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require a suite of chemicals, and . those with the potential to be scarce in surface waters are typically identified as “nutrients.” Calcium is an example of an element that is rapidly assimilated by some plankton (for production of calcium carbonate) The Biological Productivity of the Ocean - Mathis Hain Long-term changes in phytoplankton Productivity. Because phytoplankton are so crucial to ocean biology and climate, any change in their productivity could have a significant influence on biodiversity, fisheries and the human food supply, and the pace of global warming. What are Phytoplankton? - NASA Earth Observatory Global Warming Is Putting the Ocean's Phytoplankton in Danger Phytoplankton are an essential part of the marine food chain. But according to

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