



MASTERS OF SCIENCE DEGREES

*DEGREES AWARDED BY THE DEPARTMENT/COLLEGE OF MARINE SCIENCE,
UNIVERSITY OF SOUTH FLORIDA
(Through December 2008)*

2008

Fall 2008

ANDERSON, Kelley

Can Waters around Durney Key, Pasco County, FL Support Coral Recruitment to Artificial Substrates?

DOW, Ian

Epifaunal Assemblage of a Newly Established Oyster Reef with Two Substrates

HUDSON, Erica

Determining the Usefulness of Aerobic and Anaerobic Enzyme Assays as Proxies for Rockfish Ecological Data

Summer 2008

BAKER, Rebekah

Distribution Patterns of Larger Symbiont-Bearing Foraminifera of the Florida Reef Tract, USA

CULLINS, Tammy

Antifreeze Proteins in Pelagic Fishes from Marquerite Bay (Western Antarctica)

DIETZ, Marianne

Investigating Environmental Change due to Hypoxic Conditions on the Louisiana Continental Shelf: A Geochemical Approach

FLANNERY, Jennifer

A 1400 Year Multi-Proxy Record of Hydrologic Variability in the Gulf of Mexico: Exploring Ocean-Continent Linkages during the Late Holocene

RAMIREZ, Alexa

Patch Reefs in Biscayne National Park, FL: Sediments, Foraminiferal Distributions, and a Comparison of Three Biotic Indicators of Reef Health

SYMONDS, Erin

Viruses in Raw Sewage and Their Potential to Mark Fecal Pollution in Coastal Environments

WHITAKER, Jessica

Orbital - to Millennial-Scale Variability in Gulf Of Mexico Sea Surface Temperature and Salinity during the Late Pleistocene

Spring 2008

ATWOOD, Karen

Brevetoxin Body Burdens in Seabirds of Southwest Florida

MAUPIN, Christopher

Extracting a Climate Signal from the Skeletal Geochemistry of the Caribbean Coral *Siderastrea siderea*

SOPKIN, Kristin

Heat Fluxes in Tampa Bay, FL

2007

DUNN, Shane

Acoustic Sediment Classification of Benthic Habitats in Tampa Bay

VAN DEVENTER, Michelle

Brevetoxins in Marine Birds: Evidence of Trophic Transfer and the Role of Prey Fish as Toxin Vector

MOBBERLEY, Jennifer

Molecular and Genomic Studies of Temperate Phages from *Halomonas aquamarina* And *Bacillus* spp. isolates from the Gulf of Mexico

BAILEY, Kathryn

The Use of Microarrays in the Detection of the Gene Expression of Ribulose-1,5-Biphosphate Carboxylase/Oxygenase (Rubisco) in the Marine Environment

LINVILLE, Amanda

Bathymetric Alterations due to Urbanization and their Effect on Salinity, Flow Field, and

Transport Time for Tampa Bay, FL

SALEEM, Shihadah

Geomorphology of Submarine Springs West of Fort Myers, FL

DE LA PAZ, Lucia

Changes in the Abundance and Distribution of Humpback Whales, *Megaptera novaeangliae*, in Hervey Bay Marine Park, Australia, Based on Aerial Surveys Conducted in 1992 and 2004

CIEMBRONOWICZ, Kate

The Relationship of the Initial Flooding Depositional Facies to Global Sea Level and Climate on the Marion Plateau, NE Australia (ODP Leg 194)

RATHMELL, Katie

The Influence of the Loop Current on the Diversity, Abundance, and Distribution of Zooplankton in the Gulf of Mexico

RICHEY, Julie

A 1400-Year Multi-Proxy Record of Climate Variability from The Northern Gulf Of Mexico

STAIR, Kristine

Assessing the Reproducibility of Skeletal Geochemistry Records in Atlantic Corals Using *Montastraea annularis* Heads from the Dry Tortugas, Florida

WILSON, Monica

Effects of Extreme Events on Residual Circulation for Tampa Bay, Florida

2006

AULT, Danylle

Temporal and Spatial Distribution of Chlorophyll on the West Florida Shelf

CAESAR, Nicole

An Evaluation of the Along Track Reef Imaging System (Atris) for Efficient Reef Monitoring and Rapid Groundtruthing of Eairl Lidar

