

第
十
六
版
圖
解

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(第一圖)

「ポロモイ」山富士岩(紫蘇輝石、輝石富士岩)ノ顯微寫真ナリ石基ハ長石冊子、輝石柱及ビ粒、磁鐵鑛等ヨリ成リ殆ンド完晶質ノ場合多シ

Fハ「アノルサイト」長石、Hyハ紫蘇輝石(輝石微粒ノ集合體ヨリ成ル椽ヲ有ス)、Sハ岩漿分泌ノ部分ニシテ長石及ビ輝石ノ集合體ニシテ「ファイチック」構造ヲ示ス

(第二圖)

俱知安別岳富士岩(複輝石富士岩)

Fハ「ラブラドライト」長石、Hyハ紫蘇輝石、Aハ輝石、Cハ綠泥石(變化物)、Qハ副成分タル石英

(第三圖)

瀧ノ上熔岩(玻璃質紫蘇輝石、輝石富士岩)暗黒色ノ部ハ褐色「ガラス」ニシテ玉葱狀裂罅發達ス

Fハ「ラブラドライト」長石、Hyハ紫蘇輝石
岩脈ヲナス角閃石輝石斜長石流紋岩ニシテ幌別川下流ニ近ク露出ス

(第四圖)

Fハ「トリゴクレス」長石、Sハ「サニダイン」、Qハ石英、Hハ角閃石、輝石ハ此部分ニハ顯ハレズ

(第五圖)

「バスタイト」小紋岩ニシテ洞爺湖東岸ニ小岩脈ヲナス

(第六圖)

Fハ「ラブラドライト」長石、Bハ「バスタイト」輝石紫蘇輝石石英富士岩ノ岩脈ニシテ辨邊—小鉢岸間ノ道路ニ露出スルモノナリ

Fハ「ビトウナイト」長石、Aハ輝石、石英及ビ紫蘇輝石ハ此部分ニ顯ハレズ

Explanation of PL. XVI.

- Fig. 1.* Photomicrograph of the andesite of the Poromoi-yama type (hypersthene-augite andesite). The ground-mass is almost holocrystalline consisting of feldspar-laths, augite-prisms and grains, and magnetite crystals.
F=Anorthite, Hy=Hypersthene with resorption-margin (consisting of minute augite grains). S=Diabasic secretion with ophitic structure.
- Fig. 2.* Photomicrograph of the andesite of the Kutchanbets-dakó type (two-pyroxene andesite). F=Labradorite, Hy=Hypersthene, A=Augite, C=Chlorite (alteration-product). Q=Quartz as accessory mineral.
- Fig. 3.* Photomicrograph of the andesite of the Takinoué type (vitrophyric hypersthene-augite andesite). The dark part is glassy ground (brown-coloured) with perlitic cracks. F=Labradorite, Hy=Hypersthene.
- Fig. 4.* Hornblende-augite Plagioliparite, which occurs in a dyke-form on the lower course of the Poropets River, Mukōtōya.
F=Oligoclase, S=Sanidine, Q=Quartz, H=Hornblende.
- Fig. 5.* Bastite-porphyrte, which forms a dyke on the eastern shore of Tōya Lake. B=Bastite, F=Labradorite. The ground-mass is holocrystalline microgranular.
- Fig. 6.* Augite-hypersthene Dacite, which forms a dyke and is exposed along the road leading from Bembe to Opkeshi village. Quartz and hypersthene phenocrysts do not appear in this photomicrograph. F=Bytownite, A=Augite.



Fig. 4. (圖四第) || Nicols × 30

Fig. 3. (圖三第) || Nicols × 30

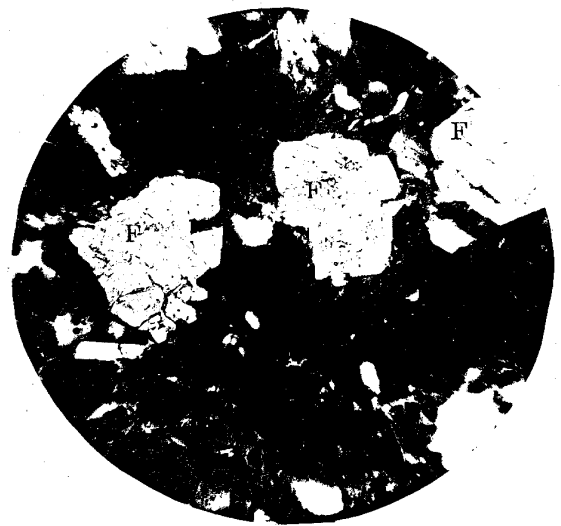


Fig. 6. (圖六第) || Nicols × 30

* Fig. 5. (圖五第) || Nicols × 30

