

Bibliography and Literature Database, Ecology of the Southern California Bight

L. Allen et al., authors; Murray D. Dailey et al., editors
Murray D. Dailey, project manager; Gary Brewer, contracting officer's
technical representative
Ocean Studies Institute, California State University Long Beach, 1989

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This bibliography on the ecology of the Southern California Bight presents 6,768 references on the Bight and relevant literature from the west coast of North America. It also includes useful references from other well-studied bights and ecosystems. This Bibliography was originally published as cited above. This bibliography was done under contract for the US Department of the Interior Minerals Management Service Pacific Outer Continental Shelf Region and comprises much of the literature cited by the chapters in: Ecology of the Southern California Bight, a Synthesis and Interpretation MD Dailey et al. Berkeley, CA: University of California Press, 1993.

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industrial wastes domestic Wastes sediment pollution
pollution effects marine organisms marine fish marine
invertebrates cadmium zinc copper California Southern
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populations, california. reproduction. asexual
reproduction. life cycle & development. development.
growth. evolution. evolutionary adaptation. reproduction,
growth & size, intertidal & submerged populations,
california. habitat. marine habitat. marine benthic zone.
intertidal zone. asexual reproduction, growth & size
adaptations, california. sublittoral zone. harbour floats,

reproduction, growth & size adaptations, california. man
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eganhouse reish

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yeast-like; cell; micro; flora; cell mounting; staining;
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status, methods; developmental biology: general morphogenesis;
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WATER-POLLUTION. ABUNDANCE. SPATIAL-DISTRIBUTION.
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embiotocae new species Sebastes semicinctus Sebastes miniatus
Sebastes dallii Embiotoca jacksoni Rhacochilus vacca
Phanerodon furcatus Genyonemus lineatus Citharichthys
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 CORMORANTS MURRE SURVIVAL; birds anthropogenic
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 baetis euparyphus blepharicera cricotopus simulium
 rheotanytarsus micrasema tinodes rhyacophila ochrotrichia
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spermatophytes bray kelp beds demography terrestrial
ecosystems comparative studies murray

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island california waste impact thompson

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population study. population dynamics. population density.
survival. predators, stacking behaviour relationship,
intertidal zone, california. habitat. marine habitat.
marine benthic zone. intertidal zone. stacking behaviour,
underlying mechanisms, california. distribution within
habitat. stacking behaviour, underlying mechanisms,
intertidal zone, california. behaviour. avoidance
behaviour. stacking role as antipredator strategy,
intertidal zone, california. social behaviour. pacific
ocean. northern pacific. california, santa cruz island.
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introduction physical oceanography transport california santa
barbara channel marine transport turbidity currents suspended
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Hickey

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Caribbean Sea Atlantic Ocean West Pacific Ocean South Ross
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matter, seawater chemistry, chemical analysis, ecosystem

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Descriptors: Fishes; NPS; zoology; vertebrates; distribution;
keys

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 Descriptors: 85-03835 fish, reefs; kelp beds; Embiotocidae; population density; habitat California; Bray; Murray; Algae and spermatophytes. marine spermatophytes TEXT
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W.S. / D.M. Power / The California Islands: Proceedings of a
Multidisciplinary Symposium : 403-431 pp , 1980a . Santa Barbara
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Descriptors: behavior, habitat, distribution, community,
fish; Cross, kelp bass, Paralabrax clathratus, lingcod,
Ophiodon elongatus, rockfish, Sebastes spp. densities
diversity abundance seasonal variation text
- Annual variability of reef-fish assemblages in kelp forests off Santa
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Descriptors: Paralabrax clathratus, kelp bass, population
trends, habitat, distribution, fish; Cross Santa Cruz Is.
fishes ecology evolution kelp reefs algae spermatophytes
annual variations Macrocystis pyrifera marine spermatophytes
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feeding, habitat, fish; invertebrates;
hard; kelp; disturbance text algae marine spermatophytes
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Barbara mainland
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salinity, oxygen and sigma-t at 23 CalCOFI stations in the California
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Descriptors: animal migrations. chemical oceanography.
California Current. Dissolved gases. minnows.
reproduction biology physical oceanography
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Descriptors: Nutrients (mineral)
algal blooms North Sea Fladen Ground vertical
distribution organic suspended matter thermal stratification
seasonal variations grazing; ecosystem;

