

Mini-symposium 9 - Coral Biology and Physiology
Thursday 24th June 2010

Time/Place		Meeting Room 1
08:00 – 12:30	Conveners: P. Ang, T. Yeemin	
08:00 – 08:30	J. Seemann	TROPHIC PLASTICITY OF CORALS AS AN ADAPTATIONAL PROCESS TO ANTHROPOGENIC STRESSES FROM SEDIMENTATION AND EUTROPHICATION IN SPERMONDE ARCHIPELAGO, INDONESIA
08:30 – 09:00	T. Nakamura	FOUR YEARS MONITORING ON PHOTOSYNTHESIS AND GROWTH OF THE CORAL <i>ACROPORA DIGITIFERA</i>
09:00 – 09:30	I. M. Yakovleva	SUSCEPTIBILITY OF SHALLOW-WATER SCLERACTINIAN CORALS TO SOLAR RADIATION IN RESPECT TO THEIR NON-PHOTOCHEMICAL QUENCHING AND UV-SCREENING CAPACITIES
09:30 – 10:00	H. Yamashiro	CHANGES IN LIPID CONTENT AND SKELETAL EXTENSION RATES OF <i>PORITES CYLINDRICA</i> AFTER TRANSPLANTATION TO DIFFERENT ENVIRONMENT AT SESOKO IS., JAPAN
09:40 – 10:00	Discussion	
10:00 – 10:15	M. K. ZAPALSKI	GROWTH PATTERNS IN FOSSIL TABULATE CORALS
10:15 – 10:30	Y. Sawall	METABOLIC ADAPTATIONS OF THE CORAL <i>PORITES LUTEA</i> TO VARIOUS ENVIRONMENTAL CONDITIONS
10:30 – 10:50	Coffee Break	
10:50 – 12:30	Meeting Room 1	
10:50 – 11:00	Introduction	
11:00 – 11:15	C. Roder	CORAL PLASTICITY UNDER THE IMPACT OF LARGE AMPLITUDE INTERNAL WAVES
11:15 – 11:30	M. C Ojimi	TELOMERE LENGTH REFLECTS SENESCENCE OF THE SOLITARY CORAL <i>CTENACTIS ECHIINATA</i>
11:30 – 11:45	C. Marjorie	EFFECT OF L-ASCORBIC ACID ON TISSUE REGENERATION OF SEA ANEMONE, <i>HETERACTIS MAGNIFICA</i> (QUOY & GAIMARD, 1833)
11:45 – 12:00	R. A. Zvuloni	FUNCTIONAL CHARACTERIZATION OF THE GNRH HORMONE-RECEPTOR SYSTEM IN THE SEA ANEMONE <i>AIPTASIA</i>
12:00 – 12:15	Y.S. Yuen	SULFATE-REDUCING BACTERIA IN THE SKELETON OF <i>GONIASTREA ASPERA</i> INHABITING OLIGOTROPHIC WATERS
12:15 – 12:30	Discussion & Conclusion	