

PUBLICATIONS

1 January–31 December 2001*

- Blair, N., L. Levin, D. DeMaster, P. Plaia, C. Martin, W. Fornes, C. Thomas, and R. Pope. The Biogeochemistry of carbon in continental slope sediments: the North Carolina margin. In *Organism-sediment interactions*, J. Y. Aller, S. A. Woodin, and R. C. Aller, eds. Belle W. Baruch Library in Marine Science, no. 21, pp. 243–262. Columbia: University of South Carolina Press.
- Bograd, S. J., and R. J. Lynn. Physical-biological coupling in the California Current during the 1997–99 El Niño–La Niña cycle. *Geophys. Res. Lett.* 28(2):275–278.
- Bograd, S. B., T. K. Chereskin, and D. Roemmich. Transport of mass, heat, salt, and nutrients in the southern California Current System: annual cycle and interannual variability. *J. Geophys. Res.*, 106(C5):9255–9275.
- Chen, C., R. C. Beardsley, and P. J. S. Franks. A 3-D prognostic model study of the ecosystem over Georges Bank and adjacent coastal regions. Part I: physical model. *Deep-Sea Res. (II Top. Stud. Oceanogr.)* 48:419–456.
- Childers, J. Summary of the 2000 U.S. north and south Pacific albacore troll fisheries. SWFSC Admin. Rep., La Jolla, LJ-01-05, 42 pp.
- Cudaback, C. N., and J. L. Largier. The cross-shelf structure of wind- and buoyancy-driven circulation over the North Carolina inner shelf. *Continental Shelf Res.* 21(15):1649–1668.
- Cullen, J. J., P. J. S. Franks, D. M. Karl, and A. Longhurst. Physical influences on marine ecosystem dynamics. In *The Sea: ideas and observations on progress in the study of the seas*, A. R. Robinson, J. J. McCarthy, and B. J. Rothschild, eds. Vol. 12, *Biological-physical interactions in the ocean*. New York: John Wiley & Sons.
- D'Sa, E. J., S. E. Lohrenz, J. H. Churchill, V. J. Asper, J. L. Largier, and A. J. Williams III. Chloropigment distribution and transport on the inner shelf off Duck, North Carolina. *J. Geophys. Res.* 106(C6):11581–11596.
- Durazo, R., T. R. Baumgartner, S. J. Bograd, C. A. Collins, S. de la Campa, J. Garcia, G. Gaxiola-Castro, A. Huyer, K. D. Hyrenbach, D. Loya, R. J. Lynn, F. B. Scshwing, R. L. Smith, W. J. Sydeman, and P. Wheeler. The state of the California Current, 2000–2001: a third straight La Niña year. *Calif. Coop. Oceanic Fish. Invest. Rep.* 42:29–60.
- Elgar, S., E. Gallagher, and R. T. Guza. Nearshore sand bar migration. *J. Geophys. Res.* 106:11623–11627.
- Elgar, S., B. Raubenheimer, and R. T. Guza. Current meter performance in the surfzone. *J. Atmos. Ocean Technol.* 18:1735–1746.
- Elgar, S., R. T. Guza, W. C. O'Reilly, B. Raubenheimer, and T. H. C. Herbers. Wave energy and direction observed near a pier. *J. Waterway, Port, Coast., and Ocean Eng.* 127:2–6.
- Ewel, K., C. Cressa, R. Kneib, P. Lake, L. Levin, M. Palmer, and P. Snelgrove. Managing critical transition zones. *Ecosystems* 4:452–460.
- Franks, P. J. S. Phytoplankton blooms in a fluctuating environment: the roles of plankton response time scales and grazing. *J. Plankton Res.* 23:1433–1441.
- . Turbulence avoidance: an alternate explanation of turbulence-enhanced ingestion rates in the field. *Limnol. Oceanogr.* 46:959–963.
- Franks, P. J. S., and C. Chen. A 3-D prognostic model study of the ecosystem over Georges Bank and adjacent coastal regions. Part II, Biological-physical model. *Deep-Sea Res. (II Top. Stud. Oceanogr.)* 48:457–482.
