

**Table 3**

Boron isotopic data ( $\delta^{11}\text{B}$ ) and calculated internal pH ( $\text{pH}_{\text{cf}}$ ) values of investigated coral samples of *Desmophyllum dianthus*

Septa interspace	$\delta^{11}\text{B}$ [‰]	$\text{pH}_{\text{cf}}$
<b>BsCpl1-A (fjord head; seawater <math>\text{pH}_T = 7.59</math>)</b>		
6	27.64	8.85
7-1	26.51	8.74
7-2	25.87	8.78
7-3	25.79	8.73
8	25.08	8.68
9	25.54	8.71
11	26.20	8.76
<b>average</b>	<b>26.09 <math>\pm</math> 1.52 (2 SD)</b>	<b>8.75 <math>\pm</math> 0.05 (1 SD)</b>
<b>CsCpl9-F (fjord mouth; seawater <math>\text{pH}_T = 7.86</math>)</b>		
1	22.34 (22.99; 21.69)	8.50
2	24.03	8.62
3	23.15 (23.80; 22.50)	8.56
4	21.04	8.41
5	22.45	8.51
6	23.30	8.57
7	25.34	8.70
8	23.82	8.60
9	24.02	8.62
10	23.24	8.57
<b>average</b>	<b>23.27 <math>\pm</math> 2.21 (2 SD)</b>	<b>8.57 <math>\pm</math> 0.07 (1 SD)</b>
<b>CsCpl4-F (fjord mouth; seawater <math>\text{pH}_T = 7.86</math>)</b>		
1	23.16 (22.62; 23.70)	8.56
4	24.13 (23.29; 24.96)	8.62
5	23.63	8.59
6	22.59	8.52
7	23.65	8.59
8-1	22.29 (22.61; 23.65)	8.50
8-2	23.88 (24.47; 23.28)	8.61
9-1	23.90 (23.63; 24.16)	8.61
9-2	24.41 (24.24; 24.59)	8.64
10	23.22	8.56
12-1	24.52	8.65
12-2	23.89	8.61
<b>average</b>	<b>23.61 <math>\pm</math> 1.30 (2 SD)</b>	<b>8.59 <math>\pm</math> 0.04 (1 SD)</b>
Septum	23.89	8.61

The average  $\delta^{11}\text{B}$  value is provided for multiple analyses at the same spot with values of single measurements given in brackets.