



[http://app.pan.pl/SOM/app67-Huang\\_etal\\_SOM.pdf](http://app.pan.pl/SOM/app67-Huang_etal_SOM.pdf)

## SUPPLEMENTARY ONLINE MATERIAL FOR

### **Stromatoporoids from a Middle Devonian reef of South China and their palaeoecological implication**

Jiayuan Huang, Kun Liang, Yue Wang, Stephen Kershaw, Juwan Jeon, Yue Li,  
and Wenkun Qie

Published in *Acta Palaeontologica Polonica* 2022 67 (3): 711-736.  
<https://doi.org/10.4202/app.00954.2021>

#### **Supplementary Online Material**

##### **Statistics of ecological informations of stromatoporoids**

The statistical parameters of all the stromatoporoid contain the “NIGP number”, “Sample number”, “Identification”, “External morphology”, “Substrate”, “Thickness”, “latilaminae”, “Laminae/2 mm”, “Pillars/2 mm”, “Laminae thickness”, and “Pillar width”.

Laminar, dendroid, and bulbous forms correspond to external morphology, with fully encrusting and semi-encrusting showing the relationships between laminar stromatoporoid and other organisms. Substrate represents the biotic or abiotic composition under the bottom of each stromatoporoid. Thickness means the growth height of laminar stromatoporoid, growth diameter of dendroid stromatoporoid, and growth width of bulbous stromatoporoid. Latilaminae explains the thickness of one individual latilamina. “Laminae/2 mm” and “Pillars/2 mm” equals to the laminae and pillars numbers per 2 mm. Laminae thickness and Pillar width indicate the size of each individual laminae and pillar.

Number	NIGP number	Sample number	Identification	External morphology	Substrate	Thickness	Latalaminae/mm	Laminae/2 mm	Pillars/mm	Laminae thickness	Pillar width
1		18JW-a1-3	<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	0.3 mm					
2			<i>Gerronostromaria grossum</i>	laminar	sediments	7 mm	2-3 mm				
3		18JW-a1-4	<i>Clathrocoilona spissa</i>	laminar (fully encrusting)	<i>Thamnopora</i>	0.5-1 mm					
4		18JW-a1-7	? <i>Habrostroma laminosum</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	0.5 mm					
5		18JW-a1-8	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	2 mm	8-10	7-8	0.1-0.2 mm	0.05-0.2 mm	
6		18JW-a1-9	<i>Clathrocoilona spissa</i>	laminar	sediments	0.5-1 mm					
7			<i>Salairella bücheliensis</i>	laminar	<i>Clathrocoilona</i>	10-16 mm					
8	NIGP177051	18JW-a1-12	<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	solitary rugose coral; <i>Thamnopora</i>	2 mm	9-11	9-10	0.05-0.15 mm	0.05-0.1 mm	
9			<i>Clathrocoilona spissa</i>	laminar	sediments	0.5-1 mm					
10			<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	4 mm					
11		18JW-a1-13	<i>Stictostroma saginatum</i>	laminar	debris		11-12	7-8	0.05-0.15 mm	0.05-0.15 mm	
12		18JW-a1-14	<i>Gerronostromaria grossum</i>	laminar	<i>Clathrocoilona</i>	2-4 mm					
13			<i>Clathrocoilona spissa</i>	laminar	sediments	2-4 mm	0.5-1 mm				
14			<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	0.5-1 mm					
15		18JW-a1-15	<i>Gerronostromaria grossum</i>	laminar	debris						
16		18JW-a1-18	<i>Clathrocoilona spissa</i>	laminar	? <i>Habrostroma</i>	1.5 mm					
17			? <i>Habrostroma laminosum</i>	laminar	<i>Gerronostromaria</i>	1.5-2 mm					
18			<i>Gerronostromaria grossum</i>	laminar	sediments	6 mm					
19		18JW-a1-19	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5 mm					
20		18JW-a1-20	<i>Gerronostromaria grossum</i>	laminar	sediments	7 mm	3 mm				
21	NIGP177056	18JW-a1-21	? <i>Habrostroma laminosum</i>	laminar	<i>Thamnopora</i>	>10 mm					
22		18JW-a1-22	<i>Clathrocoilona spissa</i>	laminar (fully encrusting)	solitary rugose coral	1.5 mm					
23		18JW-a1-23	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i> ; solitary rugose coral	0.5-1 mm					
24		18JW-a1-24	<i>Stachyodes costulata</i>	dendroid	debris	7 mm					
25		18JW-a1-24	<i>Synthetostroma actinostromoides</i>	laminar	sediments	14-18 mm	5-6	7-8	0.2 mm	0.1-0.15 mm	
26		18JW-a1-28	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2-3 mm	4-5	4-5	0.2-0.4 mm	0.2 mm	
27			<i>Stictostroma saginatum</i>	laminar	<i>Clathrocoilona</i> ; <i>Litophyllum</i>	2 mm					
28	NIGP177055	18JW-a1-29	? <i>Habrostroma laminosum</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	14 mm	1-2 mm	13-16	8	0.02 mm	0.1-0.15 mm
29			<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Gerronostromaria</i>	2 mm	1 mm				
30			<i>Gerronostromaria grossum</i>	laminar	sediments	6 mm					
31		18JW-a1-31	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i> ; solitary rugose coral	0.5 mm					
32		18JW-a1-32	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5 mm					
33			<i>Gerronostromaria grossum</i>	laminar	sediments	4 mm					
34		18JW-a1-33	<i>Clathrocoilona spissa</i>	laminar (fully encrusting)	<i>Cladopora</i>	2 mm	9-10	8-12	0.05-0.15 mm	0.05-0.15 mm	
35			<i>Stachyodes fasciculata</i>	dendroid	debris	4 mm					
36			<i>Stictostroma saginatum</i>	laminar	debris						
37		18JW-a2-0	<i>Stachyodes costulata</i>	dendroid	debris	3-4 mm					
38	NIGP177060	18JW-a2-0	<i>Stachyodes fasciculata</i>	dendroid	<i>Stachyodes</i>	4 mm					
39			<i>Stictostroma saginatum</i>	laminar (fully encrusting)		5-7mm					
40		18JW-a2-1	<i>Gerronostromaria grossum</i>	laminar	<i>Clathrocoilona</i> ; <i>Litophyllum</i>	5-6 mm	16	8	0.02 mm	0.1-0.2 mm	
41			<i>Clathrocoilona spissa</i>	laminar	sediments; <i>Gerronostromaria</i>	0.5 mm					
42		18JW-a2-2	<i>Gerronostromaria grossum</i>	laminar	debris	4 mm	14	7-8	0.02 mm	0.1-0.2 mm	
43			<i>Stictostroma saginatum</i>	laminar	debris						
44		18JW-a2-3	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Alveolites</i>	0.5 mm					
45			<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Alveolites</i>	1-2 mm					
46		18JW-a2-4	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	2-5 mm	7-10	7-10	0.1-0.2 mm	0.1-0.2 mm	
47		18JW-a2-5	<i>Stictostroma saginatum</i>	laminar	debris						
48		18JW-a2-6	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5 mm					
49			<i>Stachyodes fasciculata</i>	laminar	sediments	2-4 mm					
50		18JW-a2-7	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	2 mm	5-7	5-9	0.1-0.2 mm	0.1-0.2 mm	
51			<i>Stachyodes fasciculata</i>	laminar	<i>Litophyllum</i>	4 mm	2 mm				
52		18JW-a2-9	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	2 mm					
53		18JW-a2-10	<i>Stachyodes costulata</i>	dendroid	debris	6 mm					
54		18JW-a2-11	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Scoliopora</i> ; solitary rugose coral	1-2 mm					
55			<i>Stachyodes costulata</i>	dendroid	debris	5 mm					
56		18JW-a2-12	<i>Gerronostromaria grossum</i>	laminar	sediments	8 mm					
57			<i>Stachyodes fasciculata</i>	laminar	<i>Gerronostromaria</i>	1-2 mm					
58		18JW-a2-13	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Scoliopora</i>	14 mm	2 mm	6-8	5-12	0.1-0.2 mm	0.05-0.2 mm
59		18JW-a2-14	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Cladopora</i>	0.5 mm; 2 mm	6-8	5-8	0.1-0.2 mm	0.05-0.4 mm	