CROSS, Eric

Hydrogen Isotopic Ratios of Algal and Terrestrial Organic Matter in Lake Tulane, FL: From a Modern Calibration to the Reconstruction of Paeloclimatic and Paleohydrologic Conditions

DELONG, Kristine

Reconstructing 20th Century SST Variability in the Southwest Pacific: A Replication Study Using Multiple Coral Sr/Ca Records from New Caledonia

GAYDOS, Dana

Modeling the Advantages and Disadvantages of Coral-Algal Symbiosis

GUSTAFSON, Steve

Post-Disturbance Growth of *Montastraea Annularis* and *Porites Astreoides* in the Caye Caulker Marine Reserve, Belize, 2002-2003

HENSON, Joshua

Strategic Geographic Positioning of Sea Level Gauges to Aid in Early Detection of Tsunamis in the Intra-Americas Sea

LODICO, Jenna

Sub-Millennial Scale Climatic and Hydrologic Variability in the Gulf of Mexico during the Early Holocene

LONG, Amy

Control of Lysogeny in Marine Bacteria: Studies with Ohsic and Natural Populations

PALMER, Denise

Late Holocene Planktic Foraminifera Assemblages from Orca Basin

SILVERMAN, Noah

Assessing the Consequences of Hurricane Induced Fragmentation of Mangrove Forest on Habitat and Nekton in Big Sable Creek, Florida

SOTO, Inia

Environmental Variability in the Florida Keys: Impacts on Coral Reef Health

2005

SINGH, Lizz

Seasonal and Spatial Trends of *Karenia brevis* Blooms and Associated Parameters Along the 10-Meter Isobath of the West Florida Shelf

WALL, Carrie

Linkages Between Environmental Conditions and Recreational King Mackerel Catch Off West-Central Florida

CALLAHAN, Michael

Distribution of Clionid Sponges in the Florida Keys National Marine Sanctuary (FKNMS)

- FAUVER, Laura
Toward Predicting Barrier Island Vulnerability: Simple Models for Dune Erosion
- CARNAHAN, Elizabeth
Foraminiferal Assemblages as Bioindicators of Heavy Metal Concentrations in Biscayne Bay, Florida
- LORENZONI-GONZALEZ, Laura
The Influence of Local Rivers on the Eastern Cariaco Basin, Venezuela
- FARMER, Andrew
Bottom Albedo Derivations Using Hyperspectral Spectrometry and Multispectral Video
- SUTHARD, Beau
A Siliciclastic-Filled Sedimentary Basin in a Mid-Carbonate Platform Setting, Tampa Bay, Florida
- QUIGLEY, Wendolyn
Variations in Sedimentation Rates and Depositional Controls of the Open-Marine, Marsh-Dominated Coastline from Bayonet Point to the Suwannee River, Florida
- HILL, Randy
Standardizing the Auditory Evoked Potential Technique: Ground-Truthing Against Behavioral Conditioning in the Goldfish *Carassius auratus*
- WOLFSON, Monica
Multibeam Observations of Mine Scour and Burial near Clearwater, Florida, Including a Test of the VIMS 2d Burial Model
- DANIELS, Camille
Development and Application of the SEDCON Index for Coral Reef Ecosystems
- NICHOLS, Bryan
Characterizing Sound Production in Near Shore Rockfishes (*Sebastes* spp.)
- DU, Chunzi
Autonomous Optical Measurements in Bayboro Harbor (St. Petersburg, Florida)
- MONTES, Martin
Monte Carlo Simulations as a Tool to Optimize Target Detection by AUV/ROV Laser Line Scanners
- BROADBENT, Heather
Development of a CTD System for Environmental Measurements Using Novel PCB

2004

ORDRIOZOLA, ANA LUCIA

On the Color of the Orinoco River Plume

SHEPS, KATHRYN

Bio-Optical Variability of Surface Waters in the Northeastern Gulf of Mexico

DEWITT, NANCY T.

