

A. Summary of the raw data from Nabas and Taklong Island

Specimen Number	Morphological Characteristics				Spicules		Size		
	Overall Color of Spine	White-tip (+/-)	Milled rings (bright/faded)	Skin around the peristome (bright/dark)	Tubefeet	Gonad	Length	Width	Height
Nabas									
JRUNI001	Yellowish Green	-	Bright	Bright	triradiate	-----	3.3	3	2.2
JRUNI002	Dark brown	-	bright	dark	triradiate	Triradiate needle	3	2.6	2.2
JRUNI003	dark brown	-	bright	bright	Triradiate bihamate	multiple	3.4	3	1.6
JRUNI004	dark brown	-	Bright	Bright	triradiate	-----	4.3	3.5	2.4
JRUNI005	olive green	-	bright	bright	triradiate	Triradiate needle	4.2	3.7	2.4
JRUNI006	dark brown	-	bright	bright	Triradiate bihamate	multiple	4.6	3.7	2.2
JRUNI007	pink	-	bright	bright	triradiate	Triradiate needle	4.7	3.8	2.5
JRUNI008	olive green	-	bright	Bright	triradiate	Triradiate needle	3.4	3	1.9
JRUNI009	olive green	-	bright	dark	triradiate	Triradiate needle	3.8	3.2	2.2
JRUNI010	white	-	bright	Bright	triradiate	Triradiate needle	4	3.4	2.4
JRUNI011	pink	-	bright	bright	Triradiate bihamate	Multiple	3.8	2.9	2.2
JRUNI012	dark brown	-	bright	Dark	triradiate	Triradiate needle	4.7	4	3.3
JRUNI013	green	+	Bright	dark	bihamate	needle	4.2	3.4	2.3
JRUNI014	green	+	Bright	dark	bihamate	needle	4.7	4	2.1

JRUNI015	white	-	Bright	bright	triradiate	----	4.8	3.9	2.4
JRUNI016	white	-	bright	bright	triradiate	Triradiate needle	3.3	2	2.1
JRUNI017	dark brown	-	Bright	dark	triradiate	multiple	4.6	3.4	2.4
JRUNI018	pink	-	Bright	dark	triradiate	multiple	4.3	3.3	2.2
JRUNI019	dark brown	-	Bright	dark	triradiate	multiple	4.2	3.1	2.4
JRUNI020	yellowish green	-	bright	dark	triradiate	multiple	3.4	2.7	1.69
JRUNI021	green	+	bright	dark	bihamate	needle	4.6	3.5	1.8
JRUNI022	white	-	bright	bright	triradiate	Triradiate needle	4.3	3.5	1.8
JRUNI023	dark brown	-	bright	bright	triradiate	Triradiate needle	3.9	3	2
JRUNI024	white	-	Bright	dark	triradiate	multiple	3.6	2.8	1.7
JRUNI025	dark brown	-	bright	bright	Triradiate bihamate	multiple	4	3.2	2.2
JRUNI026	light brown	-	Bright	bright	triradiate	Triradiate needle	3.9	2.6	1.9
JRUNI027	olive green	-	Bright	bright	triradiate	----	4.2	3.3	2.7
JRUNI028	dark brown	-	bright	bright	Triradiate Bihamate	Multiple	4.1	3.1	2.4
JRUNI029	olive green	-	Bright	Bright	Triradiate	Triradiate needle	3.8	2.7	2
JRUNI030	green	+	Bright	Dark	Bihamate	Needle	5.1	4.2	2.1
Taklong Island									
MTAK1115	pale brown	-	Bright	Bright	Triradiate Bihamate	Multiple	3.1	2.4	1.7
MTAK1116	olive green	-	Bright	Bright	Triradiate	Triradiate Needle	1.4	0.6	0.8

MTAK1127	green	+	Bright	Dark	Bihamate	Needle	5.1	3.2	1.9
MTAK1128	reddish brown	-	Bright	Bright	Triradiate	Triradiate Needle	4.2	3.1	2.2
MTAK1129	reddish brown	-	Bright	Dark	Triradiate	Triradiate Needle	4	2.8	2
MTAK1130	pink	-	Bright	Bright	Triradiate	Triradiate Needle	2	1.7	0.8
MTAK1131	pink	-	Bright	Bright	Triradiate	-----	1.9	1.5	0.7
MTAK1132	golden brown	-	Bright	Dark	Triradiate	Triradiate Needle	4.7	3.4	2.5
MTAK1133	golden brown	-	Bright	Dark	Triradiate	Triradiate Needle	3.7	2.7	2
MTAK1134	green	+	Bright	Dark	Bihamate	Needle	5	4.1	2
MTAK1212	Golden brown	-	Bright	Bright	Triradiate	-----	2.2	1.6	1.3
MTAK1216	pink	-	Bright	Bright	Triradiate Bihamate	Multiple	1.2	0.8	1
MTAK975	Golden brown	-	Bright	Bright	Triradiate Bihamate	Multiple	2.0	1.7	1.1
MTAK1135	dark brown	-	Bright	Bright	Triradiate	Triradiate Needle	3.6	2.5	1.5
NEW2	dark brown	-	Bright	Bright	Triradiate	Triradiate Needle	4.4	3.2	2.3