

## Species that can be maintained and spawned at Lovén centre.

1 = Marine species that we can spawn all around year round and kept in culture all year round.

2 = Marine species that we can spawn only seasonally.

- All other species available can also be tested to spawn.

- There are routine culture availabilities at the centre.

The *Skeletonema marinoi* clones available are listed in table 2. At GUMACCs there are further micro algae cultures available.

K = Kristineberg      T = Tjärnö

Person at Lovén to contact	Specie list	
Lene Friis Moeller (K)	<i>Mnemiopsis</i> (1)	
	<i>Acartia tonsa</i> (1)	
	<i>Artemia</i> (1)	
	<i>Oxhyrhis</i> (1)	
	<i>Ciliate: Strombidium sulcatum</i> (1)	
	<i>Heterocapsa triquetra</i> (1)	
	<i>Rhodomonas</i> (1)	
	<i>Scrippsiella trochoidea</i> (1)	
	Sam Dupont (K)	<i>Ciona intestinalis</i> April-August (2)
		<i>Ascidiella aspersa</i> May-September (2)
<i>Asterias rubens</i> April-May (2)		
<i>(Crossaster papposus)</i> March-April (2)		
<i>Marthasterias glacialis</i> March-April (2)		
<i>Strongylocentrotus doebachensis</i> March-April (2)		
<i>Strongylocentrotus purpuratus</i> (California) March-September (2)		
<i>Paracentrotus lividus</i> March-July (2)		
<i>Brissopsis lyrifera</i> July-August (2)		
<i>Ophiotrix fragilis</i> June-July (2)		
<i>Ampiura filiformis</i> June-July (2)		
Hannah Styf (K)	<i>Nephrops norvegicus</i> March-April (2)	
Mattias Obst (K)	<i>Novocrania anomala</i> Autumn (2).	
Helen Sköld (K)	<i>Diplosoma listerianum</i> , two genotypes) UK, colonial ascidian. (1)	
	<i>Coscinasterias muricata</i> . NZ Asexual, sexual. (2)	
	<i>Botryllus schlosseri</i> . July-August (2)	
	Two-spotted goby, fish with reversed sex roles and dual ornamentation. Summer. (2)	
Bengt Lundve (K)	<i>Rhodomonas</i> (1)	
	<i>Ophryotrocha</i> spp. Sexual, asexual. (1). A world wide collection of the worms.	
	<i>Artemia</i> (1)	
	<i>Skeletonema costatum</i> (1)	
	<i>Thalassiosira pseudonana</i> (1)	
Kerstin Johannesson (T)	<i>Littorina obtusata</i> April-september (2)	
	<i>Fucus vesiculosus</i> Summer (2)	
	<i>Fucus radicans</i> Summer (2)	
	<i>Littorina fabalis</i> April-september (2)	
Martin Ogemark (T)	<i>Skeletonema costatum</i> (1)	
	<i>Thalassiosira pseudonana</i> (1)	
	<i>Isochrysis</i> sp. (1)	
	<i>Thalassiosira weissflugii</i> (1)	
	<i>Bonnemaisonia hamifera</i> . (1)	
	<i>Balanus (=Amphibalanus) improvisus</i> (2)	
Jon Havenhand (T)	<i>Ascidia mentula</i> (2)	
	<i>Ascidiella aspersa</i> May-September (2)	
	<i>Ascidiella scabra</i> (2)	
	<i>Asterias rubens</i> April-May (2)	
	<i>Ciona intestinalis</i> April-August (1)	
	<i>Crassostrea gigas</i> (2)	
	<i>Mytilus edulis</i> April- June (2)	
<i>Strongylocentrotus droebachiensis</i> March-April (2)		
Erik Selander, Bengt Lundve (K)	<i>Alexandrium tamarense</i> (1)	
	<i>Alexandrium minutum</i> (1)	

