

**SUMMARY OF THE LIFE HISTORY CHARACTERISTICS
OF THE ONTOGENETIC STAGES OF *PANULIRUS ARGUS***

FACTOR	CHARACTERISTIC					
	PHYLLOSOMA	PUERULUS	ALGAL PHASE	POST-ALGAL	JUVENILE	ADULT
SIZE	1-10 MM	5-6 MM CL	6-20 MM CL	20-50 MM CL	50-80 MM CL	>80 MM CL
DURATION	6-9 MONTHS	~1-2 WEEKS	2-3 MONTHS	7-10 MONTHS	1 YEAR	15+ YEARS
COLORATION	TRANSPARENT BODY	TRANSPARENT BODY	CRYPTIC: BANDED, DISRUPTIVE	SEMI-CRYPTIC: SPOTTED	SEMI-CRYPTIC: SPOTTED	SEMI-CRYPTIC: SPOTTED
HABITAT	OPEN OCEAN	OFFSHORE MOVING INSHORE	MACROALGAE, SEAGRASS	BAYS/HARD BOTTOM: SPONGES, HOLES	BAYS/HARD BOTTOM: PATCH REEFS, AMID SEAGRASS, HOLES	OFFSHORE REEFS
FOOD	SOFT-BODIED ZOOPLANKTON	NON-FEEDING STAGE	GENERALIST: INVERTEBRATES (ESPECIALLY MOLLUSKS)	SAME	SAME	SAME
FORAGING GROUNDS	UPPER 200 M OF WATER	NON-FEEDING STAGE	MACROALGAL PATCHES	GRASSBEDS, ROCKS	GRASSBEDS, ROCKS	GRASSBEDS, REEFS
HOME RANGE	UNKNOWN	NA	<5 M	10-20 M	100-500 M	500-1000 M
PREDATORS	PELAGIC FISH	COASTAL FISH, JELLYFISH	SMALL FISH, CRABS, OCTOPUS	FISH, CRABS, OCTOPUS	OCTOPUS, LARGE FISH, STINGRAYS, MAN	LARGE GOLIATH GROUPEL, SHARKS, MAN
ANTIPREDATION STRATEGY	SPARSENESS	FAST-MOVING, CRYPISIS	CAMOUFLAGE, SHELTER USE	SHELTER USE, AGGREGATION	SHELTER USE, AGGREGATION, COOPERATIVE DEFENSE	LARGE SIZE, SHELTER USE, AGGREGATION, COOPERATIVE DEFENSE
ACTIVITY	DIURNAL VERTICAL MIGRATION	NOCTURNAL	NOCTURNAL ONLY	NOCTURNAL ONLY	NOCTURNAL, CREPUSCULAR (DIURNAL AT MASS MIGRATION)	NOCTURNAL, CREPUSCULAR (DIURNAL AT MASS MIGRATION & REPRODUCTIVE SEASON)
SOCIALITY	SOLITARY	SOLITARY	SOLITARY, ASOCIAL	GREGARIOUS (FORAGE AS INDIVIDUALS)	GREGARIOUS (FORAGE AS INDIVIDUALS)	SEMI-GREGARIOUS (FORAGE AS INDIVIDUALS)

