changes in mussel populations and bed community diversity. MARINE Annual Workshop, La Jolla, CA.
- Vanderbilt, F., and R.F. Ambrose. 2006. Assessing rocky intertidal habitats before an oil spill. Poster at 19th Annual Research Symposium of the U.C. Toxic Substances Research and Teaching Program.
- Worden, S., P. Raimondi, C. Bell, C. DaCosta, M. George, D. Lohse, S. Lonhart, and M. Miner. 2006. Serious decline in central California black abalone populations: outlook for recovery and community structure implications. California and the World Ocean '06 Conference, Long Beach, CA.
- Worden, S., C. Bell, C. DaCosta, M. George, D. Lohse, S. Lonhart, C.M. Miner, P.T. Raimondi. 2006. Serious decline in central California black abalone populations: outlook for recovery and community structure implications. Reproduction, Ecology, and Evolution in Marine Systems: A Meeting in Honor of Prof. John S. Pearse. Santa Cruz, CA.

2005

- Ambrose, R.F. 2005. Protecting rocky intertidal resources. State of the Bay Conference: Progress and Challenges, Los Angeles, CA.
- Ambrose, R.F. 2005. Protecting rocky intertidal resources. National Public Radio.
- Becker, B.J., L.A. Levin, F.J. Fodrie, and P.A. McMillan. 2005. Determining natal origins and population connectivity of newly-settled mytilid mussels using trace elemental fingerprinting. Western Society of Naturalists Annual Meeting, Monterey, CA.
- Conway-Cranos, T. and P. Raimondi. 2005. Geographical variation in recovery of rocky intertidal communities following a disturbance. Monterey Bay National Marine Sanctuary Currents Symposium, Monterey, CA.
- Conway-Cranos, T. and P. Raimondi. 2005. Geographical variation in recovery of rocky intertidal communities following a disturbance: linking recruitment to recovery. Western Society of Naturalists Annual Meeting, Monterey, CA.
- Davis, Gary E. 2005. Twenty years of measuring marine protected area effectiveness in Channel Islands National Park, California: a model for Baja to Bering. Symposium and Workshop of the North American Marine Protected Areas Network, Loerto, BCS, Mexico.
- DeVogelaere, A. 2005. Sanctuary monitoring: why and how. Monterey Bay National Marine Sanctuary Currents Symposium, Monterey, CA.
- Dunaway, M.E. 2005. Presentation of Huell Howser's California Gold "Tide Pools" at U.S. Department of the Interior's "Public Lands Week". Washington D.C.
- Dunaway, M.E. 2005. Tidepool math. California Science Teachers Association Conference, Palm Springs, CA.
- Dunaway, M.E. 2005. Tidepool Math Workshop. National Science Teacher Association Conference, Dallas, TX.
- Dunaway, M.E. 2005. California tidepools protection. Public Service Announcement, Minerals Management Service.
- Dunaway, M.E. and J. Engle. 2005. MARINE status. MARINE Annual Workshop, Santa Cruz, CA.
- Engle, J. 2005. MARINE protocol handbook. MARINE Annual Workshop, Santa Cruz, CA.
- Engle, J. 2005. CDFG fishing regulation changes may impact rocky shore species. MARINE Annual Workshop, Santa Cruz, CA.
- Fenberg, P.B. and K. Roy. 2005. The effects of size-selective harvesting on a sex-changing limpet, *Lottia gigantea*. Ecological Society of America, Montreal, Canada.
- Fenberg, P. and K. Roy. 2005. The effects of size-selective harvesting on a sex-changing limpet, *Lottia gigantea*. Western Society of Naturalists Annual Meeting, Monterey, CA.
- Gregorio, D. 2005. "ASBS"s and MARINE. MARINE Annual Workshop, Santa Cruz, CA.
- Huff, T.M. 2005. Got sand? Sand addition alters the invertebrate community of intertidal coralline turf in San Diego County, California. Western Society of Naturalists Annual Meeting, Monterey, CA.

