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Biostratigraphy of the Marine Neogene in the Salquine Area (NW Syria)

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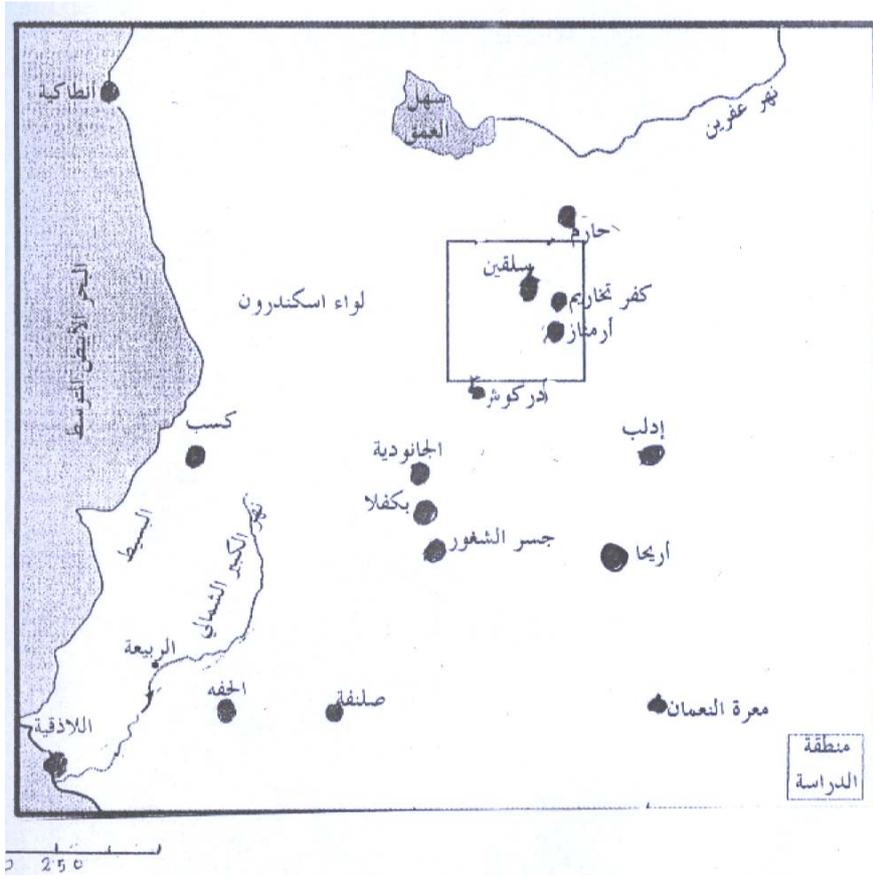
ABSTRACT

The lithologic and palaeontologic study of the marine Neogene in Salquine area (NW Of Syria) gave new data which allowed the distinguishing of a number of lithostratigraphic units and the determination of their ages. This led to precise lithostratigraphic correlations between the studied area and the neighboring areas, and finally a clear knowledge of the geological evolution of the area during the Neogene. The stratigraphic distribution of the planktonic foraminifera in the area showed a perfect agreement with what is known during the Tethys Neogene. The comparison with the neighboring areas led to the discovery of an important stratigraphic lacuna in Salquine area during salinity period of the Upper Miocene of the Mediterranean region.

Key word: Neogene, Miocene, Pliocene, Stratigraphy, Planktonic foraminifera, Mediterranean sea, Syria.

