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Hettangian and Sinemurian Ammonoid Zonation of the Western Cordillera of North America

Eighteen Zones and seven ammonite Subzones are recognized for the Hettangian and Sinemurian stages in the Western Cordillera (North America). All except the Canadedsis Zone are described as new. The sequence is based primarily on sections from the Graylock Formation in Oregon and the Sunrise Formation in Nevada, while relevant sections from Mexico and British Columbia are referred to the succession. The Spelae Zone through the Rursicostatium Subzone are allocated to the Hettanian Stage, while the Columbiae Subzone through the Harbledownense Zone are referred to the Sinemurain stage. One new genus (*Bartoliniceras* gen. n.) and seven new species are defined herein.

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