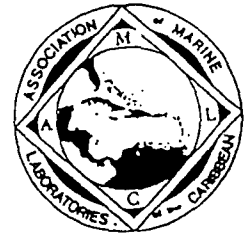


Association of Marine Laboratories of the Caribbean 27th Scientific Meetings



2-6 June, 1995
MacLean Marine Science Center
University of the Virgin Islands



FRIDAY, 2 JUNE

3-8PM Registration at MacLean Marine
Science Center

6-8PM Wine and Cheese Reception at
MacLean Marine Science Center

10:50AM Tributyltin Contamination in
Virgin Islands Waters
Peter Desrosiers and Anna Vimercati

11:10AM Protecting Marine and Coastal
Areas in the U.S. Virgin Islands: Socio-
Political Challenges
Marshall L. Hayes

11:30AM Seabird Populations of Off-Shore
Cays of St. Thomas, U.S. Virgin Islands
Judy Pierce

SATURDAY, 3 JUNE

8-9AM Continental Breakfast

9AM Opening Session

Welcome by James F Battey
AMLC President

Welcome by Dr. Denis Paul
Vice President of Academic Affairs
University of the Virgin Islands

Welcome by Dr. Orville Kean
President
University of the Virgin Islands

12-1PMLunch

1:30PM Field Trip Departures
1: Seabird Colonies
2: Coastal Geology

5-7PM Executive Board Meeting

5-8PM Poster Set-Up

9:30AM Coastal Zone Management in the
United States Virgin Islands
*Beulah Smith, Invited Speaker, Commissioner of
Coastal Zone Management for the U.S. Virgin
Islands*

9:50AM Effects of Fishing on Caribbean Fish
Communities
Callum M. Roberts

10:10AM A Bioeconomic Analysis of Coral
Reef Fishery Reserves
Joshua Sladek Nowlis and Callum M. Roberts

10:30AM Impacts of Recreational Diving on
Caribbean Coral Reefs
Julie P. Hawkins

SUNDAY, 4 JUNE

8-9AM Continental Breakfast

9AM Physical and Chemical Defenses of
Caribbean Sponges
Brian Chanas and J.R. Pawlik

9:20AM Anti-tumour Screening of Marine
Invertebrates
Mel Govindan

9:40AM The Effects of Nest Quality on Male
Courtship and Female Choice in Garibaldi
Damsel fish (*Hypsypops rubicundus*).
Paul C. Sikkell

10:00AM Methods of Identifying Juvenile
Nereis riisei Grube, 1857 (Polychaeta:
Nereididae) Taken in Ecological Surveys
Charlene D. Long and R. Zottoli

10:20AM A Comparison of Light Trap Designs Used to Sample Presettlement Fishes: Preliminary Results From a Mangrove Lagoon and a Coral Reef in Key Largo, Florida
Frank Hernandez Jr., D.G. Lindquist and I.E. Clavijio

10:40AM Multi-species Algal Balls from Los Roques Archipelago, Venezuela
David L. Ballantine, N.E. Aponte and J.G. Holmquist

11AM-12:30PM POSTER SESSION

Scientific Activities at the H. Lavity Stoutt Community College in Tortola, British Virgin Islands
William Bowie and Lianna Jarecki

Lipid Storage Patterns in the Caribbean Reef-Building Corals *Montastrea faveolata* and *Montastrea annularis*
James F. Battey, K.A. Brown, C. A. Walters and D. Noorhasen

Caracterización sedimentológica de un área de interés Turístico en el Archipiélago Sabana-Camaquey, Cuba
L.J. Vega, T. Martinez, and L. Rivas

Comparison of Zooplankton From a Mangrove Lagoon and a Coral Reef: Preliminary Results From Light Traps
Ileana E. Clavijio, D. G. Lindquist, M.E. Whittaker and F.J. Hernandez

Lipid Levels and Fatty Acid Profiles of the Caribbean Jack *Trachinotus goodei* (Pisces, Carangidae) Raised in Mariculture
Cherrie-Ann Walters, D. Noorhasen, W.M. Cole, K.A. Brown and J.F. Battey

Characterization Hidroquímica de la Plataforma Norte de Algunos Cayos Del Archipiélago Sabana-Camaquey, Cuba
D.L. Recalde, I Penie, M. Gonzalez, C. Peon, J. Hernandez and R.Perez

