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THE SHELL ROCK FORMATION OF

NORTH-CENTRAL IOWA
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OF
DONALD L. KOCH
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Abstract--The nature and extent of the Shell Rock Formation are discussed in terms of the lithologies present in the three members at the type sections and the bio-lithologic changes which occur beyond the type section area. by Donald L. Koch A marked decrease in thickness of Shell Rock strata is noted as beds of the formation on-lap upon the Cedar Valley surface.

Deposits of the Shell Rock Formation accumulated in a relatively small and narrow depression on the surface of the Cedar Valley. The upper beds are dominantly biostromes

A thesis submitted in partial fulfillment of the requirements for the degree of Master of Science, in the Department of Geology, in the Graduate College of The University of Iowa Limestones and dolomites of the Mason City area

previously included in the Shell Rock Formation are correlated as Cedar Valley. Correlation of surface and subsurface studies

Chairman: Professor William M. Furnish

show the Shell Rock depositional basin to be much more restricted than formerly was realized.