**Table 2.** *Skeletonema marinoi* clones available

NB: The strain list is subject to change, for the latest version contact Anna Godhe/Monica Appelgren						
	species	strain name	collection day	collection site	source	
1	<i>Skeletonema marinoi</i>	GF 04-1 A	18/Feb/2004	Gullmar Fjord Släggö, Sweden	plankton	
2	<i>Skeletonema marinoi</i>	GF 04-1 B1	18/Feb/2004	Gullmar Fjord Släggö, Sweden	plankton	
3	<i>Skeletonema marinoi</i>	GF 04-1 G1	18/Feb/2004	Gullmar Fjord Släggö, Sweden	plankton	
4	<i>Skeletonema marinoi</i>	GF 04-1 H	18/Feb/2004	Gullmar Fjord Släggö, Sweden	plankton	
5	<i>Skeletonema marinoi</i>	GF 04-2 D2	2/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
6	<i>Skeletonema marinoi</i>	GF 04-2 E1	2/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
7	<i>Skeletonema marinoi</i>	GF 04-2 G	2/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
8	<i>Skeletonema marinoi</i>	GF 04-2 H2	2/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
9	<i>Skeletonema marinoi</i>	GF 04-2 I1	2/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
10	<i>Skeletonema marinoi</i>	GF 04-3 A1	17/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
11	<i>Skeletonema marinoi</i>	GF 04-3 J	17/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
12	<i>Skeletonema marinoi</i>	GF 04-3 L	17/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
13	<i>Skeletonema marinoi</i>	GF 04-3 M2	17/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
14	<i>Skeletonema marinoi</i>	GF 04-3 O	17/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
15	<i>Skeletonema marinoi</i>	GF 04-3 P	17/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
16	<i>Skeletonema marinoi</i>	GF 04-4 A	26/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
17	<i>Skeletonema marinoi</i>	GF 04-4 C	26/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
18	<i>Skeletonema marinoi</i>	GF 04-4 D	26/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
19	<i>Skeletonema marinoi</i>	GF 04-4 E	26/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
20	<i>Skeletonema marinoi</i>	GF 04-4 G	26/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
21	<i>Skeletonema marinoi</i>	GF 04-4 J	26/Mar/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
22	<i>Skeletonema marinoi</i>	GF 04-5 A1	7/Apr/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
23	<i>Skeletonema marinoi</i>	GF 04-5 B	7/Apr/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
24	<i>Skeletonema marinoi</i>	GF 04-5 C	7/Apr/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
25	<i>Skeletonema marinoi</i>	GF 04-5 D	7/Apr/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
26	<i>Skeletonema marinoi</i>	GF 04-5 E	7/Apr/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
27	<i>Skeletonema marinoi</i>	GF 04-6E2	20/Apr/2004	Gullmar Fjord Kristineberg, Sweden	plankton	
28	<i>Skeletonema marinoi</i>	GF04-7-A	2/Jun/2004	Gullmar Fjord Släggö, Sweden	plankton	
29	<i>Skeletonema marinoi</i>	GF04-7-B	2/Jun/2004	Gullmar Fjord Släggö, Sweden	plankton	
30	<i>Skeletonema marinoi</i>	GF04-7-C	2/Jun/2004	Gullmar Fjord Släggö, Sweden	plankton	
31	<i>Skeletonema marinoi</i>	GF04-7-D	2/Jun/2004	Gullmar Fjord Släggö, Sweden	plankton	
32	<i>Skeletonema marinoi</i>	GF04-7-E	2/Jun/2004	Gullmar Fjord Släggö, Sweden	plankton	
33	<i>Skeletonema marinoi</i>	GF04-7-F	2/Jun/2004	Gullmar Fjord Släggö, Sweden	plankton	
34	<i>Skeletonema marinoi</i>	GF04-7-H	2/Jun/2004	Gullmar Fjord Släggö, Sweden	plankton	
35	<i>Skeletonema marinoi</i>	GF04-7-I	2/Jun/2004	Gullmar Fjord Släggö, Sweden	plankton	
36	<i>Skeletonema marinoi</i>	GF04-7-J	2/Jun/2004	Gullmar Fjord Släggö, Sweden	plankton	
37	<i>Skeletonema marinoi</i>	GF04-7-L	2/Jun/2004	Gullmar Fjord Släggö, Sweden	plankton	
38	<i>Skeletonema marinoi</i>	GF04-9-A	24/Sep/2004	Gullmar Fjord Släggö, Sweden	plankton	
39	<i>Skeletonema marinoi</i>	GF04-9-C	24/Sep/2004	Gullmar Fjord Släggö, Sweden	plankton	
40	<i>Skeletonema marinoi</i>	GF04-9-E	24/Sep/2004	Gullmar Fjord Släggö, Sweden	plankton	
41	<i>Skeletonema marinoi</i>	GF04-10-D	1/Oct/2004	Gullmar Fjord Släggö, Sweden	plankton	
42	<i>Skeletonema marinoi</i>	GF04-10-F	1/Oct/2004	Gullmar Fjord Släggö, Sweden	plankton	



