

PALAEOBIOGEOGRAPHIC IMPLICATIONS OF TURRITELLID GASTROPODS FROM MIOCENE OF KUTCH, GUJARAT

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*The intra-basinal correlation of turritellid species indicates size increment of *T. narica* and *T. pseudobandongensis* from older Bhadra dam to younger Chhasra section (Lower to Middle Miocene). The low Jaccardian correlation co-efficient suggests sub-basinal endemism. Among Turritellid, *T. narica* and *Z. angulatahad* inter provincial distribution, however *T. narica* was endemic to the Indian subcontinent. The high endemism of the early Palaeogene *Turritella* species of the Kutch Basin might have resulted from low dispersal potentials or due to restricted faunal mixing.*
