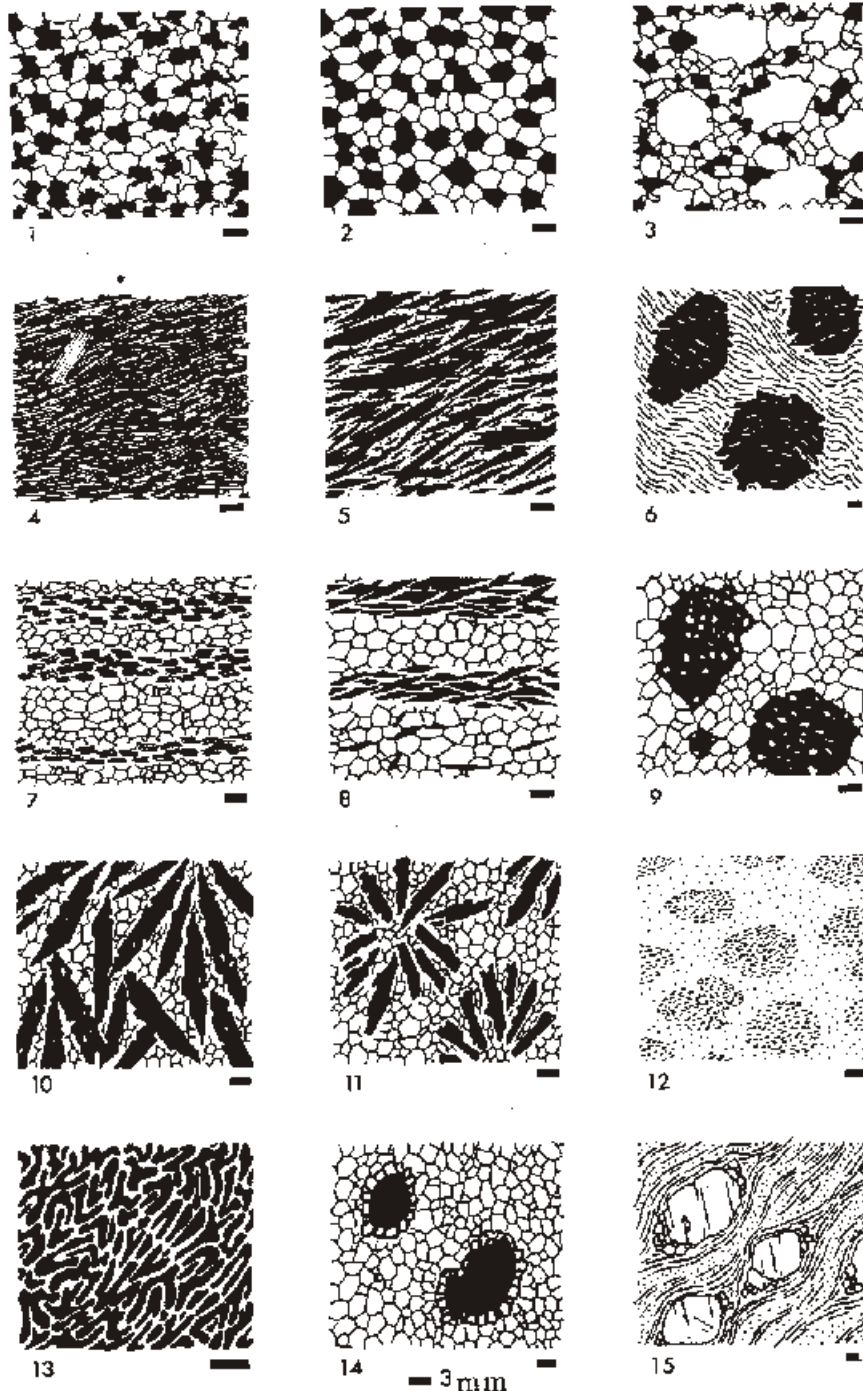




Principal Textures of Metamorphic Rocks

Table IV shows the principal textures of metamorphic rocks.

A: Rocks without preferential mineralogical orientation = granoblastic texture types

- (1) isogrannular texture (isosize xenomorphic minerals)
- (2) polygonal, mosaic texture (same but minerals with straight or curved borders and numerous triple junctions)
- (3) heterogrannular texture (different size minerals)

B: Rocks with texture highly dependant on its constituents habit

- (4) lepidoblastic texture: sheet mineral, more or less oriented
- (5) nematoblastic texture: needle-like or elongated prismatic minerals
- (6) porphyroblastic texture: numerous poikiloblasts with helicitic inclusions
- (10) sheaf texture
- (11) rosette texture
- (13) vermicular texture = symplectite of lobed minerals

C: Rocks resulting from A + B combinations

- (7) (1), (2), or (3) + (4) = grano-lepidoblastic texture
- (8) (1), (2), or (3) + (5) = grano-nematoblastic texture
- (9) (1), (2), or (3) + (6) = grano-porphyroblastic texture

D: Rocks displaying spherical or spheroidal minerals or groups of minerals (more or less included in a matrix of the type (1), (2), (3), (4), or (5))

- (12) nodular texture
- (14) reaction corona (coronitic) texture
- (15) augen (lens) texture (see Table V on tectonites)

E: Tectonite textures (see section 7.1, Table V).