

## Appendix B

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# MEETINGS, SYMPOSIA, AND SEMINARS

The Project maintains close ties with the academic community and with other research organizations around the country as well as with the regulatory agencies. We do not exist alone but are an important component of the national environmental program.

The Project's Consulting Board meets quarterly to review our progress and suggest new approaches to complex problems. During the past year. Consulting Board meetings were held on 29-30 September 1973, 16-17 February 1974, and 22-23 June 1974.

The following is a summary listing of other meetings conducted or attended by our staff since July 1973.

### SYMPOSIA AND CONFERENCES

Conference of Government Representatives on Discharges to the Pacific Ocean from Municipal Wastewater Treatment Facilities. Association of Metropolitan Sewerage Agencies, 12-13 July 1973, San Francisco, California. Attended by Willard Bascom, Alan Mearns, and David Young; papers presented by Alan Mearns and David Young.

Workshop on The Marine Environment. Coastal Zone Conservation Commission, 22 August 1973, Long Beach, California. Attended by Willard Bascom.

Workshop on Assessing the Potential Effects of Technology on the Marine Environment. National Academy of Sciences, National Research Council, and Marine Biological Laboratory, 27 October-2 November 1973, Woods Hole, Massachusetts. Attended by Willard Bascom.

Hearing on Proposed Interim Guidelines and Procedural Guidelines. South Coast Regional Coastal Zone Commission, 29 October 1973, Long Beach, California. Testimony given by John Isaacs and Alan Mearns.

Conference on California Ocean Pollution Research. California Institute of Technology and Scripps Institution of Oceanography, 11-15 November 1973, Lake Arrowhead Conference Center, California. Attended by Willard Bascom, David Young, Alan Mearns, and Terry Hendricks.

Short Course on Acoustic Stock Estimation. Applied Physics Laboratory, University of Washington, 26-30 November 1973, Seattle, Washington. Attended by Alan Mearns.

54th Annual Meeting of the Western Society of Naturalists. 27-29 December 1973, San Diego, California. Attended by James Alien, Thomas Sarason, and Leslie Harris.

Hearing on Deep Ocean Discharges as They Relate to Secondary Treatment. United States Senate Subcommittee on Environmental Pollution, 18 March 1973, Honolulu, Hawaii. Attended by Willard Bascom.

36th Annual Meeting of Pacific Fishery Biologists. 20-22 March 1974, Lakeport, California. Attended by Marjorie Sherwood, Alan Mearns, and James Alien.

Workshop on Prediction of Pollutant Transport in Coastal Waters. Environmental Protection Agency, Pacific Northwest Environmental Research Laboratory, Coastal Pollution Branch, 28-29 March 1974, Corvallis, Oregon. Attended by David Young and Terry Hendricks.

Marine Bioassay Workshop, Marine Technology Society, 9-11 April 1974, Montauk, Long Island, New York. Attended by David Young.

Marine Pollution Control Course, Instructor Irwin Haydock. California State University, Engineering Department, 18 April 1974, Long Beach, California. Lectures on fish communities and diseases given by Marjorie Sherwood and James Alien.

Engineering Committee of the California Water Resources Association. 25 April 1974, Sacramento, California. Attended by Alan Mearns.

Annual Meeting of the Southern California Academy of Sciences. 3-4 May 1974, California State University, Fullerton, California. Papers presented by Deirdre McDermott, Jack Word, Elliott Berkhiser, and Alan Miller.

Environmental Protection Agency Conference. May 1974, Rutgers University, New Brunswick, New Jersey. Paper on "Solid Waste Discharge into the Santa Monica Canyon"

presented by Bud Mitchell.

Cine Camera Films in Deepwater. John D. Isaacs, Scripps Institution of Oceanography. 21 August 1973.

Plutonium and Asbestos: Potential Environmental Contaminants. Edward D. Goldberg, Scripps Institution of Oceanography. 4 September 1973.

