

Explanations of plates

Plate 1

Figure 1. Transition from biomicritic to biosparitic limestone (packstone to grainstone) corresponds to SMF 5 (enlarged cca 80 μ m), Požáry quarry – bed No. 87 (Upper Ludlow).

Figure 2. Biosparitic limestone (grainstone) corresponds to SMF 11 (enlarged cca 31 μ m), Požáry quarry – bed No. 98 (Lower Přídolí).

Figure 3. Biosparitic limestone (grainstone) with micritized bioclasts corresponds to SMF 11 (enlarged cca 62 μ m), Požáry quarry – bed No. 98 (Lower Přídolí).

Figure 4. Biomicritic limestone (wackestone) corresponds to SMF 3 (enlarged cca 62 μ m), Požáry quarry – bed No. 99c (Lower Přídolí).

Plate 2

Figure 1. Slightly sorted biosparitic limestone with rounded bioclasts (grainstone) corresponds to SMF 12 (enlarged cca 40 μ m), Kosov quarry – bed No. 3 (Upper Ludlow).

Figure 2. Transition from biomicritic to biosparitic limestone (packstone to grainstone) corresponds to SMF 5 (enlarged cca 40 μ m), Marble quarry – bed No. 7b (Upper Ludlow).

Figure 3. Transition from biomicritic to biosparitic limestone with micritic pellets (packstone to grainstone) corresponds to SMF 5 (enlarged cca 40 μ m), Marble quarry – bed No. 6 (Upper Ludlow).

Figure 4. Biomicritic limestone (wackestone) corresponds to SMF 9 (enlarged cca 40 μ m), Marble quarry – bed No. 9 (Lower Přídolí).

Plate 3

Figure 1. Fossiliferous micritic limestone (mudstone to wackestone) corresponds to SMF 3 (enlarged cca 40 μ m), Radotín – bed No. 8 (Upper Přídolí).

Figure 2. Transition from biomicritic to biosparitic limestone (packstone to grainstone) corresponds to SMF 5 (enlarged cca 15 μ m), Radotín – bed No. 10 (Lower Lochkovian).

Figure 3. Transition from biomicritic to biosparitic limestone (packstone) corresponds to SMF 5 (enlarged cca 40 μ m), Radotín – bed No. 13 (Lower Lochkovian).

Figure 4. Transition from biomicritic to biosparitic limestone (wackestone to packstone), light-coloured lamina corresponds to SMF 5, surrounding biomicritic limestone to SMF 3 (enlarged cca 15 μ m), Podolí – bed No. 8 (Upper Přídolí).

Plate 4

Figure 1. Unsorted biosparitic limestone (grainstone) corresponds to SMF 5 (enlarged cca 63 μ m), Podolí – bed No. 10 (Lower Lochkovian).

Figure 2. Slightly sorted biosparitic limestone (grainstone) corresponds to SMF 5 (enlarged cca 78 μ m), Požáry quarry – bed No. 162 (Lower Lochkovian).

Figure 3. Biomicritic limestone (wackestone) corresponds to SMF 9 (enlarged cca 79 μ m), Černá rokle near Kosoř – bed No. 56 (Upper Lochkovian, Radotín Limestone).

Figure 4. Detail of chitinozoan with operculum implaced in-

side (Radotín Limestone, Černá rokle near Kosoř, enlarged cca 200 μ m).

Plate 5

Figure 1. Fossiliferous micritic limestone with calcified sponge spicules (mudstone) corresponds to SMF 3, alternatively SMF 1 (enlarged cca 79 μ m), Černá rokle near Kosoř – bed No. 87 (Lower Pragian, Dvorce-Prokop Limestone).

Figure 2. Biomicritic limestone (wackestone) corresponds to SMF 9 (enlarged cca 31 μ m), Homolka near Velká Chuchle – bed No. 15 (Lower Pragian, Dvorce-Prokop Limestone). Aggregate of dolomite and crystals associated with pyrite are situated in the center.

Figure 3. Biomicritic limestone (wackestone) corresponds to SMF 9 (enlarged cca 31 μ m), Homolka near Velká Chuchle – bed No. 36 (Lower Pragian, Dvorce-Prokop Limestone).

Figure 4. Sorted biosparitic limestone (grainstone) corresponds to SMF 11 (enlarged cca 31 μ m), Cikánka near Praha-Slivenec – bed No. 4 (Upper Lochkovian, Kotýs Limestone).

Plate 6

Figure 1. Transition from biomicritic to biosparitic limestone (packstone to grainstone) corresponds to SMF 5 (enlarged cca 31 μ m), Cikánka near Praha-Slivenec – bed No. 16 (Lower Pragian, Slivenec Limestone).