60	18JW-a2-15	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2-5 mm	0.5-1 mm					
61		<i>Stachyodes fasciculata</i>	laminar	<i>Litophyllum</i>	1-2 mm						
62	18JW-a2-16	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i> ; solitary rugose coral	2-3 mm	1-2 mm	6-8		8-9	0.1-0.2 mm	0.1-0.2 mm
63	18JW-a2-17	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1-2 mm	0.5-1 mm					
64	18JW-a2-18	<i>Gerronostromaria grossum</i>	laminar	sediments	10 mm						
65		<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	2-3 mm						
66		<i>Stictostroma saginatum</i>	laminar	<i>Clathrocoilona</i>	6 mm						
67	18JW-a2-19	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1-2 mm						
68		<i>Stictostroma saginatum</i>	laminar	debris							
69	18JW-a2-20	<i>Synthetostroma actinostromoides</i>	laminar	sediments	2-3 mm		5-6		7-8	0.15-0.2 mm	0.1-0.15 mm
70	18JW-a2-21	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1-5 mm	1-2 mm	6		4-11	0.02-0.2 mm	0.1-0.4 mm
71	18JW-a2-22	<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	solitary rugose coral	1-2 mm						
72	18JW-a2-24	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Cladopora</i>	1-3 mm	0.5-1 mm	6-7		7	0.1-0.15 mm	0.05-0.3 mm
73	18JW-a2-25	<i>Stachyodes fasciculata</i>	dendroid	debris	4 mm						
74	18JW-a2-26	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	3 mm						
75	18JW-a3-0	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1-2 mm	0.5-1 mm					
76		<i>Stictostroma saginatum</i>	laminar	debris							
77	18JW-a3-1	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	0.5-1 mm						
78	18JW-a3-4	<i>Stictostroma saginatum</i>	laminar	<i>Stachyodes</i>	2 mm		8-9		8-9	0.10 mm	0.05-0.1 mm
79		<i>Stachyodes fasciculata</i>	laminar	sediments	4 mm						
80	18JW-a3-5	<i>Clathrocoilona spissa</i>	laminar	<i>Thamnopora</i>	10 mm	0.5-1 mm	5-6		5-6	0.1-0.2 mm	0.1-0.3 mm
81	18JW-a3-6	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i> ; solitary rugose coral; <i>Litophyllum</i>	1-4 mm						
82	18JW-a3-7	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Stachyodes</i> ; solitary rugose coral	0.5 mm						
83		<i>Stictostroma saginatum</i>	laminar	debris							
84		<i>Stachyodes fasciculata</i>	dendroid	debris	8 mm						
85	18JW-a3-12	<i>Gerronostromaria grossum</i>	laminar	sediments	3 mm						
86		<i>Clathrocoilona spissa</i>	laminar	<i>Thamnopora</i>	0.5 mm						
87	18JW-a3-13	<i>Clathrocoilona spissa</i>	laminar	<i>Crassialveolites</i>	0.5-1 mm	0.5-1 mm					
88	18JW-a3-14	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Cladopora</i>	0.5-1 mm						
89	18JW-a3-15	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2 mm						
90		<i>Stachyodes costulata</i>	dendroid	debris	4 mm						
91	18JW-a3-16	<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	solitary rugose coral	3-5 mm	1 mm					
92	18JW-a3-18	<i>Gerronostromaria grossum</i>	laminar	sediments	14 mm						
93		<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	1-2 mm	0.5-1 mm					
94		<i>Stictostroma saginatum</i>	laminar	<i>Clathrocoilona</i>	8 mm		8-9		8-9	0.05-0.15 mm	0.1-0.2 mm
95	18JW-a3-19	<i>Stictostroma saginatum</i>	laminar	debris		8-9		8-9	8-9	0.05-0.15 mm	0.05-0.15 mm
96	18JW-a3-22	<i>Gerronostromaria grossum</i>	laminar	sediments	2 mm						
97		<i>Clathrocoilona spissa</i>	laminar	sediments	12 mm	1-2 mm					
98	18JW-a3-24	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1-2 mm						
99		<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	6 mm						
100	18JW-a3-26	<i>Gerronostromaria grossum</i>	laminar	sediments	8 mm	3 mm					
101		<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	3 mm	1 mm					
102	18JW-a3-27	<i>Gerronostromaria grossum</i>	laminar	sediments	12 mm	2-3 mm	12-13		7-8	0.02-0.05 mm	0.1-0.2 mm
103	18JW-a3-28	<i>Clathrocoilona spissa</i>	laminar	sediments	3-4 mm						
104		<i>Stictostroma saginatum</i>	laminar	<i>Litophyllum</i>	2-3 mm						
105	18JW-a3-30	<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	solitary rugose coral	14 mm	2-4 mm					
106	18JW-a3-31	<i>Gerronostromaria grossum</i>	laminar	sediments	12 mm						
107		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1-2 mm						
108	18JW-a3-33	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i> ; solitary rugose coral	2-3 mm		5-7		4-8	0.05-0.2 mm	0.05-0.4 mm
109	18JW-a3-34	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	0.5 mm						
110	18JW-a3-35	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1 mm						
111	18JW-a3-40	<i>Gerronostromaria grossum</i>	laminar	sediments	10mm	2-3mm	15-16		8-9	0.02 mm	0.1-0.15 mm
112	18JW-a3-41	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1 mm						
113		<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1.5-2 mm						
114	18JW-a3-42	<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	6 mm						
115	18JW-a3-43	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5-2mm						
116	18JW-a3-44	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Stictostroma</i>	0.5 mm						
117		<i>Stictostroma saginatum</i>	laminar	sediments	~4mm						
118	18JW-a3-45	<i>Gerronostromaria grossum</i>	laminar	sediments	2-8mm						
119	18JW-a3-46	<i>Gerronostromaria grossum</i>	laminar	sediments	8mm	4mm					

