



A NOTE ON OCCURRENCE OF OSTRACODES FROM THE VASTAN LIGNITE MINE, GUJARAT

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ABSTRACT

Five species of ostracodes are recorded from greenish-grey, whitish clay/marl within coal/lignite seam horizon II of the Vastan lignite mine, Gujarat. The ostracodes recorded are: *Alocopocythere abstracta* Siddiqui, *Acanthocythereis vastanensis* n.sp., *Cytherella kimensis* n.sp., *Neocyprideis suratensis* n.sp. and *Phlycetenophora meridionalis* (Lyubimova and Mohan). The above ostracode assemblage suggests an early Eocene age and sediments were deposited in a marginal marine to very shallow marine environment. The ostracode taxa are systematically described and illustrated.

Key words: Ostracodes, early Eocene, Vastan Lignite, Gujarat