Chemistry of Sediments and Interstitial Water. Ian Kaplan, Emil Kalil, and Martin Goldhaber, Department of Geology, University of California at Los Angeles. 11 September 1973.

Los Angeles Harbor Studies. Dorothy Soule and Miki Oguri, Allan Hancock Foundation, University of Southern California. 18 September 1973.

Litter in the Oceans; Oogenesis of *Mytilus*. David Elvin, Marine Science Center, Oregon State University. 2 October 1973.

Kelp Beds Restoration Program in Southern California. Wheeler North, Environmental Engineering Science, California Institute of Technology. 9 October 1973.

Polychaete Bioassay Studies. Donald Reish, Department of Biology, California State University at Long Beach. 23 October 1973.

Natural Halogenated Compounds in Seawater. William Fenical, Scripps Institution of Oceanography. 6 November 1973.

Showing of "The Poisoned Sea" (a film by Lee Teppley) and an underwater film of the Whites Point outfall system. Irwin Haydock, Los Angeles County Sanitation Districts. 20 November 1973.

Fish Bioassay Techniques. Richard Cardwell, Research Department, Envirogenics, Inc. 11 December 1973.

Plans for New Cabrillo Beach Marine Ecology Center. Richard Josslin, Cabrillo Beach Marine Museum. 22 January 1974.

Underwater, High-Speed, Strobe-Light, and Time-Lapse Photography. Harold Edgerton, Massachusetts Institute of Technology. 23 January 1974.

Intertidal and Sublittoral Zone at Whites Point. Richard Grigg, University of Hawaii. 12 February 1974.

Marine Pollution Problems. Joel Hedgpeth, Manne» Science Center, Oregon State University. 5 March 1974.

Activities of Los Angeles Harbor Department. Calvin Hurst, Los Angeles Harbor Department. 19 March 1974.

Fishes of Anaheim Bay. David Lane, Long Beach State University. 25 March 1974.

The Sandy Subtidal Zone at Zuma Beach. John Kastendiek and James Morin, Department of Zoology, University of California at Los Angeles. 2 April 1974.

California Cooperative Fisheries Investigation Data. Paul Smith, National Marine Fisheries Service. 7 May 1974.

#### COASTAL WATER RESEARCH PROJECT TAXONOMIC STANDARDIZATION MEETINGS

The Project is promoting a regional approach to the identification and reporting of trawl-caught fishes and invertebrates through its taxonomic standardization program (described in Part I of this report). We hold regular meetings with biologists from the major monitoring agencies to review and compare species lists and reference materials. The sessions during the past year were:

- Introductory session, 19 July 1973
- Mollusks, 28 November 1973
- *Turridae* and *opisthobranchia*, 28 January 1974
- Shrimp, 6 March 1974
- Echinoids, 3 April 1974
- *Cancer* crabs and *Potinices* snails, 7 May 1974

The meetings were attended by representatives of the County Sanitation Districts of Los Angeles and Orange Counties, the Cities of Los Angeles and San Diego, and Orange County Department of Education, the Los Angeles Regional Water Quality Control Board, Lockheed Ocean Laboratory, San Diego, and Marine Biological Consultants, Inc., Costa Mesa.

#### VISITS TO OTHER RESEARCH ORGANIZATIONS

Oregon State University Marine Science Center, Newport, Oregon. Visited by Alan Mearns, 13 July 1973.

Environmental Protection Agency Pacific Northwest Environmental Research Laboratory, Corvallis, Oregon. Visited by Alan Mearns, 16 July 1973.

University of Southern California Marine Laboratory, Catalina Island. Visited by Marjorie Sherwood and Cindy Smith, 19 July 1973.

National Oceanic and Atmospheric Administration, Marine Ecosystem Analysis, State University of New York, Stony Brook, New York. Visited by David Young, 7-8 April 1974.

Environmental Protection Association National Marine Water Quality Laboratory, Narragansett, Rhode Island. Visited by David Young, 11-12 April 1974.

Woods Hole Oceanographic Institution, Woods Hole, Massachusetts. Visited by David Young, 12 April 1974.