120		18JW-a5-0	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	2 mm		6-7	5-6	0.05-0.1 mm	0.05-0.3 mm
121	NIGP177047	18JW-a5-1	<i>Gerronostromaria grossum</i>	laminar	sediments	16mm	2-4mm	12-14	7-8	0.02-0.05 mm	0.1-0.2 mm
122		18JW-a5-2	<i>Stachyodes</i> sp.	laminar	<i>Gerronostromaria</i>	2 mm	1 mm				
123			<i>Stictostroma saginatum</i>	laminar	<i>Stachyodes</i>	2-3 mm					
124			<i>Gerronostromaria grossum</i>	laminar	sediments	4-5 mm					
125		18JW-a5-3	<i>Gerronostromaria grossum</i>	laminar	sediments	6-16mm					
126		18JW-a5-6	<i>Gerronostromaria grossum</i>	laminar	sediments	12mm		12-14	8-10	0.02-0.05 mm	0.1-0.15 mm
127		18JW-a5-7	<i>Gerronostromaria grossum</i>	laminar	sediments	20mm	3-6mm				
128		18JW-a5-9	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	0.2mm					
129			<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	8-10 mm	0.5-2mm				
130		18JW-a5-10	<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	0.5-1 mm					
131		18JW-a5-11	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2mm		6	5-10	0.05-0.2 mm	0.05-0.2 mm
132			<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2mm					
133		18JW-a5-12	<i>Gerronostromaria grossum</i>	laminar	<i>Stictostroma</i>						
134			<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	0.5-1 mm					
135		18JW-a5-14	<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria; Crassialveolites</i>	4mm		7-8	6-9	0.1-0.2 mm	0.1-0.2 mm
136		18JW-a5-15	<i>Clathrocoilona spissa</i>	laminar (fully encrusting)	solitary rugose coral	2mm		7-8	8-9	0.1-0.2 mm	0.05-0.15 mm
137		18JW-a5-16	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1 mm					
138		18JW-a5-17	<i>Gerronostromaria grossum</i>	laminar	sediments	4mm					
139		18JW-a5-18	<i>Stictostroma saginatum</i>	laminar	<i>Litophyllum</i>	4-12mm		7-8	8-9	0.05-0.1 mm	0.1-0.2 mm
140			<i>Stachyodes fasciculata</i>	laminar	sediments	8 mm					
141		18JW-a5-22	<i>Gerronostromaria grossum</i>	laminar	sediments	22mm	1-3mm	15	7-8	0.02 mm	0.1-0.15 mm
142			<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	0.5-1 mm					
143		18JW-a5-23	<i>Stachyodes fasciculata</i>	dendroid	debris	6 mm					
144		18JW-a5-24	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	6-10mm	1-2mm	9-12	7-12	0.1-0.2 mm	0.05-0.2 mm
145			<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Clathrocoilona</i>	1-2 mm					
146		18JW-a5-25	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1mm					
147			<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	solitary rugose coral	4-5 mm	1-2 mm				
148		18JW-a5-26	<i>Stachyodes fasciculata</i>	dendroid (semi-encrusting)	solitary rugose coral	6mm					
149		18JW-a5-28	<i>Stictostroma saginatum</i>	laminar	debris						
150		18JW-a5-29	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1.5mm					
151			<i>Stachyodes costulata</i>	dendroid	debris	14-18mm					
152		18JW-a5-32	<i>Gerronostromaria grossum</i>	laminar	sediments	5 mm	2 mm				
153		18JW-a5-34	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora; solitary rugose coral</i>	2mm					
154		18JW-a5-35	<i>Gerronostromaria grossum</i>	laminar	sediments; <i>Stictostroma</i>	4-8mm					
155			<i>Stictostroma saginatum</i>	laminar	<i>Gerronostromaria</i>	2mm					
156		18JW-a5-37	<i>Stictostroma saginatum</i>	laminar	debris						
157		18JW-a5-40	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1mm					
158			<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	2-3mm					
159		18JW-a5-44	<i>Gerronostromaria grossum</i>	laminar	sediments	4 mm					
160		18JW-a6-1	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1-2mm					
161		18JW-a6-4	<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	solitary rugose coral	1-2mm		9-10	9-10	0.1-0.15 mm	0.05-0.15 mm
162		18JW-a6-5	<i>Clathrocoilona spissa</i>	laminar (fully encrusting)	solitary rugose coral	1-2mm					
163		18JW-a6-6	<i>Gerronostromaria grossum</i>	laminar	sediments	8mm	4mm				
164			<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1mm					
165			<i>Stictostroma saginatum</i>	laminar	debris						
166		18JW-a6-7	<i>Gerronostromaria grossum</i>	laminar	sediments	1-2mm					
167		18JW-a6-8	<i>Gerronostromaria grossum</i>	laminar	sediments	10mm					
168		18JW-a6-10	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1mm					
169			<i>Stachyodes fasciculata</i>	laminar	<i>Litophyllum</i>	12 mm					
170		18JW-a6-11	<i>Gerronostromaria grossum</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	6 mm	3 mm				
171			<i>Stictostroma saginatum</i>	laminar	debris						
172		18JW-a6-13	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	0.2mm					
173		18JW-a6-14	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites ; Thamnopora</i>	0.5-1.5mm					
174			<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Clathrocoilona</i>	1-2 mm					
175	NIGP177053	18JW-a6-15	<i>Pseudotrupetostroma porosum</i>	laminar	sediments	44 mm					
176		18JW-a6-16	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	2 mm					
177		18JW-a6-20	<i>Gerronostromaria grossum</i>	laminar	sediments	8 mm	2mm				
178		18JW-a6-22	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5 mm					
179		18JW-a6-23	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	1 mm					

