



CONIFORM STROMATOLITES AND THE VINDHYAN SUPERGROUP, CENTRAL INDIA: IMPLICATION FOR BASINAL CORRELATION AND AGE

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ABSTRACT

Five coniform stromatolites are described from the Semri Group. Two are from the Kajrahat Limestone viz., *Calypso* sp. and *Thyssagetes* sp., and three are from the Fawn Limestone viz., *Ephyaltes myriocranus*, *Siren* sp. and *Cyathotes phorbadicia*. The Upper Vindhyan are completely devoid of coniform stromatolites though other columnar forms are abundant. The coniform stromatolite assemblage supports an age assignment of 1800 to 1600 Ma for the Semri Group and confirms the utility of stromatolites in both intrabasinal and interbasinal correlations.

Key words: Stromatolite, Vindhyan Supergroup, Central India, Proterozoic, correlation