

quartz, and felspar, and sometimes other minerals. The *mica* is in the form of soft, elastic scales, and in some sorts of granites is black, and in others yellowish. The *quartz* is white, red, brown, or yellowish, and even colourless and transparent, and may be known by the glass-like surface of the broken pieces; while the *felspar* is more splintery, and for the most part in pieces of a longish shape.

*Gryphæa*. A species of fossil bivalve shell.

*Gypsum*, or plaster of Paris, is the sulphate of lime, being composed of lime and sulphuric acid; and much used in the formation of cements, casts, &c.

*Heliacal rising and setting of a star* is, properly, when it rises or sets with the sun; or a star is said to rise heliacally, when it is first seen after a conjunction with the sun: and to set heliacally, when it is so near the sun as to be hidden by its beams.

*Herbivorous*. Herb-devouring.

*Homogenous*, is a term applied to various subjects, to denote that they consist of similar parts, or of parts of the same nature and kind.

*Hornblende*. A species of rock, usually of a dark bottle-green colour: it is more shining and glossy than felspar, and heavier, but not so hard.

*Insectivorous*. Insect-devouring.

*Lava*. The matter ejected by volcanos.

*Lignites*. The inflammable material called *brown coal*.

*Limestone*. The carbonate of lime, being composed of lime and carbonic acid. There are many species, including chalk and marble.

*Lithophytes*. The fourth order of vermes or worms. They produce the coral, and in this order are fifty-nine species, under the four genera of *tubipora*, *madrepora*, *millepora*, and *tullipora*.

*Masseter*. The powerful muscle of the under jaw.

*Mica*, vide *Granite*.

*Mollusca*. The second order of vermes, including animals that are naked, and furnished with tentacula, or arms.

*Monads*. A genus of insects of the order infusoria. The generic character is a worm invisible to the naked eye, simple, pellucid, and resembling a point. The genus includes five species.

*Monitor*. A large species of lizard.

*Monocotyledonous*. The term of one of the then great trees, into which the whole vegetable kingdom is divided, and signifying one stem or seminal leaf.

*Myocus*. The dormouse.

*Œsophagus*. The membranous and muscular tube that conveys the food from the throat to the stomach.