

## APPENDIX C

# PUBLICATIONS

### CONTRIBUTIONS: 1981-1982

- Bascom, W. 1982. The effects of sludge disposal in Santa Monica Bay. In *Impact of Marine Pollution on Society*, pages 217-244, V. K. Tippie and D. R. Kester, eds.; Center for Ocean Management Studies, Univ. of Rhode Island. Praeger, New York, 300 pp.
- Bascom, W. 1981. Effects on the Ecosystem of Sewage Sludge Disposal from a pipeline. In *Wat. Sci. Tech.* Vol. 14, Pergamon Press, Ltd., London, U.K. pp. 41-52.
- Bascom, W. The non-toxicity of metals in the sea. IAWPR Spec. Conf. on disposal of sludge in the sea. London, U.K. 1981.
- Bascom, W. Testimony on effects of ocean outfalls, House of Representatives Public Works Committee, Subcommittee on Oversight. Sept. 8, 1981. Los Angeles, CA
- Bascom, W. 1982. Testimony on pollution research. Hearings before Congressional Subcommittee on Natural Resources, Agricultural Research and Environment (Committee on Science and Technology) - U.S. House of Representatives, 23, 25 Feb; 3 Mar 1982. USGPO, Washington, D.C., Vol. 84; 241-252; 570-576.
- Bascom, W. 1982. The effects of waste disposal on the coastal waters of Southern California. *Environ. Sci. Technol.*, Vol. 16, No. 4, 1982. pp. 226A-236A.
- Bascom, W. 1982. A scale of marine contamination Proc. Pac. Reg. Workshop on assimilative capacity of the ocean for man's wastes. Taiwan, April 30, 1982, in press.
- Bayne, B. L., K. A. Burns, D. A. Brown, A. M. Ivanovici, D. R. Livingstone, D. M. Lowe, M. N. Moore, A. R. D. Stebbing, and J. Widdows. 1982. *The Biological Effects of Stress in Estuarine Environments: A Manual*. Holt, Rinehart and Winston/CBS Inc., in press.
- Boesch, D., D. Brown, F. Cross, N. Cutshell, R. Huggett, R. Lee, V. Noshkin, J. Pertmann, W. Sticklle, and J. Uthe. 1982. U.S. Mussel Watch Peer Review. Providence, Rhode Island, June 15-17, 1981. EPA, Narragansett, Rhode Island. Mimeograph, 10 pages.

- Brown, D. A., R. Gossett, and K. D. Jenkins. 1982. Contaminants in white croakers *Genyonemus lineatus* (Ayres, 1855) from the Southern California Bight: II Chlorinated hydrocarbon detoxification/toxification. In *Physiological Mechanisms of Marine Pollutant Toxicity*. Vernberg, W. B., A. Calabrese, F. P. Thurberg, and F. J. Vernberg, eds. Academic Press, New York, in press.
- Brown, D. A., R. W. Gossett, K. D. Jenkins and D. R. Young. 1982. Bioaccumulation and detoxification of hydrocarbons in marine organisms. Proceedings of the Workshop on Meaningful Measures of Marine Pollution Effects, Pensacola, Florida. April 26-29, 1982, National Oceanic and Atmospheric Administration, Rockville, MD, in press.
- Brown, D. A., R. W. Gossett, V. E. Raco, and K. D. Jenkins. 1982. Bioaccumulation and detoxification of hydrocarbons in marine organisms. Proceedings of the Biological Effect Workshop, Asilomar, California, March 30-31, 1982. Lawrence Livermore Publications, in press.
- Brown, D. A., F. Harrison, M. Mix, A. Knight, S. Jones, M. Bowers, J. Knezovich, J. Young, and J. Dorigan. 1982. Sublethal effects of stress at the cellular and molecular level. Proceedings of the Biological Effects Workshop, Asilomar, California, March 30-31, 1982. Lawrence Livermore Publications, in press.
- Cross, J. N. 1981. Resource partitioning in three rocky intertidal fish assemblages. In *Fish food habit studies*. C. A. Simenstad and G. Calliet, eds. Washington Sea Grant, Seattle, WA, in press.
- Gossett, R. W., T. -C. Liu-Hu, D. A. Brown, and D. R. Young. 1981. Organic: aqueous partition coefficients as a predictor of trace organic accumulation in marine food webs. Progress report to OMPA/NOAA, Seattle, WA, 19 pp.
- Gossett, R. W., H. W. Puffer, R. H. Arthur, Jr., and D. R. Young. Determination of PCB, DDT and BaP levels in white croaker *Genyonemus lineatus* from southern California waters. *Marine Pollution Bulletin*, in press.
- Hershelman, G. P., H. A. Schafer, T -K. Jan and D. R. Young. 1981. Metals in marine sediments near a large California municipal outfall. *Mar. Pollut. Bull.*, 12(4): 131-133.
- Hose, J. E., P. S. Oshida, S. Bay, H. Puffer. Developmental and cytogenetic abnormalities induced in the purple sea urchin by benzo(a)pyrene. *Arch. Env. Cont.*, in press.
- Jenkins, K. D., and D. A. Brown. 1982. An *in situ* assay of trace metal toxicity based upon sub-cellular partitioning of metals between sites of detoxification and sites of toxic action. Proceedings of the Workshop on Meaningful Measures of Marine Pollution Effects, Pensacola, Florida. April 26-29, 1982, National Oceanic and Atmospheric Administration, Rockville, MD, in press.
- Jenkins, D. K. and D. A. Brown. 1982. Determining the biological significance of contaminant bioaccumulation. Proceedings of the Workshop on Meaningful Measures of Marine Pollution effects. Pensacola, Florida. April 26-29, 1982, National Oceanic and Atmospheric Administration, Rockville, MD, in press.
- Jenkins, K. D., D. A. Brown, P. S. Oshida and J. F. Alfafara. 1982. Metal detoxification in marine organisms: seasonal variations in cytosolic metal distributions. Proceedings of the Biological Effects Workshop, Asilomar, California, March 30-31, 1982. Lawrence Livermore Publications, in press.