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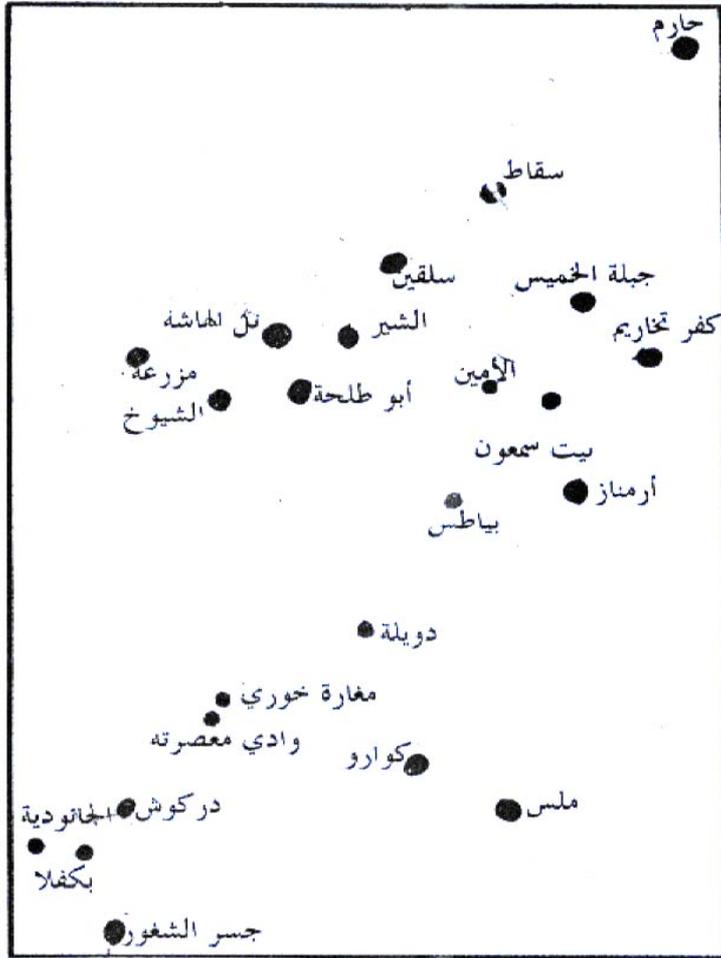
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(Payne & Robertson,1995, McCallum

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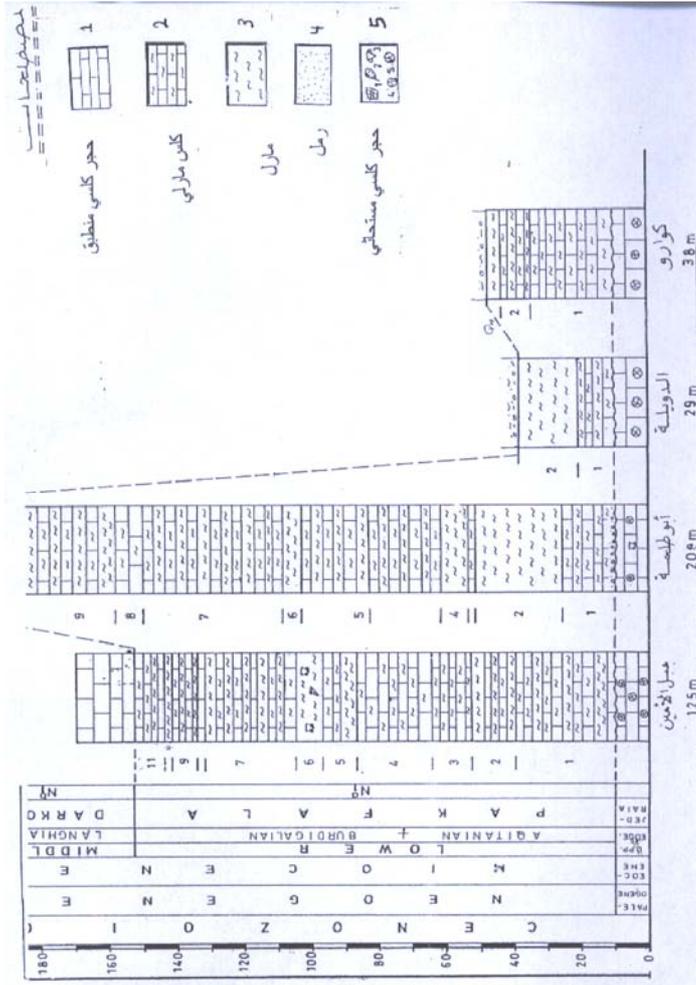
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Globigerinoides trilobus (REUSS); *Globigerinoides subquadratus* (BRONNIMANN); *Gs. primordius* (BLOW & BANNER); *Dentoglobigerina altispira* (CUSHMAN & JARVIS); *Globigerina bolli* (BOLLI); *Gg. falconensis* (BLOW); *Gg. woodi* (JENKINS); *Gg. praebulloides* (BLOW); *Globorotalia stakensis* (LEROY); *Globoquadrina venezuelana* (HEDBERG); *Gq. praedehiscens* (BLOW & BAUNER); *Gq. binaiensis* (KOCH);

