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First report of gastroliths in the Early Cretaceous basal bird Jeholornis

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## ACCEPTED MANUSCRIPT

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16	
17	Abstract
18	Seeds preserved in association with the holotype of Jeholornis prima provided the
19	first direct evidence of granivory in any Mesozoic bird. Although this long boney-tailed
20	bird also displays several morphological indicators correlated with herbivory such as
21	reduced dentition and a deep mandible, Jeholornis has not been previously reported to
22	possess a gastric mill. However, this feature is commonly linked to herbivory in theropod
23	dinosaurs and present in at least one sympatric ornithuromorph and the basal pygostylian

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