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## AN UPDATED INTRODUCTION TO THE SPITI GEOLOGY

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### **ABSTRACT**

The paper discusses controversies pertaining to the nomenclatures of the Ordovician Thango (Shian), Ordovician-Silurian Takche (Pin) and Triassic-Jurassic Lilang sequences. The latest classification of the Lilang, raised to supergroup level and various time boundaries within the Triassic are also described. Also listed are the latest palaeontological contributions to the Early-Middle Cambrian (Kunzam La Formation), Ashgill-Wenlock (Takche Formation), Givetian-Tournaisian (Lipak Formation) and Induan-Early Carnian (Mikin, Kaga and Chomule formations). A short review of the entire sequence together with that of the structure updates the geology of the Spiti Valley.

**Keywords:** Spiti Valley, Peri-Gondwana Tethyan Himalaya, lithostratigraphy, sedimentation, structure