Figure 2. Umbrella effect in biosparitic limestone (enlarged cca 78 μ m), Požáry quarry – bed No. 100 (Lower Přídolí).

Figure 3. Stylolite suture cutting cephalopod shell (enlarged cca 15 μ m), Marble quarry – bed No. 3 (Upper Ludlow).

Figure 4. Stylolite suture with accumulated organic matter in fossiliferous micritic limestone (enlarged cca 31 μ m), Černá rokle near Kosoř – bed No. 82 (Lower Pragian, Dvorce-Prokop Limestone).

Plate 7

Figure 1. Silicified sponge spicules (enlarged cca 79 μ m, crossed nicols), Kosov quarry – bed No. 9 (Lower Přídolí).

Figure 2. Silicified cephalopod shell (enlarged cca 31 μ m, crossed nicols), Kosov quarry – bed No. 6 (Lower Přídolí).

Figure 3. Transition from biomicritic to biosparitic limestone with small silicification centre (enlarged cca 79 μ m, crossed nicols), Homolka near Velká Chuchle – bed No. 2 (Upper Lochkovian, Kosoř Limestone).

Figure 4. Chert from the bed No. 13 in Radotín section (Lower Lochkovian) (enlarged cca 78 μ m, crossed nicols).

Plate 8

Figure 1. Early diagenetic dolomite (enlarged cca 40 μ m), Marble quarry – bed No. 7b (Upper Ludlow).

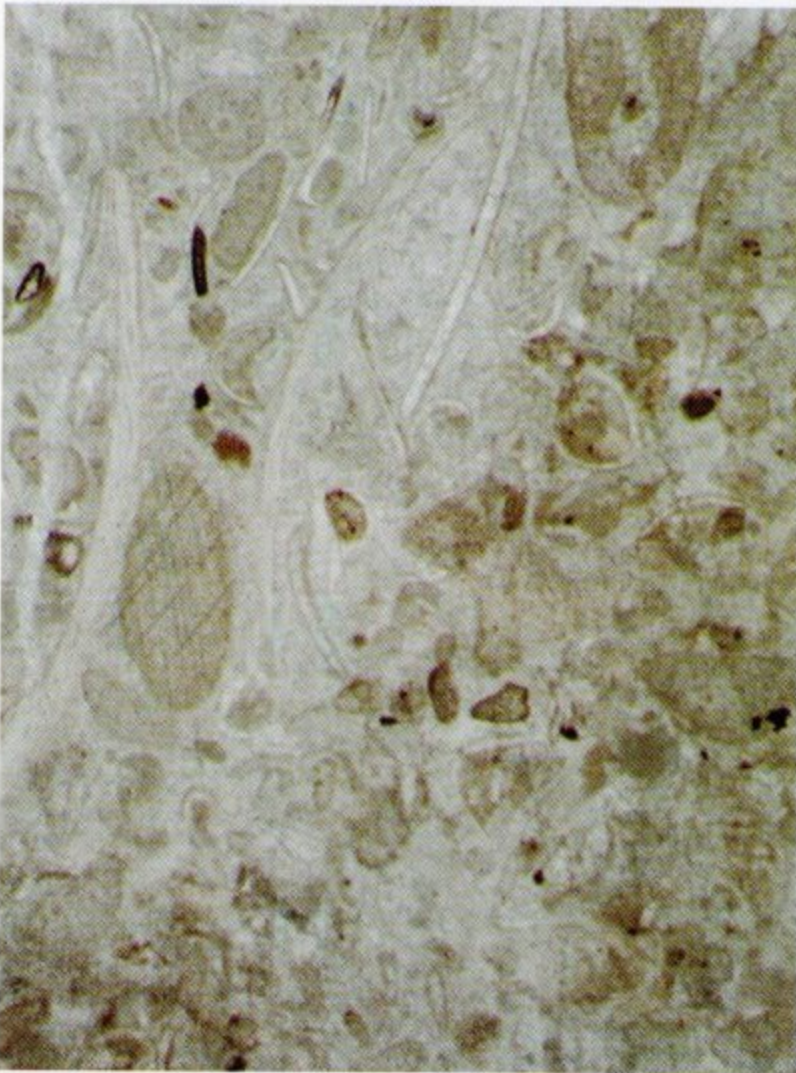
Figure 2. Late diagenetic dolomite rhombohedra at stylolite suture (enlarged cca 40 μ m), Požáry quarry – bed No. 161 (Lower Lochkovian).

