

SUMMARY

Paleogene molluscan faunas can be used in conjunction with planktic foraminiferal and nannoplankton zones to make possible finer-scale correlations. Study of these faunas helps delineate the shallower water events of transgressive-regressive sequences.

ACKNOWLEDGEMENTS

I am grateful to A. A. Almgren, M. V. Filewicz, Richard Saul and Richard Squires for reading and criticizing this manuscript. Type specimens loaned by Peter Rodda of the California Academy of Sciences and David Lindberg of the University of California, Berkeley, Museum of Paleontology made possible better identification of species. Stratigraphic distribution of turritellas and venericardias in the Simi Valley area, depicted herein, is derived largely from collections of J. H. Fantozzi, R. L. Squires, W. P. Woodring, and W. J. Zinsmeister. They are not responsible for my misinterpretations.

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APPENDIX 1

Paleogene *Turritella* spp. of the Simi Valley area figured by previous workers, revised where necessary, and Stage or Zone of occurrence indicated.

- andersoni* DICKERSON
WARING, 1917, p. 99, pl. 15, fig. 18. SEE *andersoni lawsoni* DICKERSON
- andersoni lawsoni* DICKERSON
MERRIAM, 1941, p. 77, pl. 9, fig. 5-7.
"Domengine" Stage, upper P8 to P10
- andersoni lawsoni secundaria* MERRIAM
MERRIAM, 1941, p. 78, pl. 9, fig. 9.
"Domengine" Stage
- andersoni susanae* MERRIAM
MERRIAM, 1941, p. 79, pl. 11, fig. 6. May be *andersoni* DICKERSON
"Capay" Stage
- buwaldana* DICKERSON
MERRIAM, 1941, p. 87, pl. 22, fig. 1-6, 13.
"Domengine" Stage
- ?*buwaldana subuvasana* NELSON
this paper, pl. 1, fig. 11.
"Martinez" Stage, possibly P4-5
- hannai* NELSON
NELSON, 1925, p. 422, pl. 56, fig. 3-4;
MERRIAM, 1941, p. 73, pl. 41, fig. 5-6. Possibly a juvenile *infragranulata pachecoensis* STANTON
- infragranulata* GABB
WARING, 1917, p. 99, pl. 15, fig. 20 (but the specimen is probably from the Santa Monica Mts.)
"Martinez" Stage, P4/5
- infragranulata pachecoensis* STANTON
SAUL, 1983, p. 95, pl. 7, fig. 2, text-fig. 21, A2.
"Martinez" Stage, P4
- meganosensis* CLARK & WOODFORD
MERRIAM, 1941, p. 75, pl. 8, fig. 9.
"Meganos" Stage, P6
- meganosensis protumescens* MERRIAM & TURNER
MERRIAM & TURNER, 1937, p. 104, pl. 6, fig. 8;
MERRIAM, 1941, p. 75, pl. 8, fig. 1-2, 5-6.
"Capay" Stage
- pachecoensis* STANTON
WARING, 1917, p. 88, pl. 12, fig. 20; MERRIAM, 1941, p. 69 (in part). SEE *infragranulata pachecoensis* STANTON
- STADUM, 1973, p. 25, pl. 3, fig. 5. SEE *peninsularis* ANDERSON & HANNA

- pachecoensis renodata* MERRIAM
MERRIAM, 1941, p. 69, pl. 4, fig. 7-8. SEE *peninsularis* ANDERSON & HANNA
- pachecoensis waringi* MERRIAM
MERRIAM, 1941, p. 69, pl. 7, fig. 5. See *infragranulata* GABB (this specimen probably from the Santa Monica Mountains)
- peninsularis* ANDERSON & HANNA
SAUL, 1983, p. 92, pl. 6, fig. 17, 19, 21-23, text-fig. 21, B2-5.
"Martinez" Stage, P3
- peninsularis quaylei* SAUL
SAUL, 1983, p. 89, pl. 6, figs. 13, 16, text-fig. 21, C1, C4.
Unnamed Stage = ?Danian
- reversa* WARING
WARING, 1917, p. 88, pl. 12, fig. 15; MERRIAM, 1941, p. 74, pl. 7, figs. 7-11; SAUL, 1983, p. 91, pl. 6, fig. 24, text-fig. 21, B1.
"Martinez" Stage, P3
- simiensis* WARING
WARING, 1917, p. 88, pl. 14, fig. 15. SEE *infragranulata pachecoensis* STANTON
- subuvasana* NELSON
NELSON, 1925, p. 423, pl. 56, figs. 5-7;
MERRIAM, 1941, p. 74, pl. 41, fig. 1-3. See ?*buwaldana subuvasana* NELSON
- susanaensis* NELSON
NELSON, 1925, p. 423, pl. 56, fig. 1-2;
MERRIAM, 1941, p. 73, pl. 41, fig. 4, 10.
Probably a juvenile *infragranulata* STANTON
- uvasana* CONRAD
WARING, 1917, p. 100, pl. 15, fig. 13. SEE *uvasana applinae* HANNA
- uvasana applinae* HANNA
this paper, pl. 2, fig. 18.
"Domengine" Stage
- uvasana etheringtoni* MERRIAM
MERRIAM, 1941, p. 94, pl. 15, fig. 12-15. SEE *uvasana applinae* HANNA
- uvasana infera* MERRIAM
MERRIAM, 1941, p. 90, pl. 40, fig. 2-4.
"Meganos-Capay" Stages, P6 to lower P8

APPENDIX 2

Venericardia spp. of the Simi Valley area figured by previous workers, revised where necessary, and Stage or Zone of occurrence indicated. Verastegui (1953) placed 2 species *simiana* and *venturaensis* in the subgenus *Venericor*; 4 — *calafia*, *nelsoni*, *susanaensis*, and *transversaria* — in *Pacificor*; and 3 — *alisoensis*, *joaquinensis*, and *schlencki* — in *Leuroactis*. I leave *venturaensis* in ?*Venericor* and assign the rest to *Pacificor*.

- alisoensis* VERASTEGUI
VERASTEGUI, 1953, p. 52 (446), pl. 10 (49), fig. 1-3. SEE *aragonia joaquinensis* (VOKES)
- aragonia joaquinensis* (VOKES)
this paper, pl. 2, fig. 7-8.
upper "Capay" and "Domengine" Stages
- calafia* STEWART
VERASTEGUI, 1953, p. 28 (422), pl. 16 (55), fig. 1-3; pl. 17 (56), fig. 1-2. SEE *hornii calafia* STEWART
- hornii calafia* STEWART
STEWART, 1930, p. 168, pl. 11, fig. 2.
"Domengine" Stage, upper P8 to P10
- ionensis* WARING
HANNA, 1925, p. 284, pl. 42, fig. 1-2. SEE *aragonia joaquinensis* (VOKES)