The Depositional History of Three Freshwater Lakes in North-Central Florida: Brooklyn Lake, Levys Prairie and Cowpen Lake.

HAVENS, JULIE A.

A Stable Isotope Examination of Particulate Organic Matter During *Karenia brevis* Blooms on the Central West Florida Shelf: Hints at Nitrogen Sources in Oligotrophic Waters.

WALKER, ROBERT A.

Photosynthesis and Respiration in Five Species of Benthic Foraminifera that Host Algal Symbionts.

OBROCHTA, STEPHEN

Australian Great Barrier Reef Initiation Timing Constrained by Seaward Shallow-Water Sediment Drift Architecture.

BRODERSEN, JUSTIN

Inner-Shelf Bottom Boundary Layer Development and Sediment Suspension During Tropical Storm Isadore on the West Florida Shelf.

BELLUCCI, JOEL

The Effects of Seasonal Change on Copepods and *Euphausiids* Off the Western Antarctic Peninsula: Result from Biochemical Assays and Respiration Studies

GRAY, MICHAEL A.

Detection and Quantification of *Karenia Brevis* by Carbon Fixation Gene Expression Analysis.

HICKEY, TODD D.

Geological Evolution of South Florida Pleistocene-Age Deposits With an Interpretation Of the Enigmatic Rock Ridge Development

CANNIZZARO, JENNIFER PATCH

Detection and Quantification of *Kerenia brevis* blooms on the West Florida Shelf

PILLSBURY, LORI A.

Spatial and Temporal Chemical Variations in the Hillsborough River System

MALICK, LISA ANN

Light Quality and Phytoplankton Viability

THURMAN, PAUL E.

Life History and Energy Budget of *Pronotogrammus martinicensis* (Serranidae: Anthiinae)

SCOLARDI, KERRI M.

Distribution, Metabolism and Trophic Ecology of the Antarctic Cydippid Ctenophore, Callianira Antarctica, West of the Antarctic Peninsula

EGNER, SARAH A.

Auditory Sensitivity of Sergeant Majors (*Abudefduf sakatilis*) from Post-Settlement Juvenile to Adult

VAN GAALEN, JOSEPH F.

Longshore Sediment Transport from Maine to Florida: A Comparison of Deep Water Wave Hindcasts and Over 60 Years of Compiled Research

2003

GRIGSBY, MICHELLE D.

Biochemical Adaptation of Mesopelagic Fishes to the Oxygen Minimum Zone

BERNS, DONNA M.

Physiological Responses of *Thalassia testudinum* and *Ruppia maritima* To Experimental Salinity levels

WETZELL, LAUREN

Simple Models for Predicting Dune Erosion Hazards along the Outer Banks of North Carolina

STEPHANS, CHRISTIE

Assessing the Reproducibility of Coral-based Climate Records: A Multi-proxy Replication Test using Three *Porites lutea* Coral Heads from a Reef Offshore Amedee Island, New Caledonia

STOVAL-LEONARD, ANTOYA

Characterization of CDOM for the study of Carbon Cycling in Aquatic Systems

GENNACCARO, ANGELA L.

Detection of Infectious *Cryptosporidium Parvum* in Reclaimed Water

LAW, JASON

Deep Ocean Effects on Outer Shelf Flow: A western Boundary Current Case Study

LINDEMANN, MARCUS A.

Aspects of Mudskipper Audition: Hearing Thresholds and Inner Ear Ultrastructure

TYNER, ELIZABETH

Calcium Carbonate Production on the Central West Florida Continental Shelf

WILDER, DOUGLAS T.

Relative Motion History of the Pacific-Nazca (Farallon) Plates Since 30 Million Years Ago

IDOCKS, TRACY

Evaluation of Automated Ribotyping as a Tool for Bacterial Source Tracking in Aquatic Environments

KILBOURNE, HALIMEDA

A Coral Window on Western Pacific Climate During the Pleistocene

McINTYRE, MICHELLE

Testing a Model for Deriving Bathymetry from Airborne Hyperspectral Data by Comparing with Multibeam Sonar Data

LYBOLT, MATTHEW

Count or Pointcount: Is Percent Octocoral Cover An Adequate Proxy for Octocoral Abundance?