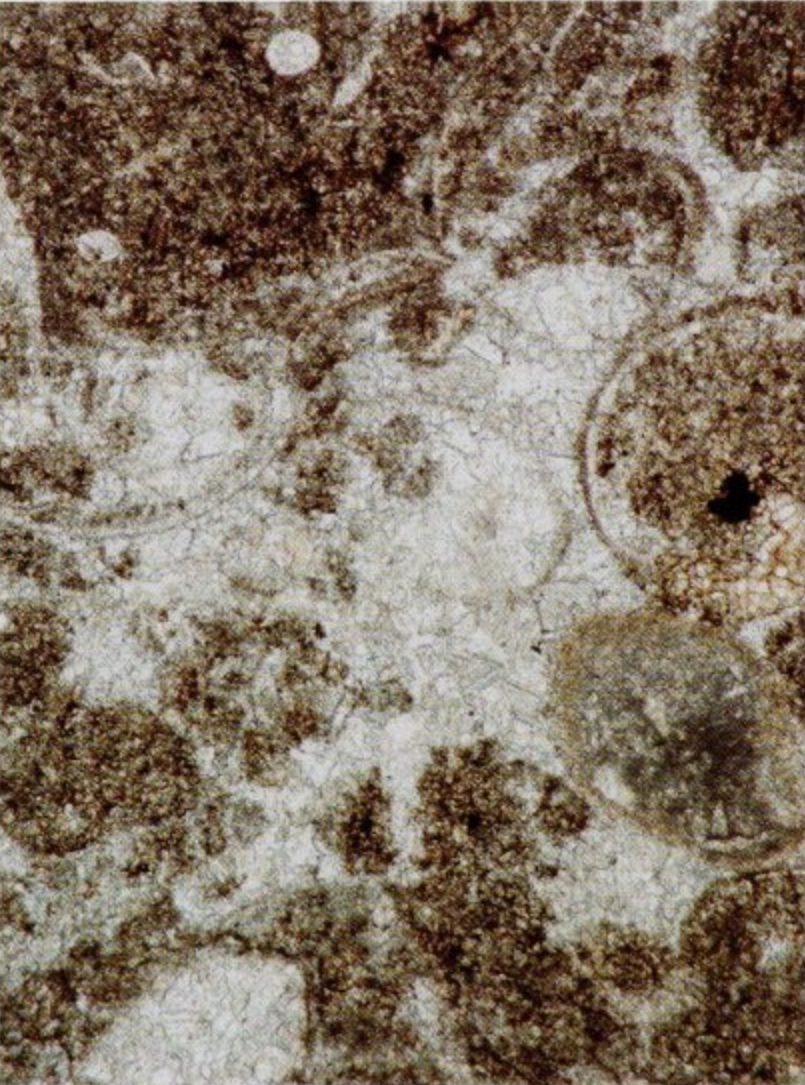
Figure 3. Early diagenetic dolomite with preserved corroded bioclasts (enlarged 31 μ m), Cikánka near Praha-Slivenec – bed No. 2 (Upper Lochkovian, Kotýs Limestone).

Figure 4. Late diagenetic dolomite rhombohedra in axial canal of crinoidal stem (enlarged 100 μ m), Požáry quarry – bed No. 162 (Lower Lochkovian).



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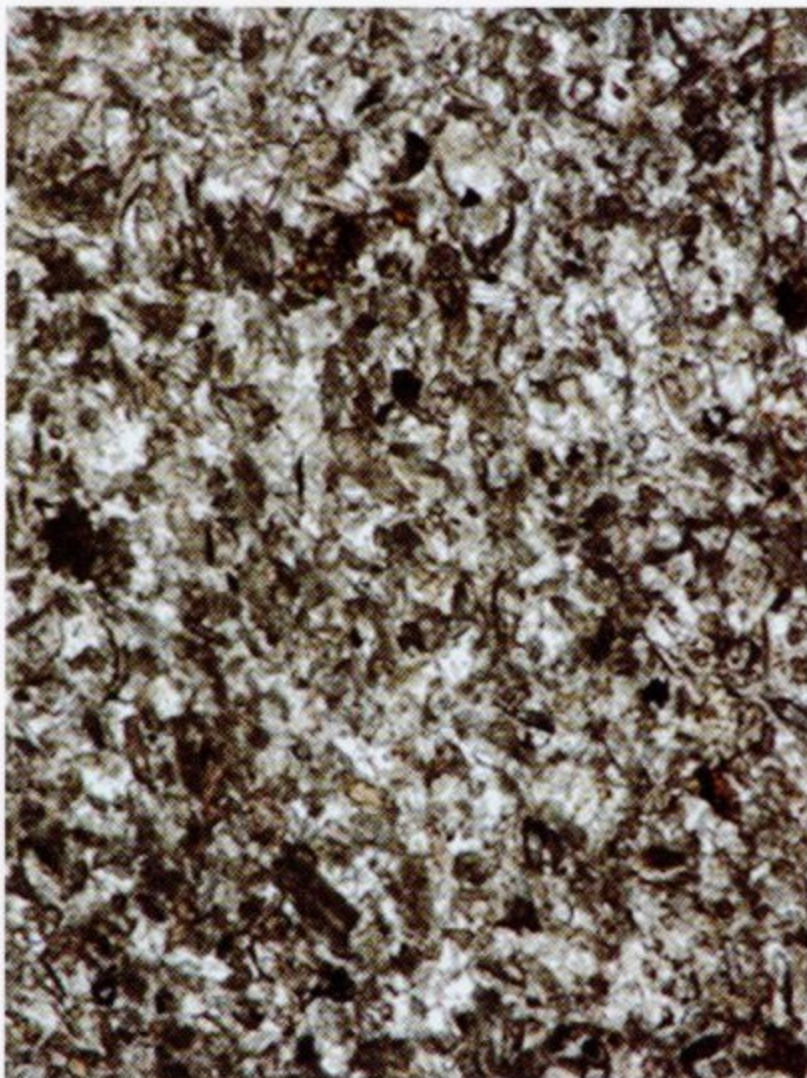


