

FIG. 1.—A LEDGE OF AMPHIBOLE-SCHIST 1 MILE NORTHEAST OF WINSTON BRIDGE, NEAR THE ROAD TO ROSEBURG.
The hills beyond are of chert, schist, and metagabbro



FIG. 2.—A MASS OF UMPQUA SHALE ENCLOSED IN DIABASE ALONG THE RAILROAD A SHORT DISTANCE NORTH OF ROSEBURG.

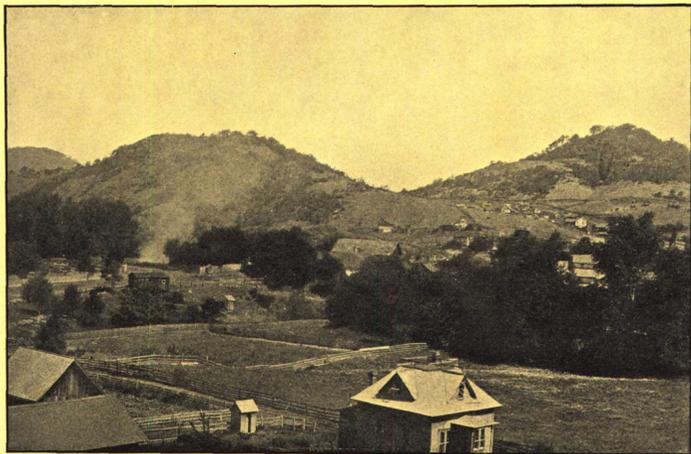


FIG. 3.—ROUNDED HILLS OF DIABASE NORTH OF ROSEBURG.

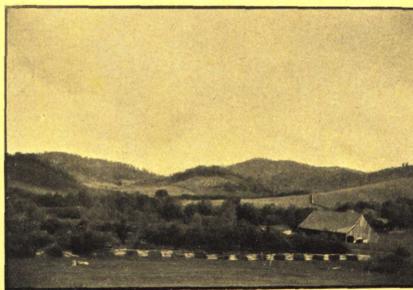
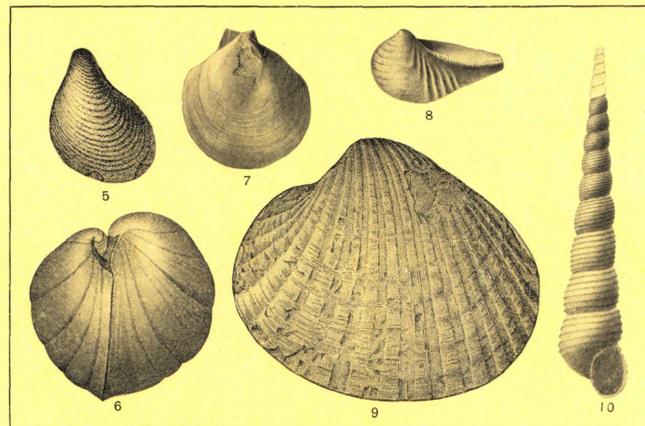


FIG. 4.—HILLS OF EOCENE SANDSTONE ON THE NORTH FORK OF DEER CREEK, 8 MILES EAST OF ROSEBURG.



CHARACTERISTIC CRETACEOUS AND EOCENE FOSSILS.

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| <p>CRETACEOUS.
Fig. 5.—<i>Aucella piochii</i>.
Fig. 6.—<i>Aucella crassicollis</i>.
Fig. 7.—<i>Pecten operculiformis</i>.
Fig. 8.—<i>Trigonia æquicostata</i>.</p> | <p>EOCENE.
Fig. 9.—<i>Cardita planicosta</i>.
Fig. 10.—<i>Turritella uvasana</i>.</p> |
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FIG. 11.—THE EVEN CREST OF THE COAST RANGE AS SEEN FROM ROSEBURG.
Near the right in the middle distance is a rounded hill of diabase, and just beyond it is a ridge of Eocene sandstone. At the left is the edge of a prominent hill of diabase.

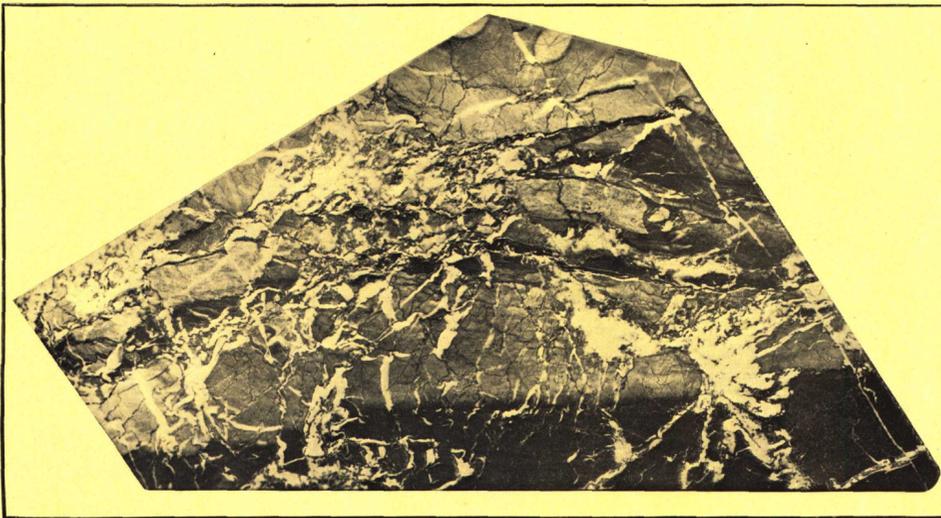


FIG. 12.—MARBLE FROM THE SOUTH FORK OF DEER CREEK.
The veins are white. The darker shades are red grading into greenish gray.