

やまと山脈，蝶が岳地形学図 (1:25,000)

GEOMORPHOLOGICAL MAP OF MOUNT TYŌ,  
YAMATO MOUNTAINS (1:25,000)

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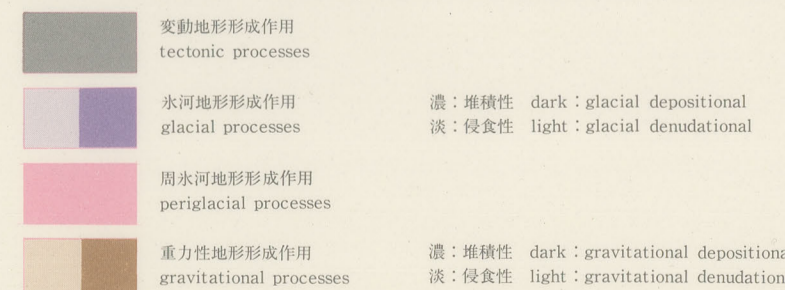
【資料】  
基図：建設省国土院(1981) 1:25,000地形図「蝶が岳」。  
地質図：国土院(1982) 1:25,000地質図「やまと山脈中央部、日野と日野」。  
空中写真：1969年、1970年、1975年撮影の黒白垂直航空写真(1:25,000—1:40,000)および1982年撮影のカラー垂直航空写真(1:50,000)。  
【Data source】  
Topographic map of Mount Tyō, 1:25,000, published by Geographical Survey Institute, 1981.  
Geological map of Central Yamato Mountains, Massif B and Massif C, 1:25,000, published by National Institute of Polar Research, 1982.  
Aerial photographs: Black and white vertical aerial photographs taken in 1969, 1970, and 1975, on a scale of 1:25,000—1:40,000, and colour vertical aerial photographs taken in 1982 on a scale of 1:50,000.



傾斜区分図 Slope classification map

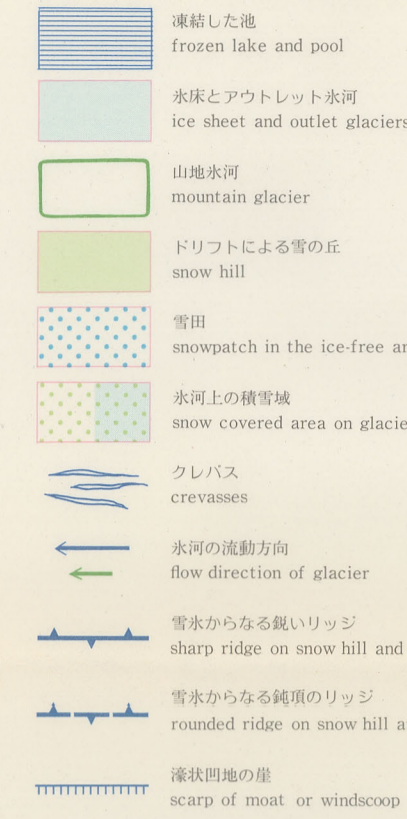


5. 地形形成作用域 Area of geomorphological processes



凡例 Legend

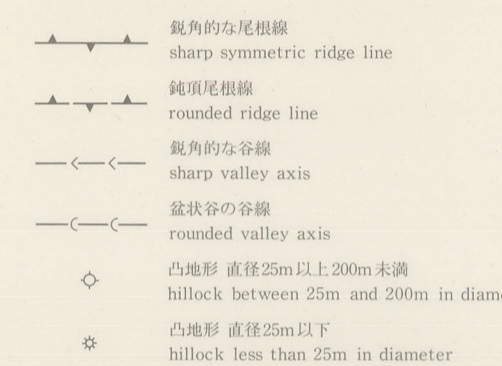
1. 陸水と氷河 Hydrography



2. 岩質・地質構造 Bedrock lithology and geological structure

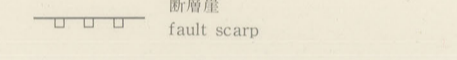


3. 地形形態的要素 Morphography

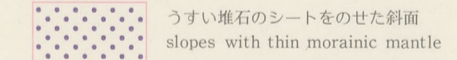
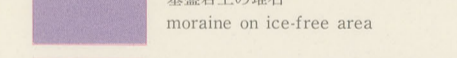
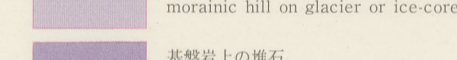
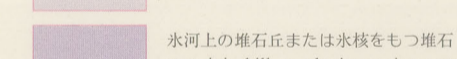
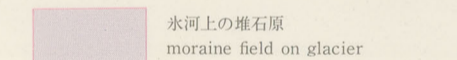
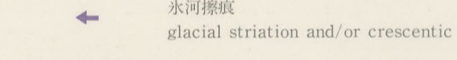
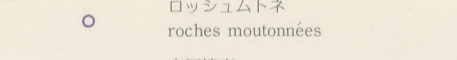
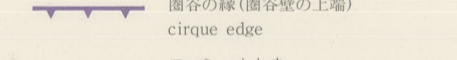
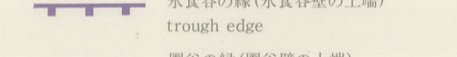