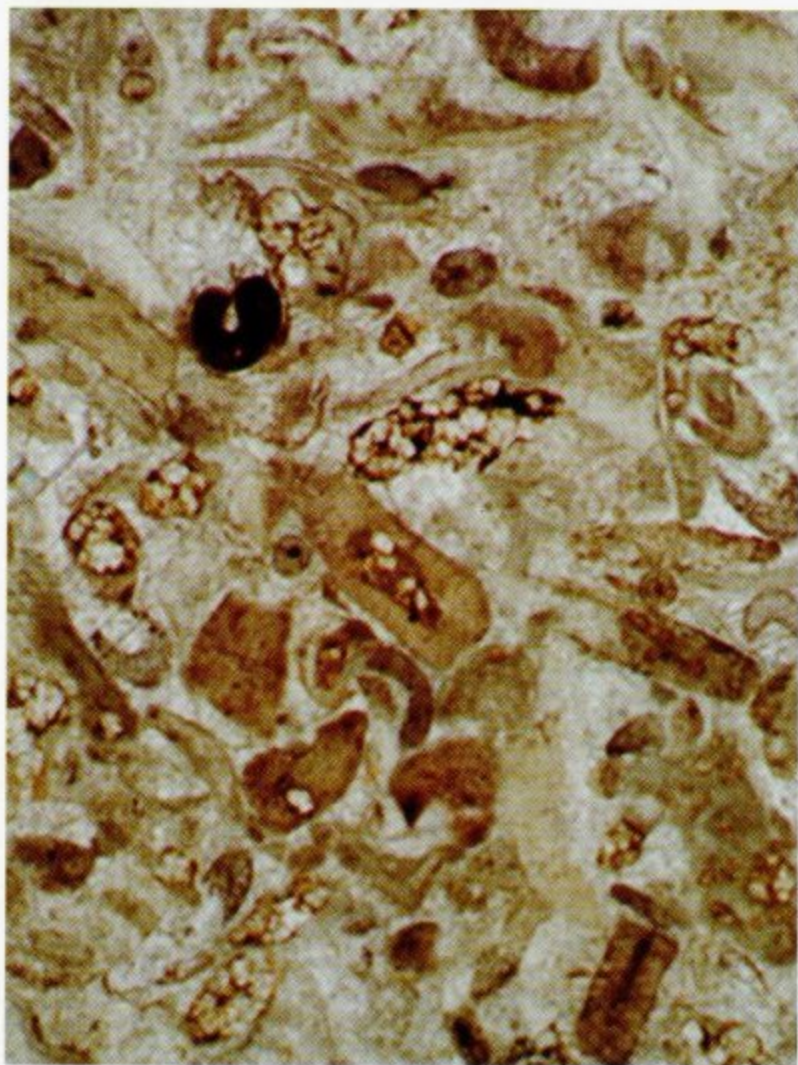
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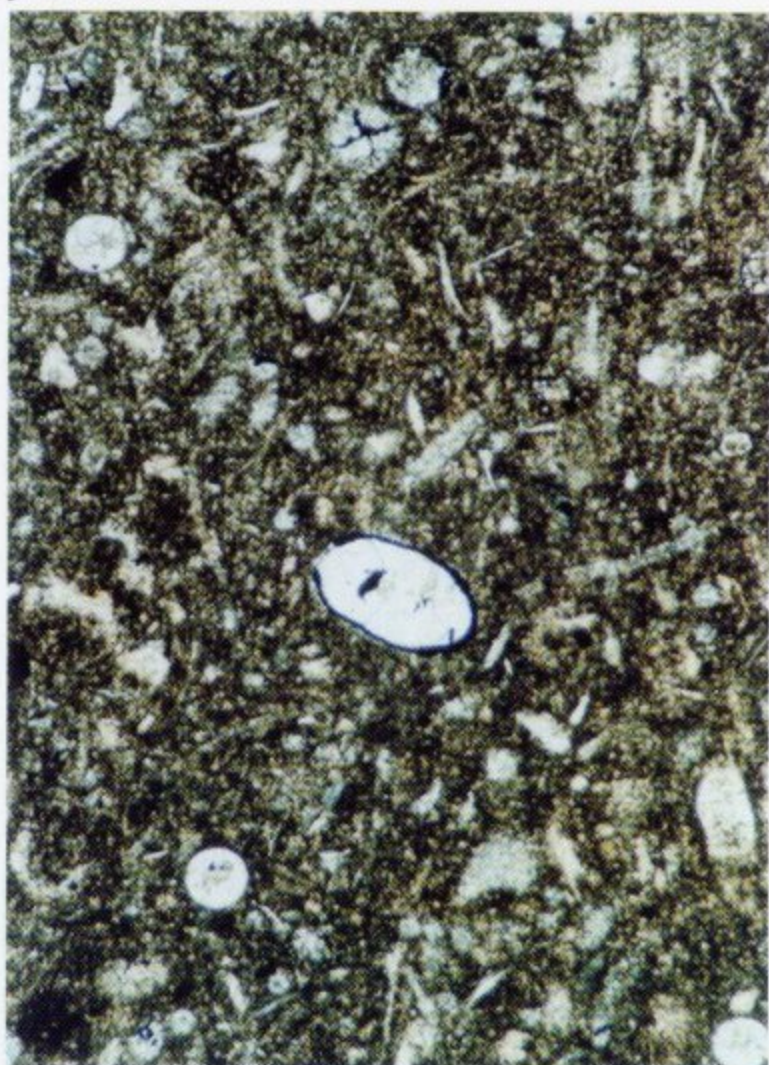


