

British Association, Professor Philips, who by his labours threw much new light on the palæontology of Devonshire, who, in the *Memoirs of the Survey*, has contributed an admirable Monograph on the Silurian and other rocks around the Malvern hills, and who, by his lectures and writings, is now constantly advancing geological science in the oldest of our British Universities.

“There is yet one subject connected with the Geological Survey to which I must also call your attention—viz., the mineral statistics of the United Kingdom, as compiled with great care and ability by Mr. Robert Hunt, the Keeper of the Mining Records, and published annually in the *Memoirs of our establishment*.

“These returns made a deep impression on the statisticians of foreign countries who were assembled last year in London at the International Congress. The Government and members of the Legislature are now regularly furnished with reliable information as to our mineral produce, which, until very recently, was not obtainable. By the labours of Mr. Robert Hunt, in sedulously collecting data from all quarters, we now become aware of the fact that we are consuming and exporting about 80,000,000 of tons of coal annually (a prodigious recent increase, and daily augmenting). Of iron ore we raise and smelt upwards of 8,000,000 of tons, producing 3,826,000 tons of pig iron. Of copper ore we raise from our own mines 236,696 tons, which yield 15,968 tons of metallic copper; and from our native metallic minerals we obtain of tin 6,695 tons; of lead, 63,525 tons; and of zinc, 4,357 tons. The total annual value of our minerals and coals is estimated at 26,993,573*l.*, and that of the metals (the produce of the above minerals) and coal at 37,121,318*l.*

“When we turn from the consideration of the home survey to that of the geological surveys in the numerous colonies of Great Britain, I may well reflect with pleasure on the fact that nearly all the leaders of the latter have been connected with, or have gone out from, our home geological survey and the Government School of Mines.

“Such were the relations to us of Sir William Logan in Canada, of Professor Oldham in India, with several of his assistants; of Selwyn in Victoria, of my young friend Gould in Tasmania, as well as of Wall in Trinidad; while Barret, in Jamaica, is a worthy pupil of Professor Sedgwick. Passing over the many interesting results which have arisen out of the examination of these