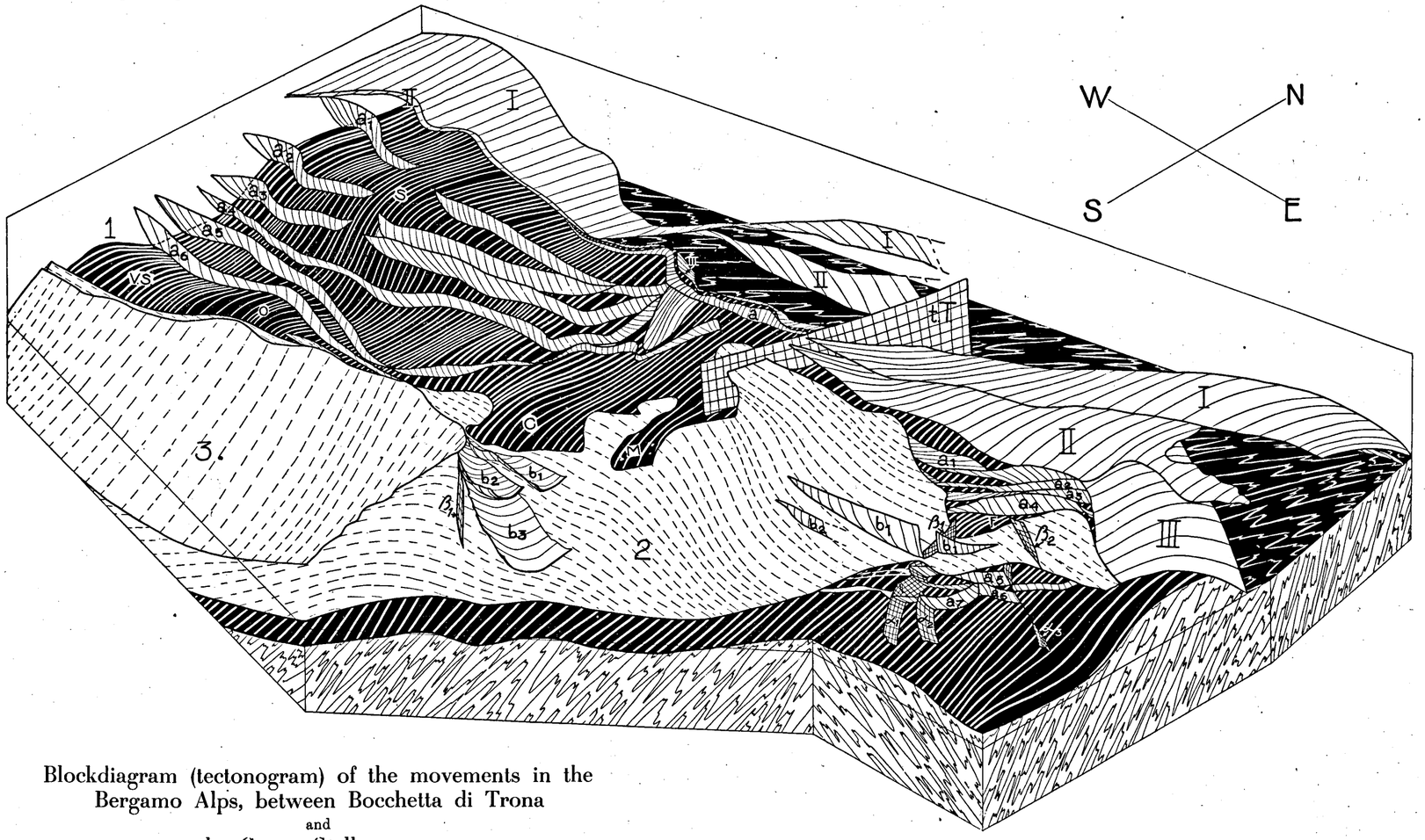
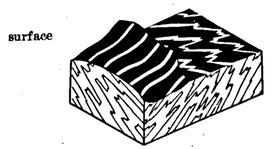


Blockdiagram (tectonogram) of the movements in the Bergamo Alps, between Bocchetta di Trona and the Corno Stella-group.

Scale 1 : 100.000.

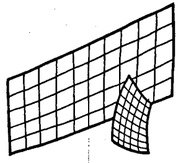
This Blockdiagram was constructed with the aid of fig. 1 (structural map of the substratum of the Bergamo Alps), of the sections and maps contained in bibl. 2, 3, 4 and 5 and of the tectonograms in bibl. 2 and 3.



