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Geneviève LeBel, Katy Vaillancourt, Michel Frenette, Marcelo Gottschalk, Daniel Grenier 5484–5492

Cover photograph (Copyright © 2014, American Society for Microbiology. All Rights Reserved): A thick layer of organic matter lies on the surface of the Havel River near Berlin, Germany, in late summer due to a bloom of cyanobacteria and algae. In the associated article, the authors investigate gene expression in the model cyanobacterium *Synechocystis* over the course of a day in response to different light conditions. Surprisingly, these photosynthetic bacteria show a steep increase in rRNA production in the dark, inversely correlated with the growth rate. Photo taken by Beate Heilmann. (See related article on page 5195.)