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Campi Phlegræi

Observations On The Volcanos Of The Two Sicilies As They have been
communicated to the Royal Society of London

Supplement To The Campi Phlegræi Being An Account Of The Great
Eruption Of Mount Vesuvius In The Month Of August 1779. -
Communicated to the Royal Society of London

Hamilton, William

Naples, 1779

Illustrationen

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References to Plate II.

VIEW of the great eruption of Mount Vesuvius on Sunday night August the 8th 1779; taken from an original drawing done by M^r Peter Fabris near His Sicilian MAJESTY'S Palace at Paufilipo at the moment of the eruption.

Explication de la Planche II.

*V*UE de la grande eruption du Mont Vesuve le Dimanche au soir 8 d'Aout 1779; d'après un dessein original fait au moment même de l' eruption par le Sieur Pierre Fabris près du Palais de SA MAJESTÉ Sicilienne a Paufilipe.

Reproduction of the original

The original is a drawing of a building, showing the front elevation. It is a simple, rectangular structure with a gabled roof and a central entrance. The drawing is done in a sketchy, hand-drawn style.

Reference to Plate II

View of the front elevation of the building, showing the gabled roof and the central entrance. The drawing is a reproduction of the original, showing the same details as the sketch above.







References to Plate III.

VIEW of the eruption of Mount Vesuvius Monday morning August the 9th 1779 and of the magnificent column of smoke, which attended that eruption; taken from an original Drawing done from nature at Paufilipo by M^r Peter Fabris.

Explication de la Planche III.

*V*UE de l' eruption du Mont Vesuve Lundi le matin 9 d'Aout 1779 & de la superbe colonne de fumée, qui accompagnoit cette eruption d'après le Dessin original fait par le Sieur Pierre Fabris a Paufilipe.

III. Description de la Plante III.

Les fleurs de la plante sont
blanches et se trouvent
sur les tiges et les branches
de la plante. Elles sont
très petites et ont une
odeur agréable.

III. Description de la Plante III.

View of the garden of plants. The
flowers are white and are
found on the stems and
branches of the plant. They
are very small and have
a pleasant odor.







References to Plate IV.

N. 1. **F**RAGMENT of a very curious vitrified matter of a purple hue, and which emits strong sparks of fire, when struck with steel.

N. 2. After the late eruption the Author found many detached pieces of lava of this shape on Mount Vesuvius, and which he supposes to be drops from the great fountain of liquid fire of Sunday night August the 8th 1779.

N. 3. White pumice stone thrown out of Vesuvius during the last eruption.

N. 4. An other drop of lava. These drops are entirely composed of the new lava.

N. 5. Fragment of ancient lava invellped by a coat of new lava.

N. 6. Fragment of one of the Volcanick bombs.

N. 7. A most curious vitrified matter of the last eruption, which in every respect resembles flint.

N. 8. A volcanick bomb with a nucleus of ancient lava. Many of this kind lie scatter'd round the cone of Vesuvius.

Explication de la Planche IV.

N. 1. **F**RAGMENT d'une matiere vitrifiée très curieuse, & d'une couleur pourpre. Cette matiere étant frappée avec le briquet donne des étincelles très fortes.

N. 2. Après la dernière eruption, l'Auteur ramassa sur le Mont Vesuve plusieurs morceaux de lave de cette forme, qu'il suppose être des gouttes détachés du grand jet de lave qui sortit du Volcan dimanche au soir le 28 d'Aout 1779.

N. 3. Pierre ponce blanche jetée du Vesuve pendant la dernière eruption.

N. 4. Autre goutte de lave; toutes ces gouttes sont entièrement composées de la nouvelle lave.

N. 5. Fragment de lave ancienne envelopé d'une croute de la nouvelle lave.

N. 6. Fragment d'une des bombes volcaniques.

N. 7. Matiere vitrifiée extrêmement curieuse, & qui ressemble parfaitement au caillou.

N. 8. Une des bombes volcaniques avec le Nucleus, ou noyau d'une lave ancienne; on trouve grand nombre de cette espece sur les flancs, & au pied du Vesuve.





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References to Plate V.

N. 1. **F**Ragment of new lava the pores of which are filled with a perfect vitrified matter, some of this matter by the confined air has been blown into bubbles on it's surface, which are semi-transparent like our common glafs bottles.

N. 2. Solid pieces of perfect glafs in the center of a piece of lava, and which from it's thickness appears perfectly black, and opaque; such vitrifications are very common in the lava of the last eruption.

N. 3. When a piece of lava of the late eruption crack'd without separating, the fibres of perfect glafs are seen as in this specimen in the cracks.

N. 4. Piece of scoria of lava much vitrified from such scoriæ proceeded the natural spun glafs, which fell at Ottaiano during the last eruption.

N. 5. Curious ramified scoria from the inside of a channel on Mount Vesuvius in which the lava had ran for several weeks successively.

N. 6. Another curious scoria of the lava of the last eruption.

N. 7. Small filaments of vitrified matter forced out of the minute pores of the lava at the time of it's contraction in cooling often formed masses like this specimen on it's surface, which are light, and in most respects resemble true pumice stone.

Explication de la Planche V.

N. 1. **F**Ragment de lave nouvelle, dont les pores se trouvent remplis d'une matiere parfaitement vitrifiée, quelques portions se sont élevées en boules demitransparentes sur sa surface par la force de l'air renfermée. Cette matiere ressemble a celle, dont on fait nos bouteilles ordinaires.

N. 2. Morceaux de verre parfait au centre d'un fragment de lave, qui a cause de leur epaisseur paroissent noires, & opaques. Cette espece de vitrification se rencontre frequemment dans la lave de la derniere eruption.

N. 3. Morceau de lave de la derniere eruption, ou l'on voit dans ses crevasses des filamens d'un verre parfait.

N. 4. Morceau de scorie de lave très vitrifiée, les filamens de verre qui tomberent a Ottaiano pendant la derniere eruption provenoient d'une lave pareille.

N. 5. Scorie singulierement ramifié prise de l'interieur d'un canal sur le Mont Vesuve, & dans le quel la lave avoit coulée plusieurs semaines consecutives.

N. 6. Autre scorie curieuse de la lave de la derniere eruption.

N. 7. Des petits filamens de matiere vitrifiée forcées hors des pores de la lave au moment de sa contraction en se refroidissant formoient sur sa surface des masses telles qu'elles se representent dans le numero. Elles son legeres, & ressemblent beaucoup a la veritable pierre ponce.

References to Plate V.

M. 1. The amount of new lava the pores of which are filled with a gas...

M. 2. The amount of new lava the pores of which are filled with a gas...

M. 3. When a part of lava of the type...

M. 4. The amount of new lava the pores of which are filled with a gas...

M. 5. The amount of new lava the pores of which are filled with a gas...

M. 6. Another specimen from the lava...

M. 7. Small fragments of vitreous lava...

Figures of the Lava.

M. 1. The amount of new lava the pores of which are filled with a gas...

M. 2. The amount of new lava the pores of which are filled with a gas...

M. 3. When a part of lava of the type...

M. 4. The amount of new lava the pores of which are filled with a gas...

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M. 6. Another specimen from the lava...

M. 7. Small fragments of vitreous lava...





