

Appendix B

MEETINGS SYMPOSIA, AND SEMINARS

Marine and Estuarine Technical Committee on Northern California Ocean Outfalls, California State Water Resources Control Board and Institute of Marine Resources, Fall 1976 and Spring 1977, Alan J. Mearns, Advisor.

Interagency Meetings on Aquatic Studies, San Francisco Bay Clean Water Grant Project, California State Water Resources Control Board, Fall 1976 and Spring 1977. David R. Young, Consultant.

Panel to Evaluate and Prioritize Chemical Contaminants of Concern in the New York Bight, NOAA-MESA, Fall 1976 and Spring 1977. David R. Young, Member.

Study of NOAA-MESA Chemical Oceanography Programs, Stonybrook, New York. David R. Young, Consultant, 27 June to 3 July 1976.

Meeting of Sunfield Ecology, Santa Monica, California 28 July 1976. Alan J. Mearns, Guest Speaker.

Woods Hole Oceanographic Institution, Massachusetts, 2 to 6 August 1976. Willard Bascom, Visiting Scholar.

Regional Meeting of the National Ocean Industries Association, Carmel, California, 2 August 1976. Alan J. Mearns, Guest Speaker.

Workshop on Assessment of the Potential Impact of Dredged Material Disposal in the Open Ocean, U.S. Corps of Engineers and Tereco Corporation, San Diego, California, 16 August 1976. Talk given by David R. Young.

Miniconference on Sludge Disposal Alternatives in the Ocean off Southern California, Environmental Quality Laboratory, California Institute of Technology, Pasadena, California, 8 September 1976. Talk given by David R. Young.

Seminar for the Department of Chemistry, California State University at Long Beach, 29 September 1976. David R. Young, Guest Speaker.

Hearing on the Proposed Toxic Pollutant Effluent Standards for Polychlorinated Biphenyls, U.S. Environmental Protection Agency, Washington, D.C., 12 October 1976. Testimony given by David R. Young.

Seminar for the Biology Department, California State University at Long Beach, 13 October 1976. Alan J. Mearns, Guest Speaker.

Hearing on Areas of Special Biological Significance: San Clemente Island. California State Water Resources Control Board, El Segundo, California, 1 November 1976. Attended by Willard Bascom and Alan J. Mearns.

Hearing on Proposed Changes to the California Ocean Plan, California State Water Resources Control Board, Sacramento, 12 November 1976. Presentation given by David R. Young; attended by Willard Bascom.

Meeting of the American Cetacean Society, Santa Monica, California, 29 November 1976. Talk given by Willard Bascom.

Minisymposium on Trace Metals in Coastal and Harbor Sea-water, Coastal Water Research Project, El Segundo, California, 4 January 1977. David R. Young, Chairman.

Conference on Fish Behavior, University of California at Santa Barbara, 18 January 1977. Attended by M. James Alien.

Meeting of the Public Works Department, City of Los Angeles, 3 February 1977. Report presented by Willard Bascom. Attended by Alan J. Mearns, Harold H. Stubbs, and David R. Young.

Sixth Annual Joint Conference of the California-Nevada Chapter of the American Fisheries Society and the Western Section of the Wildlife Society, San Jose, California, 3-5 February 1977. Paper presented by M. James Alien.

Meeting to Review Project Development Plan, NOAA-MESA New York Bight Project, Southampton, Long Island, 23 February to 3 March 1977. David R. Young, Invited Participant.

Annual Meeting of the Southern California Academy of Sciences, California State Polytechnic University, Pomona, California, 6-7 May 1977. Papers presented by M. James Alien and G. Patrick Hershelman; attended by Alan J. Mearns.

Marine Secondary Review Meeting, California State Water Resources Control Board, Sacramento, 1 June 1977. Alan J. Mearns, Invited Participant.

Public Review of Draft Environmental Impact Statement and Report, U.S. Environmental Protection Agency and County Sanitation Districts of Orange County, Huntington Beach, California, 13 June 1977. Statement made by Alan J. Mearns.

Fish Toxicity Bioassay Workshop, Fish and Wildlife Water Pollution Control Laboratory, California Department of Fish and Game, Carlsbad, California, 15-16 June 1977. Philip S. Oshida and Marjorie J. Sherwood, Participants.

SEMINARS HELD AT THE PROJECT

Optimization of Wastewater Chlorination Processes, and Floatables in the Ocean. Dr. Robert E. Selleck, University of California at Berkeley. 14 September 1976.

Bacterial Dieoff in the Ocean. Dr. James Foxworthy, Loyola-Marymount University, Los Angeles. 21 September 1976.

The San Francisco Bay Project. Dr. Welton Lee, California Academy of Sciences. 12 October 1976.

Mutagenic Compounds and Mitotic Poisons and the Marine Photoluminescent Bacteria. Dr. Ken Neilson, Scripps Institution of Oceanography. 19 October 1977.

Proposed Changes in Regulation of Ocean Discharge. Dr. Larry Klapow, California State Water Resources Control Board. 21 October 1976.

Control and Function of Bioluminescence in Coelenterates. Dr. James G. Morin, University of California, Los Angeles. 26 October 1976.

Growing Abalone on Oil Platforms. Dr. J.L. Siva, Atlantic Richfield Company, Los Angeles. 2 November 1976.