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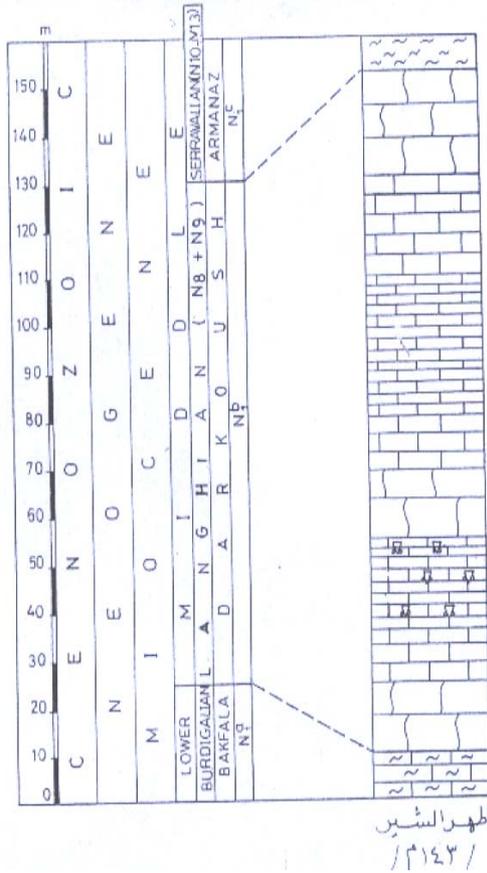
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Globorotalia peripheroronda (BLOW & BANNER); *Orbulina suturalis* (BRONNIMANN); *Praeorbulina glomerosa* (BLOW);

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Globorotalia peripheroacuta (BLOW & BANNER); *Gr. aff. fohsi* (CUSHMAN & ELLISOR); *Gr. stakensis* (LE ROY); *Globigerinella obesa* (BOLLI); *Orbulina suturalis* (BRONNIMANN); *Biorbulina bilobata* (D'ORBIGNY); *Dentoglobigerina altispira* (CUSHMAN & JARVIS); *Globoquadrina dehiscens* (CHAPMAN & PARR & COLLIN); *Gq. langhiana* (CITA GELATI); *Globigerina druryi* (AKERS); *Globigerinoides trilobus* (REUSS); *Globigerinoides subquadratus* (BRONNIMANN); *Gs. obliquus* (BOLLI); *Gs. bisphaericus* (TODD); *Praeorbulina transitoria* (BLOW);

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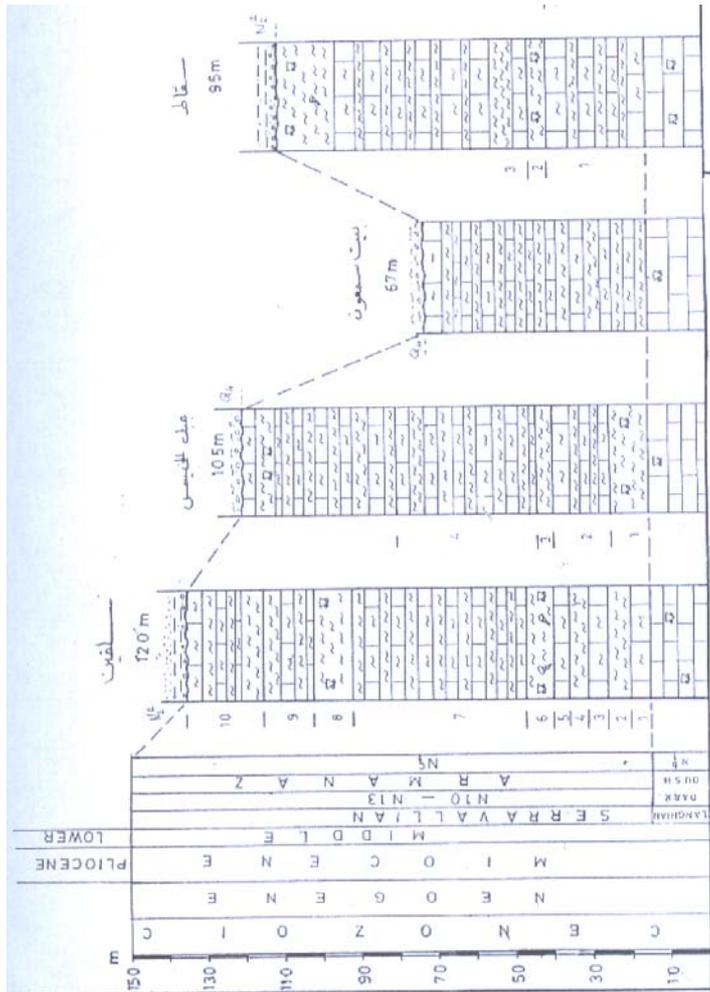
(Serravallian :)