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Descriptors: anthropogenic

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Descriptors: Fishes; NPS; zoology; vertebrates; bluespot
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GROWTH algae marine spermatophytes

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Descriptors: invertebrates INTER; HARD; JETTY

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RECRUITMENT;

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Descriptors: strongylocentrotus-purpuratus
recruitment upwelling cold water plume topography frequency

distribution sampling california oregon. ecology: animal;
mathematical biology/statistical methods; ecology:
oceanography; reproductive system: general studies; methods
temperature: thermoadaptation developmental biology: general
morphogenesis; soil science: general studies, methods
invertebrate morphology/physiology/pathology: echinodermata
general field methods; external effects: cold; echinoidea;

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Descriptors: juvenile body size habitat acclimation
survivorship enhancement methodology fishery biology;
ecology: aquatic wildlife management general field methods
ecology: oceanography anatomy/histology: gross; developmental
biology: general morphogenesis invertebrate
morphology/physiology/pathology: mollusca; gastropoda

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Descriptors: governance; text

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surfperch

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Descriptors: anthropogenic, chemical oceanography

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Descriptors: mammals, birds, anthropogenic

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OCS Study MMS 85-0015 / ECOS Management Criteria, Inc., // Prep.
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Descriptors:

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/ Edenborn, H.M.; Litchfield, C.D. // Mar. Biol. (Berl.) . 95(
3): 459-468. pp , 1987 .

Descriptors: 3 4 Heterotrophic bacteria phytoplankton
estuarine runoff primary productivity water temperature
seasonality ecology: oceanography;
bioclimatology, biometeorology; plant; metabolism: general
metabolism; metabolic pathways metabolism: energy and
respiratory metabolism bacteriology: general, taxonomic
studies bacteria: physiology, biochemistry; ecology:
oceanography, limnology biochemical studies: general; external
effects: temperature bacteria; algae; Hood; ecology

The present perspective of edge waves and coastal dynamics / Edge,
B.L.; Pirie, D.M. // Proceedings of Civil Engineering in the Oceans,
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Descriptors: engineering geology; United
States ; shorelines ; coastal management; hydrodynamics;
erosion; effects; edge waves; topography; cusp; geophysical
methods; remote sensing; coastal; east; North Carolina; Cape
Hatteras; Florida; west; California; Seal Beach; Laguna; Moss
Landing; physical oceanography

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/
Edmonds, F.A. // Estuaries . 27 : 1-22 pp , 1981 .

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stationary nets in Newport Bay, California, July, 1979 / Edmonds,
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Descriptors:

Effects of non-randomness on line transect estimates of dolphin school abundance. SWFC Adm. Rep. LJ-88-25 / Edwards, E.F.; Kleiber, P.M. // NOAA, Natl. Mar. Fish. Serv., Southwest Fish. Center, La Jolla, CA : 17 pp , 1988 .

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Descriptors: ALGAE, MARINE SPERMATOPHYTES

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Descriptors: ALGAE, MARINE SPERMATOPHYTES

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Descriptors: BENTHIC INVERTEBRATES

Final environmental impact report for the primary waste water treatment system, Star-kist Foods, Inc. / EFS // Prep. for Los Angeles Harbor Department : 326 pp , 1974 . EFS, Los Angeles, CA .
Descriptors: anthropogenic, physical oceanography, chemical oceanography, invertebrates, zooplankton, phytoplankton

