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SOUTH DAKOTA  
GEOLOGICAL and NATURAL HISTORY SURVEY  
Freeman Ward, State Geologist.  
Vermillion, S. Dak.

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BIBLIOGRAPHY OF SOUTH DAKOTA GEOLOGY  
SELECTED PREFERENCES.  
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EXPLANATORY NOTE.

There is a very extensive literature dealing with the geology of this state. Some of the articles are discussions of inter-state or national geological problems with but brief reference to S. Dak. Others are out of date and are superceded by later publications. Many are only of historic interest or are non-scientific reports of travellers.

A very excellent bibliography (over 1100 titles listed) of the Black Hills and the surrounding region has been published as Bulletin No. 11 of the State School of Mines, Rapid City, S. Dak.

The list here appended is not meant in any way to be complete. The selection has been made with the intent to provide access to the essential geological facts of the state. Those who wish a more extended set of references covering any particular part of the state or any special phase of the state's geology are asked to present their case to the State Geologist who will be glad to furnish any information at his command.

PUBLICATIONS OF THE STATE GEOL. AND NAT. HIST. SURVEY.  
Bulletins.

1. - J. E. Todd, -- A Preliminary Report on the Geol. of S. Dak. 1894.
3. - Todd - O'Harra, -- Mineral Resources of S. Dak. 1900.
4. - J. E. Todd, -- Preliminary Report on the Geol. of the N. W. Central Portion of S. Dak. 1908.
8. - S. S. Visher, -- The Geography of S. Dak. 1918.

Circulars

1. - F. Ward, -- Oil in S. Dak. 1917.
4. - F. Ward, -- Possibilities of Oil and Gas in Harding Co. 1918.

PUBLICATIONS OF THE STATE SCHOOL OF MINES, RAPID CITY  
Bulletins

2. - C. C. O'Harra, -- Notes on the Geol. and Mineral Deposits of a Portion of the Southern Black Hills. 1899.
6. - C. C. O'Harra, -- Mineral Wealth of the Black Hills. 1908.
8. - C. C. O'Harra, -- Cement Resources of the Black Hills. 1908.
9. - C. C. O'Harra, -- Badland Formations of the Black Hills Region. 1910.
10. - V. Ziegler, -- Minerals of the Black Hills. 1914.

PUBLICATIONS OF THE U.S. GEOLOGICAL SURVEY.  
ANNUAL REPORTS

- 17, II, 603-694 - N. H. Darton, -- Artesian Waters of a Portion of the Dakotas. 1896.  
18, IV, 561-616 - N. H. Darton, -- New Developments in Well Boring and Irrigation  
in Eastern S. Dak. 1897.  
19, II, 521-946 - L. F. Ward, -- Cretaceous Formations of the Black Hills as indicated  
by the Fossil Plants. 1898.  
21, III, 163-303 - T. A. Jaggar, -- Laccoliths of the Black Hills. 1900.  
IV, 489-599 - N. H. Darton, -- Geol. and Water Resouces of the Southern Black Hills.  
1900.

Professional Papers

26. - J. D. Irving, -- Economic Resources of the Northern Black Hills. 1904.  
32. - N. H. Darton, -- Geol. & Water Resource of the Central Great Plains. 1905.  
65. - N. H. Darton, -- Geol. & Water Resource of the Northern Black Hills. 1909.

Bulletins.

86. - C. R. Van Hise, -- Correlation Papers, - Srchean & Algonkian. 119-155, 186-7, 357-61  
270, 503. 1892.  
144. - J. E. Todd, -- Moraines of the Missouri Coteau & their attendant deposite. 1896.  
157. - C. W. Hall, -- Gneisses, Gabbro Sohists & Associated Rocks of S. W. Minn. 38-41.  
1899.  
158. - J. E. Todd, -- Moraines of S.E. South Dakota & their attendant deposits. 1899.  
361. - H. F. Osborn, -- Cenozoic Mammal Horizons of Western N. America. 1909.  
575. - Calvert-Beakley-Barnett-Pishel, -- Geol. of the Standing Rock and Cheyenne River  
Indian Reservations. 1914.  
627. - Winchester-Hares-Lloyd-Parks, -- The Lignitr Field of N.W. So. Dak. 1916.  
691. - N.H. Darton, -- The Structure of Parts of the Central Great Plains. 1918.

Folios.

85. - N. H. Darton. -- Oelrichs 1902.  
96. - J. E. Todd, -- Olivet. 1903.  
97. - J. E. Todd, -- Parker 1903.  
99. - Todd-Hall, Mitchell. 1903.  
100. - Todd-Hall, -- Alexandria 1903.  
107. - N. H. Darton, -- Newcastle 1904.  
108. - N.H. Darton, W. S. T. Smith, -- Edgemont. 1904.  
113. - J. E. Todd, -- Huron. 1904  
114. - J. E. Todd, C. M. Hall, -- DeSmet. 1904.  
127. - N. H. Darton, -- Sundance. 1905.  
128. - N. H. Darton, -- C. C. O'Harra, -- Aladdin. 1905.  
156. - J. E. Todd, -- Elk Point. 1908.  
164. - N. H. Darton, -- C. C. O'Harra, -- Belle Fourche. 1909.  
165. - J. E. Todd, -- Aberdeen-Redfield. 1909.

Miscellaneous Publications.

- Ludlow-Wincell, -- U. S. Army; Eng. Dept. Report of Reconnaissance of the Black Hills. 1875.
- H. Newton & W. P. Jenney. -- Report on the Geol. & Resources of the Black Hills of S. Dak. U.S. Geog. & Geol. Survey of the Rocky Mt. Region. 1880.
- C. R. Van Hise, -- The Pre-Cambrian Rocks of the Black Hills. Bull. Geol. Soc. Amer., I, 1890, 203-244.
- S.W. Beyer, -- The Sioux Quartzite & certain Associated Rocks. Ia. Geol. Surv., VI, 1896.
- J. E. Todd, -- The Hydrographic History of S. Dak. Bull. Geol. Soc. Amer., XIII, 27-40, 1902.
- J. E. Todd -- Sketch of S. Dak. Geol. - Am. Min. Cong. Proc. 6th Ann. Sess. Deadwood & Lead, 51-57, 1903.
- J. E. Todd --Pleistocene History of the Missouri River So, XXXIX, Feb. 20, 1914. 263-74.

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