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Anuran (frog) trackways from the Cretaceous of Korea

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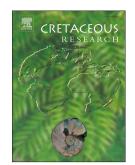
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## ACCEPTED MANUSCRIPT

1	Anuran (frog) trackways from the Cretaceous of Korea
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13	Abstract: Newly discovered frog tracks from the Cretaceous of Saok Island, South Korea, represent the first report of anuran (frog)
14	tracks from the Phanerozoic of Asia and, only the second global report of Mesozoic anuran tracks. This is also the first global report of
15	frog track assemblages with multiple trackways from multiple stratigraphic levels. The tracks occur in fine-grained lacustrine
16	sediments and are generally well-preserved, showing a pentadactyl pes and a tetradacyl manus typical of modern anurans. The
17	trackways indicate hopping locomotion, also typical of modern anurans, indicating that frog foot morphology and behavior have not
18	changed significantly since the Late Cretaceous. The trackways reveal that some trackmakers possessed the ability to leap 6-7 times
19	body (trunk) length. The material allows for the emendation of the diagnosis of the ichnogenus Ranipes and erection of the new
20	ichnospecies Ranipes saokensis ichnosp. nov Associated tracks and traces of arthropods (cf. Diplichnites) and shorebirds are
21	characteristic typical lacustrine margin paleoecology and the shorebird ichnofacies.

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