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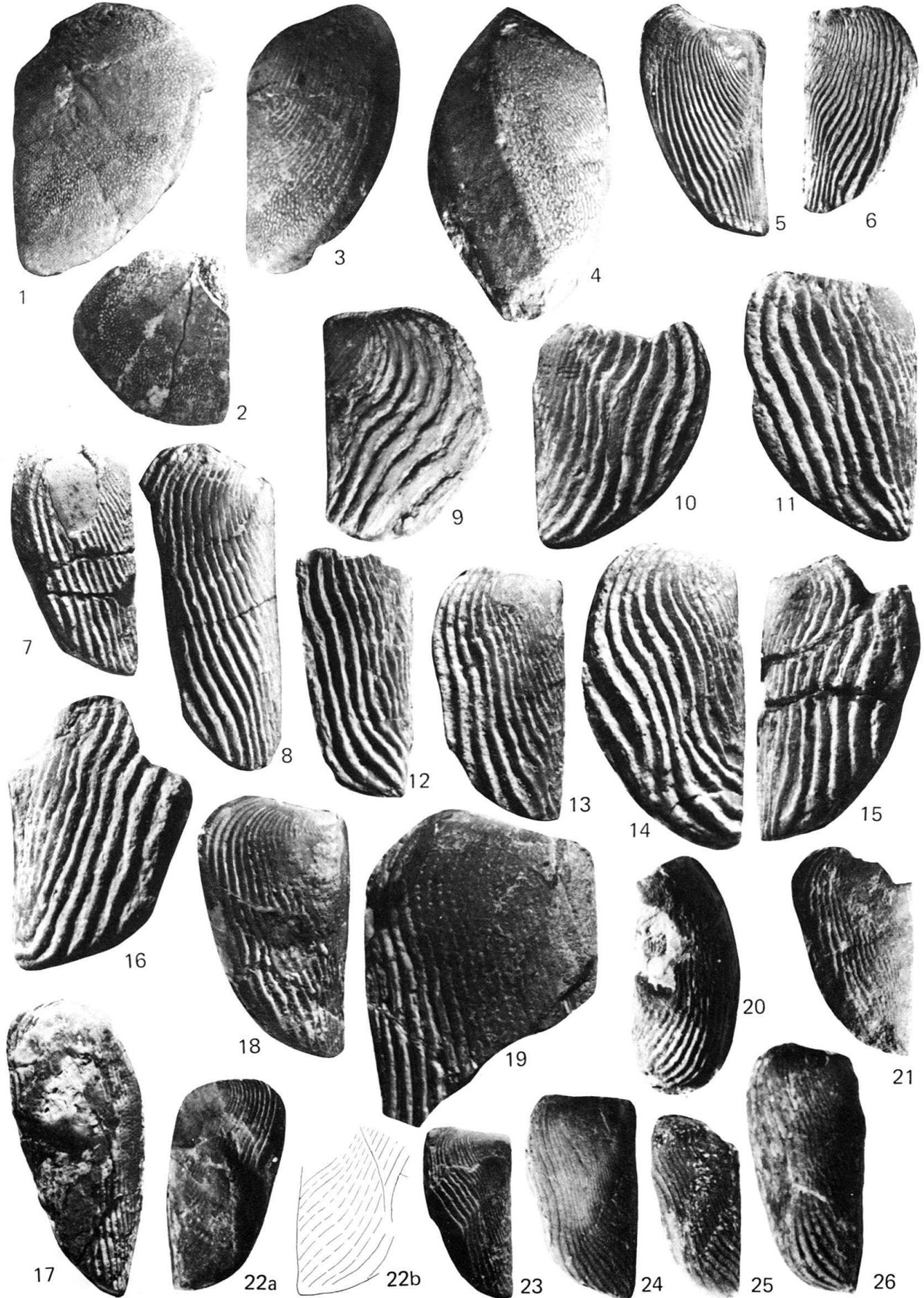


