

THEORY OF CELLS.

THE vegetable cell was discovered by *Schleiden*, Professor of Botany at Jena, in 1838. Next year *Schwann* found the animal cell.

In 1844 *Koelliker* discovered that the egg cell, by division and multiplication, becomes an aggregation—a heap of new cells.

In 1849 *Huxley* found the two primary layers (observed long before by *Pander* and *Baer* in the chick) also in certain Invertebrata, the Medusæ; *Allman* had called these layers 'ectoderm' and 'endoderm' respectively.

In 1851 *Remak*, in his 'Untersuchungen über die Entwicklung der Thiere,' showed the egg to be a simple cell, and that from it, by repeated division or multiplication, arise