of the basalt plateaux, it serves as a striking memorial of the prolonged duration of the volcanic period, and of the enormous denudation which the Tertiary volcanic rocks of the British Isles have undergone.

In the last section a brief summary is given of the general succession of events, of which the detailed evidence is presented in the previous parts of the paper

Monday, 4th June 1888.

DR JOHN MURRAY, Vice-President, in the Chair.

1. Exhibition of Photographs.

Dr G. Sims Woodhead exhibited a series of Photographs of Large Sections of the Lung.

The following Communications were read :—

2. Mean Scottish Meteorology for the last Thirty-two Years, discussed for Annual Cycles, as well as Supra-annual Solar Influences, on the basis of the Observations of the Scottish Meteorological Society, as furnished to, and published by, the Registrar-General of Births, Deaths, &c., in Scotland, after being computed for that Office at the Royal Observatory, Edinburgh. By the Astronomer-Royal for Scotland.
3. On John Leslie's Computation of the Ratio of the Diameter of a Circle to its Circumference. By Edward Sang, LL.D.

Of all the processes for computing to great precision this most important ratio, that by means of the series for the arc in terms of its tangent is the most rapid. Seemingly short, however, it is truly a very long process ; to reach its beginning we must know the laws of differentials and integrals, must be familiar with the higher