

[GUEX Jean](#), BARTOLINI Annachiara and TAYLOR David

Discovery of Neophyllites (Ammonitina, Cephalopoda, Early Hettangian) in the New York Canyon sections (Gabbs Valley Range, Nevada) and discussion of the $\delta^{13}C$ negative anomalies located around the Triassic-Jurassic boundary

Several morphotypes of Neophyllites from the Odoghertyceras/Choristoceras minutus beds of the New York Canyon (Gabbs Valley Range, Nevada) are described for the first time. The presence of these forms in North America allows a much better correlation of this stratigraphic interval with the coeval beds in North-West Europe. In addition, we discuss the age of the negative C anomalies located around the Triassic-Jurassic boundary in England, Hungary and Canada. We demonstrate that the first two are located in Rhaetian sediments and the latter is located above the Triassic-Jurassic boundary.

Also published in Bull. Soc. vaud. Sc. nat. 88.2 : 247-255, 2002