Updated description of the *Dicynodontipus*- and *Chirotherium*-bearing slab from the Solling Formation, Hildburghausen Town, Germany

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A track-bearing slab (MNHN.F.AC10007) from the Solling Formation of Hessberg (Hildburghausen, Thuringia, central Germany) is housed in the Muséum national d'Histoire naturelle of Paris, France, since 1835. The Solling Formation, Olenekian-Anisian in age, pertains to the lowermost part of the Germanic Triassic and records the evolution of a fluvial palaeoenvironment characterised by braided to sinuous meandering channels. Footprints are reported from floodplain facies. Originally, the slab was about 2.21 m long and 1.56 m maximum width, while nowadays the maximum wide is 1.36 m, seeing that a portion has been lost. On the slab, four vertebrate trackways are preserved as concave epirelief and interfered with polygonal cracks, likely testifying a desiccation event. One trackway, holotype of *Dicynodontipus hildburghausensis* Rühle von Lilienstern, 1944, is composed of six manus-pes sets, plus a further set in the lost portion. The rest of the footprints are assigned to the ichnogenus Chirotherium Kaup, 1835. *Chirotherium barthii* Kaup, 1835, is represented by a trackway composed of six manus-pes sets preserving skin impressions, while a trackway of two manus-pes sets and a footprint, with a fourth set in the lost area, is referred to as Chirotherium sickleri Kaup, 1835. Finally, a trackway composed of three manus-pes sets, not identified in previous studies, shares some features with *Chirotherium*, although ichnotaxonomical assignment is to date prevented. Further up-todate studies are currently underway, including 3D photogrammetric models, to provide a thorough re-discussion of the trackways, as well as their ichnotaxonomical and palaeobiological significance.