2002

DUKEMAN, ANGELA

The Reproductive Cycle of the Flame Scallop, *Lima scabra scabra* (Born 1778), from the Lower Florida Keys, USA

HACKETT, KEITH

A comparative Study of Two Video Analysis Methods to Determine Percent Cover of Stony Coral Species in The Florida Keys.

LENES, JASON

Iron Fertilization of Trichodesmium off the West Coast of Barbados:
A One-Dimensional Numerical Model.

MAROT, MARGARET E.

Beryllium-7 and Trace Element Distribution in the Sediments of Lake Pontchartrain,
Louisiana.

WRIGHT, AMY K.

Subpolar North Atlantic Surface and Deep Ocean Circulation During the Mid
Pleistocene Revolution.

COSDEN, JEANETTE M.

Geochemistries of Pd and Pt: Speciation and Fractionation in Seawater

BERMAN, GREGORY A.

Geophysics and Hydrodynamics of Egmont Channel: An Anomalous Inlet
At the Mouth of Tampa Bay, Florida

HOARE, ANA M.

Analysis of Biscayne Bay Sediments: Do Benthic Foraminifera Reflect
Trace Metal Contamination?

JACUKIEWICZ, JENNIFER A.

Foraminiferal Assemblages in Lagoonal Sediments of Glovers Reef Atoll,
Belize.

2001

DARROW, BRIAN P.

An Analysis of Factors Effecting the Growth of Benthic Microalgae Following the
Decline of a Surface Phytoplankton Bloom

COULLIETTE, Angela D.

Impact of Sample Collection and Processing on *Cryptosporidium Parvum* Oocyst
Infectivity

CREVISON, Heidi Lynne

Sediment Cores From the Florida Keys: Is Resolution Sufficient for Environmental
Application?

GILBERT, Sherryl

Can the TOPEX/Poseidon Altimeter Make Useful Observations of Equatorial Inertia-Gravity Waves?

JARRELL, Jennifer Lee

Use of Synthetic Polypeptide to Determine the Sex and Reproductive Status of Field Caught Red Grouper

McLAUGHLIN, Molly

Evaluation of the Bacteroides Fragilis Phage Assay as an Alternative Indicator of Sewage Pollution

MONTGOMERY, Annabel Edith

Detection and Enumeration of Cryptosporidium Parvum in Marine Sediments, Wastewater Sludge, and Shellfish, by Immunomagnetic Separation (IMS) and Immunofluorescent Assay (IAF) Methods

NELSON, Eric Eduard

The Role of Subaerial Geomorphology in Coastal Morphodynamics of Barrier Island, Outer Banks, N.C.

WAY, Candace Jean

Reproductive Variation in the Bay Scallop, Argopecten Irradians (Lamarck) Along Florida's West Coast

2000

PATTERSON, Matthew

Sponge (Phylum Porifera) Distribution of the Florida Keys

CUMMINS, JENNIFER L.

Bioactive Compounds from Corallistidae, Marine Sponge

TURKSON, Nicole

Mechanisms of Multidrug Resistance in a Human Uterine Sarcoma Cell Line Following Exposure to Discodermolide, A New Microtubule-Stabilizing Compound from a Marine Sponge

CRAWFORD, Charles

Comparison of Genetic Variation and Genetic Composition of Hatchery-Reared Redfish (Sciaenops Ocellatus) to Wild Redfish Populations.

KLUNGNESS, Greta

Development of Novel Techniques to Determine Hydrolysis Constants of Rare Earths, Yttrium and Iron

BROWN, Jordan

Diel Rhythms in Rubisco Gene Expression in Cyanophytic and Chromophytic Clades of Cultured and Natural Populations of Phytoplankton

MERMAN, Elizabeth

Atmospheric Inputs to the Tropical Ocean – Unlocking the Record in Annually Banded Corals

POLANDRO, David

Coral Reef Change Detection Using Landsats 5 and 7: A Case Study Using Carysfort Reef in the Florida Keys

ZHANG, Haiying

High Frequency Wind Forcing from NSCAT in a Model of the Indian Ocean Circulation

1999

SEIGEL, Eric

Currents Observed Across the West Florida Continental Shelf

DONAHUE, Brian Timothy

Modern Morphodynamics and Holocene Evolution of an Inner Shelf/Estuarine Transition Zone on the West Florida Shelf

BENDIS, Brian J.