180	18JW-a6-24	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i> ; solitary rugose coral sediments	1-2 mm						
181	18JW-a7-1	<i>Gerronostromaria grossum</i>	laminar		7-10 mm	2-3mm					
182	18JW-a7-2	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i> ; solitary rugose coral debris	2-6 mm	1-2mm	5	4	0.2 mm	0.2-0.4 mm	
183		<i>Stachyodes fasciculata</i>	dendroid		5 mm						
184	18JW-a7-3	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	Crassi; solitary rugose coral debris	2-4 mm		5-6	7-10	0.1-0.2 mm	0.05-0.2 mm	
185	18JW-a7-4	<i>Stictostroma saginatum</i>	laminar		0.5 mm						
186	18JW-a7-5	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1 mm						
187	18JW-a7-6	<i>Stictostroma saginatum</i>	laminar	sediments	4 mm						
188	18JW-a7-7	<i>Gerronostromaria grossum</i>	laminar	sediments	2-4 mm						
189		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i> ; <i>Stachyodes</i> ; rugose coral	4-5 mm						
190		<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	6mm	1mm					
191	18JW-a7-8	<i>Gerronostromaria grossum</i>	laminar	sediments	6mm	0.3-1mm	6	6-9	0.1-0.2 mm	0.1-0.2 mm	
192	18JW-a7-9	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	4mm						
193	18JW-a7-10	<i>Stictostroma saginatum</i>	laminar	sediments	~4mm						
194	18JW-a7-12	<i>Gerronostromaria grossum</i>	laminar	sediments	2-4mm		6	5	0.1-0.2 mm	0.1-0.2 mm	
195	18JW-a7-13	<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	6mm	2mm					
196		<i>Gerronostromaria grossum</i>	laminar	sediments	3mm						
197	18JW-a7-16	<i>Stictostroma saginatum</i>	laminar	debris	2mm						
198		<i>Gerronostromaria grossum</i>	laminar	sediments	2-4mm	3 mm					
199	18JW-a7-17	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1mm						
200	18JW-a7-18	<i>Clathrocoilona spissa</i>	laminar	<i>Stachyodes</i>	10-14 mm						
201		<i>Stachyodes fasciculata</i>	laminar	sediments	2-4mm	5-6					
202	18JW-a7-19	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	1mm						
203		<i>Stictostroma saginatum</i>	laminar	debris							
204	18JW-a8-0	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral/ <i>Thamnopora</i>	1-2mm						
205		<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1-2mm						
206	18JW-a8-2	<i>Stachyodes fasciculata</i>	bulbous (semi-encrusting)	<i>Thamnopora</i> ; <i>Litophyllum</i>	14x18mm						
207	18JW-a8-3	<i>Stachyodes fasciculata</i>	bulbous	sediments	26 mm						
208	18JW-a8-5	<i>Gerronostromaria grossum</i>	laminar	sediments	10mm						
209	18JW-a8-8	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2mm						
210	18JW-a8-10	<i>Clathrocoilona spissa</i>	laminar (fully encrusting)	solitary rugose coral	2mm						
211	18JW-a8-15	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	4-6mm	2-3mm	9-10	8-9	0.05-0.1 mm	0.1-0.2 mm	
212	18JW-a8-17	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	2mm		6-7	10-11	0.1-0.2 mm	0.05-0.2 mm	
213	18JW-a8-18	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2mm						
214		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2mm						
215		<i>Gerronostromaria grossum</i>	laminar	sediments	6-8mm	2-3mm					
216	18JW-a8-19	<i>Stictostroma saginatum</i>	laminar	<i>Crassialveolites</i>	3-4mm						
217	18JW-a8-20	<i>Clathrocoilona spissa</i>	laminar (fully encrusting)	solitary rugose coral	0.5-1mm						
218	18JW-a9-0	<i>Stictostroma saginatum</i>	laminar	<i>Gerronostromaria</i>	8mm	2mm					
219		<i>Gerronostromaria grossum</i>	laminar	sediments	6 mm						
220	18JW-a9-2	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	0.5-1mm						
221	18JW-a9-6	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	0.5-1mm						
222	18JW-a9-7	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	2mm		6-7	5-6	0.05-0.2 mm	0.1-0.2 mm	
223	18JW-a9-8	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5-1mm						
224	18JW-a9-9	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2mm		5-6	7-8	0.1-0.2 mm	0.1-0.2 mm	
225		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2mm						
226		<i>Gerronostromaria grossum</i>	laminar	sediments	6 mm						
227	18JW-a9-10	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i> ; <i>Litophyllum</i>	1-4mm						
228		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	3-6mm						
229	18JW-a9-12	<i>Stictostroma saginatum</i>	laminar	debris							
230	18JW-a9-15	<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	1-2mm						
231	18JW-a9-16	<i>Clathrocoilona spissa</i>	laminar	sediments	2mm		6-7	7-8	0.05-0.2 mm	0.1-0.2 mm	
232	18JW-a9-17	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1-2mm						
233	18JW-a9-19	<i>Gerronostromaria grossum</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1-2mm						
234	18JW-a9-20	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	1mm						
235	18JW-a9-21	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	1-2mm						
236	18JW-a9-22	<i>Gerronostromaria grossum</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	3-4 mm						
237	18JW-a9-24	<i>Gerronostromaria grossum</i>	laminar	? <i>Habrostroma</i>	8-10mm		12-14	9-10	0.02-0.05 mm	0.1-0.15 mm	
238		<i>Clathrocoilona spissa</i>	laminar	<i>Stictostroma</i>	0.5-1mm						
239		? <i>Habrostroma laminosum</i>	laminar	<i>Stictostroma</i>	0.5mm						