Plate 2

Valanginian continued

Fig. 1	<i>Lamellaptychus mortilleti</i> (P ICTET & LORIOL) 34.2 m (28 m), J30754, 3×.	p. 397	Fig. 17	<i>Lamellaptychus bahamensis</i> RENZ 47 m (39 m), J30797, 3×.	p. 403
Fig. 2	<i>Lamellaptychus mortilleti</i> (P ICTET & LORIOL) 34.2 m (28 m), J30895, 3×.	p. 397	Fig. 18	<i>Lamellaptychus bahamensis</i> RENZ 70 m (58 m), J30798, 3×.	p. 403
Fig. 3	<i>Lamellaptychus</i> aff. <i>mortilleti</i> (P ICTET & LORIOL) 45 m (37 m), J30756, 3×.	p. 397	Fig. 19	<i>Lamellaptychus bermudensis levis</i> , new variety 50 m (42 m), J30783, 3×, holotype	p. 401
Fig. 4a, b	<i>Lamellaptychus mortilleti</i> (P ICTET & LORIOL), juvenile 53 m (44 m), MB204, J30759, 2×.	p. 397	Fig. 20	<i>Lamellaptychus bermudensis levis</i> , new variety 46 m (38 m), MB203, J30782, 2×, paratype	p. 401
Fig. 5	<i>Lamellaptychus mortilleti</i> (P ICTET & LORIOL) 50 m (42 m), J30758, 2×.	p. 397	Fig. 21	<i>Lamellaptychus bermudensis</i> RENZ 72 m (60 m), J30903, 2×.	p. 400
Fig. 6	<i>Lamellaptychus lorioli</i> RENZ 30 m (25 m), J30761, 2×.	p. 398	Fig. 22	<i>Lamellaptychus bermudensis</i> RENZ 50 m (42 m), J30906, 2×.	p. 400
Fig. 7	<i>Lamellaptychus helveticus</i> new form, holotype 30 m (25 m), J30762, 2×.	p. 398	Fig. 23	<i>Lamellaptychus bermudensis</i> RENZ 50 m (42 m), J30905, 2×.	p. 400
Fig. 8	<i>Lamellaptychus helveticus</i> new form, paratype 1 30 m (25 m), J30763, 2×.	p. 398	Fig. 24	<i>Lamellaptychus bermudensis</i> RENZ 50 m (42 m), J30904, 2×.	p. 400
Fig. 9	<i>Lamellaptychus helveticus</i> new form, paratype 2 30 m (25 m), J30764, 2×.	p. 398	Fig. 25	<i>Lamellaptychus</i> aff. <i>retroflexus</i> TRAUTH 50 m (42 m), J30907, 2×.	p. 402
Fig. 10	<i>Lamellaptychus lombardicus longus</i> new name 31.5 m (26.5 m), J30766, 2×.	p. 399	Fig. 26	<i>Lamellaptychus</i> aff. <i>retroflexus</i> TRAUTH 62 m (52 m), J30788, 2×.	p. 402
Fig. 11	<i>Lamellaptychus lombardicus</i> new form 31.5 m (26.5 m), J30765, 2×.	p. 398	Fig. 27	<i>Lamellaptychus retroflexus</i> TRAUTH 62 m (52 m), J30789, 2×.	p. 402
Fig. 12	<i>Lamellaptychus trauthi</i> new form, holotype 34 m (28 m), J30767, 3×.	p. 399	Fig. 28	<i>Lamellaptychus retroflexus</i> TRAUTH 65 m (54 m), J30791, 2×.	p. 402
Fig. 13	<i>Lamellaptychus trauthi</i> new form, paratype 34 m (28 m), MB201, J30768, 2×.	p. 399	Fig. 29	<i>Lamellaptychus retroflexus</i> TRAUTH 71 m (59 m), J30793, 2×.	p. 402
Fig. 14	<i>Lamellaptychus</i> ? new form 46 m (38 m), MB203, J30781, 2×.	p. 401	Fig. 30	<i>Lamellaptychus retroflexus</i> TRAUTH 86 m (71 m), J30795, 3×.	p. 402
Fig. 15a, b	<i>Lamellaptychus planus</i> new form 45.5 m (37.5 m), J30780, 2×.	p. 400	Fig. 31	<i>Lamellaptychus retroflexus</i> TRAUTH 75 m (63 m), J30794, 3×.	p. 402
Fig. 16	<i>Lamellaptychus elegans</i> RENZ 47 m (39 m), J30784, 3×.	p. 402	Fig. 32	<i>Lamellaptychus retroflexus</i> TRAUTH 57 m (47 m), MB205, J30787, 2×.	p. 402
			Fig. 33	<i>Lamellaptychus challengerii</i> RENZ 50 m (42 m), J30801, 3×.	p. 403



