UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

A Bibliography of the Santa Maria Province and Vicinity, South Central Coastal California

By Janice Heilbrunn-Tomson

Open-File Report

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This report is preliminary and has not been reviewed for conformity with U.S. Geological editorial standards and stratigraphic nomenclature.

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INTRODUCTION

This bibliography is comprised of geologic literature published prior to September 1987, on the Santa Maria Province. The Santa Maria Province has been studied extensively since the late nineteenth and early twentieth century. (Arnold and Anderson, 1907a, 1907b; Eldridge, 1903; Fairbanks, 1894, 1896). This report is a preliminary version of a comprehensive literature compilation on the Santa Maria Province. Periodic updates are planned as additional references are uncovered.

The Santa Maria Province is an area rich in mineral and petroleum resources, in the coastal region of California (Fig.1). The province is bounded on the north by the Santa Lucia Range, on the east by the San Rafael Mountains, on the south by the Santa Ynez Mountains, and on the west by the Pacific Ocean (Crawford, 1971). Literature covering offshore areas and areas adjacent to the Santa Maria Province area are included if the reference is relevant to the geologic, paleontologic, and economic development of the Santa Maria Province.

Each bibliographic reference is listed alphabetically under the last name of the principal author. Abstracts, as well as theses, are included in this alphabetical listing. Following the standard reference citation is found a subject category cross-reference in italicized print. Broad subject categories are listed first and followed by a semicolon; next, subcategories are listed and followed by a comma. The Subject Categories and Subject Index follow a similar format as the Bibliography of North American Geology. Fourteen broad subject categories have been identified: Areal geology, Economic geology, Engineering geology, Geochemistry, Geochronology, Geomorphology, Hydrogeology, Marine geology, Paleoecology, Paleontology, Palynology, Petrology, Stratigraphy, and Structural geology, and further divided into subcategories. Each reference has been indexed by author and publication date under one or more subcategories.

This bibliography of the Santa Maria Province and Vicinity is also available on the PMG VAX computer of the US Geological Survey using the UNIX bibliography program commands.
Figure 1. Index map of the Santa Maria Province and vicinity
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