

lations, and geographic distribution.—5. *Chalk formation*: Its geognostic characters and relations, and geographic distribution.—6. *Flatz-trap formation*.—7. *Coal formation*: 1. There are three principal coal formations. Particular account of the geognostic characters and relations, and geographic distribution, of the *independent coal formation*.—8. *Newest flatz-trap formation*: Its geognostic characters and relations, and geographic distribution.

## CHAP. IX.

CLASS IV.—Alluvial Rocks; *Aufgeschemmte-gebirge*, Werner, - - - Page 206

1. Definition: 2. Situation: 3. Division into two classes: 1<sup>st</sup> class, Alluvial depositions in mountainous countries: 2<sup>d</sup> class, Alluvial depositions in low and flat countries.

## CHAP. X.

CLASS V.—Volcanic Rocks; *Vulcanische-gebirge*, Werner, - - - 211

1. Pseudo-volcanic rocks: 2. True volcanic rocks.—*Pseudo-volcanoes*: 1. Description: 2. Geognostic situation: 3. Geographic situation: 4. Their effects inconsiderable.—*True volcanoes*: 1. Their shape: 2. Appearance when in a state of activity: 3. and 4. Particular account of the phenomena presented by volcanoes when in a state of activity: 5. Number of active volcanoes on the face of the earth: 6. Theories of volcanoes; that of Werner the most plausible.

CHAP.

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