88	Skeletonema marinoi	GF05-6 J	17/Mar/2005	Gullmar Fjord Släggö, Sweden	plankton	
89	Skeletonema marinoi	GF05-6 L	17/Mar/2005	Gullmar Fjord Släggö, Sweden	plankton	
90	Skeletonema marinoi	GF05-6 O	17/Mar/2005	Gullmar Fjord Släggö, Sweden	plankton	
91	Skeletonema marinoi	GF05-6 P	17/Mar/2005	Gullmar Fjord Släggö, Sweden	plankton	
92	Skeletonema marinoi	GF05-6 Q	17/Mar/2005	Gullmar Fjord Släggö, Sweden	plankton	
93	Skeletonema marinoi	GF05-6 S	17/Mar/2005	Gullmar Fjord Släggö, Sweden	plankton	
94	Skeletonema marinoi	040602:A1	2/Jun/2004	Gullmar Fjord Släggö, Sweden	surface sediment	
95	Skeletonema marinoi	040602:A2	2/Jun/2004	Gullmar Fjord Släggö, Sweden	surface sediment	
96	Skeletonema marinoi	040602:A4	2/Jun/2004	Gullmar Fjord Släggö, Sweden	surface sediment	
97	Skeletonema marinoi	040602:A5	2/Jun/2004	Gullmar Fjord Släggö, Sweden	surface sediment	
98	Skeletonema marinoi	040602:B1	2/Jun/2004	Gullmar Fjord Släggö, Sweden	surface sediment	
99	Skeletonema marinoi	040602:B2	2/Jun/2004	Gullmar Fjord Släggö, Sweden	surface sediment	
100	Skeletonema marinoi	040602:B3	2/Jun/2004	Gullmar Fjord Släggö, Sweden	surface sediment	
101	Skeletonema marinoi	040602:B4	2/Jun/2004	Gullmar Fjord Släggö, Sweden	surface sediment	
102	Skeletonema marinoi	040602:B5	2/Jun/2004	Gullmar Fjord Släggö, Sweden	surface sediment	
103	Skeletonema marinoi	040602:C6	2/Jun/2004	Gullmar Fjord Släggö, Sweden	surface sediment	
104	Skeletonema marinoi	040602:D1	2/Jun/2004	Gullmar Fjord Släggö, Sweden	surface sediment	
105	Skeletonema marinoi	040602:D2	2/Jun/2004	Gullmar Fjord Släggö, Sweden	surface sediment	
106	Skeletonema marinoi	0917C	17/Sep/2007	Gullmar Fjord Kristineberg, Sweden	plankton	
107	Skeletonema marinoi	0917H	17/Sep/2007	Gullmar Fjord Kristineberg, Sweden	plankton	
108	Skeletonema marinoi	0917J	17/Sep/2007	Gullmar Fjord Kristineberg, Sweden	plankton	
109	Skeletonema marinoi	0917L	17/Sep/2007	Gullmar Fjord Kristineberg, Sweden	plankton	
110	Skeletonema marinoi	0917Y	17/Sep/2007	Gullmar Fjord Kristineberg, Sweden	plankton	
111	Skeletonema marinoi	0918E	18/Sep/2007	Gullmar Fjord Kristineberg, Sweden	plankton	
112	Skeletonema marinoi	0918U	18/Sep/2007	Gullmar Fjord Kristineberg, Sweden	plankton	
113	Skeletonema marinoi	0919K	19/Sep/2007	Gullmar Fjord Kristineberg, Sweden	plankton	
114	Skeletonema marinoi	0919L	19/Sep/2007	Gullmar Fjord Kristineberg, Sweden	plankton	
115	Skeletonema marinoi	0919P	19/Sep/2007	Gullmar Fjord Kristineberg, Sweden	plankton	
116	Skeletonema marinoi	0919R	19/Sep/2007	Gullmar Fjord Kristineberg, Sweden	plankton	
117	Skeletonema marinoi	0919T	19/Sep/2007	Gullmar Fjord Kristineberg, Sweden	plankton	
118	Skeletonema marinoi	G A5	28/Feb/2008	Gullmar Fjord Släggö, Sweden	surface sediment	
119	Skeletonema marinoi	G B3	28/Feb/2008	Gullmar Fjord Släggö, Sweden	surface sediment	
120	Skeletonema marinoi	G C5	28/Feb/2008	Gullmar Fjord Släggö, Sweden	surface sediment	
121	Skeletonema marinoi	G D1	28/Feb/2008	Gullmar Fjord Släggö, Sweden	surface sediment	
122	Skeletonema marinoi	G2 A3	28/Feb/2008	Gullmar Fjord Släggö, Sweden	surface sediment	
123	Skeletonema marinoi	G2 B2	28/Feb/2008	Gullmar Fjord Släggö, Sweden	surface sediment	
124	Skeletonema marinoi	G2 B5	28/Feb/2008	Gullmar Fjord Släggö, Sweden	surface sediment	
125	Skeletonema marinoi	G2 C3	28/Feb/2008	Gullmar Fjord Släggö, Sweden	surface sediment	
126	Skeletonema marinoi	G3 A6	28/Feb/2008	Gullmar Fjord Släggö, Sweden	surface sediment	
127	Skeletonema marinoi	G3 B3	28/Feb/2008	Gullmar Fjord Släggö, Sweden	surface sediment	
128	Skeletonema marinoi	14A	28/Feb/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
129	Skeletonema marinoi	58A	28/Feb/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
130	Skeletonema marinoi	72A	28/Feb/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
131	Skeletonema marinoi	88A	28/Feb/2008	Gullmar Fjord Kristineberg, Sweden	plankton	