4. 地形の成因 Morphogenesis

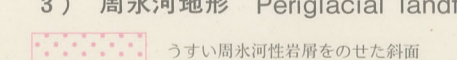
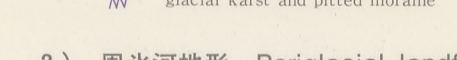
1) 変動地形 Tectonic landform



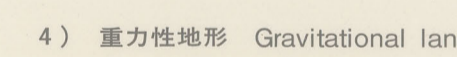
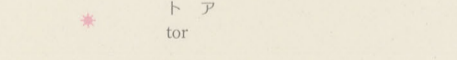
2) 氷河地形 Glacial landform



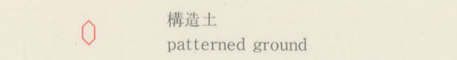
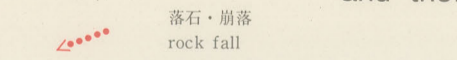
3) 周氷河地形 Periglacial landform



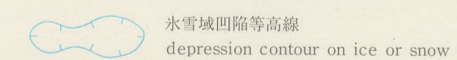
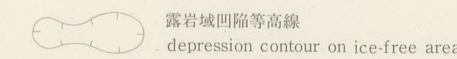
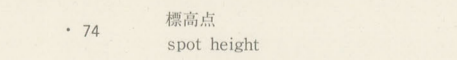
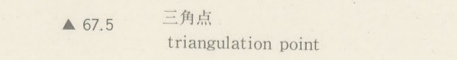
4) 重力性地形 Gravitational landform