Hydrocarbons, free fatty acids and stable nitrogen isotopes in sewage effluent, outfall sediments and flocculents / Eganhouse, R.P. // Annu. Rep. to U. S. Dep. of Energy, Bureau of Land Management, Contract No. EY-76-3-03-0034 : 39 pp , 1978 .
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Dynamics of lipid transport to the ocean via urban stormwater runoff and the search for a sewage-specific lipid tracer / Eganhouse, R.P. // Annu. Rep. to U. S. Dep. of Energy, Bureau of Land Management, Contract No. EY-76-3-03-0034 : 20 pp , 1979 .
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Descriptors: chemical oceanography, ANTHROPOGENIC INPUTS
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Descriptors: anthropogenic inputs, text, chemical oceanography, oil pollution,
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Descriptors: Southern California ; Pacific Ocean sediments environmental geology composition pollution pollutants indicators alpha -Tocopheryl acetate sewage United States synthetic materials waste water waste disposal marine sediments ANTHROPOGENIC chemical oceanography
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Descriptors:. depositional environment organic content composition sediment chronology wastewater outfall marker compound two-source mixing model; toxicology: environmental, industrial; ecology: oceanography; biochemical studies: minerals environmental health: air,water, soil pollution soil science: genesis, morphology, classification; soil science: physics, chemistry; general field methods; radiation biology: radiation,isotope techniques text chemical oceanography,
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Monica Bay ammonium ocean water; phytoplankton; zooplankton;
light; biological effects; waters; coastal; algae and
spermatophytes; ecosystem interrelationships

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CALIFORNIA. NITRATE COASTAL WATER NITRATES: OCCURRENCE.
WATERS: OCEAN-COASTAL. ALGAE AND SPERMATOPHYTES. Bray;
Murray. chemical oceanography text 3 eganhouse venkatesan

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U. // *J. Plankton Res.* . 7(1): 57-70 pp , 1985 .

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primary production remote sensing chlorophylls hardy
phytoplankton insulation pelagic ecosystem algae

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management. ecology: aquatic wildlife management general
field methods behavior biology: animal behavior chordate
taxonomy: mammalia general biology: conservation, resource
management mathematical biology/statistical methods behavior
biology: human behavior ecology: oceanography mustelidae

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Descriptors: phytoplankton California Current diatoms
dinoflagellates Chrysophyta Pyrrophyta

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supply to the size of the planktonic copepod *Temora longicornis*
Mueller in the North Sea. / Evans, F. // Estuar. Coast. Shelf
Sci. . 13(2): 145-158 pp , 1981 .
Descriptors: body size; seasonal
variations; food availability; temperature effects; food
organisms; zooplankton North Sea; ecosystem;
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AQUATIC-ANIMALS. DIVING. RADIO-TRANSMITTERS. ENVIRONMENTS.

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Descriptors: population number;
geographical distribution; aquatic mammals; check lists;
Lutra canadensis pacifica; *Phoca vitulina richardsi*; *Zalophus*
californianus; *Eumetopias jubatus*; *Balaenoptera*
acutorostrata; *Phocoenoides dallii*; *Phocoena phocoena*;
Orcinus orca; zooplankton;

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dysaerobic, text, fish, california, bathyal, basin,

Thermal behavioral responses of selected California littoral fishes /
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californicus

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Descriptors: ecosystem interrelationships charts oceanographic data hickey physical oceanography atlases water temperature salinity oxygen sigma-t

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Descriptors: 1404029 114-04029; 214-01393 suspended particulate matter; organic carbon; river discharge; Germany, Rhine R.; ecosystem interrelationships text 15

Common wetland plants of coastal California / Faber, P.M. // . : 111 pp , 1982 . Pickleweed Press, Mill Valley, CA .

Descriptors: algae and spermatophytes

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Descriptors: Community, artificial reef, recruitment, feeding, behavior, fish;

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Descriptors: ALGAE, MARINE SPERMATOPHYTES

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Descriptors: Atlantic Ocean; Atlantic Coastal Plain; oxygen; ecosystem; isotopes oceanography; continental slope; ocean circulation; continental shelf; O-18/O-16; North American Atlantic; Gulf of Maine; New York Bight; North America; ratios; tracers; data; temperature; seasonal variations; ecosystem;

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Descriptors: chemical oceanography

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Descriptors: ecosystem interrelationships

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Descriptors: anoxic conditions;

oxygen depletion; pollution surveys; oceanographic surveys; ecosystem interrelationships text 15 Ceratium tripos; runoff; temperature effects; wind stres; biological phenomena; Algae; summer; water mixing; algal blooms; New York Bight; USA; New York; environmental conditions; coastal waters; Hood; ecology