420	18JW-a17-0	<i>Gerronostromaria grossum</i>	laminar	sediments; solitary rugose coral	10-12mm	3-4mm						
421	18JW-a17-1	<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	8mm							
422	18JW-a17-2	<i>Gerronostromaria grossum</i>	laminar	sediments	10mm	2-4mm						
423	18JW-a17-5	<i>Gerronostromaria grossum</i>	laminar	sediments	6-10mm	3mm						
424	18JW-a17-6	<i>Gerronostromaria grossum</i>	laminar	sediments	4mm							
425		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5-1mm							
426	18JW-a17-7	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1mm							
427		<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	solitary rugose coral	8mm							
428	18JW-a17-9	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1mm							
429		<i>Gerronostromaria grossum</i>	laminar	sediments	6-8mm							
430		<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	20x20mm							
431	18JW-a17-10	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1-2mm							
432		<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	1-2mm							
433	18JW-a17-12	<i>Clathrocoilona spissa</i>	laminar	<i>Litophyllum</i>	0.5mm							
434		<i>Gerronostromaria grossum</i>	laminar	sediments	4 mm							
435		<i>Stachyodes</i> sp.	laminar	<i>Clathrocoilona</i>	1 mm							
436	18JW-a17-13	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	12mm	2-4mm	9-10		9-10	0.05-0.1 mm	0.02-0.1 mm	
437		<i>Gerronostromaria grossum</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2 mm							
438		<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2mm							
439	18JW-a17-14	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	0.5-2mm							
440	18JW-a17-15	<i>Stictostroma saginatum</i>	laminar	debris								
441	18JW-a17-16	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Litophyllum; Cladopora</i>	1-2mm		5-6		5-6	0.1-0.2 mm	0.2-0.3 mm	
442	18JW-a17-18	<i>Gerronostromaria grossum</i>	laminar	sediments	6-7mm	1-4mm						
443	18JW-a17-19	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5 mm							
444	18JW-a17-20	<i>Gerronostromaria grossum</i>	laminar	sediments	14mm	4-6mm						
445	18JW-a17-21	<i>Gerronostromaria grossum</i>	laminar	sediments	14mm	1-2mm						
446	18JW-a17-22	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	4mm	1-2mm	9-10		9-10	0.05-0.1 mm	0.05-0.1 mm	
447	18JW-a17-24	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1mm							
448		<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	solitary rugose coral; <i>Crassialveolites</i>	4mm							
449	18JW-a17-25	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5mm							
450	18JW-a17-27	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	0.5mm							
451	18JW-a17-28	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5mm							
452	18JW-a18-2	<i>Gerronostromaria grossum</i>	laminar	sediments	>20mm	4mm	15-16		9-10	0.02 mm	0.1-0.15 mm	
453	18JW-a18-5	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Cladopora; Thamnopora</i>	1-2mm	5-6	6-8		6-8	0.1-0.2 mm	0.1-0.2 mm	
454		<i>Stictostroma saginatum</i>	laminar	debris								
455	18JW-a18-6	<i>Gerronostromaria grossum</i>	laminar	sediments	4-6mm							
456	18JW-a18-7	<i>Gerronostromaria grossum</i>	laminar	sediments	>20mm							
457	18JW-a18-8	<i>Gerronostromaria grossum</i>	laminar (semi-encrusting)	solitary rugose coral	2 mm							
458	18JW-a18-9	<i>Stictostroma saginatum</i>	laminar	<i>Litophyllum</i>	6 mm							
459	18JW-a18-10	<i>Clathrocoilona spissa</i>	laminar	<i>Stachyodes</i>	1-2 mm							
460		<i>Stachyodes fasciculata</i>	laminar	<i>Gerronostromaria</i>	8 mm							
461		<i>Gerronostromaria grossum</i>	laminar	sediments	10 mm							
462	18JW-a18-11	<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2 mm	1 mm						
463	18JW-a18-12	<i>Gerronostromaria grossum</i>	laminar	sediments	4 mm							
464	18JW-a18-13	<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	2 mm							
465		<i>Gerronostromaria grossum</i>	laminar	sediments	8mm							
466	18JW-a18-16	<i>Gerronostromaria grossum</i>	laminar	<i>Stictostroma</i>	6-8mm							
467		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	2 mm							
468		<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	4mm							
469	18JW-a18-19	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1-2mm							
470	18JW-a18-22	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1-2mm							
471		<i>Stictostroma saginatum</i>	laminar	debris			9-10		7-9	0.05-0.1 mm	0.05-0.1 mm	
472	18JW-a18-23	<i>Stachyodes fasciculata</i>	laminar	sediments	8 mm	1 mm						
473	18JW-a18-26	<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1-2mm							
474		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	0.5mm							
475	18JW-a18-27	<i>Clathrocoilona spissa</i>	laminar	<i>Stachyodes</i>	2 mm	0.5-1 mm						
476		<i>Gerronostromaria grossum</i>	laminar	sediments	6 mm							
477		<i>Stachyodes fasciculata</i>	laminar	<i>Gerronostromaria</i>	4-5 mm							
478	18JW-a19-0	<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	0.5-2mm							
479	18JW-a19-3	<i>Gerronostromaria grossum</i>	laminar	sediments	>14mm		13-15		9-10	0.02 mm	0.1-0.15 mm	

480	18JW-a19-5	<i>Gerronostromaria grossum</i>	laminar	sediments	10mm						
481	18JW-a19-7	<i>Gerronostromaria grossum</i>	laminar	sediments	4 mm						
482	18JW-a19-8	<i>Gerronostromaria grossum</i>	laminar	sediments	30mm						
483	18JW-a19-9	<i>Gerronostromaria grossum</i>	laminar	sediments	6 mm						
484		<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	1 mm						
485	18JW-a19-11	<i>Gerronostromaria grossum</i>	laminar	sediments	5-8mm						
486		<i>Stachyodes</i> sp.	laminar	<i>Gerronostromaria</i>	4mm	0.5-1mm					
487	18JW-a19-15	<i>Clathrocoilona spissa</i>	laminar (fully encrusting)	solitary rugose coral	1-2mm						
488	18JW-a19-17	<i>Gerronostromaria grossum</i>	laminar	sediments	12 mm						
489		<i>Stictostroma saginatum</i>	laminar	sediments	12 mm						
490	18JW-a19-19	<i>Clathrocoilona spissa</i>	laminar (fully encrusting)	<i>Stachyodes</i>	1-2 mm						
491		<i>Stachyodes fasciculata</i>	laminar	<i>Alveolites</i>	4 mm						
492		<i>Stachyodes costulata</i>	dendroid	unknown	6 mm						
493	18JW-a19-21	<i>Gerronostromaria grossum</i>	laminar	sediments	20mm		12-13	7-9	0.02-0.05 mm	0.05-0.15 mm	
494	18JW-a19-22	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral; <i>Thamnopora</i>	1mm						
495	18JW-a20-8	<i>Gerronostromaria grossum</i>	laminar	sediments	>12mm	1-4mm					
496	18JW-a20-9	<i>Clathrocoilona spissa</i>	laminar	<i>Litophyllum</i>	2mm		5-6	6-8	0.1-0.2 mm	0.05-0.15 mm	
497		<i>Gerronostromaria grossum</i>	laminar	sediments	8mm	2mm					
498	18JW-a20-10	<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Litophyllum</i> ; <i>Thamnopora</i>	2mm						
499		<i>Gerronostromaria grossum</i>	laminar	sediments	4 mm						
500		<i>Stachyodes costulata</i>	dendroid (semi-encrusting)	<i>Gerronostromaria</i>	5 mm						
501	18JW-a20-11	<i>Gerronostromaria grossum</i>	laminar	sediments; <i>Thamnopora</i>	3mm						
502	18JW-a20-12	<i>Gerronostromaria grossum</i>	laminar	sediments	3mm						
503	18JW-a20-13	<i>Gerronostromaria grossum</i>	laminar (semi-encrusting)	sediments; solitary rugose coral	12mm	2-3mm					
504	18JW-a20-14	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2mm		5-6	4-7	0.05-0.2 mm	0.1-0.2 mm	
505	18JW-a20-15	<i>Stictostroma saginatum</i>	laminar	sediments	4mm						
506	18JW-a20-16	<i>Gerronostromaria grossum</i>	laminar	sediments	12mm						
507		<i>Stachyodes costulata</i>	dendroid	debris	4mm						
508		<i>Stachyodes fasciculata</i>	laminar	sediments	3-4 mm						
509	18JW-a20-17	<i>Clathrocoilona spissa</i>	laminar	sediments	6mm	0.5-1 mm	6-8	5-6	0.1-0.2 mm	0.1-0.2 mm	
510	18JW-a20-18	<i>Gerronostromaria grossum</i>	laminar	sediments	6-8mm						
511	18JW-a20-19	<i>Gerronostromaria grossum</i>	laminar	sediments	12-15mm		13-14	8-9	0.02 mm	0.1-0.15 mm	
512	18JW-a20-20	<i>Clathrocoilona spissa</i>	laminar (fully encrusting)	solitary rugose coral	1-2mm						
513		<i>Stictostroma saginatum</i>	laminar	sediments	4-5mm						
514	18JW-a20-21	<i>Gerronostromaria grossum</i>	laminar (semi-encrusting)	sediments; solitary rugose coral	6mm	3-4mm					
515	18JW-a20-22	<i>Stachyodes fasciculata</i>	dendroid	debris							
516		<i>Gerronostromaria grossum</i>	laminar	sediments	3-4mm						
517	18JW-a20-23	<i>Gerronostromaria grossum</i>	laminar	sediments	8-14mm						
518	18JW-a21-1	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	2mm		4-5	4-5	0.1-0.2 mm	0.1-0.3 mm	
519	18JW-a21-2	<i>Clathrocoilona spissa</i>	laminar	sediments	1-2 mm						
520		<i>Gerronostromaria grossum</i>	laminar	<i>Clathrocoilona</i>	4 mm						
521	18JW-a21-3	<i>Stictostroma saginatum</i>	laminar	<i>Soliopora</i>	1-2 mm						
522	18JW-a21-5	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	1-2mm						
523	18JW-a21-7	<i>Stachyodes costulata</i>	dendroid	debris	4-5mm						
524	18JW-a21-10	<i>Gerronostromaria grossum</i>	laminar	sediments	>12mm						
525	18JW-a21-12	<i>Gerronostromaria grossum</i>	laminar	sediments	4mm						
526	18JW-a21-13	<i>Gerronostromaria grossum</i>	laminar	sediments	22mm		11-12	8-9	0.02 mm	0.1 mm	
527	18JW-a21-14	<i>Gerronostromaria grossum</i>	laminar	sediments	6mm						
528		<i>Clathrocoilona spissa</i>	laminar	sediments	2-3mm						
529	18JW-a21-15	<i>Gerronostromaria grossum</i>	laminar	sediments	6-10mm						
530	18JW-a21-16	<i>Gerronostromaria grossum</i>	laminar	sediments	18mm	4mm	12	8-9	0.02 mm	0.05-0.15 mm	
531	18JW-a21-18	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	0.5mm						
532	18JW-a21-19	<i>Gerronostromaria grossum</i>	laminar	sediments	14mm	2-3mm					
533		<i>Stachyodes fasciculata</i>	laminar	<i>Gerronostromaria</i>	16 mm	8 mm					
534	18JW-a22-0	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1-2mm						
535	18JW-a22-2	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral; <i>Litophyllum</i>	3 mm						
536	18JW-a22-3	<i>Stictostroma saginatum</i>	laminar	sediments	4mm		8-9	8-9	0.1-0.2 mm	0.1-0.2 mm	
537	18JW-a22-4	<i>Gerronostromaria grossum</i>	laminar	<i>Clathrocoilona</i>	3 mm						
538		<i>Clathrocoilona spissa</i>	laminar	<i>Stachyodes</i>	3-4 mm						
539		<i>Stachyodes fasciculata</i>	laminar	sediments	5 mm						

