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Abstracts



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**A new site with articulated fishes remains
(Actinopterygii: Holostei)
from the Late Triassic of Thailand**

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In Thailand, several Late Jurassic to Early Cretaceous localities yielded abundant fish remains, but these are very rare in Triassic outcrops. Only few isolated ganoid scales and tooth plates of lungfish from the Late Triassic Huai Hin Lat Formation have been recorded so far. Here, we describe the first discovery of articulated and nearly complete fish from an outcrop located near the Chulabhorn Dam in Chaiyaphum Province, Northeastern Thailand. Seven specimens have been collected from a site named Huai Pha Pheng, situated at Thung Lui Lai sub-district of Chaiyaphum Province. Most of the fishes show similar patterns of ossifications, except one. The latter differs by the dorsal part of its trunk, which is devoided of scales and reminiscent of the dorsal fin ray of macrosemiids. All other individuals are small to moderate in size, fish with thin and smooth ganoid scales. Ossifications of the head lack ornamentation except some ganoin patch on the bones of the pectoral girdle. The squamation shows articulated ganoid scales with peg and socket articulations. The scales show squarish shape on the trunk and are more elongate in the posterior part of the body. An unusual shape and a larger size than the adjacent scales characterize the anal scale. The dorsal ridge presents scales with an acute posterior end, but the total number is unknown because of broken areas. Fins are present but not complete. According to their main characteristics, these specimens can be referred to ginglymodians, whose affinities remained to be precised.

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