5 Zoantharia, and 4 Foraminifera. This is very unsatisfactory; but these numbers can easily be deducted from those given in the Table, if any one pleases.

We have made no changes in the number given by Jukes, save in a very few cases, where some interesting species have been quite recently discovered. We have, however, annexed to the Table a group of animals, not yet thought to be determined with sufficient certainty to be placed in the divisions to which they belong, if there is no mistake as to their nature. These are the *Lithichnozoa*, or animals known only by their tracks. We believe that in many instances a track furnishes quite as good a means of determining the character of an extinct animal, as the imperfect fragments of their skeletons from which their nature has been inferred. But palæontologists are reasonably slow in admitting any new principles, and therefore let this group stand by itself, and pass for as much as it is worth. The enumeration which we give must of course be very imperfect; yet it is interesting to see that there is scarcely a formation that has not already its Ichnology. Professor Owen has fully installed this branch of Palæontology into its proper place in his admirable work on Palæontology, from the Encyclopedia Britannica, *Eighth Edition*, and there is the best account of Ichnology as a whole which we have seen.

FOSSIL PLANTS.

Unger in his work on Palæophytology has presented us with the following estimate of the genera and species of fossil plants arranged under the three divisions of Dicotyledons, Monocotyledons, and Acotyledons.

Dicotyledons.	*Genera.*	*Species.*
Thalamifloræ,	24	84
Calycifloræ,	56	182
Corollifloræ,	23	60
Monochlamydeæ Angiospermæ,	48	221
——— Gymnospermæ,	56	363
Monocotyledons.		
Dictyogenæ,	2	5
Petaloideæ,	36	125
Glumiferæ,	5	12
Acotyledons.		
Thallogenæ,	31	203
Acrogenæ,	121	969
Doubtful,	35	197
	437	2421

These are distributed through the rocks as follows:

	Species.
Cambrian, Silurian and Devonian,	73
Carboniferous,	683
Permian,	76
Magnesian Limestone,	21
Trias or Upper New Red Sandstone,	33
Trias, Shell Limestone,	7
Trias, Variegated Marls,	70
Lias,	126
Upper Middle and Lower Oolite,	168
	1262

Forward.