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Cover: Coral reef ecosystems are of great economic value, but they are threatened by global climate change. Most evidence indicates that elevated temperature is the cause of mass bleaching events. On the Great Barrier Reef, such events could bleach 45% of corals to some degree. *Turbinaria reniformis* is a symbiotic hermatypic coral that is present on reefs in the Indian Ocean and the western Pacific. Béraud et al. (pp. 2665–2674) studied the link between the nitrogen status of the coral holobiont and temperature stress. They found that small nitrogen addition maintains high levels of photosynthetic and photoprotective pigments in the symbionts and allows for maximal rates of photosynthesis. Photo credit: E. Béraud, CSM.

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