132	Skeletonema marinoi	108A	28/Feb/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
133	Skeletonema marinoi	6B	28/Feb/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
134	Skeletonema marinoi	25B	28/Feb/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
135	Skeletonema marinoi	35.2	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
136	Skeletonema marinoi	35.12	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
137	Skeletonema marinoi	35.15	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
138	Skeletonema marinoi	35.16	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
139	Skeletonema marinoi	35.26	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
140	Skeletonema marinoi	35.34	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
141	Skeletonema marinoi	35.37	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
142	Skeletonema marinoi	35.38	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
143	Skeletonema marinoi	35.39	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
144	Skeletonema marinoi	32.3	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
145	Skeletonema marinoi	32.8	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
146	Skeletonema marinoi	32.13	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
147	Skeletonema marinoi	32.16	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
148	Skeletonema marinoi	32.22	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
149	Skeletonema marinoi	32.26	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
150	Skeletonema marinoi	32.27	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
151	Skeletonema marinoi	32.29	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
152	Skeletonema marinoi	32.5	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
153	Skeletonema marinoi	27.3	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
154	Skeletonema marinoi	27.5	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
155	Skeletonema marinoi	27.7	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
156	Skeletonema marinoi	27.18	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
157	Skeletonema marinoi	27.25	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
158	Skeletonema marinoi	27.45	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
159	Skeletonema marinoi	21.6	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
160	Skeletonema marinoi	21.9	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
161	Skeletonema marinoi	21.1	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
162	Skeletonema marinoi	21.17	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
163	Skeletonema marinoi	21.2	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
164	Skeletonema marinoi	15.3	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
165	Skeletonema marinoi	15.4	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
166	Skeletonema marinoi	0519I	19/May/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
167	Skeletonema marinoi	0521M	21/May/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
168	Skeletonema marinoi	0521AG	21/May/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
169	Skeletonema marinoi	0521AH	21/May/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
170	Skeletonema marinoi	0522R	22/May/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
171	Skeletonema marinoi	0522W	22/May/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
172	Skeletonema marinoi	0522Z	22/May/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
173	Skeletonema marinoi	0602I	2/Jun/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
174	Skeletonema marinoi	0602AA	2/Jun/2008	Gullmar Fjord Kristineberg, Sweden	plankton	