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Descriptors: mammals

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Descriptors: Phytoplankton

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Descriptors: egg embryo larval shell growth

oviposition planktotrophy seasonality; baja california mexico. invertebrate taxonomy: mollusca; ecology: animal; anatomy/histology: micro and ultramicroscopic anatomy reproductive system: general studies; methods developmental biology: general, descriptive developmental biology: general morphogenesis invertebrate morphology/physiology/pathology: mollusca circadian rhythm and other periodic cycles ecology: bioclimatology, biometeorology ecology: oceanography invertebrate body regions: hard parts; gastropoda

Maximal two-layer exchange over a sill and through the combination of a sill and contraction with barotropic flow / Farmer, D.M.; Armi, L. // J. Fluid Mech. . 164 : 53-76 pp , 1986 .

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Descriptors: fish

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Descriptors: invertebrates INTER; SOFT; ESTUARY;

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Descriptors: algae invertebrate tank design display
technique. ecology: aquatic wildlife management general
biology: museums,gardens,aquaria ecology: oceanography
invertebrate morphology/physiology/pathology: general studies
general laboratory methods general laboratory apparatus
external effects: physical,mechanical effects algae:
unspecified invertebrata: unspecified

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Descriptors: BENTHIC INVERTEBRATES

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Descriptors:

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Descriptors:

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ornata / Fauchald, K.; Emerson, R. // Am. Zool. . 15(3): 789
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California; metamorphosis; sediment; selection; tissue
extract; adult; benthic; polychaete; *Diopatra ornata*.

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Descriptors:

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K.; Jumars, P.A. // Oceanogr. Mar. Biol. Ann. Rev. . 17 :

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Descriptors: diet; worms; polychaete; feeding

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Blake, G. // Prep. for Bureau of Land Management, Washington, DC.
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Descriptors: PB83-149799. 8300. crude oil. ecology.
marine biology. water pollution. metals southern california
bight. continental shelves. crustacea. mollusca.
echinodermata. annelida. abundance. hydrocarbons.
environmental impacts. tables data. sites. Thompson.
invertebrates. outer continental shelves. baseline studies.
species diversity. zooplankton; chemical oceanography;

Proceedings of a forum on recreational access to the coastal zone /
Fawcett, J.A., ed. // . : pp , March 1979 . Univ. South. Calif.,
Sea Grant Program, Los Angeles, CA .

Descriptors: governance, anthropogenic

Resource management by regulation: Coastal development permits in the
California coastal zone / Fawcett, J.A.; Katz, B.A. // Available
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Descriptors: coastal zone management.
california. licenses. regulations. flow charts.
governance; sea grant program. ntiscomnoa.

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facilities. coasts. meetings. policies. right of way
acquisition. availability. cost analysis. shores.
highways. governance.

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Michael, E.D.; Vallee, J.A.; Anderson, G.B. // . : 76 pp , 1973 .
Center for Calif. Public Affairs, Claremont, CA .

Descriptors: algae and spermatophytes, physical oceanography

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Descriptors: Microbiology

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Descriptors: California Coast; Channel Islands; Ascidiacea; Tunicata; Keys; Abundance; Distribution; Habitats; invertebrates Cortez Bank; Coronado Islands; sea squirts; invertebrates sub hard community inter kelp

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An analysis of fish catches obtained with an otter trawl in Santa Monica Bay, 1969-1973 / Fay, R.C.; Vallee, J.A.; Brophy, P. // Calif. Fish Game . 64(2): 104-116 pp , 1978 .

Descriptors: fish;

Observations on fishes associated with kelp beds in southern California / Feder, H.M.; Turner, C.H.; Limbaugh, C. // Calif. Dep. Fish Game Fish Bull. No. 160 : 144 pp , 1974 .

Descriptors: FISH

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Descriptors: chemical analysis caribbean sea bottom waters advection eddy diffusion suspended particles nepheloid layers light scattering gulf of mexico; ecosystem

Major-element composition of the particulate matter in the near-bottom nepheloid layer of the Gulf of Mexico / Feely, R.A. // Mar. Chem. . 3(2): 121-156 pp , June 1975 .