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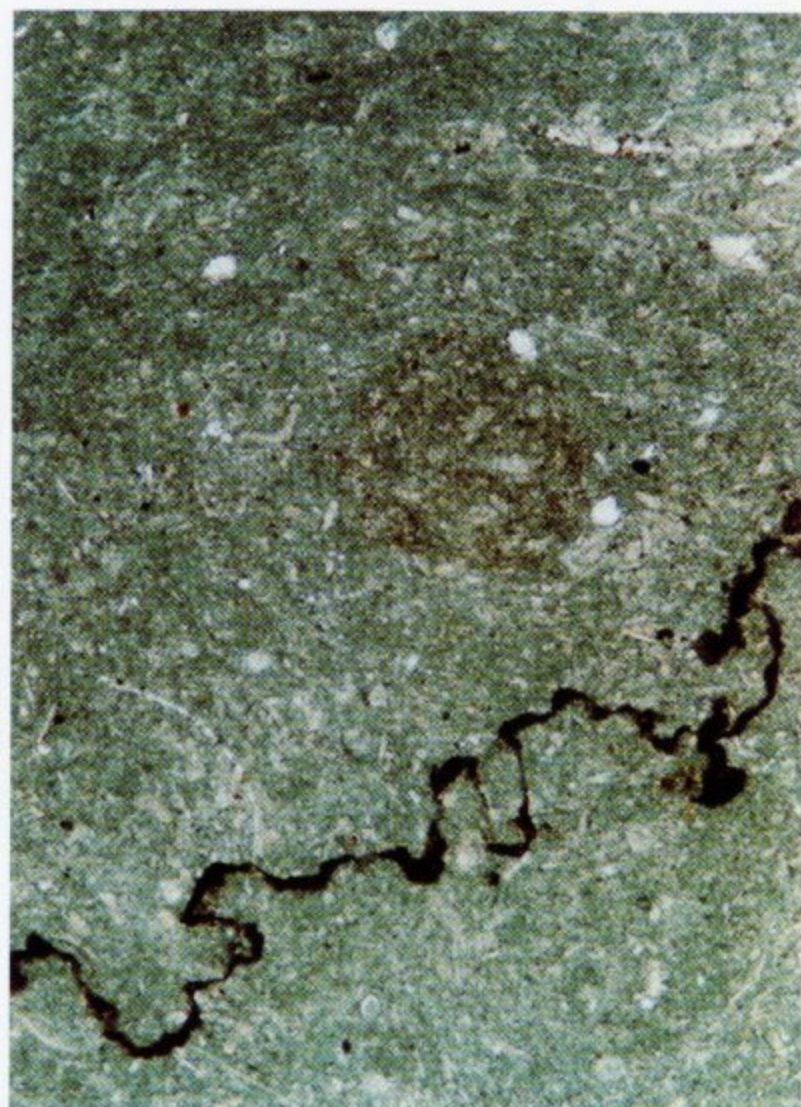
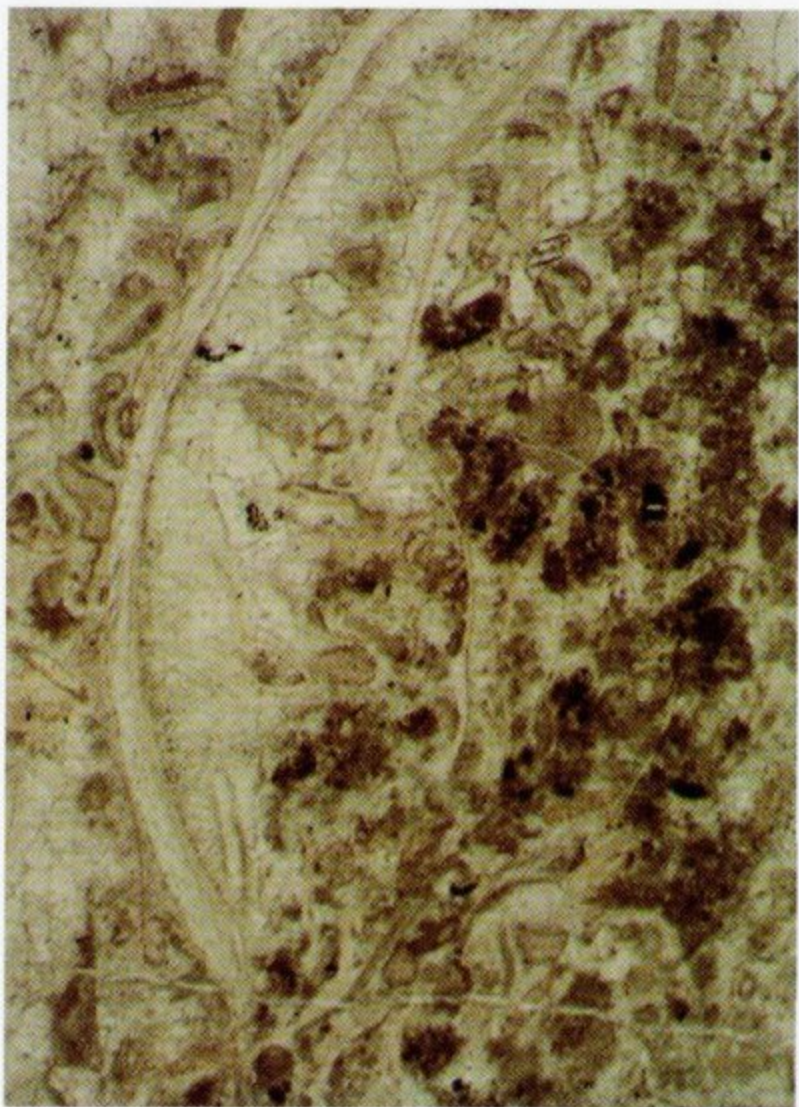
