

Study sites	Algal species	Maximum algal cell concentration (cells m ⁻²)	References
Oregon, USA	<i>Chlamydomonas nivalis</i>	2.3×10^9	Sutton (1972)
Washington, USA	<i>Chloromonas brevispina</i>	5.0×10^9	Hoham et al. (1979)
Antarctica	<i>Mesotaenium berggrenii</i>	1.0×10^9	Ling and Seppelt (1990)
Antarctica	<i>Chloromonas rubroleosa</i>	2.0×10^9	Ling and Seppelt (1993)
California, USA	<i>Trochiscia americana</i>	6.3×10^8	Thomas (1994)
Svalbard	<i>Chloromonas alpine</i>	7.5×10^9	Spijkerman et al. (2012)
Alaska, USA	<i>Chlyamidomonas nivalis</i>	5.1×10^7	Takeuchi (2013)
SE Greenland	<i>Chlyamidomonas nivalis</i>	5.0×10^8	Lutz et al. (2014)