Water Quality Trends in Tampa Bay, Florida

CONMY, Robin Nicole

Characterization and Optical Properties of Colored Dissolved Organic Matter During the Coastal Mixing and Optics Experiment Using in Situ and Discrete Sampling Methods

1998

BLACK, Brian

A Description of the Circulation on the West-Florida Continental Shelf.

BURGHART, Scott E.

Effects of a Rapidly Receding Ice Edge on the Abundance, Age Structure And Feeding of Three Dominant Calanoid Copepods in the Weddell Sea, Antarctica.

KUSEK, Kristen M.

Florida Red Tides from a Scientific and Public Information Perspective.

LEVY, Kelli Hammer

The Use of Analytical Zero as an Indicator of Nutrient Limitation in Surface Waters Near Continental Margins.

MACDONALD, Timothy C.

The Influence of Moonlight, Temperature, Hydrostatic Pressure and Zooplankton Abundance upon the Vertical Distribution and Relative Abundance of Micronekton in the Epipelagic Zone at Night.

NICOSIA, Lara A.

Assessment of On-Site Disposal Systems for the Removal of Viruses

OLSON, Dawn M.

Spatial Patterns of Reflectance in Florida Bay from 1972-1992: Change Detection Analysis of Landsat Multispectral Data.

1997

COCHRAN, Pamela K.

Environmental Factors Affecting Lysogeny in the Marine Environment.

MCELLIGOTT, Sean

Thermodynamics of Marine Carbon Dioxide System.

PRATT, Patty

Testing a Model for Extracting Bottom Type and Water Depth from Simulated Underwater Imagery to be Applied to Satellite or Airborne Imagery.

SLIFKO, Theresa R.

A Cultural Method for Detecting Infectious *Cryptosporidium* Oocysts.

WARD-GEIGER, Leslie I.

Blubber Depth and Body Condition Indices in the Florida Manatee (*Trichechus manatus latirostris*).

1996

BARTOLACCI, Danielle M.

Relationships between Physical and Biological Phenomena in the Arabian Sea.

FITZSIMMONS, Kathryn J.

Cycles of Gonadal Development in Six Common Gorgonians from Biscayne National Park in the Northern Florida Keys.

HARRISON, Scott E.

Morphology and Evolution of a Holocene Carbonate/Siliciclastic Sand Ridge Field, West-Central Florida Inner Shelf.

NEELY, Merrie Beth

Somatic, Respiratory and Photosynthetic Responses of *Halodule wrightii* to Light Reduction in Tampa Bay, Including a Whole Plant Carbon.

PIERCE, Daryl J.

Growth and Stock Identification of the Scaled Sardine, *Harengula jaguana*, from the West and Southeastern Coasts of Florida as Indicated by Microstructure and Fourier Series Shape Analysis of the Sagittae.

RAPPAPORT, Yoav

Seamount Shape and Size Distribution Near Easter Island.

STOKES, Rodger T.

Phylogenetic Analysis of Western Atlantic Grouper (Epinephelinae) and Other Serranids (Teleostei: Serranidae) by Peptide Mapping of Homologs of LDH-A.

SWAIN, R. Michael

Characterization of Colored Dissolved Organic Matter (CDOM) by High Performance Liquid Chromatography (HPLC).

WOOD, Nathan J.

Sedimentary Dynamics of a Shallow-Water Embayment and Adjacent Open-Marine Marsh System: Waccasassa Bay, Florida.

1995

HICKS, Karen S.

Origin of Early Diagenetic Minerals Recovered from the Upper Cenezoic Sediments of the New Jersey Margin (ODP Leg 150).

HYMEL, Sabrina K.

The Evolution of Nearby Beaches after the Emplacement of a Revetment on Casey Key in Sarasota County, Florida.

