

row ravine, which is prolonged to the neighbourhood of Zaffarana (*e*, fig. 33.), on the confines of the fertile region. These natural incisions into the side of the volcano are of such depth that they expose

Fig. 33.



Great valley on the east side of Etna.

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| <i>a</i> , Highest cone. | <i>b</i> , Montagnuola. |
| <i>c</i> , Head of Val del Bove. | <i>d</i> , Serre del Solfizio. |
| <i>e</i> , Village of Zaffarana on the lower border of the woody region. | <i>f</i> , One of the lateral cones. |
| | <i>g</i> , Monti Rossi. |

to view a great part of the structure of the entire mass, which, in the Val del Bove, is laid open to the depth of from 3000 to above 4000 feet from the summit of Etna. The geologist thus enjoys an opportunity of ascertaining how far the internal conformation of the cone corresponds with what he might have anticipated as the result of that mode of increase which has been witnessed during the historical era.

Description of Plate VIII.—The accompanying view (Pl. VIII.) is part of a panoramic sketch which I made in November, 1828, and may assist the reader in comprehending some topographical details to be alluded to in the sequel, although it can convey no idea of the picturesque grandeur of the scene.

The great lava-currents of 1819 and 1811 are seen pouring down from the higher parts of the valley, overrunning the forests of the great plain, and rising up in the foreground on the left with a rugged surface, on which many hillocks and depressions appear, such as often characterize a lava-current immediately after its consolidation.

The small cone, No. 7., was formed in 1811, and was still smoking when I saw it in 1828. The other small volcano to the left, from which vapour is issuing, was, I believe, one of those formed in 1819.

The following are the names of some of the other points indicated in the sketch:—

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| 1, Montagnuola. | 5, Finocchio. | 9, Musara. |
| 2, Torre del Filosofo. | 6, Capra. | 10, Zocolaro. |
| 3, Highest cone. | 7, Cone of 1811. | 11, Roca di Calanna. |
| 4, Lepra. | 8, Cima del Asino. | |

Description of Plate IX.—The second view (Pl. IX.) represents the same valley as seen from above, or looking directly down the Val del Bove, from the summit of the principal crater formed in 1819.*

* This view is taken from a sketch after comparison with several sketches of made by Mr. James Bridges, corrected my own.