



Cover image: Pictured are two members of the Precambrian soft-bodied Ediacara biota displaying distinct modular construction. *Pteridinium* (Left) is composed of tubular serial modules devoid of branching, whereas *Rangea* (Right) consists of self-repeating fractal modules. Marc Laflamme et al. hypothesize that the modules allow for the high surface area-to-ratio volume necessary for diffusion-based osmotic feeding. See the article by Laflamme et al. on pages 14438–14443. Image by Shuhai Xiao.

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