JOHNSON, Andrea K.

Red Grouper (*Epinephelus morio*): Reproduction and Endocrinology.

WETZEL, Dana L.

Chemical Fate of Bunker C Fuel Oil in a Subtropical Marine.

WOOD, Catherine M.

Copper, Cadmium, and Zinc in Liver, Kidney, and Muscle Tissues of Stranded Bottlenose Dolphins, *Tursiops truncatus*, and Some of Their Prey.

ZHANG, Huining

Calibration of pH Indicator Thymol Blue at In-Situ Conditions and Application of Spectrophotometric pH Measurements at Sea.

1994

AMES, Audra L.

Aspects of the Chemical Ecology of the West Indian Manatee, *Trichechus manatus*.

COCKEY, Elizabeth M.

The Decadal Scale Changes in Benthic Foraminiferal Assemblages in Reef Tract Sediments off Key Largo, Florida.

GARRETT, Julie K.

Chlorophyll a and Nutrient Measurements in Sea-Surface Waters of the Nicaraguan Rise.

GOODBRED, Steven L, Jr.

Geologic Controls on the Holocene Evolution of an Open-Marsh System Fronting a Shallow-Water Embayment: Waccasassa Bay, West-Central Florida.

GREELY, Teresa

Age and Growth of the Antarctic Lanternfish, *Electrona antarctica* (Family Myctophidae), Based on Microstructural Analysis of the Sagittal Otoliths.

HALL, Donald

Origin of dolomite in the Miocene Hawthorn Group, Northeastern.

HALL, Jeffrey R.

Spatio-Temporal Correlations Between Adult Food and Egg Production of a Batch-Spawning Clopeiod, *Anchoa mitchilli*, in Tampa Bay, Florida.

SUTTON, Tracey

The Dragonfishes (Pisces: Stomiidae) of the Eastern Gulf of Mexico: Assemblage, Structure, Vertical Distribution, Trophic Ecology and Predation Impact on a Midwater Community.

ZHANG, Mingrui

Predictability of sea Level and Currents of Tampa Bay.

1993

DAVID, Andrew W.

Development of an Image Analysis System for the enumeration and Sizing of aquatic Bacteria.

DONNELLY, Kelly Boomer

Characterization of the Foraminiferal Assemblage off the Southwest Coast of Puerto Rico at La Parguera.

DUNCAN, David S.

Neogene to Recent Seismic Stratigraphy of the Lower Tampa Bay Estuary: West Central Florida.

GEIGER, Stephen P.

Respiratory Physiology of Juvenile Tarpon, *Megalops atlanticas*.

JIANG, Chenyang

Viruses in the Marine Environment - Abundance, distribution and Contribution to the Dissolved DNA Pool.

LEARY, Timothy

A Remote Sensing Comparison of the Mississippi Sound Barrier Island Complex: 1987 versus 1991.

LI, Zhen

Circulation of Tampa Bay in Relation to Tides, Winds and Buoyancy Driven Convection.

PENTA, Bradley

A One-Dimensional Model of Summer Oxygen Distribution within the Chukchi Sea.

ORSOY, Tunch

Methylammonium Uptake by Phytoplankton Populations in Tampa Bay, Florida.

RUIZ, Gina M.

Male Reproductive Anatomy of the Pygmy Sperm Whale, Kogia breviceps, and Dwarf Sperm Whale, Kogia simus, Based on Gross and Histological.

TOLER, Strawn

Characterization of the Shell Soluble Matrix Proteins from Six Genera of Soritacea Foraminifera.

VESLEY, Elizabeth L.

Silica Distribution in the Caribbean Deep Basin.

ZSOLDOS, Hepsy D.

Radiochemical Distributions in Tampa Bay.

1992

BARRE, Jill S.

Leaching from Stone Crab Traps Dipped in Fungitrol: Diesel Fuel Preservative.

BISSETT, W. Paul

The Effects of Temporal and Spatial Variability of Mixed Layer Depth on Primary Productivity around Bermuda.

