

the vegetation of the present day. They resembled both mosses and lycopods, which are flowerless cryptogamic plants of a low organisation. The Lycopods are herbaceous plants, playing only a secondary part in the vegetation of the globe ; but in the earlier ages of organic creation they were the predominant forms in the vegetable kingdom,

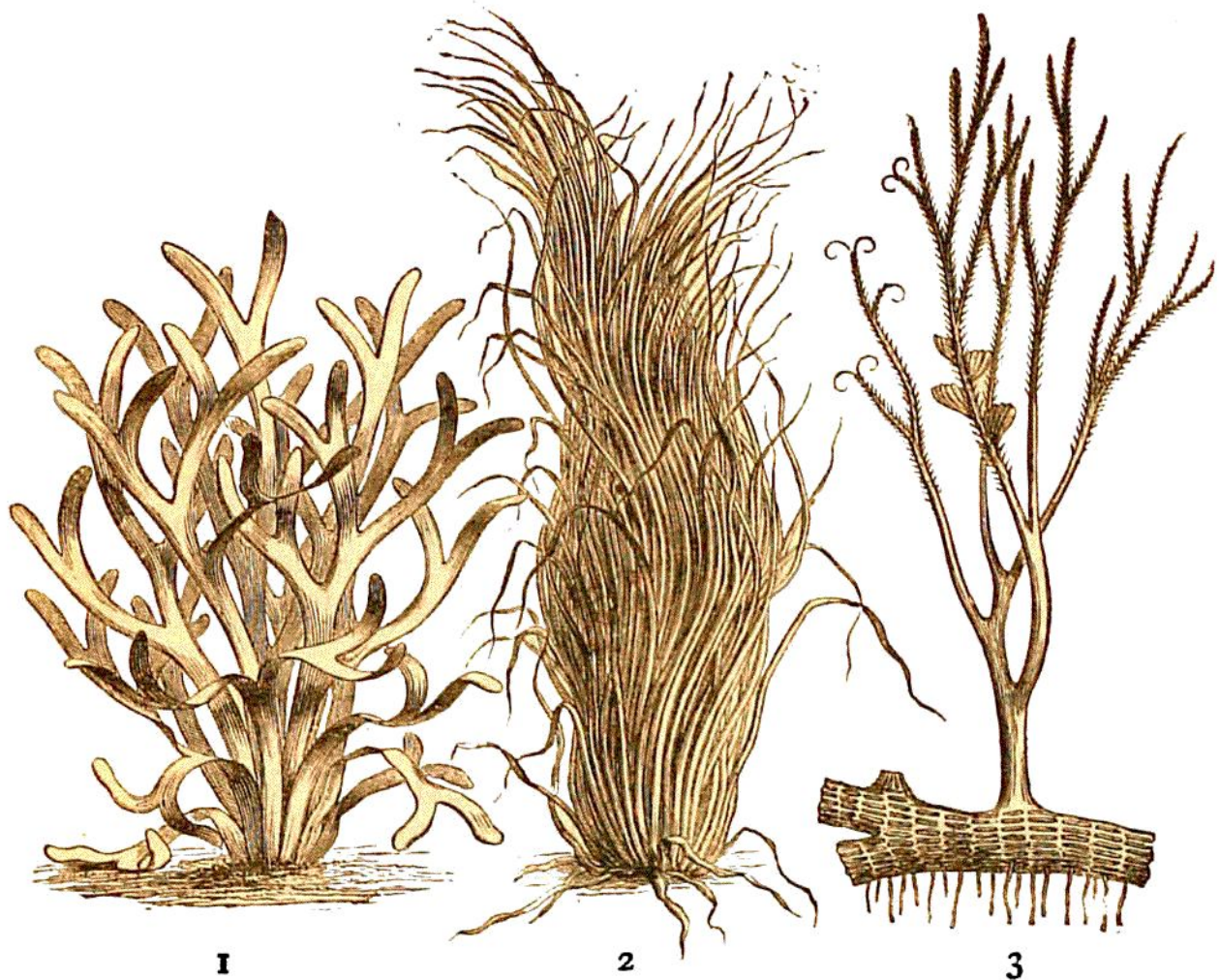


Fig. 30.—Plants of the Devonian Epoch. 1. Algæ. 2. *Zostera*. 3. *Psilophyton*, natural size.

both as to individual size and the number and variety of their species.

In the woodcut (Fig. 30) we have represented three species of aquatic plants belonging to the Devonian period ; they are—1, *Fucoids* (or *Algæ*) ; 2, *Zostera* ; 3, *Psilophyton*. The *Fucoid* closely resembles its modern ally ; but with the first indications of terrestrial vegetation we pass from the *Thallogens*, to which the *Algæ* belong (plants of simple organisation, without flower or stem), to the *Acrogens*, which throw out their leaves and branches at the extremity, and