

5. The *epitheca*, under which term is to be understood the more or less delicate cuticular investment, which, though in most cases very early removed by abrasion or otherwise, sometimes persists as a loosely attached epidermis, which may perhaps be regarded as homologically related to the chitinous wall of the radicle, and as representing the remains of the germinal membrane within which the entire zoarium is developed.

VII. MEASUREMENTS.—The magnified figures are nearly all enlarged either 50 or 140 diameters, and in most cases a scale is appended to them. The measurements have been expressed in the decimal parts of an inch except in some few instances among the woodcuts where the metric system has been used, but this is always marked on the figures.

The subjoined Table is given for the ready conversion of one system into the other.

Inches.	Millimetres.	Inches.	Millimetres.
·10	2·539	·60	15·239
·15	3·809	·65	16·509
·20	5·079	·70	17·779
·25	6·349	·75	19·049
·30	7·619	·80	20·319
·35	8·889	·85	21·589
·40	10·159	·90	22·859
·45	11·429	·95	24·129
·50	12·699	1·00	25·399
·55	13·969		