

SYSTEM	SERIES	Kew, 1924 Eastern Ventura County and north margin of Santa Monica Mountains	Hoots, 1931 Santa Monica Mountains east of Topanga Canyon	Soper, 1938 (Between Malibu and Topanga Canyons)	Durrell, 1954, 1956	This report		Provincial stage ¹⁴																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
						South of Malibu Coast fault	North of Malibu Coast fault	Mega- invertebrate	Foraminiferal																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
TERTIARY	Miocene	Upper	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation	Modelo Formation</

¹ Volcanic rocks not assigned a stratigraphic position by Kew, but shown both above and below Topanga strata on his structure section B-B'.
² Strata mapped as Vaqueros by Kew were assigned by Hoots (1931) to the Chico and Martinez Formations; marine Vaqueros missing in area of Topanga Canyon fauna.
³ Contains type Mohnian Stage of Klempell (1938).
⁴ Turonian to Santonian Stages not known to be represented.
⁵ Lithologic and stratigraphic equivalent of Trabuco Formation, of Turonian or older age, in Santa Ana Mountains.
⁶ Members described but not mapped.
⁷ Vaqueros shoreline recognized but not mapped.
⁸ Includes lower Miocene "Vaqueros" fauna of Loel and Corey (1932). Vaqueros Formation not mapped east of San Nicholas Canyon.
⁹ Radiometric age from Berry and others (1976, p. 9).
¹⁰ Contains locally abundant breccia of Catalina Schist; correlative with San Onofre Breccia of Woodford and Bailey (1928).
¹¹ Radiometric age from Forman (1970) and Suppe and Armstrong (1972).
¹² Units recognized only in upper plate of Malibu Bowl fault:
Conejo Volcanics
Tcom, Malibu Bowl Tongue
Tcos, Solstice Canyon Tongue
Tcor, Ramera Canyon Tongue
Calabasas Formation
Tcmp, Mesa Peak Breccia Member
Tcn, Newell Sandstone Member
Tclc, Latigo Canyon Breccia Member
Tcd, Dry Canyon Sandstone Member
Tce, Escondido Canyon Shale Member
¹³ Radiometric ages from table 1, this report.
¹⁴ Sources: Addicott (1972); Evernden and Evernden (1970); Klempell (1938); Turner (1970); Woodford (1965).