I. Thrust of the Laghi di Porcile, II. Thrust of the gneiss Chiari, III. Thrust of the crystalline schists over the sedimentary series of the Bergamo Alps = the Orobic thrust.

a_1, a_2, a_3 etc. thrusts in the imbricate structure of the Permian-Lower Triassic sediments.
b_1, b_2, b_3 etc. spoon-shaped thrusts and other thrusts in the Muschelkalk-Esino sedimentary series, comparable with the thrusts in the Permian-Lower Triassic series of wedges.

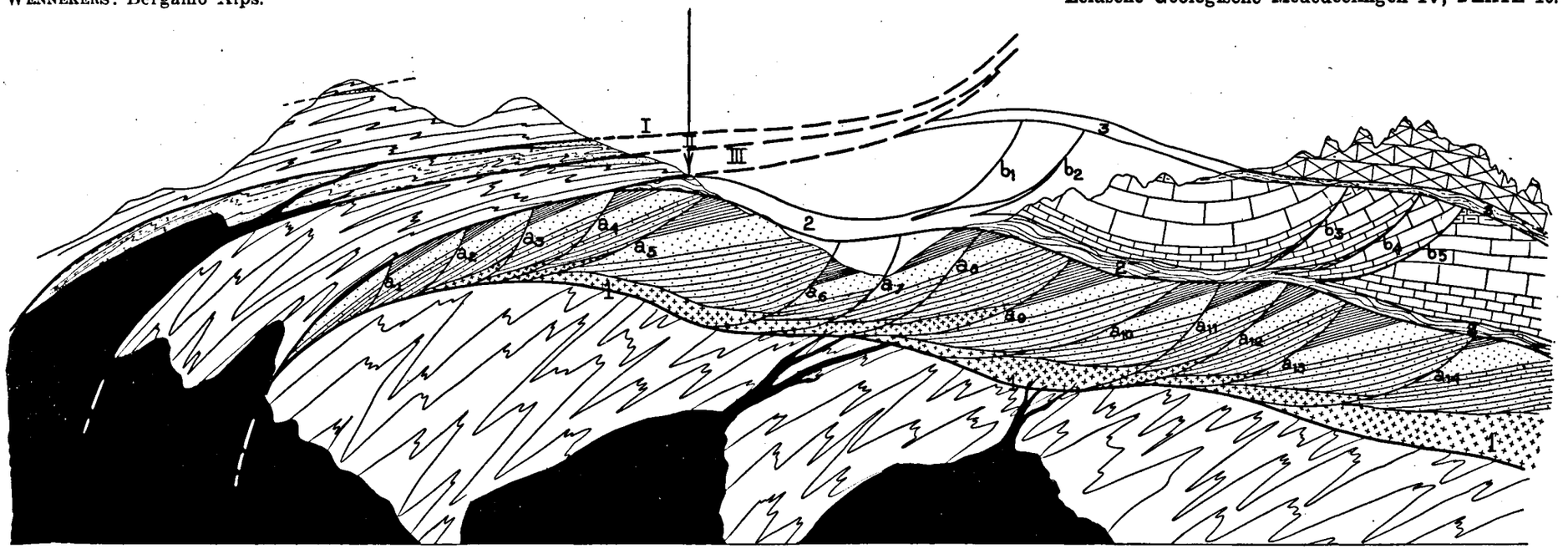
1. Thrusting plane of the Permian-Lower Triassic series of wedges, 2. of the Muschelkalk-Esino sedimentary series, 3. of the Hauptdolomit.



t T = Horizontal transverse fault of Terzena.
α_1, α_2, α_3, horizontal transverse faults, limited to the Permian-Lower Triassic series of wedges.
β_1, β_2, β_3, etc. horizontal, transverse faults or faults, comparable with these in the Muschelkalk-Esino.

Remark. The exposure of the orobic thrustplane is the Alpine-Dinaric boundary. It is clearly visible that it is often cut off. by the thrustplane of the gneiss chiari or even by the thrustplane of the Laghi di Porcile.

The Orobic line is to be found where the crystalline schists have been thrust over the sediments of the foreland in the rootzone of the upper East Alpine nappes. It is of no matter whether these schists belong to the Orobic schists, the Gneiss Chiari or the Laghi di Porcile thrusts.



Group of gneiss + intrusions | Group of phyllite mica schists + intrusions | Porphyry-series | Collio-series | Verrucano | Servino | Muschelkalk | Esino | Raibler | Hauptdolomit

Ideal section (N—S) of the Bergamo Alps.

Scale 1 : 50.000.

[For meaning of letters see Plate 9].