

It may excite surprife that I have faid fo little regarding the different productions of volcanoes, after the numerous works that have been published on this fubject. I have only to fay, that the defcriptions hitherto published are in general fo vague and imperfect, that it is not poffible, from them, to give a fatisfactory account of the various true volcanic rocks. We have to expect a defcription of this kind from that confummate mineralogift MOHS, one of the few capable of conducting with judgment fo delicate and interefting an investigation.

We fhall conclude the account of the general mineral repositories, that is, the different kinds of rock, by ftating the phenomena, and explaining the caufes, of volcanoes.

Volcanoes are of two kinds: 1. Pseudo-Volcanoes. 2. True Volcanoes.

1.

Pseudo-Volcanoes.

1. They occur ufually in low fituations, fometimes alfo in hilly country. They are difcovered by the fenfible heat of the furface of the earth in their vicinity; fometimes by fmoke, more feldom by flame. Sulphureous and ammoniacal depofitions frequently incruft the ground; and fometimes warm fprings occur in their vicinity.

2. They are almoft always fituated in the independent coal formation; and are caufed by the
 fpontaneous