

On-line Suppl. Tab. 1. Some previously used temperatures and light intensities in red algal experiments.

Temperature (°C)	Light intensity ($\mu\text{mol m}^{-2} \text{s}^{-1}$)	Species	Reference
“laboratory temperature”	130	<i>Bangia atropurpurea</i>	Belcher (1960)
12	70–130	<i>Bangia atropurpurea</i>	Geesink (1973)
9–22	~36	<i>Bangia fuscopurpurea</i>	Sommerfeld and Nichols (1973)
12	120	<i>Bangia atropurpurea</i>	Sheath and Cole (1980)
20	2-200 (optimum 35)	<i>Bangia atropurpurea</i>	Charnofsky et al. (1982)
12, 17	–	<i>Bangia atropurpurea</i>	Garwood (1982)
5–35	7–1300	<i>Bangia atropurpurea</i>	Graham and Graham (1987)
17	48	<i>Bangia atropurpurea</i>	Araki et al. (1994)
15	4–50	<i>Batrachospermum helmintosum</i>	Leukart and Hanelt (1995)
23	5–135	<i>Grateloupia filicina</i>	Wong and Chang (2000)
20	0–425	<i>Batrachospermum ambiguum</i> , <i>Batrachospermum delicatulum</i> , <i>Batrachospermum vogesiacum</i>	Necchi and Zucchi (2001)
10–25	65, 300	<i>Audouinella hermannii</i> , <i>A. pygmaea</i> , <i>Batrachospermum ambiguum</i> , <i>Batrachospermum delicatulum</i>	Zucchi and Necchi (2001)
20	0–425	<i>Batrachospermum delicatulum</i>	Necchi and Alves (2005)
10, 15, 20	20, 250	<i>Porphyra amplissima</i> , <i>P. leucosticte</i> , <i>P. umbicilis</i> , <i>P. linearis</i>	Kim et al. (2007)
20	0–427	<i>Batrachospermum gelatinosum</i> <i>Batrachospermum helmintosum</i>	Drearup et al. (2015)