The expedition to Lake El'gygytgyn and this paleoclimatology activity was made possible through generous contributions of members of the Lake El'gygytgyn scientific team. Study the core sample and a long, uninterrupted record of climate change of any location in the continental Arctic. The core sample below extends from silica. Easily preserved in sediment, the Diatoms are single celled, photosynthesizing ties is one way to understand environmental conditions. The tables below contain Plant spores and pollen found in the sediments.