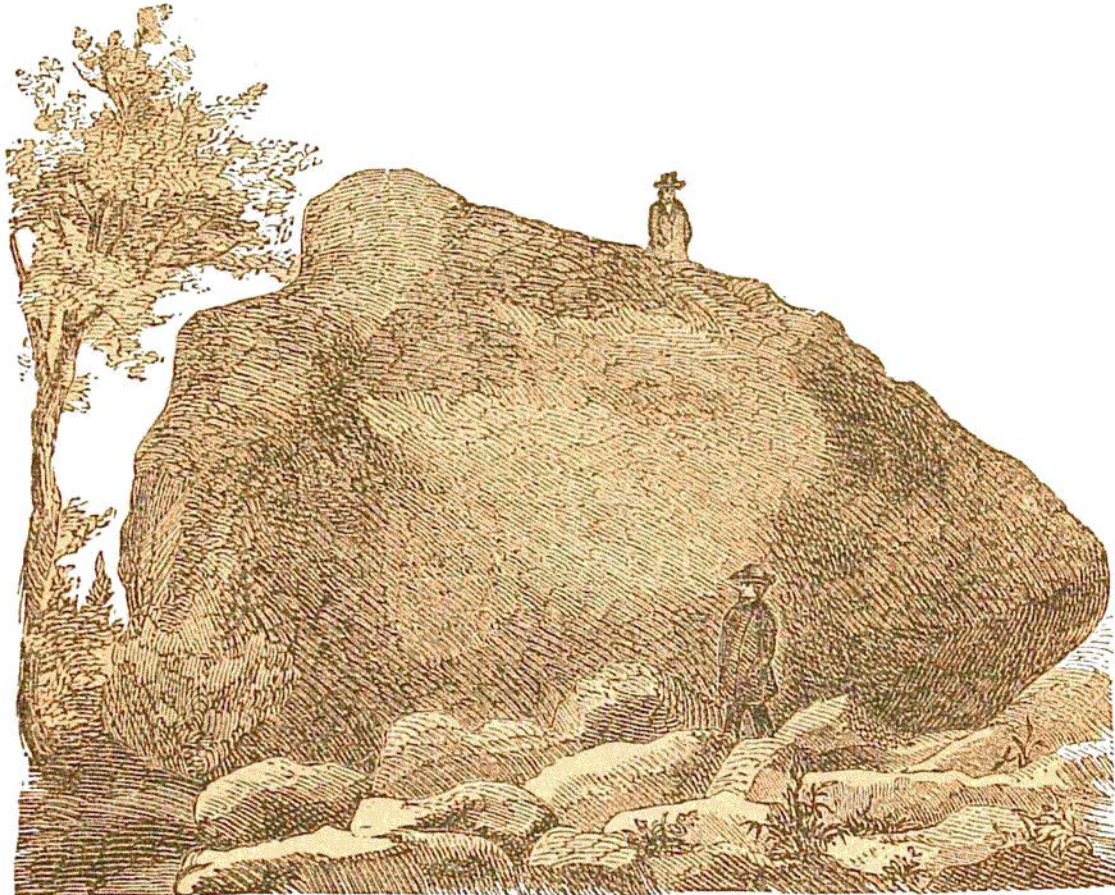


containing 40,000 cubic feet, near Neufchatel, on the Jura. It has been transported from near Martigny, more than 60 miles, across the great valley of Switzerland. Prof. Forbes describes a boulder in the Alps 62 feet in diameter, containing 244,000 cubic feet.

In this country boulders occur of equal dimensions. In Danvers, Mass., there is one called the *Ship Rock*, shown in Fig. 97, and which is the property of the Essex Society of Natural History.

Fig. 97.



*Ship Rock.*

On the top of Hoosic Mountain, in North Adams, Massachusetts, is a boulder of granite, called the *Vermont*, which weighs 510 tons. It has been transported from Oak Hill, across a valley 1,300 feet deep. The *Green Mountain Giant* is represented in Fig. 98. It is 40 feet long, 36 feet wide, and 27 feet high, and it weighs 3,400 tons. This has also been brought across a valley 1,000 feet deep, from the crest of the Green Mountains. It is now located upon a mountain in Whitingham, Vermont.

At Fall River, Massachusetts, there was a boulder of conglomerate, which originally weighed 5,400 tons, or 10,800,000 pounds; but it is all used up for building purposes.

*Effects of the Drift agency upon Ledges.*—One of the most remarkable effects of drift action is the smoothing, rounding, scratching, and furrowing of the surface of rocks in place. Ledges