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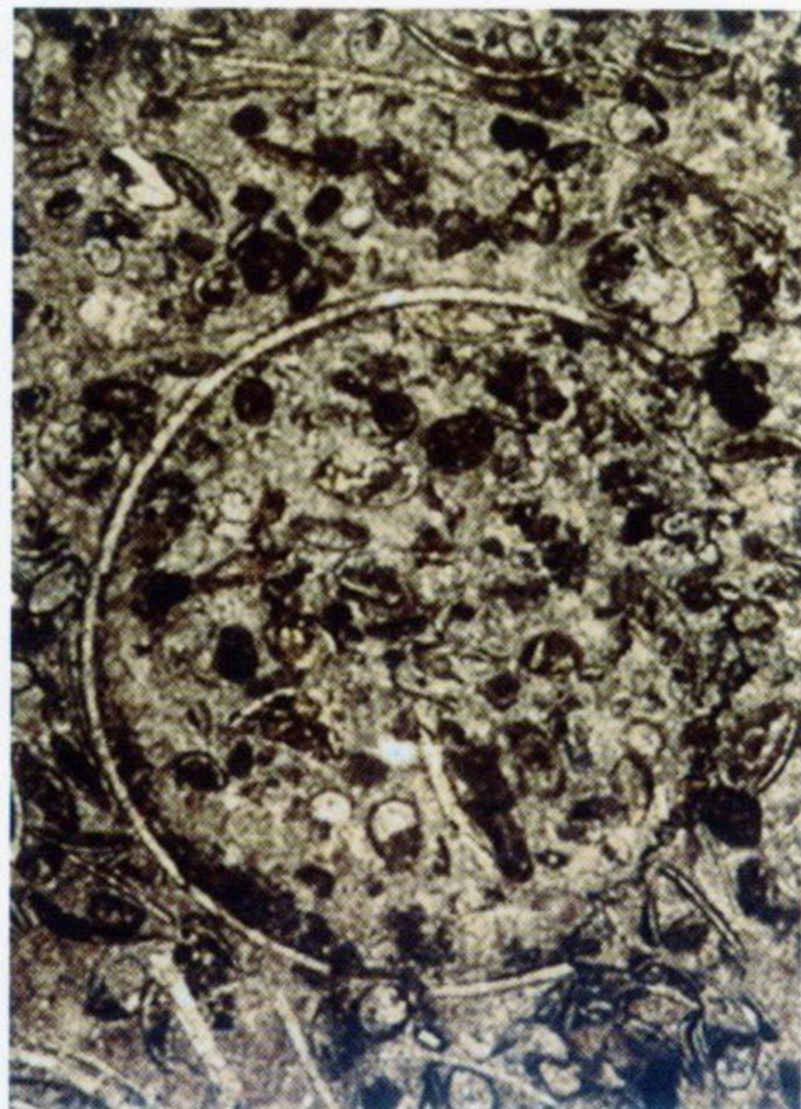