- Jenkins, K. D., D. A. Brown, P. S. Oshida, E. M. Perkins. 1982. Cytosolic metal distribution as an indicator of toxicity in sea urchins from the Southern California Bight. Mar. Poll. Bull., in press.
- Jenkins, K. D., D. A. Brown, G. P. Hershelman, and W. C. Meyer. 1982. Contaminants in white croakers *Genyonemus lineatus* (Ayres, 1855) from the Southern California Bight. I. Trace metal detoxification/toxicification. In Physiological Mechanisms of Marine Pollutant Toxicity, Vernberg, W. B., A. Calabrese, F. P. Thurberg, and F. J. Vernberg eds.; Academic Press, New York, in press.
- Mearns, A. J., D. R. Young, R. J. Olson and H. A. Schafer. 1981. Trophic structure and the cesium-potassium ratio in pelagic ecosystems. Calif. Coop. Oceanic Fish. Invest. Rep. 22. pp. 99-110.
- Mearns, A. J. 1981. Ecological effects of ocean sewage outfalls: Observations and lessons. Oceanus, Vol. 24, No. 1, Spring 1981. pp. 45-54.
- Oshida, P. S., T. K. Goochey, and A. J. Mearns. 1981. Effects of municipal wastewater on fertilization, survival and development of the sea urchin, *Stronglocentrotus purpuratus*. In Biological Monitoring of Marine Pollutants. Eds. F. J. Vernberg, A. Calabrese, F. P. Thurberg, and W. B. Vernberg. Academic Press. NY, pp. 389-402.
- Oshida, P. S. and L. S. Word. Bioaccumulation of chromium and its effects on reproduction in *Neanthes arenaceodentata* (Polychaeta). Mar. Env. Res., in press.
- Oshida, P. S., L. S. Word, and A. J. Mearns. 1981. The effects of hexavalent and trivalent chromium on the reproduction of *Neanthes arenaceodentata* (Polychaeta). Mar. Environ. Res. 5: 41-49.
- Perkins, E. M., D. A. Brown, and K. D. Jenkins. 1982. A fifteen month histopathologic study of California mussels from the Southern California Bight. Proceedings of the Biological Effects Workshop. Asilomar, California. March 30-31, 1982. Lawrence Livermore Publications, in press.
- Perkins, E. M., D. A. Brown, and K. D. Jenkins. 1982. Contaminants in white croakers *Genyonemus lineatus* (Ayres, 1855) from the Southern California Bight. III. Histopathology. In Physiological Mechanisms of Marine Pollutant Toxicity, Vernberg, W. B., A. Calabrese, F. P. Thurberg, and F. J. Vernberg eds.; Academic Press, New York, in press.
- Reish, D. J., G. G. Geesey, P. S. Oshida. 1981. Marine and estuarine pollution. J. Wat. Poll. Control Fed. 53: 925-959.
- Thompson, K. A., D. A. Brown, P. M. Chapman, and R. O. Brinkhurst. 1982. Histopathological effects and cadmium-binding protein synthesis in the marine oligochaete, *Monopylephorus cuticulata*, following cadmium exposure. Trans. Am. Microscop. Soc., 101: 10-26.
- Young, D. R., R. W. Gossett, R. B. Baird, D. A. Brown, P. A. Taylor, and M. J. Miille. 1982. Wastewater inputs and marine bioaccumulation of priority pollutant organics off southern California. In Water Chlorination Environmental Report and Health Effect, Vol. 4, Book I, Chemistry and Water Treatment, R. L. Jolly, ed.; Ann Arbor Science Publishers, Inc., Ann Arbor, MI, pp. 871-884.

- Young, D. R., R. W. Gossett, P. A. Taylor, M. J. Miille, B. B. Baird, and D. A. Brown. 1981. Wastewater inputs and marine bioaccumulation of priority pollutant organics of southern California. In Proc. 4th Annual Chlorination Conference, Asilomar, CA. October 1981, in press.
- Young, D. R., T. C. Heesen, R. W. Gossett. Persistence of chlorinated hydrocarbon contamination in a benthic marine ecosystem of southern California. Third International Ocean Disposal Symposium, Woods Hole Institution, Woods Hole, Mass. Oct. 12-16, 1981.
- Young, D. R., A. J. Mearns, T-K. Jan, R. P. Eganhouse. 1981. The cesium-potassium ratio and trace metal biomagnification in two contaminated marine food webs. In Oceanus 81, Conference Record, Vol. 1, IEEE Publ. No. 81CH 1685-7. pp. 570-574.
- Young, D. R., M. D. Moore, T-K. Jan and R. P. Eganhouse. 1981. Metals in seafood organisms near a large California municipal outfall. Mar. Pollut. Bull., Vol. No. 4 134-137.