

it, but for which no theory had been proposed. In the last two sections, the author treats of the collateral subject of the vision of cameos, and of the drawings of solid bodies.

2. Papers on Glaciers. No. 1, Account of a Geometrical Survey of the Mer de Glace of Chamouni. By Professor Forbes.

This paper does not admit of abridgment. The author gave an account of a survey which he executed of the whole extent of the principal glacier of Mont Blanc and its tributaries. A base line of nearly 3000 feet was carefully measured in the valley, and extended by means of a very careful triangulation to a point on the glacier distant 28,600 feet, and elevated 4400 above the base line. From the several points of this triangulation, the positions and heights of the adjoining mountains were taken and laid down on a map on a scale of  $\frac{1}{22000}$  of nature, portions having been drawn out to  $\frac{1}{10000}$ . The map was laid before the Society, and is now being engraved.

The following Donations of Books to the Society's Library were announced.

Elements of Chemistry, including the Applications of the Science to the Arts. By Professor Graham, University College, London. Part 6.—*By the Author.*

Maps of the Irish Ordnance Survey, containing the County of Waterford, in 42 sheets.—*By his Excellency the Lord Lieutenant.*

The following Donations to the Museum were presented—

Specimens of Volcanic Rocks from Vesuvius, and Minerals from Derbyshire.—*Presented by Sir T. M. Brisbane, Bart.*

Specimens of Fossil Shells from Grignon, collected by Dr Stark in Oct. 1833.—*Presented by John Stark, Esq.*

The following gentlemen were duly elected Ordinary Fellows of the Society :—

Dr John Rose Cormack, Fellow of the College of Physicians of Edinburgh.

Dr Allen Thomson, Professor of the Institutes of Medicine in the University of Edinburgh.