Precambrian
Monera
**RADULARIA**

Some groups, such as the radiolarians are so beautifully arranged, delicate objects, worthy of a place in a museum of glass bowls, vases, and ewers (Fig. 11.3A). They have been compared to a cymatic pattern of a crystal of sugar dissolving in water. The radiolarians consist of a single cell with an exterior framework that is most remarkable. The silica framework is composed of hexagonal or pentagonal plates. The radiolarians are the most diverse group of protists and are classified into three groups: the Calcareous Radiolarians, the Echinoderma Radiolarians, and the Testudinaceous Radiolarians. The radiolarians are the most diverse group of protists and are classified into three groups: the Calcareous Radiolarians, the Echinoderma Radiolarians, and the Testudinaceous Radiolarians. The radiolarians are the most diverse group of protists and are classified into three groups: the Calcareous Radiolarians, the Echinoderma Radiolarians, and the Testudinaceous Radiolarians. The radiolarians are the most diverse group of protists and are classified into three groups: the Calcareous Radiolarians, the Echinoderma Radiolarians, and the Testudinaceous Radiolarians. The radiolarians are the most diverse group of protists and are classified into three groups: the Calcareous Radiolarians, the Echinoderma Radiolarians, and the Testudinaceous Radiolarians.

**Figure 11.13:** The delicate structure and symmetry of radiolarian skeletons. (a) Radiolarian skeleton (left) compared to the symmetry of the disordered calcium. (b) Brachiolaria and Brachiola (right). (ca) National Museum, London, 1986.)

**Figure 11.14:** Photograph of a living radiolarian. (a) Brachiolaria and Brachiola (right). (b) National Museum, London, 1986.)
Figure 11.1B. Diatoms come in a wide variety of shapes. A-C are centric diatoms, D and E are pennate diatoms. Most are 40-60 \( \mu \text{m} \) in diameter. (A) Nitzschia palea (Goeze) Kützing, (B) Tabellaria fenestrata (Hedw.) P. Cleve, (C) Nitzschia closterium (H. Schr.) C. Agardh, (D) Aulacoseira granulata (Muller) Kützing. (Photos courtesy D. Back).