540	18JW-a22-5	<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	4mm		5-6		0.1-0.2 mm	0.1-0.2 mm
541		<i>Stachyodes costulata</i>	dendroid	debris	5 mm					
542		<i>Gerronostromaria grossum</i>	laminar	sediments	8-10mm	4mm				
543	18JW-a22-8	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1-2mm					
544	18JW-a22-10	<i>Gerronostromaria grossum</i>	laminar	sediments	6mm					
545	18JW-a22-12	<i>Gerronostromaria grossum</i>	laminar (semi-encrusting)	solitary rugose coral	3 mm					
546	18JW-a22-13	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	0.5mm					
547	18JW-a22-18	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Stachyodes; sediments</i>	2-3mm					
548		<i>Stachyodes fasciculata</i>	dendroid (semi-encrusting)	<i>Gerronostromaria</i>	4-6mm					
549		<i>Gerronostromaria grossum</i>	laminar	sediments	14mm					
550	18JW-a22-19	<i>Clathrocoilona spissa</i>	laminar	<i>Stachyodes</i>	4mm		8-10	8-10	0.05-0.2 mm	0.05-0.2 mm
551		<i>Gerronostromaria grossum</i>	laminar	sediments	14mm	2-4mm				
552		<i>Stachyodes</i> sp.	laminar	<i>Gerronostromaria</i>	1mm					
553	18JW-a22-20	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	2-3 mm		5-6	4-5	0.2 mm	0.2-0.3 mm
554		<i>Stachyodes fasciculata</i>	dendroid	debris	6-12 mm					
555	18JW-a22-21	<i>Stachyodes fasciculata</i>	laminar	sediments	20 mm					
556	18JW-a22-24	<i>Gerronostromaria grossum</i>	laminar	sediments	20mm					
557		<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	4mm					
558	18JW-a22-25	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Stachyodes costulata</i>	2mm					
559		<i>Stachyodes costulata</i>	dendroid	debris	8mm					
560	18JW-a22-27	<i>Gerronostromaria grossum</i>	laminar	sediments	>18mm					
561	NIGP177048	18JW-a22-29	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	2-4mm	6-8	4-9	0.1-0.2 mm	0.05-0.3 mm
562		18JW-a22-30	<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	<i>Thamnopora; sediments</i>	6mm	2mm			
563		18JW-a22-31	<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	<i>Thamnopora; sediments</i>	4mm	1-2mm			
564		18JW-a22-32	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1-2mm				
565		18JW-a22-33	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5-1mm				
566		18JW-a22-34	<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	4-6 mm	3 mm	6-7	5-6	0.1-0.2 mm
567		<i>Gerronostromaria grossum</i>	laminar	sediments	3 mm					
568		18JW-a22-36	<i>Stachyodes costulata</i>	dendroid	debris	3 mm				
569		18JW-a22-39	<i>Stachyodes costulata</i>	dendroid	debris	6mm				
570		<i>Stachyodes</i> sp.	laminar	<i>Gerronostromaria</i>	5mm	1-2mm				
571		18JW-a23-1	<i>Gerronostromaria grossum</i>	laminar	sediments	8mm				
572		18JW-a23-3	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1-4mm		6-7	6-9	0.1-0.2 mm
573		18JW-a23-5	<i>Stachyodes fasciculata</i>	laminar	sediments	12 mm	4 mm			
574		18JW-a23-6	<i>Gerronostromaria grossum</i>	laminar	sediments	15mm	4-6mm			
575		<i>Stachyodes fasciculata</i>	laminar	<i>Gerronostromaria</i>	4 mm					
576		18JW-a23-7	<i>Stachyodes costulata</i>	dendroid (semi-encrusting)	<i>Stachyodes</i>	4mm (Diameter)				
577		<i>Stachyodes fasciculata</i>	bulbous (fully encrusting)	<i>Stachyodes</i>	32mm (width)					
578		18JW-a23-9	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	1-2mm		5-6	6-7	0.1-0.2 mm
579		<i>Clathrocoilona spissa</i>	laminar	<i>Litophyllum; Stictostroma; Crassialveolites</i>	2mm					
580		<i>Stictostroma saginatum</i>	laminar	sediments	2-4 mm					
581		18JW-a23-10	<i>Clathrocoilona spissa</i>	laminar	sediments	2-3 mm				
582		<i>Stachyodes costulata</i>	dendroid	debris	4-5mm					
583		<i>Stachyodes fasciculata</i>	dendroid	debris	3-4 mm					
584		<i>Stictostroma saginatum</i>	laminar	debris						
585		18JW-a23-11	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5-1mm				
586		18JW-a23-12	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5-1mm				
587		<i>Stachyodes fasciculata</i>	dendroid	debris	5 mm					
588		18JW-a23-13	<i>Clathrocoilona spissa</i>	laminar	<i>Alveolites</i>	0.5-2 mm				
589		18JW-a23-14	<i>Gerronostromaria grossum</i>	laminar	sediments	3mm				
590		18JW-a23-15	<i>Stachyodes fasciculata</i>	bulbous (semi-encrusting)	<i>Stachyodes</i>	12mm				
591		<i>Stachyodes costulata</i>	dendroid	debris	4 mm					
592		18JW-a23-17	<i>Stachyodes costulata</i>	dendroid	debris	5-7mm				
593		18JW-a23-18	<i>Gerronostromaria grossum</i>	laminar	sediments	4mm				
594		<i>Stictostroma saginatum</i>	laminar	<i>Gerronostromaria</i>	6mm					
595		18JW-a23-19	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Stictostroma; Stachyodes</i>	2mm		4-5	5-7	0.1-0.2 mm
596		<i>Stachyodes costulata</i>	dendroid	debris	6mm					
597		<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	<i>Stachyodes</i>	2mm					
598		18JW-a23-20	<i>Stictostroma saginatum</i>	laminar	debris					
599		18JW-a23-22	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1 mm				