- Kinlan, B.P., B.R. Broitman, S.D. Gaines, C.A. Blanchette, E. Wieters, S.E. Lester, and P.T. Raimondi. 2005. Predictability in intertidal ecosystems: scale-dependent coupling of coastal geomorphology, oceanography, and benthic community structure. Western Society of Naturalists Annual Meeting, Monterey, CA.
- Kusic, K.E., P.T. Raimondi, H.A. Livingston, D.P. Lohse, and R.N. Gaddam. 2005. Point Reyes, an important geographic feature shaping rocky intertidal community structure in central California. Western Society of Naturalists Annual Meeting, Monterey, CA.
- Livingston, H.A., P.T. Raimondi, C.A. Blanchette, A. Kendall, K. Kusic, D. Lohse, E. Maloney, C.M. Miner, and M. Williams. 2005. Intertidal biodiversity patterns on the Pacific Coast, including sites within Monterey Bay National Marine Sanctuary. Monterey Bay National Marine Sanctuary Currents Symposium, Monterey, CA.
- Livingston, H.A. and R. Gaddam. 2005. Taxonomic identification of juvenile and adult MARINE target species. MARINE Annual Workshop, Santa Cruz, CA.
- Miller, K.A. 2005. Taxonomic identification of introduced rocky intertidal species. MARINE Annual Workshop, Santa Cruz, CA.
- Miner, M. and J. Klaib. 2005. MARINE database and field protocol. MARINE Annual Workshop, Santa Cruz, CA.
- Miner, M. 2005. MARINE mainland site findings. MARINE Annual Workshop, Santa Cruz, CA.
- Miner, C.M., P.T. Raimondi, M. George, D.P. Lohse, A. Nickels, and C. Roe. 2005. Serious decline in central California black abalone populations: outlook for recovery and community structure implications. Monterey Bay National Marine Sanctuary Currents Symposium, Monterey, CA.
- Murray, S. 2005. BLM resurvey findings. MARINE Annual Workshop, Santa Cruz, CA.
- Pister, B. 2005. Jetties and breakwaters as novel marine habitats: Urban ecology in a marine system. Join Meeting of the Ecological Society of America and The International Association for Ecology, Montreal, Quebec, Canada.
- Pister, B.A. and K. Roy. 2005. Urban ecology in a marine ecosystem: Are jetties and breakwaters suitable habitat for intertidal communities? Western Society of Naturalists Annual Meeting, Monterey, CA.
- Raimondi, P.T. 2005. Threats to our coastal resources: are we loving the seashore to death? Monterey Bay National Marine Sanctuary Currents Symposium, California State University Monterey Bay, Monterey, CA.
- Raimondi, P.T. 2005. (panelist) How's the patient? Diagnosis and prognosis. Monterey Bay National Marine Sanctuary Currents Symposium, Monterey, CA.
- Raimondi, P.T., R.F. Ambrose, J.M. Engle, M. George, D.P. Lohse, C.M. Miner, S.N. Murray, and C. Roe. 2005. Long-term monitoring of rocky intertidal communities within the Monterey Bay National Marine Sanctuary. Monterey Bay National Marine Sanctuary Currents Symposium, Monterey, CA.
- Raimondi, P., R. Sagarin, R. Ambrose, M. George, S. Lee, D. Lohse, C.M. Miner, S. Murray, and C. Roe. 2005. Color change and consistency in the sea star *Pisaster ochraceus*. Society for Integrative and Comparative Biology Conference, San Diego, CA.
- Richards, D. 2005. MARINE Channel Island site findings. MARINE Annual Workshop, Santa Cruz, CA.
- Roe, C. and J. Engle. 2005. MARINE photo database. MARINE Annual Workshop, Santa Cruz, CA.
- Sagarin, R. 2005. From the tidepools to the stars and back: tracing human influences on ecology. MARINE Annual Workshop, Santa Cruz, CA.
- Smith, J.R. 2005. Dramatic declines in mussel (*Mytilus*) bed community diversity along the wave exposed coast of California: response to climate change? Western Society of Naturalists Annual Meeting, Monterey, CA.
- Whiteside, K.E., A.M. Bullard, and S.N. Murray. 2005. Distribution, habitat utilization, productivity, and reproductive patterns in *Caulacanthus ustulatus* (Caulacanthaceae, Gigartinales), a newly established seaweed on southern California shores. Western Society of Naturalists Annual Meeting, Monterey, CA.

2004

- Ambrose, A. 2004. Understanding rocky intertidal communities through long-term monitoring: the MARINE experience. CEA-CREST Annual Conference, Pasadena, CA.
- Becker, B. 2004. Using trace element concentrations in mytilid mussel shells to determine larval sources. Scripps Institution of Oceanography Ecology Seminar, La Jolla, CA.

