Table 3. Bacteriochlorophyll *a* (BChl *a*) content and the number of PSUs per AAP bacterium.

Organism or region	Bchl content (10^{-19} mol cell^{-1})	PSUs per cell	Reference
Erythrobacter longus	6.2	10 978	Yurkov and Beatty (1998)
Erythromicrobium hydrolyticum	1.5–6.2	2 700–11 000	Yurkov and Beatty (1998)
Erythrobacter sp. NAP1	0.50	885	Koblížek and colleagues (2003)
Erythrobacter sp. MG3	0.42	753	Koblížek and colleagues (2003)
Erythrobacter sp. NJ3Y	0.23	398	Koblížek and colleagues (2003)
Roseobacter COL2P	0.5–2	900–4 000	Koblížek and colleagues (2010)
North Atlantic	0.86	1 520	Sieracki and colleagues (2006)
Coastal North Atlantic	0.87	1 550	Cottrell and colleagues (2006)
Gulf Stream	0.12	210	Cottrell and colleagues (2006)
Chesapeake	1.24	2 200	Cottrell and colleagues (2010)
South Pacific	0.32	565	Lami and colleagues (2007)
Coastal Mediterranean	0.7–1.8	1 200–3 110	Koblížek and colleagues (2010)[a]
Coastal Mediterranean	0.9–1.6	1 570–2 910	Hojerová and colleagues (2011)
Mediterranean Sea	1.4	2 550	Hojerová and colleagues (2011)
	Average of field studies	1 740	

a. Using Lami and colleagues (2009b) data.
To estimate BChl *a* per cell for the pure culture studies, we assume that protein makes up 50% of 1.5×10^{-13} g dry weight for one cell. To calculate PSU per AAP bacterium, we assume that each PSU (light harvesting plus reaction centre) has 34 Bchl (Yurkov and Beatty, 1998).

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