Descriptors: major-element composition of the particulate matter in the near-bottom nepheloid layer of the gulf of mexico. particulate matter nepheloid layers suspended matter seawater chemistry gulf of mexico chemical analysis caribbean sea r/v alaminos; ecosystem

The distribution and elemental composition of suspended particulate matter in Norton Sound and the northeastern Bering Sea Shelf; implications for Mn and Zn recycling in coastal waters / Feely, R.A.; Massoth, G.J.; Paulson, A.J. / D.W. Hood; J.A. Calder / The Eastern Bering Sea Shelf; Oceanography and Resources; Vol. 1 . : 321-337 pp , 1980 . U.S. Natl. Ocean. Adm., Off. Mar. Pollution, Washington, DC .

Descriptors: Alaska; sediments; geochemistry; manganese; ecosystem; zinc; sedimentation; oceanography; processes; transport; continental shelf; trace elements; precipitation; marine transport; United States; composition; chemical composition; nearshore sedimentation; Bering Sea; Pacific Ocean; Norton Sound; suspension; provenance; phase changes; Yukon River; abundance; distribution; organic materials

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Descriptors: ecosystem interrelationships

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Descriptors: Schroeter invertebrates INTER; HARD;

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oceanography transport ocean circulation marine transport
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Point Pacific Ocean Northeast Pacific offshore fine-grained
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ACOUSTIC-DATA. INTENSITY. PEAK-VALUES. BIOACOUSTICS.
SOURCES. RANGE-DISTANCE. AMBIENT-NOISE.
ACOUSTIC-MEASUREMENT. SONOBUOYS. BROADBAND.
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population aquaculture geographic distribution Baja
California Mexico oregon mission bay agua hedionda lagoon.
invertebrate taxonomy: crustacea . ecology:

oceanography, limnology . ecology: aquatic wildlife
management movement; reproductive system: general
studies; methods animal distribution/zoogeography invertebrate
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nereocystis-luetkeana rhodophyta understory ground cover
surface canopy colonization substrate california
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botany: algae plant physiology/biochemistry/biophysics:
growth,differentiation soil science:
genesis,morphology,classification external effects:
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pollution, estuarine sedimentation, provenance, San Mateo

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States; Southern California; continental borderland; seismic
surveys; high-resolution methods; Seabeam; North American
Pacific; active faults strike-slip faults; shear zones; San
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planar bedding structures bathymetry Carmen Basin Farallon
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Descriptors: PB-300-350-6. 7900. crude oil. ecology.
marine biology. oil pollution. southern california bight.
; algae; murray; continental shelves.
hydrocarbons. intertidal zone. sediments. metals. trace
elements. environmental impacts. acidity. distribution
property. concentration composition. aquatic animals.
coasts. California. gas chromatography. marine
microorganisms. algae and spermatophytes; eganhouse;
chemical oceanography

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Descriptors: crude oil. ecology. marine biology. water
pollution. Southern California Bight. chemical
oceanography. continental shelves. hydrocarbons. natural
gas. intertidal zone. environmental impacts. tables data.
benthos. sampling. invertebrates. sediments. collecting
methods. calcium carbonates. abundance. distribution
property. California. chemical oceanography, anthropogenic,
eganhouse, anderson

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III (principal investigator work element reports). Report section
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oceanography. rocky intertidal

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pollution. Southern California Bight. chemical
oceanography. continental shelves. hydrocarbons.
intertidal zone. invertebrates. metals. trace elements.
environmental impacts. acidity. distribution property.

floods. concentration composition. atomic spectroscopy.
neutron activation analysis. aquatic animals. California.
Corona Del Mar.

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Sediments, Physical Oceanography and Trace Metals. Vol. III.
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III. Principal investigators' reports, report sections 1.1.14-
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Descriptors: crude oil. ecology. marine biology. oil
pollution. southern California. chemical
oceanography. continental shelves. hydrocarbons.
intertidal zone. sediments. metals. trace elements.
environmental impacts. acidity. distribution property.
north Cortes Bank. concentration composition. atomic
spectroscopy. neutron activation analysis. aquatic animals.
coasts; California; algae and spermatophytes;