- Becker, B. 2004. Determining natal origins of mytilid mussels using in situ larval culturing and elemental fingerprinting. CICESE, Universidad Autonoma de Baja California Norte, Ensenada, Mexico.
- Becker, B. 2004. Mussels, lasers, and marine reserves: why we care about the chemistry of larval mussel shells. San Diego Shell Club, San Diego, CA
- Becker, B., F.J. Fodrie, P.A. McMillan, L.A. Levin. 2004. Determining natal origins of mytilid mussels using in situ larval culturing and elemental fingerprinting. V Larval Biology Meeting, Hong Kong.
- Blanchette, C, D. Richards, J. Engle, B. Broitman, and S. Gaines. 2004. Regime shifts, community change and population booms of keystone predators at the California Channel Islands. Ecological Society of America Annual Meeting, Portland, OR.
- Blanchette, C., B. Broitman and S. Gaines. 2004. Recruitment dynamics and oceanographically-based linkages to community structure around Santa Cruz Island California. Western Society of Naturalists Annual Meeting, Rohnert Park, CA.
- Bullard, A.M. and S.N. Murray. 2004. Community primary productivity on two southern California shores. Coloquio sobre Ficología, Acuicultura y Ecología Marina, Universidad Autonoma de Baja California Norte, Ensenada, Mexico.
- Bullard, A.M. and S.N. Murray. 2004. Shifting macrophytes abundances and the primary productivity of southern California shores. Phycological Society of America Annual Meeting, Williamsburg, VA.
- Bullard, A.M. and S.N. Murray. 2004. Shifts in seaweed abundances can greatly affect community primary productivity. Western Society of Naturalists Annual Meeting, Rohnert Park, CA.
- Carr, M., S. Lonhart, and P. Raimondi. 2004. Marine resource characterization of intertidal and subtidal sites influenced by landslides in Big Sur. Poster at Monterey Bay National Marine Sanctuary Currents Symposium, Seaside, CA.
- Davis, G.E. 2004. Case Study IV: California Channel Islands. Department of the Interior Workshop on Adaptive Management, Shepherdstown, WV.
- Dunaway, M.E. 2004. MARINE – the Multi-Agency Rocky Intertidal Network; a long-term partnership that works. Seventh Biennial Workshop on Research within the Gulf of the Farallones, San Francisco, CA.
- Dunaway, ME, 2004. Tidepool Math Workshop. National Science Teachers Association Conference. Atlanta, GA.
- Dunaway, M.E. 2004. Tidepool math. California Science Education Conference, San Jose, CA.
- Galvan, V.G. and S.N. Murray. 2004. Effects of light and temperature on photosynthetic responses of the invasive intertidal seaweed *Caulacanthus ustulatus* (Rhodophyta). Southern California Academy of Sciences Annual Meeting, Long Beach, CA.
- Galvan, V.G. and S.N. Murray. 2004. Effects of temperature on rates of photosynthesis and respiration in *Caulacanthus ustulatus* (Rhodophyta), a new addition to the California seaweed flora. Phycological Society of America Annual Meeting, Williamsburg, VA.
- Gilbane, L. and S. N. Murray. 2004. Using carbon (^{13}C) and nitrogen (^{15}N) stable isotope signatures to analyze food web inputs into mussels on southern California rocky shores. Coloquio sobre Ficología, Acuicultura y Ecología Marina, Universidad Autonoma de Baja California Norte, Ensenada, Mexico.
- Gilbane, L. and S. N. Murray. 2004. A carbon and nitrogen stable isotope analysis of macrophytes contributions to mussel (*Mytilus californianus*) diets on southern California shores. Phycological Society of America Annual Meeting, Williamsburg, VA.
- Goddard, J. 2004. Impacts and control of an invasive seaweed in California marine protected areas. University of California Exotic/Invasive Pests and Diseases Research Workshop, Emeryville, CA.
- Karg, F., C. Hays, and P. Raimondi. 2004 The ecological effects of inbreeding on the brown alga *Silvetia compressa*. Ecological Society of America Annual Meeting, Portland, OR.
- Kusic, K.E., P.T. Raimondi, A. Kendall, D. Lohse, E. Maloney, M. Williams, and M. Wilson. 2004. Comparison of biodiversity patterns among rocky intertidal communities. 7th Biennial Workshop on Research in the Gulf of the Farallones, San Francisco, CA.
- Lawrenz-Miller, S. 2004. 30 years of change in intertidal invertebrate populations on the Palos Verdes Peninsula, Los Angeles County, California. CEA-CREST Annual Conference, Pasadena, CA.
- Lee, S. 2004. Comparison of methods for obtaining low-altitude aerial images of rocky intertidal habitats. CEA-CREST Annual Conference, Pasadena, CA.

