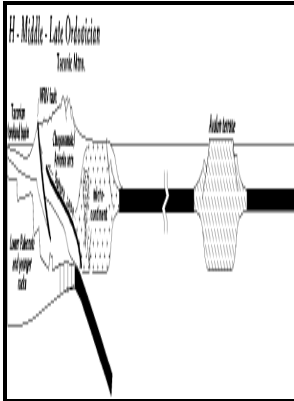


Taconide zone and the Taconic orogeny in the western part of the northern Appalachian orogen.

Geological Society of America - North america



Description: -

- Orogeny -- Appalachian Mountains.
Geology, Stratigraphic -- Paleozoic. Taconide zone and the Taconic orogeny in the western part of the northern Appalachian orogen.

- An Evergreen black cat book, BC-117.

His Works

135.

Special papers (Geological Society of America) ; Taconide zone and the Taconic orogeny in the western part of the northern Appalachian orogen.

Notes: Bibliography: p. 53-65.

This edition was published in 1972



Filesize: 30.110 MB

Tags: #Geology #of #the #Appalachian #Mountains

Maine Geological Survey: Bedrock Geologic History of Maine

For that reason, and for the purpose of discussion, we will consider all deposition and deformation that followed the Laramide orogeny to be post-orogenic.

Peripheral bulge—a causal mechanism for the Lower/Middle Ordovician unconformity along the western margin of the Northern Appalachians

Thrusting in this section was low angle, but would have the potential to increase and rotate as it continued and evolved. These deposits signify rifting that may have accompanied the opening of an to the northwest.

Geometry and Style of Post

Throughout the orogen, these sequences of high pressure metamorphic rocks are cut by intrusive AMCG suite plutons, generally interpreted as syn- or post-tectonic.

Appalachians in the Time Interval between the Grenville Orogeny and Variscan Collision

Thrust faulting and folding crumpled the sedimentary rocks to the east the Sevier orogeny. Avalonia is mainly situated along the seaboard of the Atlantic margin of northeastern North America Figs. The size and thickness of Catskill molasse 6 suggests that the now vanished Acadian Mountains were larger than the previously vanished Taconic Mountains.

Tectonics of the Acadian Orogeny in New England and Adjacent Canada on JSTOR

Major movement on these faults occurred after initial obduction of the Allochthon onto the Early Paleozoic North American continental shelf and prior to being unconformably overlapped by the Early Devonian.

Geology of the Appalachian Mountains

Farther eastward in the cross-section, below Taconic flysch 3 , we find limestone, dolostone, and sandstone that form the original Cambrian-Early Ordovician miogeocline 2, c. Such an age contrast supports the hypothesis that the Chain Lakes rocks are the ancient crust of a microplate within Iapetus which was joined to North America at a later time.

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