



STRATIGRAPHY AND PALEONTOLOGY OF PALEOZOIC ROCKS, HARTVILLE AREA, EASTERN WYOMING

**INTRODUCTION**

This chart in the stratigraphic and paleontological study of the Hartville area in eastern Wyoming, is the second of a series of charts prepared by the Geological Survey of Wyoming and the Department of Geology, University of Wyoming, in cooperation with the Geological Survey of the United States Department of the Interior. The first chart, published in 1935, dealt with the Permian and Carboniferous rocks of the Hartville area. This chart deals with the Pennsylvanian, Mississippian, and Devonian rocks of the same area. The stratigraphic columns are based on the work of the Geological Survey of Wyoming and the Department of Geology, University of Wyoming, and are in general agreement with the work of the Geological Survey of the United States Department of the Interior. The paleontological data are based on the work of the Geological Survey of Wyoming and the Department of Geology, University of Wyoming, and are in general agreement with the work of the Geological Survey of the United States Department of the Interior.

**PERMIAN**

The Permian rocks of the Hartville area are represented by the Permian (P) and Permian (P) age groups. The Permian (P) age group includes the Permian (P) and Permian (P) stages. The Permian (P) age group includes the Permian (P) and Permian (P) stages. The Permian (P) age group includes the Permian (P) and Permian (P) stages.

**CARBONIFEROUS**

The Carboniferous rocks of the Hartville area are represented by the Carboniferous (C) and Carboniferous (C) age groups. The Carboniferous (C) age group includes the Carboniferous (C) and Carboniferous (C) stages. The Carboniferous (C) age group includes the Carboniferous (C) and Carboniferous (C) stages.

**PENNSYLVANIAN**

The Pennsylvanian rocks of the Hartville area are represented by the Pennsylvanian (P) and Pennsylvanian (P) age groups. The Pennsylvanian (P) age group includes the Pennsylvanian (P) and Pennsylvanian (P) stages. The Pennsylvanian (P) age group includes the Pennsylvanian (P) and Pennsylvanian (P) stages.

**MISSISSIPPIAN**

The Mississippian rocks of the Hartville area are represented by the Mississippian (M) and Mississippian (M) age groups. The Mississippian (M) age group includes the Mississippian (M) and Mississippian (M) stages. The Mississippian (M) age group includes the Mississippian (M) and Mississippian (M) stages.

**PRE-CAMBRIAN**

The Pre-Cambrian rocks of the Hartville area are represented by the Pre-Cambrian (C) and Pre-Cambrian (C) age groups. The Pre-Cambrian (C) age group includes the Pre-Cambrian (C) and Pre-Cambrian (C) stages. The Pre-Cambrian (C) age group includes the Pre-Cambrian (C) and Pre-Cambrian (C) stages.

**EXPLANATION**

**LITHOLOGICAL SYMBOLS**

Brace  
Anthracite and gypsum  
Sandy dolomite  
Dolomite  
Sandy limestone  
Shaly limestone  
Dolomitic limestone  
Thin-bedded limestone  
Massively bedded limestone  
Siltstone  
Silty shale

Shale  
Calcareous sandstone  
Cross-bedded sandstone  
Bedded sandstone  
Quartzite  
Conglomerate  
Igneous and metamorphic rocks  
Chert bedded or concretionary

**COLOR SYMBOLS**

Light to dark gray  
Pink and lavender  
Dark brown and red

**VERTICAL SCALE**

40 FEET  
0  
40  
80  
120  
160  
200

**FLATTOP BUTTE**

**RAWHIDE BUTTE**

**DEVIAN AND CARBONIFEROUS ROCKS**

**CARBONIFEROUS ROCKS**

**MISSISSIPPIAN ROCKS**

**PENNSYLVANIAN ROCKS**

**PERMIAN ROCKS**

**PRE-CAMBRIAN ROCKS**

**STRATIGRAPHY AND PALEONTOLOGY OF PALEOZOIC ROCKS, HARTVILLE AREA, EASTERN WYOMING**

**DEVIAN AND CARBONIFEROUS ROCKS**

**CARBONIFEROUS ROCKS**

**MISSISSIPPIAN ROCKS**

**PENNSYLVANIAN ROCKS**

**PERMIAN ROCKS**

**PRE-CAMBRIAN ROCKS**

**STRATIGRAPHY AND PALEONTOLOGY OF PALEOZOIC ROCKS, HARTVILLE AREA, EASTERN WYOMING**

**DEVIAN AND CARBONIFEROUS ROCKS**

**CARBONIFEROUS ROCKS**

**MISSISSIPPIAN ROCKS**

**PENNSYLVANIAN ROCKS**

**PERMIAN ROCKS**

**PRE-CAMBRIAN ROCKS**