- Miner, M. 2004. Changes in intertidal community structure following mass mortality of the black abalone, *Haliotis cracherodii*, and implications for recovery. NOAA ESA Workshop on Status Review of Black Abalone, La Jolla, CA.
- Murray, S. N. 2004. Long-term trends in the abundances of rocky intertidal seaweeds on southern California shores. Coloquio sobre Ficología, Acuicultura y Ecología Marina, Universidad Autonoma de Baja California Norte, Ensenada, Mexico.
- Murray, S.N. 2004. Science, seashores, the public and marine protection. Outstanding Professor Lecture, California State University, Fullerton, CA.
- Murray, S.N. 2004. Changing abundances of rocky intertidal seaweeds on southern California shores. CEA-CREST Annual Conference, Pasadena, CA.
- Raimondi, P.T. 2004. Long term monitoring of intertidal communities. National Park Service.
- Raimondi, P.T., R. Sagarin, R. Ambrose, M. George, S. Lee, D. Lohse, C.M. Miner, S. Murray, and C. Roe. 2004. Color change and consistency in the sea star *Pisaster ochraceus*. Society for Integrative and Comparative Biology Annual Meeting, San Diego, CA and Western Society of Naturalists Annual Meeting, Rohnert Park, CA.
- Sagarin, R. 2004. Climate change, species change and the power of the naturalist. Seminar at Scripps Institution of Oceanography, San Diego, CA.
- Sagarin, R. 2004. Making exciting science out of boring, old, and unprofessional data. Seminar at California State University Fullerton, Fullerton, CA.
- Sagarin, R. 2004. Tide pools or supermarkets? Effects of foraging by humans on our rocky shore animal populations. City of Santa Monica 10 Fest: Sustainable City Plan 10th Anniversary Celebration, Santa Monica, CA.
- Sagarin, R., R. Ambrose, B. Becker, J. Engle, S. Murray, P. Raimondi, and D. Richards. 2004. Using monitoring to study unpredictable, high impact events: effects of human collection of the intertidal limpet *Lottia gigantea*. CEA-CREST Annual Environmental Science Conference, Pasadena, CA.
- Sagarin, R., R. Ambrose, B. Becker, J. Engle, S. Murray, P. Raimondi, and D. Richards. 2004. Using monitoring to study unpredictable, high impact events: effects of human collection of the intertidal limpet *Lottia gigantea*. Western Society of Malacologists Annual Meeting, Ensenada, Mexico.
- Whiteside, K.E. and S.N. Murray. 2004. Spatial and temporal patterns of abundance in southern California populations of *Caulacanthus ustulatus* (Rhodophyta). Phycological Society of America Annual Meeting, Williamsburg, VA.
- Wilson, M.C., J.M. Altstatt, P.T. Raimondi, and T.E. Minchinton. 2004. Changes in intertidal community structure following mass mortality of the black abalone, *Haliotis cracherodii*, and implications for abalone recovery. NOAA ESA Workshop on Status Review of Black Abalone, La Jolla, CA.

2003

- Becker, B.J. 2003. Marine resources at the Cabrillo National Monument. Youth Conservation Corps, San Diego, CA.
- Becker, B.J. 2003. Tidepool ecology at the Cabrillo National Monument. Cabrillo National Monument Foundation, San Diego, CA.
- Becker, B.J. 2003. Rocky intertidal ecology in 20 minutes or less. Tidepool Volunteer Conference, San Diego, CA.
- Becker, B.J., L. Levin, P. McMillan, and F.J. Fodrie. 2003. Using trace element concentrations in Mytilid mussel shells to determine larval sources. Western Society of Malacologists Annual Meeting, Los Angeles, CA.
- Blanchette, C.A. 2003. Contrasting contributors to nearshore marine community structure around Pt. Conception, California. 6th International Temperate Reef Symposium, Christchurch, NZ.
- Blanchette, C.A., P.T. Raimondi, M. Wilson, D. Lohse, A. Kendall, K. Kusic, H.A. Livingston, E. Maloney and M. Williams. 2003. Beyond biogeography: large-scale patterns of distribution and abundance of intertidal marine algae along the US west coast. Phycological Society of America Annual Meetings, Salishan, OR. (Abstract in *J. Phycol.* 39 (1):4.)
- Blanchette, C.A., S.D. Gaines, and B. Helmuth. 2003. Extreme spatial variation in the distribution, abundance and growth of the intertidal dominant, *Mytilus californianus*, around Point Conception CA. Western Society of Naturalists Annual Meeting, Long Beach, CA.
- Blanchette, C.A., D.V. Richards, J.M. Engle, B.R. Broitman, and S.D. Gaines. 2003. Regime shifts, community change and population booms of keystone predators at the Channel Islands. Sixth California Islands Symposium, Ventura, CA.

