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Oneota Conodonts

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Olenus or Dicerellocephalus zone, his middle Cambric, and Lapworth's Ordovician his Upper Cambric. Compromise with overlapping Siluric of Murchison removes from the Sedgwick Cambric his Upper Cambric, leaving his Middle Cambric the Upper, or Late Cambric of our day, and his Lower Cambric our Middle Cambric, while we add a new Early Cambric.

Either one of two courses seems open to us in Iowa (1) Recognition of a three-fold division, the present Late Cambric and Mid Cambric as they are, and imply beneath a hypothetical Early Cambric, represented in Iowa by a great stratal hiatus, with expectation that an equivalent sedimental column will be, sooner or later, found somewhere in nearby territory; or (2) assumption that the entire Cambric is two-fold in character, as is now Sedgwick's original section, calling the present Mid Cambric Early Cambric. In either case Walcott's "Lower" Cambric is definitely Taconic and pre-Paleozoic.

DES MOINES, IOWA.

CURRENT EARLY PALEOZOIC CLASSIFICATION IN IOWA

A. C. TROWBRIDGE

Presentation and discussion of a classification of Cambrian, Ordovician, and Silurian strata recently adopted by the Iowa Geological Survey for use in this state.

STATE UNIVERSITY OF IOWA,
IOWA CITY, IOWA.

ONEOTA CONODONTS

W. M. FURNISH

Recently discovered Conodonts in the Oneota formation of Iowa are illustrated and their stratigraphic significance is discussed.

STATE UNIVERSITY OF IOWA,
IOWA CITY, IOWA.