countries, it is ſaid by many mineralogiſts to be a volcanic product. This opinion, however, appears to be unfounded; 1ſt, Becauſe obſidian has never been obſerved accompanying lava; 2d, Becauſe it paſſes into pitchſtone, and is thus connected with baſalt, clinkſtone, felſpar, and clayſtone; 3d, Becauſe it contains a conſiderable portion of water of compoſition, which is never the caſe with true volcanic rocks.

5.

Pumice.

Bimſtein.—*Werner.*

1. This rock appears alſo to occur in the neweſt flœtz-trap formation.

2. It was formerly the general opinion, that it was a volcanic product, becauſe it frequently occurs in countries conjectured to be of igneous formation. It is now aſcertained to be an aquatic product, from the following facts: 1. It alternates with Neptunian rocks, as baſalt and porphyry; 2. It is moſt diſtinctly ſtratified, and theſe ſtrata are ſometimes compoſed of globular diſtinct concretions; 3. It paſſes into obſidian and pearlſtone, and is thus connected with baſalt, pitchſtone, porphyry-ſlate, clayſtone, and felſpar; 4. It contains water of compoſition, which, as we have juſt mentioned, is never the caſe with true volcanic rocks; 5. It has never been obſerved to flow in ſtreams from the crater or ſides of a volcano, and no one ever

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