- Franks, P. J. S., and J. S. Jaffe. Microscale distributions of phytoplankton: initial results from a two-dimensional imaging fluorometer, OSST. *Mar. Ecol. Progr. Ser.* 220:59–72.
- Gooday, A. J., J. A. Hughes, L. A. Levin. The foraminiferan macrofauna from three North Carolina (U.S.A.) slope sites with contrasting carbon flux: a comparison with the metazoan macrofauna. *Deep-Sea Res. (I Top. Stud. Oceanogr.)* 48:1709–1739.
- Hobday, A., M. J. Tegner, and P. L. Haaker. Over-exploitation of a broadcast spawning marine invertebrate: decline of the white abalone. *Rev. Fish Bio.* 10:493–514.
- Hunter, J. R., and T. Baumgartner. Trinational sardine forum proceedings. Interim report on the first meeting. SWFSC Admin. Rep., La Jolla, LJ-01-06, 25 pp.
- Karpov, K. A., Tegner, M. J., Rogers-Bennett, L., Kalvass, P., and I. Taniguchi. Interactions among red abalones and sea urchins in fished and reserve sites of northern California: implications of competition to management. *J. Shellfish Res.* 20:743–753.
- Koracin, D., and C. E. Dorman. Marine atmospheric boundary layer divergence and clouds along California in June 1996. *Amer. Meter. Soc., Mon. Weather Rev.* 129:2040–2056.
- Largier, J., and A. Boyd. Drifter observations of surface water transport in the Benguela Current during winter 1999. *S. Afr. J. Mar. Sci.* 97(5–6):223–229.
- Lea, R. N., and R. H. Rosenblatt. 2000. Observations on fishes associated with the 1997–98 El Niño off California. *Calif. Coop. Oceanic Fish. Invest. Rep.* 4:117–129.
- Lea, R. N., E. D. Erikson, K. Boyle, and R. Given. Occurrence of the loose-tooth parrotfish, *Nicholsina denticulata* (Scaridae), from Santa Catalina Island, California. *Bull. S. Calif. Sci.* 100:3.
- Leet, W. S., C. M. Dewees, R. Klingbeil, and E. J. Larson, eds. California's living marine resources: a status report. Calif. Dep. Fish Game, UC Agri. Nat. Res. Publ. SG01-11.
- Levin, L. A., A. J. Gooday, and D. James. Dressing up for the deep: agglutinated protozoans adorn an irregular urchin. *JMBA* 81:881–882.
- Levin, L. A., D. F. Boesch, A. Covich, C. Dahm, C. Erseus, K. Ewel, R. Kneib, A. Moldenke, M. Palmer, P. Snelgrove, D. Strayer, and J. Weslawski. The role of sediment biodiversity in the function of marine critical transition zones. *Ecosystems* 4:430–451.
- Levin, L. A., R. J. Etter, M. A. Rex, A. J. Gooday, C. R. Smith, J. Pineda, C. T. Stuart, R. R. Hessler, and D. Pawson. Environmental influences on regional deep-sea species diversity. *Ann. Rev. Ecol. Syst.* 132:51–93.
- Lo, N. C. H. Daily egg production and spawning biomass of Pacific sardine (*Sardinops sagax*) off California in 2001. SWFSC Admin. Rep., La Jolla, LJ-01-08 32 pp.
- Lo, N. C. H., J. R. Hunter, and R. Charter. Use of a continuous egg sampler for ichthyoplankton surveys: application to the estimation of daily egg production of Pacific sardine (*Sardinops sagax*) off California. *Fish. Bull.*, U.S., 99:554–571.
- Logerwell, E. A. Metabolic rate of California Pacific sardine estimated from energy losses during starvation. *Tran. Amer. Fish. Soc.* 130:526–530.
- Logerwell, E. A., and P. E. Smith. GIS mapping of survivors' habitat of pelagic fish off California. In *Proceedings of the first international symposium on geographic information systems (GIS) in fishery science*, T. Nishida, P. J. Kailola, and C. E. Hollingworth, eds. Saitama, Japan: Fishery GIS Research Group. Pp. 51–64.