- Bullard, A.M. and S.N. Murray. 2003. Changing macrophyte abundances and primary productivity of a southern California shore. Southern California Academy of Sciences, Northridge, CA. (Abstract in *So. Cal. Acad. Sci. Bull.* 102 (2):26).
- Bullard, A.M. and S. N. Murray. 2003. Comparisons of macrophyte cover and community primary productivity on two southern California shores. Phycological Society of America Annual Meeting, Salishan, OR. (Abstract in *J. Phycol.* 39 (1):6).
- Bullard, A.M. and S.N. Murray. 2003. Variations in community primary productivity on two southern California rocky shores. Western Society of Naturalists Annual Meeting, Long Beach, CA.
- Dunaway, M.E. and D.V. Richards. 2003. MARINE – a successful partnership. Department of the Interior Conference on the Environment, Phoenix, AZ.
- Dunaway, M.E. and D.V. Richards. 2003. MARINE: a model regional partnership for long-term coastal monitoring. Poster at Joint Ventures: Partners in Stewardship Conference, Los Angeles, CA.
- Foster, M.S. 2003. Can the effects of ocean warming on temperate reef communities be accurately predicted? Lessons from a large scale, long-term field experiment in central California. Phycological Society of America Annual Meeting, Salishan, OR. (Abstract in *J. Phycol.* 39 (1):18).
- Gilbane, L. 2003. Using Carbon (^{13}C) and Nitrogen (^{15}N) stable isotope signatures to analyze food web inputs into mussels on southern California rocky shores. Western Society of Naturalists Annual Meeting, Long Beach, CA.
- Gilbane, L. and S. Murray. 2003. Analysis of carbon (^{13}C) and nitrogen (^{15}N) stable isotope signatures of inputs into benthic food webs on southern California rocky shores. Southern California Academy of Sciences Annual Meeting, Northridge, CA. (Abstract in *So. Cal. Acad. Sci. Bull.* 102 (2):31-32).
- Goddard, J. 2003. Impacts and control of an invasive seaweed in California marine protected areas. University of California Exotic/Invasive Pests and Diseases Research Workshop, Riverside, CA.
- Henkel, S.K. and S. N. Murray. 2003. Reproduction, recruitment, and Morphological variation in lower intertidal populations of the kelp *Egregia menziesii* (O. Laminariales). Northeast Algal Symposium, Saratoga Springs, NY.
- Henkel, S.K. and S. N. Murray. 2003. Patterns of reproduction and morphological variation in southern California populations of the lower intertidal kelp: *Egregia menziesii* (Turner) Areschoug. Phycological Society of America Annual Meeting, Salishan, OR. (Abstract in *J. Phycol.* 39 (1):23).
- Kusic, K.E., P.T. Raimondi, C.A. Blanchette, A. Kendall, D. Lohse, E. Maloney, M. Williams, and M. Wilson. 2003. Comparison of biodiversity patterns among rocky intertidal communities. Sixth California Islands Symposium, Ventura, CA.
- Murray, S. N. 2003. Changing patterns in the abundances of rocky intertidal seaweed population in the Southern California Bight over a fifty-year period. Third European Phycological Congress, Belfast, Northern Ireland.
- Murray, S. N. 2003. Changing environmental conditions and changes in the abundances of rocky intertidal seaweeds on southern California shores. Phycological Society of America Annual Meeting, Salishan, OR. (Abstract in *J. Phycol.* 39 (1):43).
- Osborn, D.A., J.S. Pearse and C. A. Roe. 2003. Long-term Monitoring Program and Experiential Training for Students (LiMPETS). 2003. Oceans 2003 Marine Technology and Ocean Science Conference, September 22-26, 2003, San Diego, CA.
- Osborn, D.A., J.S. Pearse and C. A. Roe. 2003. Monitoring rocky intertidal shorelines: A role for the public in resource management. California and the World Oceans '02 Conference, Santa Barbara, CA.
- Raimondi, P.T. 2003. Unexpected dynamism in zonation and abundance revealed by long-term monitoring on rocky shores. Seminars at University of California Santa Cruz, Moss Landing Marine Laboratories, Monterey Bay National Marine Sanctuary, Marine Interest Group, and Moore Foundation.
- Raimondi, P.T. 2003. Ecological effects due to impingement and entrainment. State of California Desalination Working Group.
- Raimondi, P.T. 2003. Overview of PISCO. Gordon and Betty Moore Foundation.
- Raimondi, P.T., D. Lohse and C. Blanchette. 2003. Unexpected dynamism in zonation and abundance revealed by long-term monitoring on rocky shores. Symposium on "Expanding Scales, Expanding Perspectives: New Insights into Marine Ecosystem Dynamics", Ecological Society of America 88th Annual Meeting, Savannah, GA.
- Readdie, M. 2003. Shifting zones: how species upper limits can vary vertically on rocky shores, 6th International Temperate Reef Symposium, Christchurch, NZ.
- Readdie, M. 2003. Shifting zones: how facilitation can cause species upper limits to vary vertically on rocky shores, Western Society of Naturalists Annual Meeting, Long Beach, CA.