CLAYTON, Tonya

Calibration of the pH-Sensitive Indicator m-Cresol Purple and Application to Laboratory and Field Investigations of Carbonate System Equilibria in Seawater.

HARRIS, Michael W. A.

Sedimentary Products and Processes Along a Current-Dominated Open Seaway, Bawihka Channel, Northern Nicaraguan Rise, Caribbean Sea.

HAWES, Steve

Quantum Fluorescence Efficiencies of Marine Fulvic and Humic Acids.

HOLMES, Marjorie E.

Fluorescence and Stable Isotopes in Inshore Waters of South Florida and their Relation to Fluorescent Banding in the Coral Montastrea annularis.

HOCHMAN, Herschel

Interpretation of Coastal zone Color Scanner (CZCS) Signature of the Orinoco River.

PEACOCK, Thomas G.

Some Marine Light Sources and their Effect on Remote Sensing Reflectance.

PICHARD, Scott L.

The Development of a Method to Measure Microbial Gene Expression in the Marine Water Column Environment.

SMITH, Shana L.

Investigation of Histamine in Echinoderms.

1991

BOWLES, Walter D.

The Effect of Bedslope on Bedload Transport and Erosion Threshold for Fine-Grained, Non-Cohesive Sediments at Low Roughness Reynolds Numbers and Lower Flat-Bed Flow Regime.

DAVIS-FITE, Susan

The Effects of Rotary Ditching on the Diets of Resident Mangrove Swamp Fishes.

INGLIN, David C.

Sediment Budget for Honeymoon Island, Florida.

KINSEY, Stephen T.

Feeding Ecology of Euphausiids in the Eastern Gulf of Mexico.

RODRIGUEZ, Paloma

Nitrogen Enrichment of Tampa Bay and the Little Manatee River Phytoplankton Populations.

TALGE, Helen K.

Impact of Recreational Divers on Scleractinian Corals of the Florida Keys.

TRINGALI, Michael D.

Intraspecific Divergence of mtDNA within the Continuous Western Atlantic Range of the Spanish Sardine, *Sardinella aurita*.

1990

ALBERDI, P. Daniel, Jr.

Biochemical Genetics of Harengula Species (Clupeidae) from Florida and Puerto Rico.

BANNON, James P.

The Characterization of Marine Sediment Through Spectral Reflectance Analysis.

BROWN, Susan D.

Temperature and Salinity Effects on Survival and Development of Early Stage Stone Crabs, Menippe mercenaria (Say, 1818).

DICKINS, Holli D.

The Distribution of Isopranyl Ether-Linked Lipids in the Water Column of an Anoxic, Hypersaline Basin.

HOWARD, Deborah L.

Purification and Characterization of an Alkaline Phosphatase from the Diatom, Skeletonema costatum.

LEE, Kitack

The High Temperature Titration of Amorphous Silica.

LOGUE, Karen T.

Bedforms and Sedimentary Processes on the Northwest Florida Inner Continental Shelf.

NETRATANAWONG, Toedsit

Mineralogy of the Monterey Shale in the Point Pedernales Area, South Central Coastal California.

PASSARELLA, Kenneth C.

Oceanic Cephalopod Assemblage in the Eastern Gulf of Mexico.

PEASE, Tamara K.

The Distribution of Archaeobacterial Lipids in Orca Basin Sediments.

RAST, Jonathan P.

Aspects of the Ecology of Heteropods in the Families Carinariidae and Pterotracheidae at a Station in the Eastern Gulf of Mexico.

SHERWIN, Mark R.

Sterols as Tracers for Marine, Terrestrial, and Sewage Derived Organic Matter in Tampa Bay, Florida.

1989

BINGLER, Linda S.

The Influence of Solution and Surface Chemistry on Rare Earth Element Uptake by the Marine Diatom, Skeletonema costatum / by Linda S. Bingler. 1989.

FLOCK, Mark E.

The Vertical Distribution and Feeding Ecology of Sergestid Shrimp (Decapoda; Natantia) in the Eastern Gulf of Mexico / by Mark E. Flock. 1989.

MITCHELL, Michael E.

A comparison of larval fish abundance between a vegetated and non-vegetated habitat with comments on the ecological significance of notochord flexion in larval fish / by Michael E. Mitchell. 1989.