Plate 3

	Valanginian continued				
Fig. 1	<i>Lamellaptychus challenger</i> RENZ 62 m (51 m), MB210, J30802, 2 ×.		Fig. 15a, b	<i>Lamellaptychus</i> aff. <i>symphysocostatus</i> TRAUTH 62 m (51 m), MB209, J30836, 2 ×, 15a slightly enlarged	p. 408
Fig. 2	<i>Lamellaptychus challenger</i> RENZ 51 m (53 m), J30803, 3 ×.		Fig. 16	<i>Lamellaptychus herithae</i> (WINKLER) 54 m (45 m), J30822, 2 ×.	p. 405
Fig. 3	<i>Lamellaptychus subdidayi</i> TRAUTH 59 m (49 m), MB206, J30833, 3 ×.		Fig. 17	<i>Lamellaptychus herithae</i> (WINKLER) 62 m (51 m), MB209, J30823, 2 ×.	p. 405
Fig. 4	<i>Lamellaptychus</i> aff. <i>aplanatus</i> GILLIÉRON 54 m (45 m), J30808, 3 ×.		Fig. 18	<i>Lamellaptychus herithae</i> (WINKLER) 68 m (56 m), J30824, 1 ×.	p. 405
Fig. 5	<i>Lamellaptychus aplanatus</i> GILLIÉRON 71 m (59 m), J30812, 3 ×.		Fig. 19	<i>Lamellaptychus</i> aff. <i>noricus</i> (WINKLER) 57 m (47 m), MB205, J30832, 2 ×.	p. 407
Fig. 6	<i>Lamellaptychus aplanatus</i> GILLIÉRON 75 m (63 m), J30813, 2 ×.		Fig. 20a, b	<i>Lamellaptychus carinatus</i> new form 59 m (49 m), MB206, J30835, 2 ×.	p. 408
Fig. 7	<i>Lamellaptychus</i> aff. <i>aplanatus</i> GILLIÉRON 75 m (63 m), J30814, 2 ×.		Fig. 21	<i>Lamellaptychus ambiguus</i> RENZ 58 m (47 m), J30831, 2 ×.	p. 406
Fig. 8	<i>Lamellaptychus aplanatus</i> GILLIÉRON 78 m (64 m), MB208, J30815, 2 ×.		Fig. 22	<i>Lamellaptychus ambiguus</i> RENZ 50 m (42 m), J30830, 3 ×.	p. 406
Fig. 9	<i>Lamellaptychus aplanatus</i> GILLIÉRON 47 m (39 m), J30816, 3 ×.		Fig. 23	<i>Lamellaptychus</i> aff. <i>angulodidayi</i> TRAUTH 70 m (58 m), J30837, 2 ×.	p. 408
Fig. 10	<i>Lamellaptychus aplanatus</i> GILLIÉRON 87 m (72 m), J30818, 3 ×.		Fig. 24	<i>Lamellaptychus</i> ? aff. <i>L. bicurvatus</i> new form 71 m (59 m), J30842, 2 ×.	p. 409
Fig. 11	<i>Lamellaptychus</i> aff. <i>aplanatus</i> GILLIÉRON 61.5 m (51 m), J30810, 3 ×.		Fig. 25	<i>Lamellaptychus bicurvatus</i> new name 71 m (59 m), J30838, 2 ×.	p. 409
Fig. 12	<i>Lamellaptychus symphysocostatus</i> TRAUTH 51 m (53 m), J30827, 3 ×.		Fig. 26	<i>Lamellaptychus bicurvatus</i> new name 75 m (63 m), J30841, 2 ×.	p. 409
Fig. 13	<i>Lamellaptychus symphysocostatus</i> TRAUTH 78 m (64 m), MB208, J30829, 3 ×.		Fig. 27	<i>Lamellaptychus bicurvatus</i> new name 71 m (59 m), J30839, 2 ×.	p. 409
Fig. 14	<i>Lamellaptychus symphysocostatus</i> TRAUTH Betic Cordillera, Archidona, Provincia Malaga, Spain, J30888, 3 ×.		Fig. 28	<i>Lamellaptychus bicurvatus</i> new name 71 m (59 m), J30840, 2 ×.	p. 409
			Fig. 29	<i>Lamellaptychus ticinensis</i> new name 75 m (63 m), J30843, 2 ×.	p. 409
			Fig. 30	<i>Lamellaptychus ticinensis</i> new name 75 m (63 m), J30844, 3 ×.	p. 409
			Fig. 31	<i>Lamellaptychus</i> ? aff. <i>ticinensis</i> new name 75 m (63 m), J30845, 3 ×.	p. 409