- Richards, D.V. 2003. Black abalone, *Haliotis cracherodii*, struggling for survival at the California Channel Islands. Poster at 6th International Temperate Reef Symposium, Christchurch, NZ.
- Richards, D.V. 2003. Black abalone, *Haliotis cracherodii*, at the California Channel Islands, Sixth California Islands Symposium, Ventura, CA.
- Richards, D.V. and M.E. Dunaway. 2003. Partnerships for a regional perspective: Multi-Agency Rocky Intertidal Network. Protecting our Diverse Heritage: Poster at The George Wright Society Biennial Conference, San Diego, CA.
- Roe, C. 2003. Digital management software: evaluation and demonstration. MARINE Taxonomic Workshop, CSU Fullerton, Fullerton, CA.
- Sagarin, R. 2003. The heat shock response is complex, but so is the intertidal. Western Society of Naturalists Annual Meeting, Long Beach, CA.
- Smith, J.R., R.F. Ambrose, and P. Fong. 2003. Long-term change in mussel (*Mytilus californianus*) communities along the coast of California. Western Society of Naturalists Annual Meeting, Long Beach, CA.
- Smith, J.R., R.F. Ambrose, and P. Fong. 2003. Current condition and long-term change in the abundance and biodiversity of mussel bed communities of wave-exposed rocky intertidal zones of the Channel Islands. Poster at Sixth California Islands Symposium, Ventura, CA.
- Steinbeck, J., D. Schiel, and M. Foster. 2003. Are long-term impact studies long enough? 6th International Temperate Reef Symposium, Christchurch, NZ.

2002

- Becker, B.J., L. Levin, P. McMillan, and F.J. Fodrie. 2002. Using trace element concentrations in Mytilid mussel shells to determine larval sources. Western Society of Naturalists Annual Meeting, Monterey, CA.
- Blanchette, C.A., J. Kovach, C. Svedlund, and A. Wyndham (UCSB) & P. Raimondi, E. Maloney, K. Kusic, A. Kendall, and M. Williams (UCSC). 2002. Biological patterns at the large scale: rocky intertidal community structure of the west coast. Poster at PISCO Public Symposium, California State University Monterey Bay, Monterey, CA.
- Blanchette, C.A., P.T. Raimondi, D. Lohse, M. George, A. Kendall, K. Kusic, E. Maloney, M. Williams, and M. Wilson. 2002. Long-term large scale patterns in rocky intertidal communities: connecting pattern and process. California and the World Ocean 2002 Conference, Santa Barbara, CA.
- Dunaway, M.E. 2002. MARINE: The Multi-Agency Rocky Intertidal Network. Poster at Southern California Academy of Sciences Annual Meeting, Claremont, CA. (Abstract in *So. Cal. Acad. Sci. Bull.* 101 (2):17).
- Dunaway, M.E. 2002. Long-term marine monitoring - MARINE – a model regional program. Poster at California and the World Ocean 2002 Conference, Santa Barbara, CA and Western Society of Naturalists Annual Meeting, Monterey, CA.
- Engle, J.M. 2002. WSN “Naturalist of the Year” presentation. Western Society of Naturalists Annual Meeting, Monterey, CA.
- Henkel, S.K. and S. N. Murray. 2002. Morphological variation and patterns of reproduction and recruitment in lower intertidal populations of the kelp *Egregia menziesii* (O. Laminariales). Northwest Algal Symposium, Arcata, CA.
- Honma, L. and R. Rundle. 2002. Monitoring of nearshore marine habitats following beach replenishment activities, Southern California Academy of Sciences Annual Meeting, Claremont, CA. (Abstract in *So. Cal. Acad. Sci. Bull.* 101 (2):33).
- Kusic, K.E., A. Kendall, E. Maloney, M. Williams, P.T. Raimondi, D. Lohse and C. Blanchette. 2002. Spatially explicit grid surveys of temperate rocky reef communities: How do physical and biological factors affect community structure? Northwest Algal Symposium, Arcata, CA.
- Murray, S.N. 2002. Are southern California’s changing coastal waters and nearshore biological communities becoming more susceptible to invasion by exotic seaweeds? Southern California Academy of Sciences Annual Meeting, Claremont, CA. (Abstract in *So. Cal. Acad. Sci. Bull.* 101 (2):30).
- Osborn, D.A., J.S. Pearse, and C.A. Roe. 2002. Sanctuary Intertidal Monitoring Program. Poster at Ecological Society of America Annual Meeting.
- Osborn, D.A., J.S. Pearse, C.A. Roe, J.B. Heffington, and K.D. Keedy. 2002. Seymour Intertidal Monitoring Program. Society of Integrative and Comparative Biology Annual Meeting, Anaheim, CA.
- Pearse, J.S., D.A. Osborn, and C.A. Roe. 2002. Monitoring the intertidal with high school students: SIMP to LiMPETS. Western Society of Naturalists Annual Meeting, Monterey, CA.

