



LIGN. 158. GEOLOGICAL AND MINERALOGICAL HAMMERS.

Fig. 1 and 4, 6, are adapted for breaking large stones or masses of hard rock; the thinner ends are convenient for splitting and trimming fragments to a moderate size. The head should be from four to five inches long, one and a half inch wide on the crown, and from two to three pounds in weight; the length of the handle from eighteen to twenty inches.

2 and 3.—This is my favourite hammer, and will be found most generally useful; the short square head for breaking, and the pick for splitting stones, and extracting fossils of moderate size; weight of the head two pounds, length seven inches; width of the crown one and a half inch; handle from twelve to fourteen inches long, and one inch wide at the lower part, for the convenience of a firm hold. If the handle be graduated as a foot measure, as in fig. 5, it will be found useful.*

5 and 8, 7, are smaller hammers for breaking and chipping stones and minerals; the heads from three to four inches long, and one and a half pound in weight; the handle one foot long.

* Hammers of this kind may be obtained at Messrs. Knight's, Foster-lane, London; and at 49, Cockspur-street, Charing Cross; care should be taken that the heads are of well tempered steel, and the handles of tough wood.