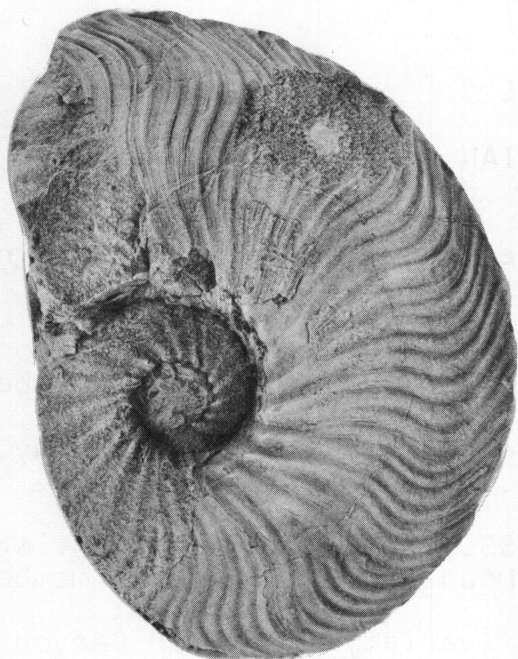
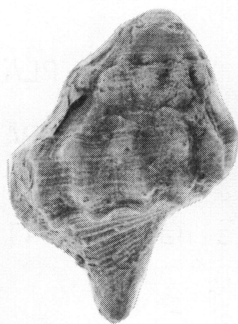


PLATE 2 - CAMPANIAN FOSSILS



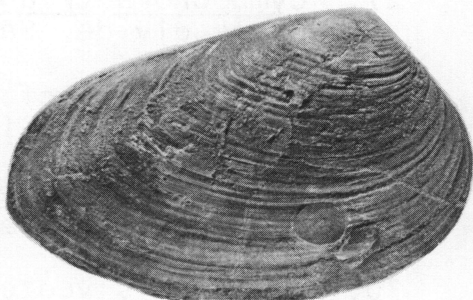
15



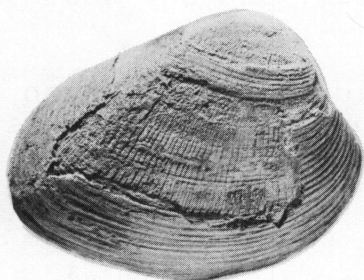
16



17



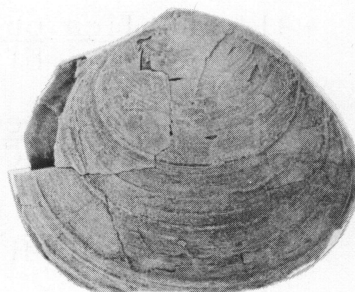
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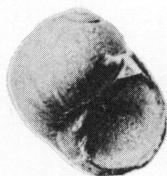
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18



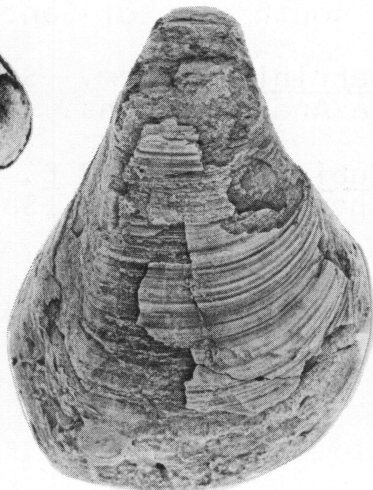
21



22



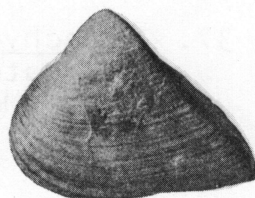
24



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23



26

PLATE 3

UPPER CAMPANIAN FOSSILS

All specimens are natural size except where otherwise indicated.

27. Cymbophora triangulata (Waring). Aliso - Santiago Creek divide, Santa Ana Mountains. Pleasants member.
28. Parallelodon cf. vancouverensis Meek. Dayton Canyon, south side of Simi Hills.
29. Cymbophora "popenoei" (MSS.) Saul. Aliso - Santiago Creek divide, Santa Ana Mountains. Pleasants member.
30. Glycymeris veatchii Gabb (variety). Dayton Canyon, Simi Hills.
31. Biplica obliqua (Gabb), X2. Bell Canyon, south side of Simi Hills.
32. Calva bowersiana (Cooper). Old Pleasants Ranch, Williams Canyon, Santa Ana Mountains. Pleasants member.
33. Idonearca youngi (Waring). Dayton Canyon, south side of Simi Hills.
34. Metaplacenticerias sanctaemonicae (Waring), X $\frac{3}{5}$. Santa Ynez Canyon, south side of Santa Monica Mountains.
35. Turritella perrini Merriam. Santiago - Aliso Creek divide, Santa Ana Mountains. Pleasants member.
36. Clisocolus dubius ? Gabb =? C. cordatus Whiteaves. Bee Canyon, southeast of Tustin, Santa Ana Mountains foothills.
37. Eupachydiscus sp. aff. E. lamberti (Collignon). Scale indicated by ruler. Santa Ynez Canyon, south slope of Santa Monica Mountains.