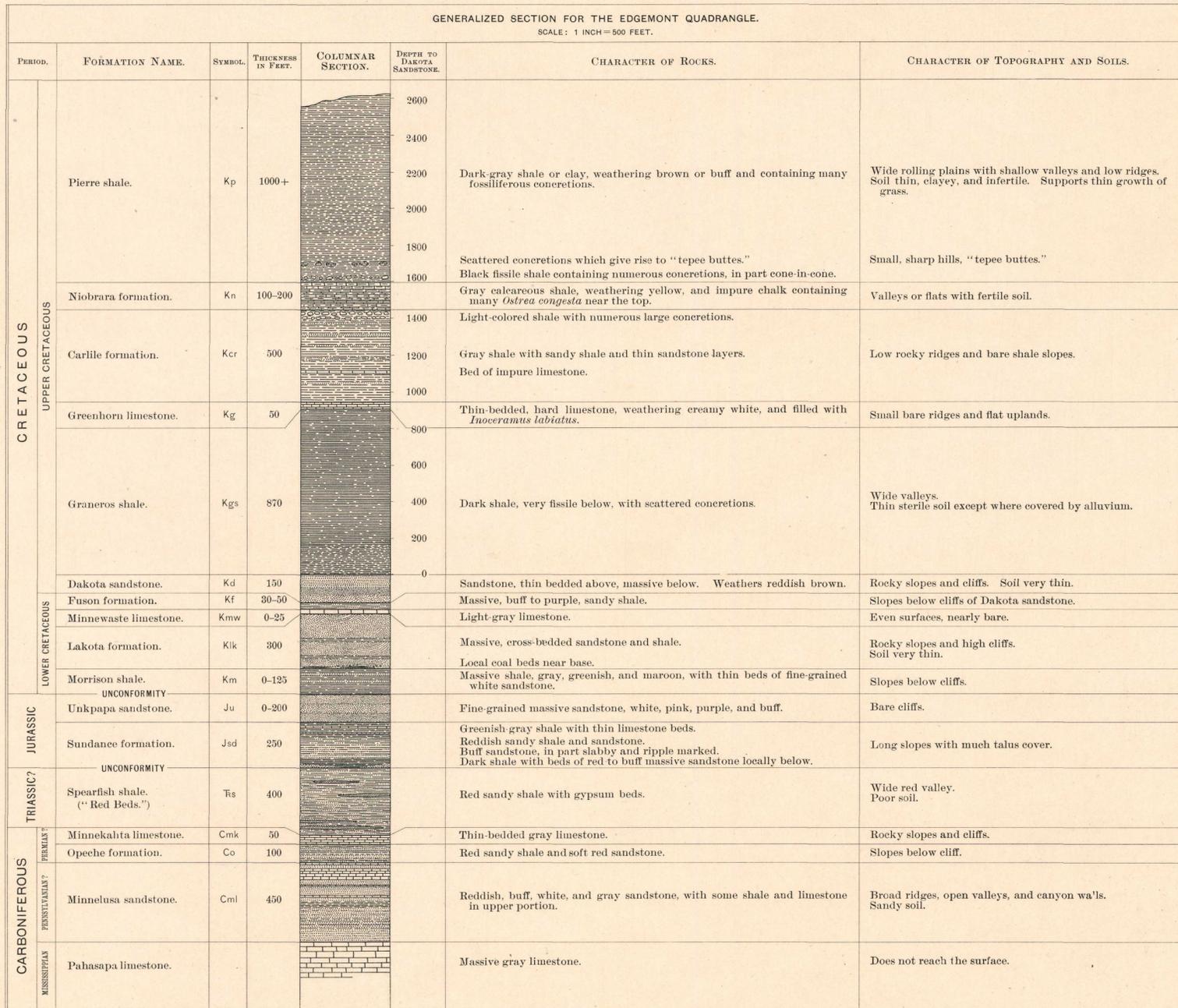


COLUMNAR SECTION



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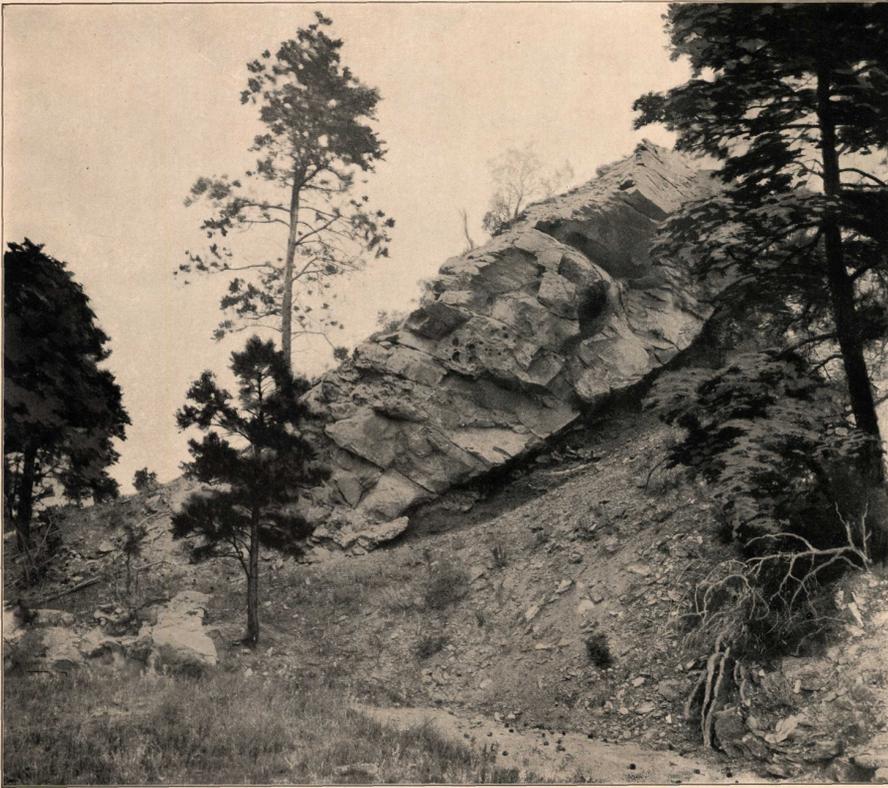


FIG. 6.—SANDSTONE DIKE IN GRANEROS SHALE.
Two and one-half miles northeast of Maitland, S. Dak.



FIG. 7.—FOSSIL TREE TRUNK FROM LAKOTA SANDSTONE.
Three miles southwest of Minnekahta, S. Dak., looking east toward Parker Knob.

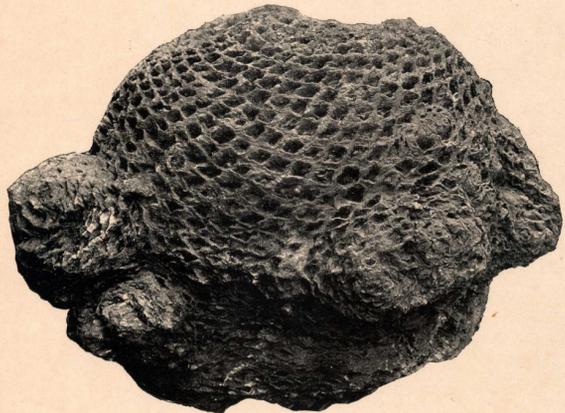


FIG. 8.—CYCAD TRUNK FROM THE LAKOTA FORMATION.
Cycadeoidea pulcherrima, from Cycad Flat, southwest of Minnekahta, S. Dak.



FIG. 9.—SERRATED RIDGE DUE TO STEEP-DIPPING GREENHORN LIMESTONE.
Southeast of Maitland, S. Dak., looking east.



FIG. 10.—GRINDSTONE QUARRY IN UPPER BEDS OF DAKOTA FORMATION.
North of Edgemont, S. Dak.



FIG. 11.—CHARACTERISTIC FOSSILS OF NIOBRARA FORMATION (A) AND GREENHORN LIMESTONE (B), IMPORTANT GUIDES IN WELL BORING.
A, *Ostrea congesta*; B, *Inoceramus labiatus*.



FIG. 12.—GREENHORN LIMESTONE ON GRANEROS SHALE.
South of Edgemont, S. Dak. Shows characteristic alternation of limestone and shale in the Greenhorn and abrupt change of sediments at top of the Graneros.