

## APPENDIX 1

Pairwise comparisons of lineal extension rate showing triple interaction among Specie x Substrata type x Periods through Periods.

Specie	Substrata type	Periods	Linear extension	
			t	P(perm)
a) <i>Pcf. damicornis</i>	Natural substrate	Aug-Nov vs. Nov-Feb	10.906	*
		Aug-Nov vs. Feb-May	4.772	*
		Aug-Nov vs. May-Aug	1.678	0.1057
		Nov-Feb vs. Feb-May	4.227	*
		Nov-Feb vs. May-Aug	5.927	*
		Feb-May vs. May-Aug	3.769	*
	Artificial substrata	Aug-Nov vs. Nov-Feb	4.454	*
		Aug-Nov vs. Feb-May	1.452	0.168
		Aug-Nov vs. May-Aug	2.291	*
		Nov-Feb vs. Feb-May	0.944	*
		Nov-Feb vs. May-Aug	1.168	0.2572
		Feb-May vs. May-Aug	2.519	*
b) <i>P. cf. capitata</i>	Natural substrata	Aug-Nov vs. Nov-Feb	11.144	*
		Aug-Nov vs. Feb-May	3.435	*
		Aug-Nov vs. May-Aug	4.821	*
		Nov-Feb vs. Feb-May	0.169	*
		Nov-Feb vs. May-Aug	16.059	*
		Feb-May vs. May-Aug	7.229	*
	Artificial substrata	Aug-Nov vs. Nov-Feb	5.07	*
		Aug-Nov vs. Feb-May	0.003	0.9788
		Aug-Nov vs. May-Aug	4.021	*
		Nov-Feb vs. Feb-May	2.176	*
		Nov-Feb vs. May-Aug	10.526	*
		Feb-May vs. May-Aug	1.91	0.0816
c) <i>P. cf. verrucosa</i>	Natural substrata	Aug-Nov vs. Nov-Feb	5.565	*
		Aug-Nov vs. Feb-May	2.175	*
		Aug-Nov vs. May-Aug	0.195	0.841
		Nov-Feb vs. Feb-May	1.313	0.2009
		Nov-Feb vs. May-Aug	2.684	*
		Feb-May vs. May-Aug	1.35	0.1862
	Artificial substrata	Aug-Nov vs. Nov-Feb	6.047	*
		Aug-Nov vs. Feb-May	4.384	*
		Aug-Nov vs. May-Aug	0.51	0.6316
		Nov-Feb vs. Feb-May	3.6535	*
		Nov-Feb vs. May-Aug	5.321	*
		Feb-May vs. May-Aug	3.687	*

 Codes: Feb = February, May = May, Aug = August, Nov = November, \* =  $P \leq 0.05$ .



APPENDIX 2  
Pairwise comparisons of lineal extension rate showing triple interaction among Specie x Substrata  
type x Periods through Species.

Periods	Substrata type	Specie	Linear extension	
			t	P(perm)
Aug-Nov	NS	Pd vs. Pc	1.12	0.2688
	NS	Pd vs. Pv	1.951	0.0633
	NS	Pc vs. Pv	0.62	0.5347
	AS	Pd vs. Pc	0.009	0.9273
	AS	Pd vs. Pv	2.368	*
	AS	Pc vs. Pv	1.942	0.0706
Nov-Feb	NS	Pd vs. Pc	4.721	*
	NS	Pd vs. Pv	4.735	*
	NS	Pc vs. Pv	8.309	*
	AS	Pd vs. Pc	0.178	0.8992
	AS	Pd vs. Pv	0.006	0.9833
	AS	Pc vs. Pv	0.157	0.8654
Feb-May	NS	Pd vs. Pc	0.006	0.9502
	NS	Pd vs. Pv	1.38	0.1861
	NS	Pc vs. Pv	1.124	0.266
	AS	Pd vs. Pc	0.806	0.4315
	AS	Pd vs. Pv	2.941	*
	AS	Pc vs. Pv	0.893	0.4589
May-Aug	NS	Pd vs. Pc	2.405	*
	NS	Pd vs. Pv	0.54	0.5909
	NS	Pc vs. Pv	2.765	*
	AS	Pd vs. Pc	5.039	*
	AS	Pd vs. Pv	2.95	*
	AS	Pc vs. Pv	2.268	*

Codes: Feb = February, May = May, Aug = August, Nov = November, NS = Natural substrata, AS = Artificial substrata, PC = *P. cf. capitata*, Pd = *P. cf. damicornis*; Pv = *P. cf. verrucosa*, \* =  $P \leq 0.05$ .

## APPENDIX 3

Pairwise comparisons of lineal extension rate showing triple interaction among Species x Substrata Type x Periods through Substrata type.