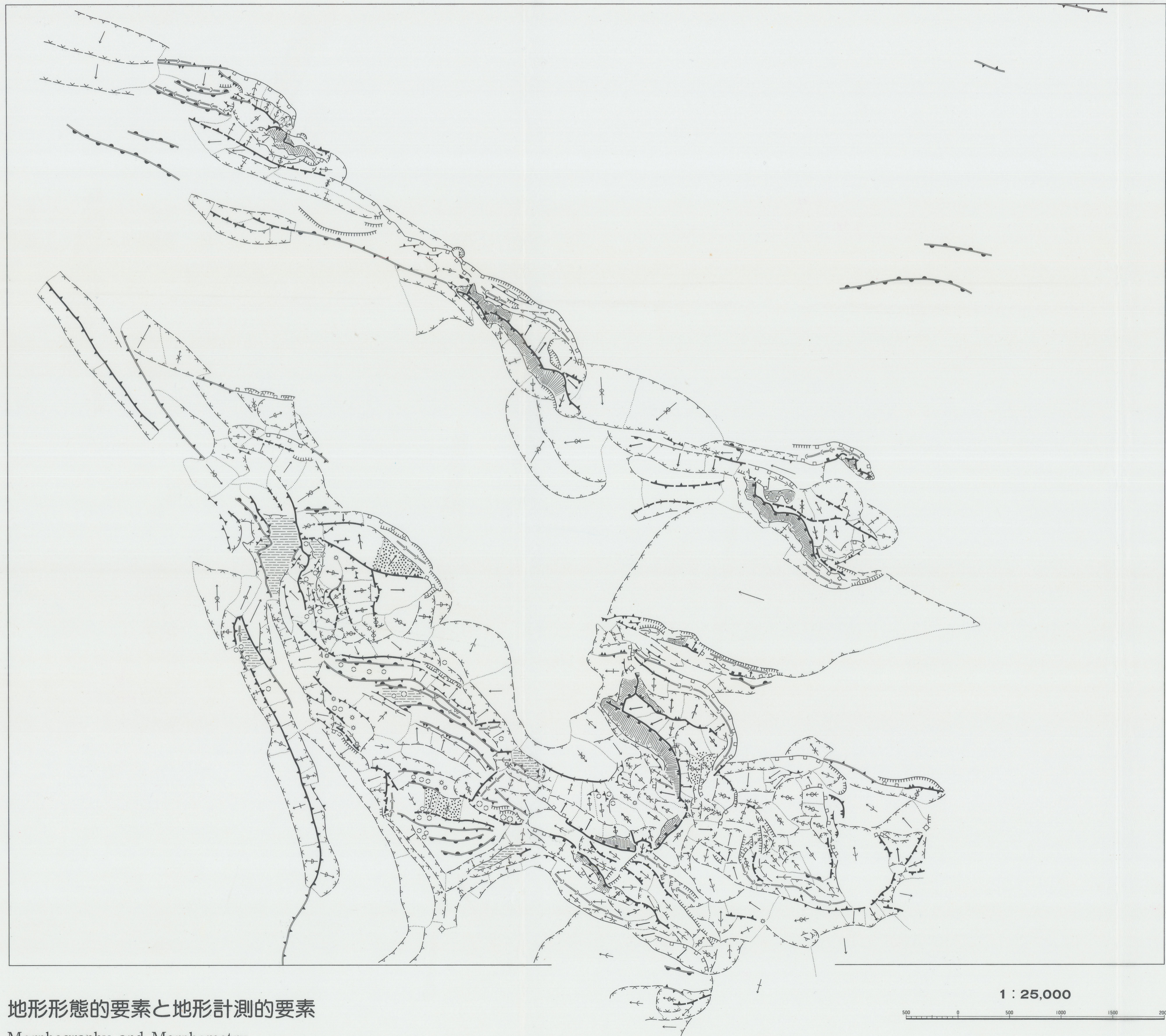


6. 地形形成作用と現象 Geomorphological processes and their traces



その他の記号 Other symbols





地形形態的要素と地形計測的要素  
Morphography and Morphometry

凡例 Legend

1. 大地形単位(長さ 100m 以上) Large morphological unit (more than 100m in distance)

1) 尾根線と谷線 Ridge line and valley axis

- ▲ 鋭角的な尾根線 sharp symmetric ridge line
- ▲ 鋭角的な非対称尾根線 sharp asymmetric ridge line
- ▲ 鈍頂尾根線 rounded ridge line
- ▼ 鋭角的な谷線 sharp symmetric valley axis
- ▼ 鋭角的な非対称谷線 sharp asymmetric valley axis
- ▼ 盆状谷の谷線 rounded valley axis

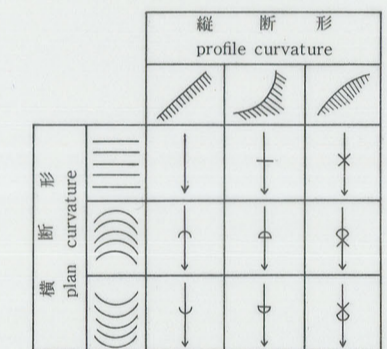
2) 斜面の境界 Boundary of slope

- 〰 鋭角的な連急線 convex break of slope
- 〰 鋭角的な連緩線 concave break of slope
- 〰 なめらかな連急線 convex change of slope
- 〰 なめらかな連緩線 concave change of slope
- ⋯ その他の境界線 inflection and other boundary

3) 斜面の表面形態 Surface features of slope

- ▨ 起伏伏地 irregular morphological unit
- 平滑斜面 smooth slope unit
- ▤ ゴツゴツした表面をもつ斜面 rugged slope unit

4) 斜面形 Slope form



5) 斜面傾斜 Inclination

- ▨ 傾斜40度以上 slopes greater than 40°
- ▨ 傾斜15度以上40度未満 slopes between 15° and 40°
- ▨ 傾斜3度以上15度未満 slopes between 3° and 15°
- 傾斜3度未満 slopes less than 3°

2. 小地形単位(長さ 100m 以下) Small morphological unit (less than 100m in distance)

1) 尾根地形 Ridge

- |   |                                    |
|---|------------------------------------|
| 幅25m以上200m未満<br>between 25m and 200m in width | 幅25m未満<br>less than 25m in width   |
| ▲ 鋭角的な尾根 sharp symmetric ridge                | ▲ 鋭角的な尾根 sharp symmetric ridge     |
| ▲ 鋭角的な非対称尾根 sharp asymmetric ridge            | ▲ 鋭角的な非対称尾根 sharp asymmetric ridge |
| ▲ 鈍頂尾根 rounded ridge                          | ▲ 鈍頂尾根 rounded ridge               |

2) 谷地形 Valley

- |   |   |
|---|---|
| 幅25m以上200m未満<br>between 25m and 200m in width | 幅25m未満<br>less than 25m in width              |
| ▼ V字谷 V-shaped valley                         | ▼ V字谷 V-shaped valley                         |
| ▼ 非対称V字谷 V-shaped asymmetric valley           | ▼ 非対称V字谷 V-shaped asymmetric valley           |
| ▼ 盆状谷 trough-shaped valley with concave walls | ▼ 盆状谷 trough-shaped valley with concave walls |
| ▼ 箱状谷 box-shaped valley                       | ▼ 箱状谷 box-shaped valley                       |

3) 凸地形と凹地形 Hillock and depression

- |   |                                      |
|---|--------------------------------------|
| 直径25m以上200m未満<br>between 25m and 200m in diameter | 直径25m未満<br>less than 25m in diameter |
| ◇ 凸地形 hillock                                     | ◇ 凸地形 hillock                        |
| ○ 凹地形 depression                                  | ○ 凹地形 depression                     |

4) 崖 Cliff

- ▬ 幅50m以上100m未満、高さ100m以上  
between 50m and 100m in width, more than 100m in height
- ▬ 幅25m以上100m未満、高さ100m以下  
between 25m and 100m in width, less than 100m in height
- ▬ 幅25m未満、高さ25m未満  
less than 25m in width, less than 25m in height