- . Mesoscale eddies and survival of late stage Pacific sardine (*Sardinops sagax*) larvae. *Fish. Oceanogr.* 10(1):13–25.
- Logerwell, E. A., B. Lavanegos, and P. E. Smith. Spatially explicit bioenergetics of Pacific sardine in the Southern California Bight: are mesoscale eddies areas of exceptional prerecruit production? In *Beyond El Niño*, F. Chavez, ed. *Prog. Oceanogr.* 49:391–406.
- Lucas, R., F. Santiago-Mandujano, F. Bingham, and A. Mantyla. Cold bottom water events observed in the Hawaii ocean time-series: implications for vertical mixing. *Deep-Sea Res. (I Oceanogr. Res. Pap.)* 48:995–1021.
- MacNair, L. S., L. M. Domeier, and C. S. Y. Chun. Age, growth, and mortality of California halibut, *Paralichthys californicus*, along southern and central California. *Fish. Bull.* 99:588–600.
- Moore, J. D., G. N. Cherr, and C. S. Friedman. Detection of *Candidatus Xenohaliotis californiensis* (Rickettsiales-like prokaryote) inclusions in tissue squashes of abalone (*Haliotis* spp.) gastrointestinal epithelium using a nucleic acid fluorochrome. *Dis. Aquat. Org.* 46:147–152.
- Moore, J. D., T. T. Robbins, R. P. Hedrick, and C. S. Friedman. Transmission of the Rickettsiales-like prokaryote, *Candidatus Xenohaliotis californiensis*, and its role in withering syndrome of California abalone *Haliotis* spp. *J. Shellf. Res.* 20:867–874.
- Moser, H. G., R. L. Charter, P. E. Smith, D. A. Ambrose, W. Watson, S. R. Charter, and E. M. Sandknop. Distributional atlas of fish larvae and eggs in the Southern California Bight region: 1951–1998. *Calif. Coop. Oceanic Fish. Invest. Atlas* 34, 166 pp.
- Moser, H. G., R. L. Charter, W. Watson, D. A. Ambrose, K. T. Hill, P. E. Smith, J. L. Butler, E. M. Sandknop, and S. R. Charter. The CalCOFI

*Unless otherwise noted.

- Ichthyoplankton time series: potential contributions to the management of rocky-shore fishes. Calif. Coop. Oceanic Fish. Invest. Rep. 42:112–128.
- Neira, C., J. Sellanes, L. A. Levin, and W. A. Arntz. Meiofaunal distributions on the Peru margin: relationship to oxygen and organic matter availability. Deep-Sea Res. (I Oceanogr. Res. Pap.) 48(11):2453–2472.
- Nelson, J. S., E. A. Crossman, H. Espinosa-Perez, L. Findley, C. R. Gilbert, R. N. Lea, and J. D. Williams. *Ceratichthys micropogon* Cope, 1865 (currently *Nocomis micropogon*; Osteichthys, Cyprinidae): proposed conservation of the specific name by designation of a neotype. Case 3162, Bull. Zool. Nom.
- . *Holacanthus ciliaris* var. *bermudensis* Goode, 1876 (currently *Holacanthus bermudensis*; Osteichthys, Perciformes, Pomacanthidae): proposed conservation of the specific name by designation of a neotype. Case 3163, Bull. Zool. Nom.
- . Recommended change in the common name for a marine fish: goliath grouper to replace jewfish (*Epinephelus itajara*). Fisheries 26:31.
- Noyes, T. J., R. T. Guza, S. Elgar, and T. H. C. Herbers. Comparison of methods for estimating nearshore shear wave variance. J. Atmos. Ocean Technol. 19:136–143.
