

Plate 34. Seafloor chimney, the Juan de Fuca Chimney. This color pen-and-ink "interpretive drawing" by Calvin Fountain is based on a photomosaic assembled from submarine Alvin's external photos. The seafloor chimney is about 9 m high and 2 m in diameter. A "black smoker" vent issues from the side; tube worms, which average 1 cm  $\times$  5 cm, are visible on the chimney wall. (Photograph, which first appeared on the cover of *Geology*, vol. 14, no. 10, courtesy of W. C. Shanks)