600		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	0.5mm						
601	18JW-a24-1	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Scoliopora</i>	1-2mm						
602	18JW-a24-2	<i>Gerronostromaria grossum</i>	laminar (semi-encrusting)	solitary rugose coral	2 mm						
603	18JW-a24-7	<i>Gerronostromaria grossum</i>	laminar	sediments	6mm						
604	18JW-a24-9	<i>Stictostroma saginatum</i>	laminar	sediments	7 mm						
605		<i>Gerronostromaria grossum</i>	laminar	sediments	10mm						
606	18JW-a24-12	<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	0.5mm						
607	18JW-a24-13	<i>Stachyodes fasciculata</i>	dendroid	debris	6 mm						
608		<i>Gerronostromaria grossum</i>	laminar	sediments	4mm						
609	18JW-a24-15	<i>Gerronostromaria grossum</i>	laminar	sediments	10-20mm						
610	18JW-a24-16	<i>Stachyodes fasciculata</i>	laminar	sediments	20 mm						
611	NIGP177057	<i>Parallelopora</i> sp.	laminar	<i>Stachyodes</i>	8 mm						
612		<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	1-2mm						
613		<i>Stictostroma saginatum</i>	laminar	<i>Stachyodes</i>	3-5mm						
614		<i>Gerronostromaria grossum</i>	laminar	sediments	3mm						
615		<i>Stachyodes fasciculata</i>	laminar	<i>Clathrocoilona</i>	1-2 mm						
616		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Stachyodes</i>	1-2 mm						
617		<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1mm						
618		<i>Gerronostromaria grossum</i>	laminar	debris							
619		<i>Stachyodes fasciculata</i>	dendroid	debris	4 mm						
620		<i>Stachyodes fasciculata</i>	laminar	sediments	8 mm						
621		<i>Gerronostromaria grossum</i>	laminar	sediments	4mm						
622		<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	5 mm						
623		<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	solitary rugose coral	4 mm						
624		<i>Gerronostromaria grossum</i>	laminar	sediments	8mm						
625		<i>Stachyodes fasciculata</i>	laminar	sediments	12 mm	5 mm					
626		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Thamnopora</i>	1-2mm						
627		<i>Stachyodes fasciculata</i>	laminar	sediments	6 mm	2 mm					
628		<i>Gerronostromaria grossum</i>	laminar	sediments	3mm						
629	18JW-a25-3	<i>Gerronostromaria grossum</i>	laminar	sediments	14mm						
630	18JW-a25-7	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Cladopora</i>	1-2mm						
631	18JW-a25-8	<i>Stachyodes fasciculata</i>	laminar	sediments	10 mm						
632	18JW-a25-10	<i>Stictostroma saginatum</i>	laminar (semi-encrusting)	<i>Thamnopora</i> ; sediments	4mm	1-2mm	8-9	8-9	0.05-0.1 mm	0.05-0.15 mm	
633	18JW-a25-13	<i>Clathrocoilona spissa</i>	laminar	<i>Aliveolites</i>	3-4 mm						
634		<i>Stictostroma saginatum</i>	laminar	<i>Cladopora</i>	6 mm						
635	18JW-a25-15	<i>Stachyodes costulata</i>	dendroid	debris	5 mm						
636	18JW-a25-18	<i>Clathrocoilona spissa</i>	laminar	<i>Stictostroma</i>	4 mm	2 mm					
637		<i>Stictostroma saginatum</i>	laminar	sediments	4-5 mm						
638	18JW-a25-20	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	6mm		6-7	7-8	0.1-0.2 mm	0.1-0.2 mm	
639	18JW-a25-21	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	1-2 mm						
640	18JW-a25-22	<i>Stachyodes costulata</i>	dendroid	debris	6mm						
641		<i>Stachyodes fasciculata</i>	dendroid	debris	4-12 mm						
642	18JW-a25-23	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Stachyodes</i>	1 mm						
643		<i>Stachyodes costulata</i>	dendroid	debris	6mm						
644		<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Stachyodes</i>	4 mm	2 mm					
645	18JW-a25-24	<i>Stachyodes fasciculata</i>	dendroid (semi-encrusting)	<i>Stachyodes</i>	3mm						
646	18JW-a25-25	<i>Gerronostromaria grossum</i>	laminar	sediments; <i>Thamnopora</i>	12mm						
647	18JW-a25-27	<i>Stachyodes costulata</i>	dendroid	debris	4 mm						
648	18JW-a25-28	<i>Stachyodes fasciculata</i>	laminar	sediments	8 mm						
649	18JW-a25-31	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Clathrocoilona</i>	10mm	1-2mm	10-12	9-10	0.05-0.1 mm	0.1 mm	
650		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	12mm						
651	18JW-a25-33	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	0.5-1mm						
652	18JW-a25-34	<i>Gerronostromaria grossum</i>	laminar	debris							
653	18JW-a26-1	<i>Gerronostromaria grossum</i>	laminar	sediments	>16mm		13	8-9	0.02-0.05 mm	0.1-0.15 mm	
654	18JW-a26-4	<i>Stachyodes costulata</i>	dendroid	debris	5 mm						
655	18JW-a26-7	<i>Stachyodes costulata</i>	dendroid	debris	4 mm						
656		<i>Stachyodes fasciculata</i>	dendroid	debris	7-9 mm						
657	18JW-a26-9	<i>Gerronostromaria grossum</i>	laminar	sediments	17 mm						
658		<i>Gerronostromaria grossum</i>	laminar	sediments	6 mm						
659	18JW-a26-12	<i>Gerronostromaria grossum</i>	laminar	sediments	14 mm	7 mm					