- Ohman, M. D. A perspective on international cooperation in science. In Proceedings of EuroOCEAN 2000: the European conference on marine science and ocean technology, K.-G. Karthel, C. Lecherf, M. Catizzone, M. Cornaert, A. Edwards, T. Fairely, C. Fragakis, D. Levieil, E. Lipiatou, P. Martin, G. Ollier, L. d’Ozovville, and W. Schrimpoft, eds. Luxembourg: European Commission, Directorate-General for Research. Pp. 99–105.
- Ohman, M. D., and H. -J. Hirche. Density-dependent mortality in an oceanic copepod population. Nature 412:638–641.
- Prete, A., S. E. Smith, and D. A. Ramon. Feeding habits of the common thresher shark (*Alopias vulpinus*) sampled from the California-based drift gill net fishery, 1998–99. Calif. Coop. Oceanic Fish. Invest. Rep. 42:145–152.
- Pringle, J. M., and P. J. S. Franks. Asymmetric mixing transport: a horizontal transport mechanism for sinking plankton and sediment in tidal flows. Limnology and Oceanography 46:381–391.
- Raubenheimer, B., R. T. Guza, and S. Elgar. Field observations of setdown and setup. J. Geophys. Res. 106:4629–4638.
- Rogers-Bennett, L. Evaluating stocking as an enhancement strategy for red sea urchins, *Strongylocentrotus franciscanus*: depth-specific patterns in recov-
- eries. In Echinoderms 2000: 10th international echinoderm conference, Rotterdam, M. Barker and A. A. Balkema, eds., pp. 527–531.
- Rogers-Bennett, L., ed. Review of some California fisheries for 2000: Market squid, sea urchin, prawn, white abalone, groundfish, ocean salmon, Pacific sardine, Pacific herring, Pacific mackerel, nearshore live-fish, halibut, yellowfin tuna, white seabass, and kelp. Calif. Coop. Oceanic Fish. Invest. Rep. 42:12–28
- Rogers-Bennett, L., and J. S. Pearse. Indirect benefits of marine protected areas for juvenile abalone. Conserv. Biol. 15:642–647.
- Ruessink, B. G., J. R. Miles, F. Feddersen, R. T. Guza, and S. Elgar. Modeling the alongshore current on barred beaches. J. Geophys. Res. 106:22, 451–463.
- Ryan, C., D. Wilson-Vandenberg, and M. Weber. The nearshore finfish fishery and the future. Outdoor California 62:7–12.
- Simpson, J. J., G. L. Hufford, D. Pieri, and J. S. Berg. Response to Comments on failures in detecting volcanic ash from a satellite-based technique. Remote Sens. Environ. 78:347–357.
- Simpson, J. J., T. J. McIntire, J. R. Stitt, and G. L. Hufford. Improved cloud detection in AVHRR daytime and nighttime scenes over the ocean. Int. J. Remote Sens. 22:2585–2615.
- Smith, P. E., J. K. Horne, and D. C. Schneider. Spatial dynamics of anchovy, sardine, and hake pre-recruit stages in the California Current. ICES J. Mar. Sci. 58:1063–1071.
- Talley, T. S., and L. A. Levin. Modification of sediments and macrofauna by an invasive marsh plant. Biol. Invasions 3 (1):51–68.
- Talley, T. S., J. A. Crooks, and L. A. Levin. Habitat utilization and alteration by the burrowing isopod, *Sphaeroma quoyanum*, in California salt marshes. Mar. Biology 138:561–573.
- Tegner, M. J., P. L. Haaker, K. L. Riser, and L. I Vilchis. Climate variability, kelp forests, and the southern California red abalone fishery. J. Shellfish. Res. 20:755–763.
- Veisze, P., and K. Karpov. 2002. Geopositioning a remotely operated vehicle for marine species and habitat analysis. In Undersea with GIS, D. J. Wright, ed. Redlands, Calif.: ESRI Press. Pp. 105–115.
- Yoklavich, M. M., H. G. Greene, G. M. Cailliet, D. E. Sullivan, R. N. Lea, and M. S. Love. Habitat associations of deep-water rockfishes in a submarine canyon: an example of a natural refuge. Fish. Bull. 98:625–641.