175	<i>Skeletonema marinoi</i>	0603AA	3/Jun/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
176	<i>Skeletonema marinoi</i>	0603AB	3/Jun/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
177	<i>Skeletonema marinoi</i>	0604D	4/Jun/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
178	<i>Skeletonema marinoi</i>	0604T	4/Jun/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
179	<i>Skeletonema marinoi</i>	0604W	4/Jun/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
180	<i>Skeletonema marinoi</i>	0604AC	4/Jun/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
181	<i>Skeletonema marinoi</i>	0604AD	4/Jun/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
182	<i>Skeletonema marinoi</i>	0604AF	4/Jun/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
183	<i>Skeletonema marinoi</i>	080922E	22/Sep/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
184	<i>Skeletonema marinoi</i>	080922P	22/Sep/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
185	<i>Skeletonema marinoi</i>	080923C	23/Sep/2008	Gullmar Fjord Kristineberg, Sweden	plankton	
186	<i>Skeletonema marinoi</i>	15.55	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
187	<i>Skeletonema marinoi</i>	15.57	21/Jan/2008	Mariager Fjord, Denmark	sediment core	
188	<i>Skeletonema tropicum</i>	St 3	26/Feb/2009	Coastal Arabian Sea, Mangalore, India	plankton	
189	<i>Skeletonema tropicum</i>	St 7	26/Feb/2009	Coastal Arabian Sea, Mangalore, India	plankton	
190	<i>Skeletonema tropicum</i>	St 8	26/Feb/2009	Coastal Arabian Sea, Mangalore, India	plankton	
191	<i>Skeletonema tropicum</i>	St 9	26/Feb/2009	Coastal Arabian Sea, Mangalore, India	plankton	
192	<i>Skeletonema tropicum</i>	St 12	26/Feb/2009	Coastal Arabian Sea, Mangalore, India	plankton	
193	<i>Skeletonema tropicum</i>	St13	26/Feb/2009	Coastal Arabian Sea, Mangalore, India	plankton	
194	<i>Skeletonema tropicum</i>	St 14	26/Feb/2009	Coastal Arabian Sea, Mangalore, India	plankton	
195	<i>Skeletonema grevillei</i>	S sp 1	26/Feb/2009	Coastal Arabian Sea, Mangalore, India	plankton	
196	<i>Skeletonema grevillei</i>	S sp2	26/Feb/2009	Coastal Arabian Sea, Mangalore, India	plankton	
197	<i>Skeletonema grevillei</i>	S sp 5	26/Feb/2009	Coastal Arabian Sea, Mangalore, India	plankton	
198	<i>Skeletonema grevillei</i>	S sp 6	26/Feb/2009	Coastal Arabian Sea, Mangalore, India	plankton	