- Raimondi, P.T. 2002. Intertidal monitoring: its uses and abuses. PISCO Public Symposium, California State University Monterey Bay, Monterey, CA.
- Raimondi, P.T. 2002. Techniques of and lessons from intertidal monitoring. Research Activity Panel to Monterey Bay National Marine Sanctuary, Monterey, CA.
- Readdie, M. 2002. Long-term change in intertidal zonation. Can succession drive vertical shifts in species zones? Poster at PISCO Public Symposium, California State University Monterey Bay, Monterey, CA.
- Roe, C., J. Pearse, and D. Osborn. 2002. Seymour Intertidal Monitoring Program. West Coast National Marine Sanctuary Meeting, Ross, CA.
- Wilson, M.C., J.M. Altstatt, P.T. Raimondi, and T.E. Minchinton. 2002. Changes in intertidal community structure following mass mortality of the black abalone, *Haliotis cracherodii*, and implications for abalone recovery. Western Society of Naturalists Annual Meeting, Monterey, CA.

2001

- Becker, B.J. 2001. Ten years of rocky intertidal monitoring at Cabrillo National Monument. Western Society of Naturalists Annual Meeting, Ventura, CA.
- Becker, B.J. and S. Schroeter. 2001. (workshop) Cabrillo National Monument Rocky Intertidal Monitoring Program Ten Year Review. San Diego, CA.
- Denis, T. and S.N. Murray. 2001. Among-site variation in the effects of trampling disturbance on *Silvetia compressa* (O. Fucales) populations. Phycological Society of America Annual Meeting, Estes Park, Colorado (abstract in *J. Phycol.* 37:16).
- Engle, J.M. 2001. Marine Life Monitoring in Southern California. USC/Catalina Conservancy Monitoring Symposium, Long Beach, CA.
- Menge, B.A., C.A. Blanchette, T.L. Freidenburg, S.D. Gaines, J. Lubchenco, D. Lohse, P. Raimondi. 2001. Cross-scale linkages between bottom-up factors and interaction strength in rocky intertidal communities. Ecological Society of America Annual Meeting, Madison, WI.
- Murray, S.N. 2001. Visitor impact on rocky shores: are southern California's marine protected areas protecting coastal resources? Southern California Academy of Sciences Annual Meeting, Los Angeles, CA.
- Murray, S.N., J. Goodson, A. Gerrard, and T. Luas. 2001. Long-term changes in rocky intertidal seaweed populations in urban southern California. Phycological Society of America, Estes Park, CO (abstract in *J. Phycol.*: 37:35).
- Murray, S.N., J. Goodson, A. Gerrard, and T. Luas. 2001. Changes in southern California macrophyte populations since Dawson's rocky intertidal surveys in the late 1950s. Western Society of Naturalists Annual Meeting, Ventura, CA.
- Osborn, D.A., J.S. Pearse, and C.A. Roe. 2001. Monitoring the rocky intertidal with high school students and other volunteer groups. 15th Annual Meeting of the Society for Conservation Biology, Hilo, HI.
- Pearse, J.S., D.A. Osborn, and C.A. Roe. 2001. Seymour Intertidal Program: Monitoring the rocky intertidal of Monterey Bay with high school students. Western Society of Naturalists, 82nd Annual Meeting, Ventura, CA and California Marine Research and Cooperative Extension Conference, Sacramento, CA.
- Pearse, J.S., D.A. Osborn, and C.A. Roe. 2001. Monitoring the Sanctuary's rocky intertidal: A high school and volunteer program at the Seymour Marine Discovery Center. Second Symposium on Marine Conservation Biology Institute, San Francisco, CA and Sanctuary Currents Monterey Bay National Marine Sanctuary Symposium, Monterey, CA.
- Raimondi, P.T. 2001. Assessing variability in intertidal community structure. Seminars at California Polytechnic University San Luis Obispo, California State University Humboldt, Bodega Marine Laboratory, Oregon State University, and Duke University.
- Raimondi, P.T. and M.C. Carr. 2001. Long-term patterns and processes in temperate rocky reef communities: stasis is not the norm. Western Society of Naturalists Annual Meeting, Ventura, CA.
- Richards, D.V. 2001. Black abalone at the Channel Islands, a withering legacy. American Fisheries Society, Cal-Neva Chapter Meeting, Santa Rosa, CA.
- Richards, D.V. and K. Lafferty. 2001. (workshop) Channel Islands National Park Intertidal Monitoring Program Review, Cambria, CA.
- Roe, C. and P. Raimondi. 2001. Variability in the accumulation and persistence of tar in four intertidal zones. Western Society of Naturalists Annual Meeting, Ventura, CA.

