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Barremian ammonite fauna of the lower Ishido Formation,
eastern part of the Sanchu Cretaceous, Japan

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Abstract

A rich Barremian ammonite fauna was discovered in the lower Ishido Formation in the eastern part of the Sanchu Cretaceous, Japan. Seven ammonite species including one new species identified as *Phyllopachyceras sanchuense*, are recognized in the fauna. Based on paleobiogeographical distribution of these ammonites, the lower Ishido Formation was influenced by cold water-currents, whereas the upper Ishido Formation was influenced by warm currents.

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