Intertidal study of the Southern California Bight, 1976/1977. Volume
III. Principal investigators' reports, report sections 2.1 and 2.2.
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Descriptors: crude-oil. ecology. marine biology. oil
pollution. Southern California Bight. chemical
oceanography. continental shelves. hydrocarbons.
intertidal zone. sediments. metals. trace elements.
environmental impact. acidity. distribution property.
sulfur. concentration composition. aquatic animals.
coasts. California. gas chromatography. saponification.
thin layer chromatography. algae and Spermatophytes;
Murray

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PB-80-1433779;

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Descriptors: chemical analysis; eganhouse; chemica;
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Descriptors: marine biology, ecology, water pollution, Southern California Bight, surveys, aquatic plants, aquatic animals, environmental impacts, metals, sediments, mussels, hydrocarbons, crude oil, invertebrates, abundance, distribution

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Descriptors: crude oil. marine biology. ecology. water pollution. Southern California Bight. Thompson. Invertebrates surveys. taxonomy. annelida. mollusca. arthropoda. echinodermata. populations. abundance. seasonal variations. sites. distribution property. Eganhouse chemical oceanography Peiper zooplankton

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/ Science Applications,, Inc. // County Sanitation Districts of
Orange

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1.2, 1.3, 1.4. / Science Applications,, Inc. // Available from:

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Descriptors: PB-300-348-0. 7900. crude oil. ecology.
marine biology. oil pollution. southern california bight.
invertebrates. continental shelves. hydrocarbons.
intertidal zone. mussels. metals. trace elements.
environmental impact. distribution property. crustacea.
concentration composition. atomic spectroscopy. neutron
activation analysis. aquatic animals. coasts. california.
mollusca. invertebrates; outer continental
shelves. baseline studies. habitats. mytilus

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study, 1976/1977 (second year) benthic program. Volume IV. Data
reports, series 1, reports 1-17 / Science Applications,, Inc. //
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Descriptors: crude oil. marine biology. ecology. water
pollution. Southern California Bight. chemical
oceanography. surveys. hydrocarbons. sediments.
geochemistry. metals. oceanographic data. aquatic animals.
marine fishes. shellfish. abundance. biomass.
environmental impacts. offshore drilling. gas
chromatography. tables data. graphs charts. benthic
control; pollution; thompson; invertebrates; fish; geological
sediments; marine bight; hydrocarbons; biological studies;
water pollution;

Southern California outer continental shelf environmental baseline
study, 1976/1977 (second year) benthic program. Volume III.
Methodology reports / Science Applications,, Inc. // Prep. for
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Descriptors: crude oil. marine biology. geochemistry.
water pollution. Southern California Bight. Eganhouse.
chemical oceanography. surveys. hydrocarbons. sediments.
metals. trace elements. aquatic animals. marine fishes.
abundance. environmental impacts. cores. geochronology.
offshore drilling. atomic spectroscopy. ecology. tables
data; continental shelf; benthic; pollution; thompson;
invertebrates; fish; geological sediments; marine bight;
hydrocarbons; metals; suspensions; water pollution;

Southern California outer continental shelf environmental baseline study, 1976/1977 (second year) benthic program. Volume II.
Principal investigators' reports, series 2, report 18-24 / Science Applications,, Inc. // Prep. for Bureau of Land Management. Available from: NTIS, Springfield, VA; PB80-166101 : 720 pp , 1979 . Science Applications, Inc.,La Jolla, CA .
Descriptors: crude oil. marine biology. marine geology. water pollution. Southern California Bight. Eganhouse. chemical oceanography. surveys. hydrocarbons. sediments. oil pollution. metals. geochemistry. cores. geochronology. aquatic animals. marine fishes. environmental impacts. offshore drilling. abundance. biomass. tables data; thompson; invertebrates; fish; continental shelf; pollution; benthic

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Descriptors: invertebrates INTER; HARD; SOFT;
PB-80-14373;

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Descriptors: invertebrates INTER; HARD; SOFT;
PB-300-344-9; eganhouse chemical oceanography reish

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Descriptors: , El Nino, Text
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sediments. bioassay. crustacea. mortality. water quality.
ecological succession. larvae. metals. california.
anthropogenic inputs. anderson. reish text Eganhouse;
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nutrients. population depletion. terminal island treatment
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animal distribution/zoogeography; general biology:
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