The Dynamics of Macrocystis Kelp Beds: Man's Difficulty of Assessment. Ron McPeak, Keico, San Diego. 9 November 1976.

Recent Developments at the Ventura Regional County Sanitation District. John A. Lambie, Chief Engineer and General Manager. 16 November 1976.

Trace Metal Toxicity Studies with Marine Invertebrate Larvae. Dr. Michael Martin, California Department of Fish and Game, Monterey. 7 December 1976.

Plankton Indicators: Their Distribution and Fisheries. Dr. Angeles Alvarino, Southwest Fisheries Center, National Marine Fisheries Service, La Jolla. 14 December 1976.

Development of Dose Response Curves of Plants Subjected to Toxic Levels of Trace Elements. Wade Berry, University of California at Los Angeles. 11 January 1977.

The Seattle MESA Program. Dr. E. Long, National Oceanic and Atmospheric Administration. 19 January 1977.

Alteration and Dispersion of Oil on the Water Surfaces. Dr. C.D. McAuliffe, Chevron Oil Field Research Company, La Habra, California. 8 February 1977.

Cetacean Morphology and Pathology. Bill Samaras, Los Angeles County Museum of Natural History. 15 February 1977.

Developing the Cabrillo Beach Marine Museum. John Olguin, Associate Director. 22 February 1977.

Elemental Carbon in Modern and Fossil Sediments—The History of Natural and Anthropogenic Burning. Dr. James Herring, Scripps Institution of Oceanography. 8 March 1977.

Biological Approaches to Recycling of Nutrients in Treated Domestic Wastewater. Dr. Malcolm Gordon, University of California, Los Angeles, 22 March 1977.

Southern California Albatross Expeditions, 1888-1911. M. James Alien, Coastal Water Research Project. 29 March 1977.

Evolving Notions about Ocean Motions. Dr. Hugh McLellan, Marine Science Institute, University of California at Santa Barbara. 5 April 1977.

Hydrocarbon Studies on Marine Animals. Dr. Steve Rossi, Scripps Institution of Oceanography. 12 April 1977.

Marine Mammal Disease Surveillance Program of Los Angeles County. Dr. Edwin B. Howard, Disease Investigation Division, Los Angeles County Health Services Department. 3 May 1977.

Role of Bacterio-Plankton in Polluted Coastal Marine Eco-systems. Dr. Farooq Azam, Scripps Institution of Oceanography. 10 May 1977.

Nutrient Ecology of Giant Kelp, *Macrocystis pyrifera*. George A. Jackson, W.M. Keck Laboratories, California Institute of Technology, 17 May 1977.

Colloidal Metal Complexes in Water. Dr. Kathe Bertine, California State University at San Diego. 24 May 1977.

Trace Metals in Algae. Dr. Van Willis, California State University, Fullerton. 31 May 1977.

Microscopic Studies on Diver-Collected Aggregates from Monterey Bay: Marine Snow. Dr. Mary Silver, University of California at Santa Cruz. 7 June 1977.

Trace Element Levels in Power Plant Effluents. Dr. David R. Young, Coastal Water Research Project. 14 June 1977.

Acoustic Estimates of Euphausiid Biomass and Distribution. Dr. Rick Pieper, Allan Hancock Foundation, University of Southern California. 21 June 1977.

Special Seminar, Dr. Erman A. Pearson, University of California at Berkeley. 24 June 1977.

TAXONOMIC STANDARDIZATION MEETINGS

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

- 15 July 1976. Solitary and Compound Ascidians, Rimmon C. Fay, Pacific Bio-Marine Supply, Venice. Tanaidaceae, Bud Winn, Allan Hancock Foundation, University of Southern California.
- 17 September 1976. Zoantharia and Benthic Cephalopods, E.G. Hochberg, Jr., Santa Barbara Museum of Natural History.
- 3-4 November 1976. Workshop on Taxonomic Coding Systems and Guidebooks for the Identification of Marine Invertebrates, Project Taxonomy Staff.
- 18 November 1976. Maldanidae, Mike Martin (Hyperion Treatment Plant, City of Los Angeles) and Karen Green (Allan Hancock Foundation, University of Southern California). Mysidaceae, Mike Sowby, Marine Biological Consultants, Costa Mesa.
- 13-14 January 1977. Special Amphipoda Workshop,

J.L. Barnard, Smithsonian Institution.

- 10 February 1977. Idotea (Isopoda), John Carter, Lockheed Ocean Laboratory, Diablo Canyon. Hermit crabs, Janet Haig and Mary Wicksten, Allan Hancock Foundation, University of Southern California.
- 21 April 1977. Cladocarpus (Hydrozoa), John Ljubenkoy, Allan Hancock Foundation, University of Southern California. Paraonidae, Larry Lovell, Marine Ecological Consultants, Del Mar. Poecilochaetus (Polychaeta), Mike Martin, Hyperion Treatment Plant, City of Los Angeles. Typosyllis (Polychaeta), Fred Piltz, Allan Hancock Foundation, University of Southern California.
- 26 May 1977. Special Sponge Workshop, Gerald Bakus, Karen Green, and Curt Smecher (Allan Hancock Foundation, University of Southern California) and Moshe Tsumamal (Jerusalem University, Israel).
- 30 June 1977. Rockfish and Pipefish, M. James Alien, Staff.

The meetings were attended by representatives of over 45 universities, government agencies, and business firms.