STANLEY, John K.

The Effect of Chemical Speciation on the Interaction of Zinc and the Rare Earths with a Green Macroalgae, Ulva lactuca L. / by John K. Stanley. 1989.

TRIFFLEMAN, Nina J.

Morphology Sediments and Depositional Environments of a Partially Drowned Carbonate Platform : Serranilla Bank, Southwest Caribbean Sea / by Nina J. Triffleman. 1989.

1988

COSTELLO, David K.

Multiple Sample Sediment Trap with Holographic Particle Imaging Capability Design and Function of the ADIOS Laser Trap / David K. Costello. 1988.

HESSELMAN, Donald M.

Reproduction in Hard Shell Clams, Mercenaria SPP., from the Indian River, Florida : Reproductive Cycle and Pathology / by Donald M. Hesselman. 1988.

HOCHBERG, Randall J.

Aspects of the Ecology and Life History of, and Host Modifications in, the Parasite/Host relationship of Loxothylacus texanus to Callinectes sapidus along the West Coast of Florida / by Randall J. Hochberg. 1988.

NELLIS, Rachel F.

Food Habits and Feeding Behavior of the Cleaning Goby (Gobiosoma Evelynae Dohlke and Robins) / by Rachel F. Nellis. 1988.

QUINTERO, Iliana

Effects of Salinity Adaptation of Blood Osmolality and Gill Morphology of Juvenile Common Snook Centropomus undecimalis (Bloch) / by Iliana Quintero.

1988.

TORRES, Linda M.

Radium-226 in Plankton on the West Florida Shelf / by Linda M. Torres. 1988.

1987

BROWN, Jeffrey E.

Distribution and Diversity of Fishes in a Tampa Bay Mangrove Swamp and the Effects of Rotary Ditching / by Jeffrey E. Brown. 1987.

COTTEY, Theresa L.

Taphonomic Studies of the Tests of Archaisas angulatus (Foraminiferida) / by Theresa L. Cottey. 1987.

DOHNER, Eric T.

Ichthyoplankton Distribution, Abundance, and Diversity of Naples Bay, Florida / by Eric T. Dohner. 1987.

KILLAM, Kristie

The Reproductive Biology, Age, and Growth of the Blacktip Shark, Carcharhinus limbatus (Valenciennes) Near Tampa Bay, Florida / by Kristie Killam. 1987.

MCGARRY, Gail A.

An Evaluation of the Effects of Hurricanes Elena and Juan along the Coastline of Pinellas County, Florida, 1985 Using Landsat Thematic Mapper Images / by Gail A. McGarry. 1987.

MCNEILLIE, Jennifer I.

A Sedimentological and Paleontological Analysis of a Large Scale Gravity Flow , DSDP Site 615, Leg 96 / by Jennifer I. McNeillie. 1987.

PEEBLES, Ernst B.

Early Life History of the Sand Seatrout, Cynoscion aernarius, in Southwest Florida / by Ernst B. Peebles. 1987.

STICKNEY, Donna G.

Chemical Composition of Mesopelagic Fishes from the Eastern Gulf of Mexico / by Donna G. Stickney. 1987.

THOMPSON, Shannon Wesley

Carbonate Complexation and Adsorption of Rare Earth Elements in Seawater / by Shannon Wesley Thompson. 1987.

WEIGLE, Bradley L.

Abundance, Distribution, and Movements of Bottlenose Dolphins, Tursiops truncatus, in lower Tampa Bay, Florida / by Bradley L. Weigle. 1987.

1986

BENNETT, James L.

Vertical Distribution, Abundance and Feeding of the Copepod genus Pleuromamma in the Eastern Gulf of Mexico / by James L. Bennett. 1986.

CANTRELL, Kirk J.

Rare Earth Element Speciation in Seawater / by Kirk J. Cantrell. 1986.

DONNELLY, Joseph

Oxygen Consumption in Midwater Fishes and Crustaceans from the Eastern Gulf of Mexico / by Joseph Donnelly. 1986.

HEIL, Cynthia A.

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