



Plate I - STRUCTURAL MAP OF THE ARNI AREA.

Legend:

- 1 - Turbiditic meta-sandstone (Oligocene).
- 2 - Calcschists, meta-radiolarites, phyllites, chloritic marbles (Dogger-Eocene).
- 3 - Metamorphic Cherty Limestone (Middle Lias).
- 4 - Marbles (Lower Lias).
- 5 - Dolomite (Upper Trias).
- 6 - Phyllites (Paleozoic).
- 7 - Strike and dip of first-phase axial-plane schistosity (S_1).
- 8 - Vertical first-phase axial-plane schistosity (S_1).
- 9 - Trend and angle of plunge of first-phase extension lineation (L_1).
- 10 - Trend and angle of plunge of first-phase axes (A_1).
- 11 - Strike and dip of late-phase axial plane cleavage.
- 12 - Trend and angle of plunge of late-phase axes.
- 13 - Trace of axial plane of late-phase second-order antiform with dip direction.
- 14 - Trace of axial-plane of late-phase second-order synform with dip direction. For symbols 13 and 14 large empty arrows indicate the overall attitude of S_1 .
- 15 - Trace of axial plane of late-phase and higher-order antiform with dip direction.
- 16 - Trace of axial plane of late-phase and higher-order synform with dip direction.
- 17 - Limits of the area projected in the profile normal to the late-phase axes (lower left corner of Plate).

The projection of the profile in the left corner has been executed assuming a late-phase axis with constant direction (N 170°) and plunge (18° to N) even if this is not exactly the situation, since a slight transversal folding is present, as can be seen from the stereoplots of S_1 and of late-phase axes.

Projections are on the lower hemisphere, and geographically oriented.