

PACIFIC SECTION FIFTEENTH ANNUAL MEETING
LOS ANGELES, NOVEMBER 3-4, 1938. ABSTRACTS

ROY M. BARNES
Los Angeles, California

The fifteenth annual meeting of the Pacific Section of the Association was held at the Biltmore Hotel, Los Angeles, November 3 and 4. Max L. Krueger was chairman of the program committee and H. D. Hobson was chairman of the arrangements committee.

On Thursday evening the Section had dinner at the Clark Hotel and met with the Pacific Section of the Society of Economic Paleontologists and Mineralogists, when Stanley G. Wissler presented a paper, "Notes on the Stratigraphy of Some Los Angeles Basin Oil Fields." The new officers of the S.E.P.M. Section are Wilbur D. Rankin, chairman, and Miss Lois T. Martin, secretary-treasurer, succeeding R. B. Hutcheson, chairman, and Louis J. Simon, secretary-treasurer.

On Friday night the annual dinner dance was held at the Biltmore Hotel Rendezvous. The Association Section elected Roy M. Barnes, of the Continental Oil Company, as president for the new year, and H. D. Hobson, of the Continental, as secretary-treasurer. The outgoing officers are W. S. W. Kew, president, and E. W. Galliher, secretary-treasurer.

The technical program follows.

1. OLAF P. JENKINS, State Division of Mines, San Francisco: *Progress of the Geologic Branch of the State Division of Mines* (abstract).

Two Bulletins, No. 115, "Bibliography, 1931-36," and No. 113, "Minerals of California," several important articles in the quarterly *Journal*, and a large colored geologic map of California—all of which should be of interest to petroleum geologists—have recently been published by the California State Division of Mines through the efforts of its Geologic Branch. In addition to assembling material for the preparation of various state mineral maps and the editing of several geologic contributions submitted for publication, the Geologic Branch has made steady progress in compiling data for the new Bulletin, "Geologic Formations and Economic Development of the California Oil and Gas Fields," as well as in editing articles prepared and contributed especially for the book by various generous authorities. A state map to accompany this Bulletin, a cross-indexed bibliography, and a glossary of names of drilled areas, are nearly complete and ready for inspection. The enterprise has met with wholehearted support. At least one-third of the papers promised have now been prepared.

2. DONALD C. BARTON, geologist, Humble Oil and Refining Company, Houston: *Correlations of Crude Oils* (abstract).

Useful but not perfect information in regard to the genetic relations and the lack of genetic relationship between crude oils is given by the graph of the deviation-from-normal of the interval between the A.P.I. gravity of the successive cuts of a Hempel analysis. The graph tends to be useably invariant among different samples from a common reservoir and to be useably invariant in the face of drastic oxidation and in the face of drastic weathering. Within certain limitations, crude oils which are of a common stratigraphic age and which occur in the same petroleum province may have recognizably similar