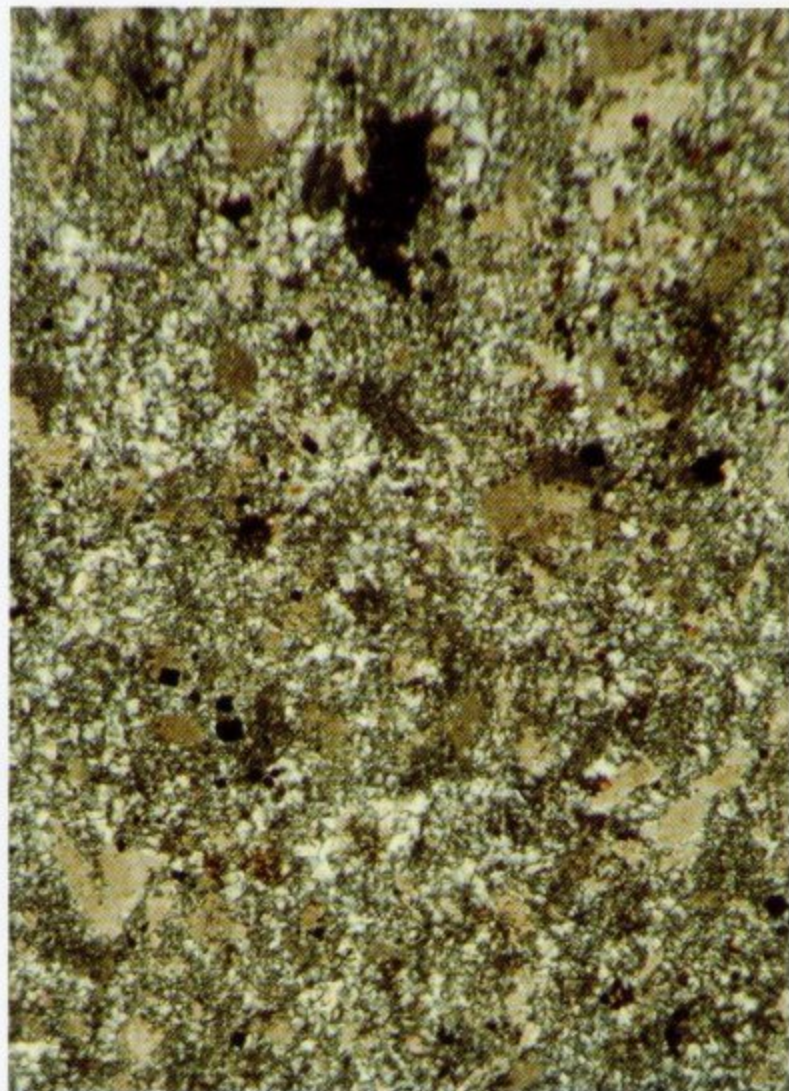
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