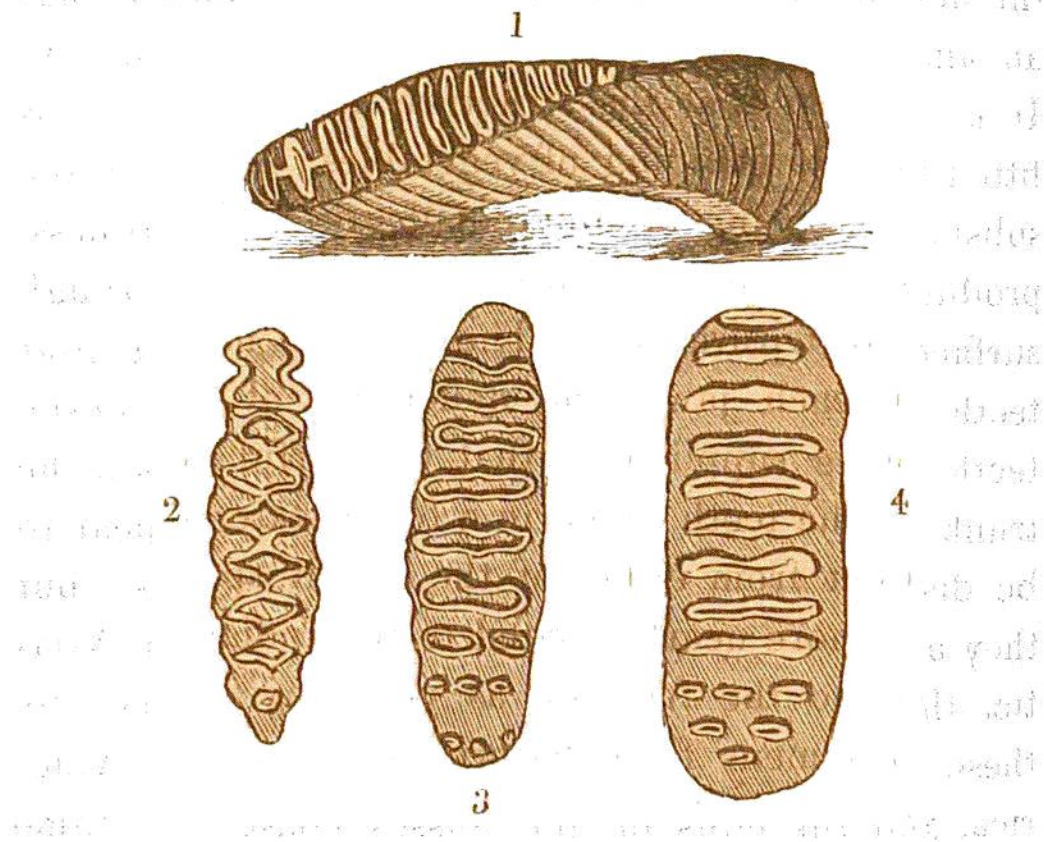


lime, with albumen, and gluten ; it is called ivory. This central portion of the tooth is covered by the enamel, a substance which is still more dense, and of a fibrous structure, and so hard as to strike fire with steel. In human teeth, the enamel covers the whole external surface, and the ivory forms the internal part. In herbivorous animals the enamel and ivory are intermixed ; and there is in some genera, a third substance called *crusta petrosa*,



TAB. 24.—TEETH OF RECENT AND FOSSIL ELEPHANTS.

Fig. 1. Fossil tooth of an elephant from Brighton cliff, partially water-worn.

Fig. 2. Crown of a tooth of the African elephant. Fig. 3. Grinding surface of a tooth of the mammoth, or fossil elephant. Fig. 4. Grinding surface of the Asiatic elephant.

which is a kind of yellowish, opaque ivory. These three substances enter into the composition of the