Wilson, M. 2001. Is *Sargassum muticum* a benign invader of tidepools on the Pacific coast? Western Society of Naturalists Annual Meeting, Ventura, CA.

2000

Becker, B.J. 2000. MARINE: Multi-Agency Rocky Intertidal Network, coordinated ecological monitoring on a regional scale. Poster at Biodiversity Council, Santa Barbara, CA.

Minchinton, T.E., P.T. Raimondi, M. Wilson, R.F. Ambrose, and J.M. Engle. 2000. Continued declines of black abalone due to withering syndrome along the coast of California. Poster at Thirteenth Annual Research Symposium of the U.C. Toxic Substances Research and Teaching Program.

Murray, S.N. 2000. Visitor impacts on rocky shores: are rocky intertidal reserves really reserves in southern California? MacMillan Coastal Biodiversity Workshop, Bamfield Marine Station, Canada.

Raimondi, P.T. and M.C. Carr. 2000. Partnership for Interdisciplinary Studies of Coastal Oceans. PISCO at Santa Cruz. Larval Biology Meeting. University of California, Santa Cruz, CA.

Readdie, M. 2000. Long-term change in intertidal zonation. Can succession drive vertical shifts in species zones? Poster at Monterey Bay National Marine Sanctuary Symposium, Monterey, CA.

Richards, D.V. 2000. The status of rocky intertidal communities in Channel Islands National Park. The Fifth California Islands Symposium, Santa Barbara Museum of Natural History, Santa Barbara, CA.

Richards, D.V. 2000. Marine ecosystem monitoring and resources management at the California Channel Islands. Seminar at CICESE, Ensenada, B.C., Mexico.

1999

Koehnke, J.M. and S.N. Murray. 1999. Seasonal and spatial patterns of reproduction and recruitment in a population of the intertidal rockweed *Pelvetia compressa* (Fucales). Phycological Society of America Annual Meeting, St. Louis, MO (Abstract in *J. Phycol.* 35:17).

Koehnke, J.M. and S.N. Murray. 1999. Temporal and spatial variation in reproduction and recruitment of *Pelvetia compressa*. Southern California Academy of Sciences Annual Meeting, Los Angeles, CA.

Murray, S.N. 1999. Long-term changes in the abundance of rocky intertidal populations at Little Corona Del Mar, California: A synthesis with traditional and non-traditional data sources. Western Society of Naturalists Annual Meeting, Monterey, CA.

Murray, S.N. 1999. The need for long-term data sets and the ability to map and detect changes in the abundance of rocky intertidal populations in southern California. Second CCD Monitoring Workshop, Santa Catalina Island, CA.

Murray, S. and J. Bursek. 1999. Long-term changes in the abundance of rocky intertidal populations at Little Corona Del Mar, California: a synthesis with traditional and non-traditional data sources. Western Society of Naturalists Annual Meeting, Monterey, CA.

Raimondi, P.T. 1999. Assessment of impacts to rocky intertidal biota: Seminar at Torch/Platform Irene Pipeline Oil Spill Meeting.

Raimondi, P.T. 1999. Aspects of rocky intertidal monitoring. Seminar at University of California, Santa Cruz, CA.

Richards, D.V. 1989. Long-term ecological monitoring of the rocky intertidal at Channel Islands National Park. Southern California Academy of Sciences Annual Meeting, Thousand Oaks, CA.

1998

Ambrose, R.F. 1998. (panelist) Biodiversity along the coast: "what is happening now." Conference on California's Biodiversity Crisis: The Loss of Nature in an Urbanizing World, UCLA Institute of the Environment, Los Angeles, CA.

Engle, J.M. 1998. Long-term monitoring of rocky intertidal and shallow subtidal biota in southern California. USC/Catalina Conservancy Monitoring Symposium, Cabrillo Aquarium, San Pedro, CA.

Gibson, T.A. and S.N. Murray. 1998. Site-variation in the effects of human foot traffic on the rocky intertidal seaweed, *Pelvetia compressa*. Southern California Academy of Sciences Annual Meeting, Pomona, CA.

Gibson, T.A. and S.N. Murray. 1998. Effects of human foot traffic on a rocky intertidal seaweed, *Pelvetia compressa*. Western Society of Naturalists Annual Meeting, San Diego, CA.

Kido, J.S. and S.N. Murray. 1998. Status of owl limpets (*Lottia gigantea*) in southern California habitats influenced by collecting pressure. Western Society of Naturalists Annual Meeting, San Diego, CA.

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