Periods	Specie	Substrata type	Linear extension	
			t	P(perm)
Aug-Nov	<i>P. cf. damicornis</i>	NS vs. AS	1.857	0.0772
	<i>P. cf. capitata</i>	NS vs. AS	0.275	0.7858
	<i>P. cf. verrucosa</i>	NS vs. AS	2.068	*
Nov-Feb	<i>P. cf. damicornis</i>	NS vs. AS	1.323	0.1711
	<i>P. cf. capitata</i>	NS vs. AS	4.476	*
	<i>P. cf. verrucosa</i>	NS vs. AS	1.796	0.0865
Feb-May	<i>P. cf. damicornis</i>	NS vs. AS	0.185	0.8542
	<i>P. cf. capitata</i>	NS vs. AS	0.205	0.8374
	<i>P. cf. verrucosa</i>	NS vs. AS	1.043	0.3134
May-Aug	<i>P. cf. damicornis</i>	NS vs. AS	2.191	*
	<i>P. cf. capitata</i>	NS vs. AS	1.170	0.2393
	<i>P. cf. verrucosa</i>	NS vs. AS	1.096	0.2841

 Codes: Feb = February, May = May, Aug = August, Nov = November, NS = Natural substrata, AS = Artificial substrata, \* =  $P \leq 0.05$ .

## APPENDIX 4

Pairwise comparisons of surface area growth showing double interaction between Species x Periods through Periods.

Superficial area		t	P(perm)
Specie	Periods		
<i>P. cf. damicornis</i>	Aug-Nov vs. Nov-Feb	4.177	*
	Aug-Nov vs. Feb-May	1.717	0.0883
	Aug-Nov vs. May-Aug	0.659	0.5169
	Nov-Feb vs. Feb-May	2.749	*
	Nov-Feb vs. May-Aug	3.068	*
	Feb-May vs. May-Aug	0.818	0.4313
<i>P. cf. capitata</i>	Aug-Nov vs. Nov-Feb	2.932	*
	Aug-Nov vs. Feb-May	1.592	0.1143
	Aug-Nov vs. May-Aug	5.402	*
	Nov-Feb vs. Feb-May	0.915	0.3748
	Nov-Feb vs. May-Aug	8.803	*
<i>P. cf. verrucosa</i>	Feb-May vs. May-Aug	6.775	*
	Aug-Nov vs. Nov-Feb	3.228	*
	Aug-Nov vs. Feb-May	3.020	*
	Aug-Nov vs. May-Aug	2.459	*
	Nov-Feb vs. Feb-May	0.915	0.3781
	Nov-Feb vs. May-Aug	1.717	0.097
	Feb-May vs. May-Aug	0.970	0.3379

 Codes: Feb = February, May = May, Aug = August, Nov = November, \* =  $P \leq 0.05$ .



## APPENDIX 5

Pairwise comparisons of surface area growth showing double interaction between Species x Periods through Species.

Superficial area			
Periods	Species	t	P(perm)
Aug - Nov	<i>P. cf. damicornis</i> vs. <i>P. cf. capitata</i>	1.544	0.1288
Aug - Nov	<i>P. cf. damicornis</i> vs. <i>P. cf. verrucosa</i>	3.592	*
Aug - Nov	<i>P. cf. capitata</i> vs. <i>P. cf. verrucosa</i>	2.35	*
Nov - Feb	<i>P. cf. damicornis</i> vs. <i>P. cf. capitata</i>	2.104	*
Nov - Feb	<i>P. cf. damicornis</i> vs. <i>P. cf. verrucosa</i>	2.927	*
Nov - Feb	<i>P. cf. capitata</i> vs. <i>P. cf. verrucosa</i>	1.489	0.1456
Feb - May	<i>P. cf. damicornis</i> vs. <i>P. cf. capitata</i>	0.478	0.6373
Feb - May	<i>P. cf. damicornis</i> vs. <i>P. cf. verrucosa</i>	2.101	*
Feb - May	<i>P. cf. capitata</i> vs. <i>P. cf. verrucosa</i>	1.019	0.3142
May - Aug	<i>P. cf. damicornis</i> vs. <i>P. cf. capitata</i>	7.544	*
May - Aug	<i>P. cf. damicornis</i> vs. <i>P. cf. verrucosa</i>	2.075	*
May - Aug	<i>P. cf. capitata</i> vs. <i>P. cf. verrucosa</i>	5.7572	*

Codes: Feb = February, May = May, Aug = August, Nov = November, \* =  $P \leq 0.05$ .

## APPENDIX 6

Pairwise comparisons of surface area growth showing double interaction between Substrata type x Periods through Substrata type.

Superficial area			
Periods	Substrata type	t	P(perm)
Ago-Nov	SN vs. SA	2.356	*
Nov-Feb	SN vs. SA	1.784	0.0761
Feb-May	SN vs. SA	1.091	0.2756
May-Ago	SN vs. SA	1.356	0.1816

Codes: Feb = February, May = May, Aug = August, Nov = November, NS = Natural substrata, AS = Artificial substrata, \* =  $P \leq 0.05$ .