

TABLE 5—Measurements (in mm) of *Egrona fallax* n. sp.

Museum no.	H	L	I	B	LL	LW	L/H	H/I	L/B	LL/LW
LACMIP 8193	41.4	47.5	16.0	21.0	12.5	3.5	1.1	2.6	2.3	3.6
LACMIP 8194	45.8	—	19.2	22.5	15.0	4.6	—	2.4	—	3.3
LACMIP 8195	42.5	54.7	18.7	21.7	15.0	4.0	1.3	2.3	2.5	3.8
LACMIP 8265	45.5	50.8	16.5	18.0	17.0	5.0	1.1	2.8	2.8	3.4
LACMIP 8266	47.0	—	17.0	19.2	15.0	5.4	—	2.8	—	2.8
LACMIP 8268	45.0	52.0	12.5	22.5	15.0	4.4	1.2	3.6	2.3	3.4

posterior dorsal slope long, arched; lunule short, plumply lanceolate, depressed, circumscribed by a line; escutcheon narrow, but clearly demarked by abrupt angulation; shell surface ornamented by closely spaced, round-topped, concentric ribs abruptly tripling in width near valve height of 10 mm, and becoming irregularly spaced; growth checks impressed.

Ligament groove long, barely arched behind long, low, smooth nymphae. Hinge of right valve with cardinals 3a and 1 divergent, beneath beak, 1 longer and stouter than 3a; cardinal 3b twice as long as 1, bifid; anterior laterals short, close to cardinals enclosing a short moderately deep socket for AII. Hinge of left

valve with cardinals 2a and 2b sturdy, nearly equal, strongly divergent; cardinal 4b longer, slender, very near and separated from nymph by shallow groove; anterior lateral AII very short but strong, close to 2a. Pallial sinus unknown.

Holotype.—LACMIP 8238.

Paratypes.—LACMIP 8166, 8167, 8239–8241 from LACMIP loc. 10888 (=CIT loc. 981), Santa Ana Mts. [13], Orange County, California.

Type locality.—LACMIP loc. 10881 (=CIT loc. 981) SW¼, sec. 21, T5S, R7W, Santiago Peak quadrangle, Santa Ana Mts. [13], Orange County, California.

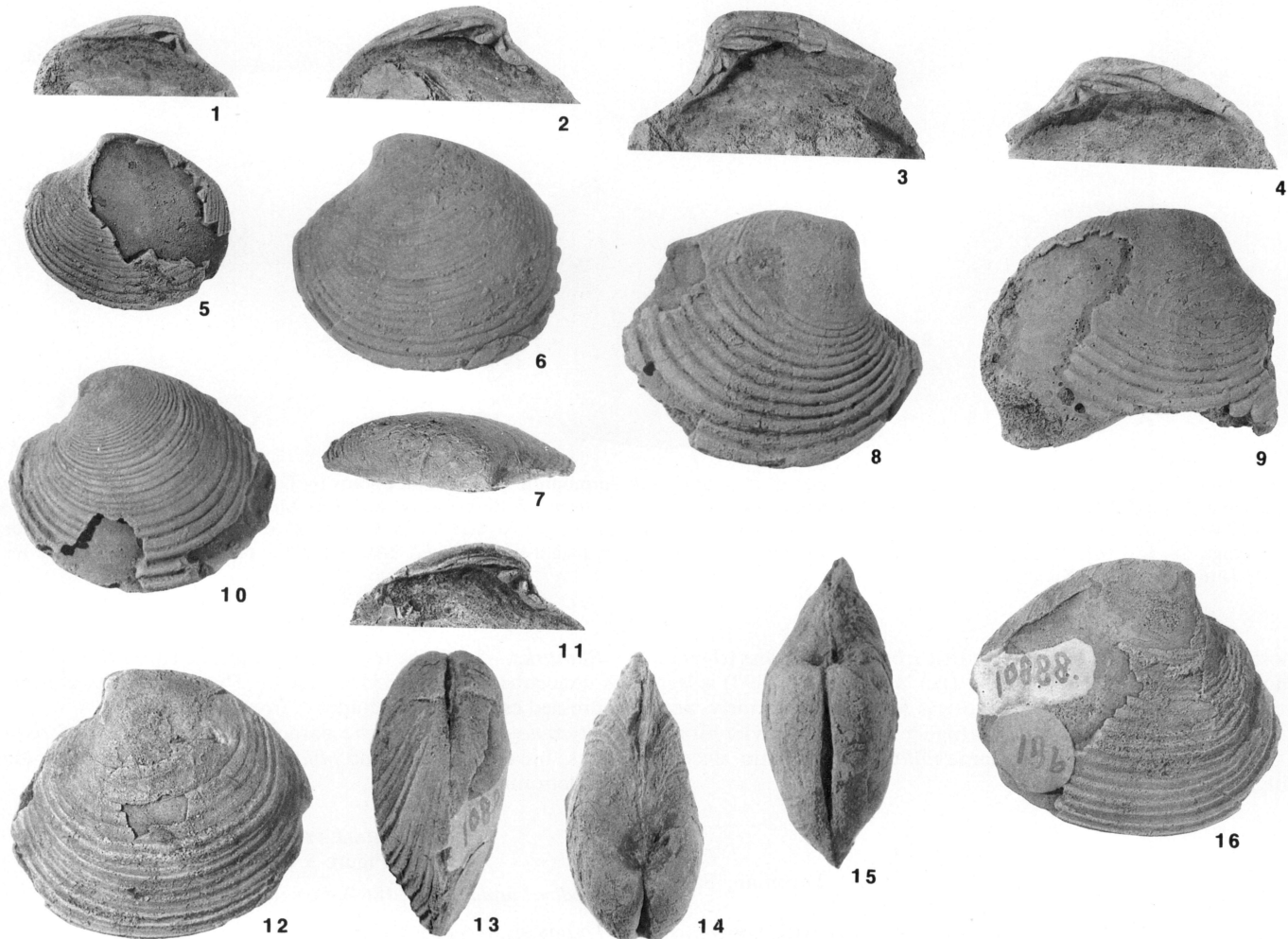


FIGURE 5—*Rhaiphiale pharota* n. sp., $\times 2$, Turonian, from LACMIP loc. 10888, all coated with ammonium chloride, photos by De Leon. 1, 5, LACMIP 8167, paratype, left valve. 1, hinge; 5, exterior. 2, 6, 7, LACMIP 8238, holotype, left valve. 2, hinge; 6, exterior; 7, dorsal view. 3, 8, LACMIP 8239, paratype, right valve. 3, hinge; 8, exterior. 4, 9, LACMIP 8166, paratype, right valve. 4, hinge; 9, exterior, smooth portion of shell marked by grinder used to remove matrix. 10, 11, LACMIP 8141, paratype, left valve. 10, exterior; 11, hinge. 12–16, LACMIP 8240, paratype, left valve. 12, exterior; 13, posterior view; 14, anterior view; 15, dorsal view; 16, exterior.