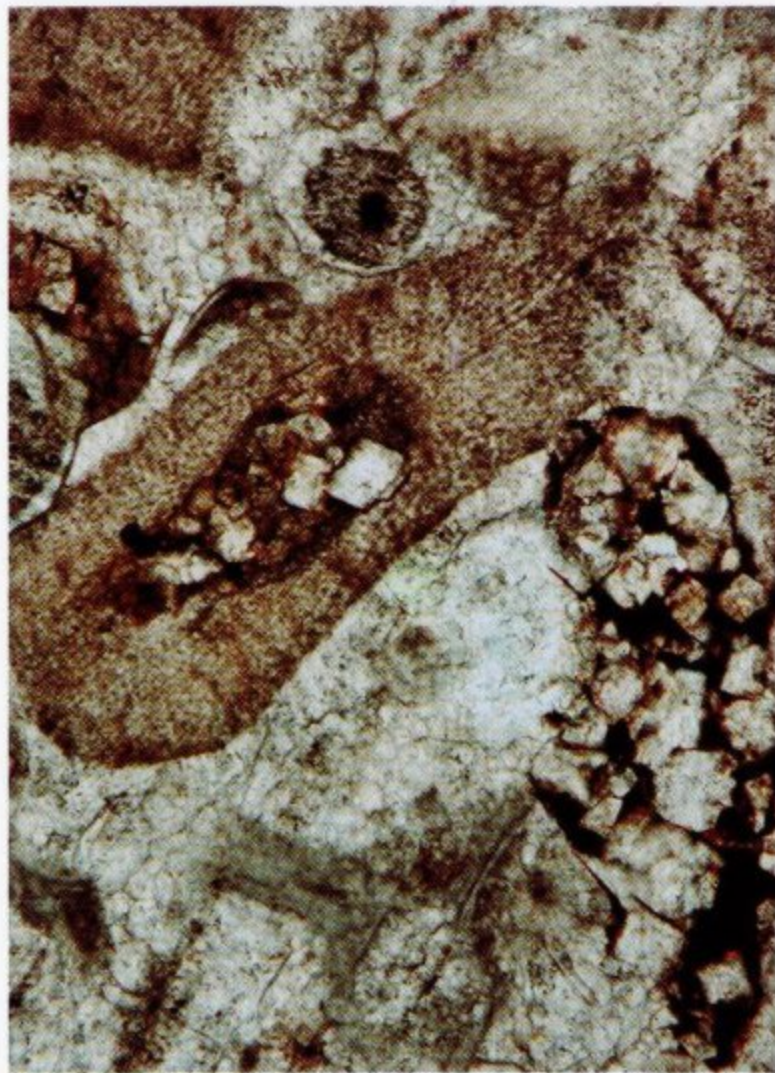
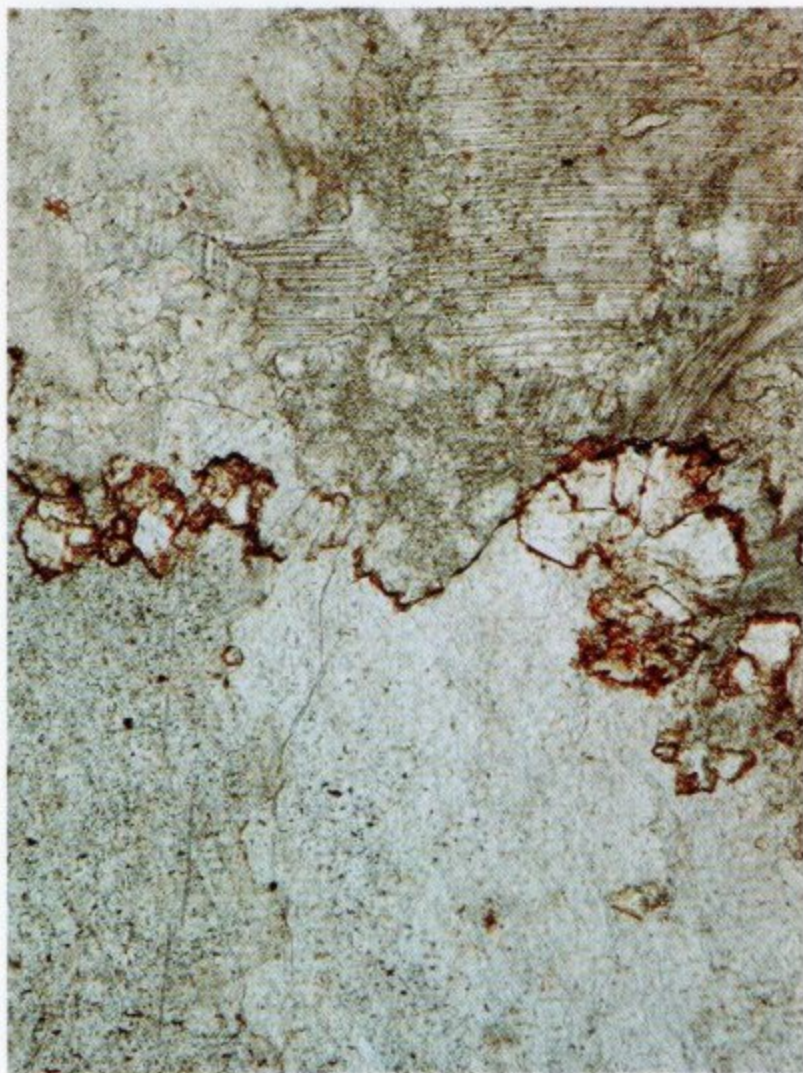
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