Comparative Biochemistry of Tunicates: Uptake of Radioactive Vanadium as Vanadate and Presence of Sulfuric Acid or Bisulfate.
Leon S. Ciereszko

Substrate and Coral Diversity of Shallow Water Patch Reefs on St. John, U.S. Virgin Islands. *Joint Project by Students in the 1995 University of the Virgin Islands Research Diving Course*

12:30-1:30PM Lunch

2:00PM Field Trip Departures
1: Snorkeling at Off-Shore Cays
2: SCUBA Dive Trip

5-7PM AMLC Lab Directors Meeting

6-9:30PM Night Wreck Dive

MONDAY, 5 JUNE

8-9AM Continental Breakfast

9AM Dinoflagellate Toxins
Granville Wrensford

9:20AM Seasonal Changes in Hypersaline Pond Fauna in the British Virgin Islands
Lianna Jarecki

9:40AM Developmental Responses of Established Red Mangrove (*Rhizophora mangle*, L.) Seedlings to Relative Levels of Photosynthetically Active and Ultraviolet Radiation.
Stephen Michael Smith

10:00AM Distribucion de los Sedimentos Superficiales en Las Bahias de Jigüey y Los Peros (Costa Norte), Cuba
L.J. Vega and M. Sona

10:20AM Possible Effects of Competition for Substrate Space on Gorgonian Mortalities
Paul Yoshioka

10:40AM Estimates of Finfish Community Structure in a Mangrove Lagoon: Traps Versus Visual Transects
Aaron Adams

11:00AM Distribution and High Density Aggregations of Queen Conch in the British Virgin Islands
Clive Petrovich

11:20AM Underwater Archeological
Research of the Historical Refuse Dump Site
in Curacao, Netherland Antilles
Dr. Wil Nagelkerken

11:40AM Upwelling Indices for the
Caribbean Coastal Boundary of Venezuela
Derived from In Situ Records of Sea Surface
Temperature
*Ruben Aparicio Castro, E. Olovia, I. Leon, L.
Sanchez and R. Figuero*

12:00PM Water Circulation in the Caribbean
Basin
Roy Watlington

12:30-130PM Lunch

2:00PM Field Trip Departures
1: Snorkeling at Off-Shore Cays
2: SCUBA Dive Trip

6:30-9:30PM Banquet at Coral World

TUESDAY, 6 JUNE

8-9PM Continental Breakfast

9:00AM A Large Scale Survey of Coral Reef
Bleaching in the South Central Pacific
Raymond L. Hayes

9:30AM Bacterial Ecology of Selected Corals
Following the 1994 South Central Pacific
Bleaching Event
*K. B. Ritchie, A. Jindal, R.L. Hayes, T.J. Goreau
and Garriet W. Smith*

10:00AM In Situ Fluorometry as a Non-
Invasive, Quantitative Measure of
Zooxanthellae Chlorophyll A Density
Barbara M. Spudich

10:20AM The Effects of Hurricane Andrew
and Tropical Storm Gordon on Florida Reefs
Diego Lirman

10:40AM An Unusual Recruitment Swarm
of the Balloonfish (*Diodon holocanthus*, L.) in
the Leeward Dutch Antilles, 1994
A.O. Debrot and Ivan Nagelkerken

11:00AM Long-Term Changes in Size and
Structure of Reef-Fish Assemblages

*EE. Demartini, F.A. Parrish and James D.
Parrish*

11:20AM Survey of the Macrophytobenthos
in Soft Bottoms of Sabana-Camaguey
Archipeligo, Cuba
*B. Martinez-Daranas, C. Jimenez and P.M.
Alcolada*

11:40AM Unusually High Abundances of
Scyllarides nodifer and *Albunea* sp Larvae in
the Florida Keys during intrusions of
Mississippi Flood Water.
C. Yeung and Maria M. Criales

12-1PMLunch

1-1:30PM Members Meeting
"What is the Future of the AMLC?"

2:30PM Depart for VIERS Field Trip

5:00PM Arrive at VIERS

Wednesday, 7 June

Snorkeling, Hiking and Diving at VIERS

Thursday, 8 June

1PM Depart VIERS

3:30PM Arrive at MacLean Marine Science
Center