720	18JW-a29-24	<i>Clathrocoilona spissa</i>	laminar	sediments	8mm	1-2 mm	5-6	7-8	0.05-0.1 mm	0.05-0.1 mm
721		<i>Stachyodes costulata</i>	dendroid	debris	4mm					
722		<i>Stachyodes fasciculata</i>	dendroid	debris	6-8 mm					
723	18JW-a29-26	<i>Stachyodes costulata</i>	dendroid	debris	6mm					
724		<i>Stachyodes fasciculata</i>	dendroid	debris	>10 mm					
725	18JW-a29-27	<i>Stachyodes costulata</i>	dendroid	debris	4 mm					
726		<i>Stachyodes fasciculata</i>	dendroid	debris	4 mm					
727		<i>Stictostroma saginatum</i>	laminar	sediments			9-10	8-9	0.05-0.1 mm	0.05-0.1 mm
728	18JW-a29-28	<i>Gerronostromaria grossum</i>	laminar	sediments	6mm					
729	18JW-a29-29	<i>Stachyodes costulata</i>	dendroid	debris	7mm					
730		<i>Stachyodes fasciculata</i>	dendroid	debris	5 mm					
731		<i>Clathrocoilona spissa</i>	laminar	<i>Litophyllum</i>	2mm					
732	18JW-a29-30	<i>Stachyodes costulata</i>	dendroid	debris	5mm					
733		<i>Stictostroma saginatum</i>	laminar	debris						
734	18JW-a29-31	<i>Stachyodes costulata</i>	dendroid	debris	5mm					
735		<i>Stachyodes fasciculata</i>	dendroid	debris	4-5 mm					
736		<i>Stictostroma saginatum</i>	laminar	debris						
737	18JW-a29-32	<i>Stachyodes costulata</i>	dendroid	debris	5mm					
738		<i>Stachyodes fasciculata</i>	dendroid	debris	5mm					
739	18JW-a29-33	<i>Stachyodes fasciculata</i>	dendroid	debris	4-5 mm					
740		<i>Stictostroma saginatum</i>	laminar	debris						
741		<i>Gerronostromaria grossum</i>	laminar	sediments	5mm					
742	18JW-a30-1	<i>Stachyodes costulata</i>	dendroid	debris	4mm					
743	18JW-a30-2	<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	2-3 mm					
744		<i>Stachyodes costulata</i>	dendroid	debris	6mm					
745		<i>Stictostroma saginatum</i>	laminar	<i>Gerronostromaria</i>	2mm					
746		<i>Gerronostromaria grossum</i>	laminar (semi-encrusting)	sediments; <i>Thamnopora</i>	8-10mm					
747	18JW-a30-3	<i>Stictostroma saginatum</i>	laminar	<i>Gerronostromaria</i>	7 mm					
748		<i>Gerronostromaria grossum</i>	laminar	sediments	5 mm					
749	18JW-a30-6	<i>Stachyodes costulata</i>	dendroid	debris	14mm					
750	18JW-a30-7	<i>Stachyodes fasciculata</i>	laminar (semi-encrusting)	<i>Cladopora</i> ; <i>Thamnopora</i>	4-5 mm					
751		<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Cladopora</i> ; <i>Thamnopora</i>	4 mm					
752	18JW-a30-9	<i>Gerronostromaria grossum</i>	laminar	sediments	18mm	2mm	12-13	9-10	0.02 mm	0.1-0.15 mm
753	18JW-a30-12	<i>Stachyodes costulata</i>	dendroid	debris	4 mm					
754		<i>Gerronostromaria grossum</i>	laminar	sediments	6mm	2-4mm				
755		<i>Stachyodes</i> sp.	laminar	<i>Gerronostromaria</i>	4mm	1mm				
756	18JW-a30-16	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	0.5mm					
757	18JW-a30-17	<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	2 mm	5-6	7-8	0.1-0.2 mm	0.1-0.2 mm	
758		<i>Gerronostromaria grossum</i>	laminar	sediments	5 mm					
759	18JW-a30-18	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Crassialveolites</i>	0.5mm					
760	18JW-a30-22	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	solitary rugose coral	4 mm					
761	18JW-a30-23	<i>Gerronostromaria grossum</i>	laminar	sediments	22mm	13	9	0.02 mm	0.1 mm	
762		<i>Clathrocoilona spissa</i>	laminar	<i>Gerronostromaria</i>	3mm					
763		<i>Stachyodes fasciculata</i>	laminar	<i>Stachyodes</i>	0.5 mm					
764	18JW-a30-24	<i>Gerronostromaria grossum</i>	laminar (semi-encrusting)	sediments; <i>Thamnopora</i>	2-3 mm					
765	18JW-a30-25	<i>Clathrocoilona spissa</i>	laminar (fully encrusting)	solitary rugose coral	2-4 mm					
766	18JW-a30-26	<i>Gerronostromaria grossum</i>	laminar	sediments	4-6mm					
767	NIGP177063	<i>Stachyodes</i> sp.	laminar	<i>Gerronostromaria</i>	4mm	2mm				
768	18JW-a30-27	<i>Gerronostromaria grossum</i>	laminar	sediments	4mm					
769	18JW-a30-28	<i>Stictostroma saginatum</i>	laminar (semi-encrusting)							
770	18JW-a30-29	<i>Gerronostromaria grossum</i>	laminar	sediments	8 mm	1-2 mm				
771		<i>Clathrocoilona spissa</i>	laminar	sediments	2mm					
772	18JW-a30-31	<i>Clathrocoilona spissa</i>	laminar (semi-encrusting)	<i>Stictostroma</i>	1-2mm					
773		<i>Stictostroma saginatum</i>	laminar	debris						