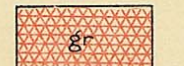
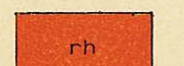


LEGEND

IGNEOUS ROCKS



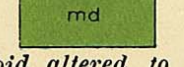
Biotite granite, light or dark gray, massive or porphyritic, including some associated bodies of diorite, syenite, etc. Mainly of Carboniferous age, but with some Devonian granite in southeastern Maine and some of pre-Cambrian age in southwestern Maine.



Red, gray, and black rhyolite, with some trachyte and andesite in northeastern Maine. Of Devonian age.



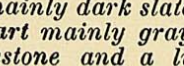
Rhyolite breccia, tuff, and slate. Of Devonian age.



Diabase and amygdaloid altered to epidote-chlorite schist ("greenstone"). Mainly of Silurian age, but some of Devonian age.

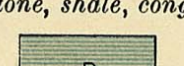
SEDIMENTARY ROCKS

Pennsylvanian.



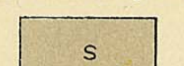
Upper part mainly dark slate and phyllite; lower part mainly gray quartzite; beds of limestone and a little altered diabase in the middle part of the series.

Mississippian.



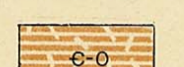
Red sandstone, shale, conglomerate.

Devonian (lower and middle).



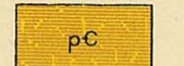
Gray slate, shale, brown sandstone, white quartzite, conglomerate of volcanic rocks.

Silurian (middle and upper).



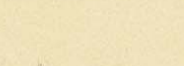
Black, gray, and red slates, thin gray sandstone and quartzite layers, massive argillite; limestone beds in upper part.

Ordovician and Cambrian.



Gray quartzite and grit, gray argillite, with interbedded black and gray slates.

Pre-Cambrian.



Banded mica gneisses and schists, cut by much pegmatite. Includes some schistose granites.

**PRELIMINARY GEOLOGIC MAP
 OF
 MAINE
 1933**

BY
ARTHUR KEITH
 ASSISTANT STATE GEOLOGIST OF MAINE, 1932,
 AND GEOLOGIST, U. S. GEOLOGICAL SURVEY.

Information on south-central Maine furnished in 1931 and 1932 by Edward H. Perkins, Assistant State Geologist. Assistance rendered in 1931 by Louis N. Charron in northern and northwestern Maine. Material gathered (1925-1931) by Arthur Keith for U. S. Geological Survey map of United States, scale 1 to 2 1/2 millions, has been supplied by that Survey. Material published by the U. S. Geological Survey, mainly in the Eastport, Penobscot Bay, and Portland regions, and secured chiefly by George Otis Smith, Edson S. Bastin, and Frank J. Katz, has been incorporated in this map.

Scale 1:100,000
 0 10 20 40 Miles