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Globigerinoides sacculifer (BRADY); *Globigerinoides ruber* (D'ORBIGNY); *Orbulina universa* (D'ORBIGNY); *Globigerina bulloides* (D'ORBIGNY); *Globigerina aperture* (CUSHMAN)

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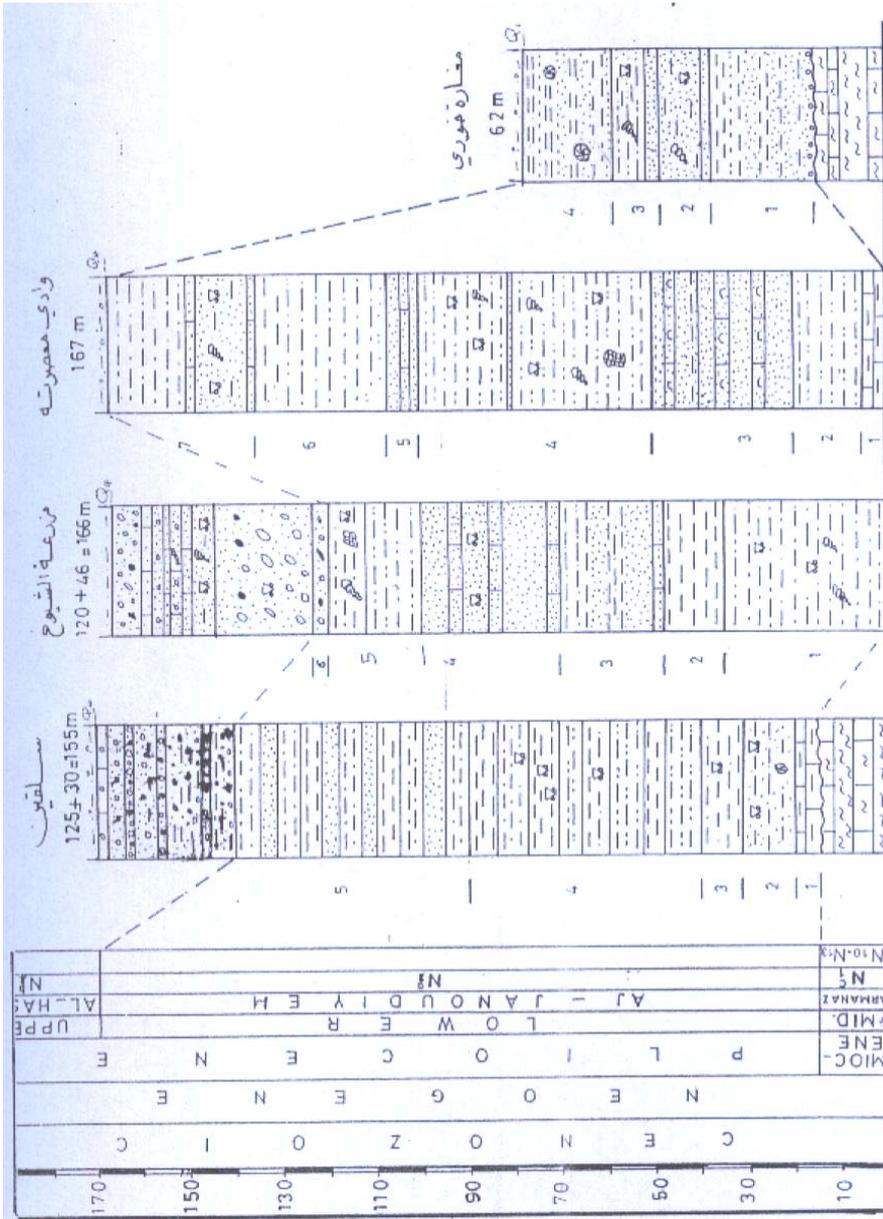
Streblus beccarii (LINNE); *Elphidium cripum* (LINNE);
Elphidium macellus (FICHTEL & MOLL); *Bulimina costata*
(D"ORBIGNY); *Cassidulina rassa* (D"ORBIGNY)--

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(Macrofossils)

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