

A more characteristic plant is the *Voltzia heterophylla* figured below Fig. 261.

Fig. 261.



*Voltzia heterophylla.*

*Animals.*—Of the Brachiopods we give one fine form, the *terebratula vulgaris*, in Fig. 262.

Fig. 262.



Among the Crinoids we have in the Muschelkalk of the trias, the well known and beautiful Lily Encrinite (*Encrinus liliiformis*) which is shown in Fig. 263, with a cross section of the stem beneath.

The fishes of the trias are all *homocerques*. The genera known are twenty-three. We give only the sketch of the upper jaw of one, the *Placodus Andryani*, Fig. 264. It will be seen that the almost entire roof of the mouth is covered with large flat teeth. Sometimes it is entirely covered.

This animal is regarded, and probably with good reason, as a reptile, by Prof. Owen. Prof. Pictet places it among the fishes.

In the palæozoic rocks the reptiles have been few. But in the trias they begin to show themselves in large numbers and of peculiar characters; a fit commencement of their enormous development in the next higher formation.