Plate 4

Valanginian continued		Hauterivian, Maiolica Formation	
Fig. 1	<i>Lamellapytychus ticinensis</i> new name 75 m (63 m), J30846, 3x.	Fig. 13	<i>Lamellapytychus subseranonis</i> RENZ 86 m (71 m), MB61, J30857, 2x.
Fig. 2	<i>Lamellapytychus ticinensis</i> new name 75 m (63 m), J30847, 2x.	Fig. 14	<i>Lamellapytychus subseranonis</i> RENZ 86 m (71 m), J30858, 2x.
Fig. 3	<i>Lamellapytychus ticinensis</i> new name 79 m (65 m); J30848, 3x.	Fig. 15	<i>Lamellapytychus subseranonis</i> RENZ 86 m (71 m), J30859, 2x.
Fig. 4	<i>Lamellapytychus morbiensis</i> new form 75 m (63 m), J30849, 3x, holotype	Fig. 16	<i>Lamellapytychus subseranonis</i> RENZ 86 m (71 m), J30860, 3x.
Fig. 5	<i>Lamellapytychus didayi</i> TRAUTH 50 m (42 m), J30819, 3x.	Fig. 17	<i>Lamellapytychus seranonis</i> COQUAND 87 m (72 m), J30863, 3x.
Fig. 6	<i>Lamellapytychus didayi</i> TRAUTH 71 m (59 m), J30820, 2x.	Fig. 18	<i>Lamellapytychus subseranonis</i> RENZ 89 m (74 m), J30861, 2x.
Fig. 7	<i>Lamellapytychus angulodidayi</i> TRAUTH 75 m (63 m), J30851, 2x.	Fig. 19	<i>Lamellapytychus seranonis</i> COQUAND 97 m (81 m), J30864, 3x.
Fig. 8	<i>Lamellapytychus</i> form indet. 75 m (63 m), J30852, 2x.	Fig. 20	<i>Lamellapytychus seranonis fractocostus</i> TRAUTH 97 m (81 m), J30869, 3x.
Fig. 9	<i>Lamellapytychus mendristiensis</i> new form 75 m (63 m), J30853, 3x.	Fig. 21	<i>Lamellapytychus subseranonis</i> RENZ 86 m (71 m), J30866, 2x.
Fig. 10	<i>Lamellapytychus morbiensis</i> new form 75 m (63 m), J30850, 3x, paratype	Fig. 22	<i>Lamellapytychus tethis</i> new name 97 m (81 m), J30862, 2x.
Fig. 11	<i>Lamellapytychus subseranonis</i> RENZ 75 m (63 m), J30854, 3x.	Fig. 23	<i>Lamellapytychus seranonis</i> COQUAND 110 m (92 m), J30867, 2x.
Fig. 12	<i>Lamellapytychus subseranonis</i> RENZ 75 m (63 m), J30855, 3x.	Fig. 24	<i>Lamellapytychus seranonis fractocostus</i> TRAUTH 110 m (92 m), J30871, 2x.
		Fig. 25	<i>Lamellapytychus seranonis fractocostus</i> TRAUTH 107 m (89 m), J30870, 3x.



Plate 5

	Hauterivian continued				
Fig. 1	<i>Lamellaptychus seranonis fractocostus</i> TRAUTH 110 m (92 m), J30882, 3×.		Fig. 14	<i>Lamellaptychus atlanticus</i> (HENNIG) 144 m (119 m), DB2720, J30900, 3×.	p. 415
Fig. 2	<i>Lamellaptychus seranonis</i> (COQUAND) 110 m (92 m), J30889, 2×.	p. 412	Fig. 15	<i>Lamellaptychus angulocostatus</i> (PETERS) 144 m (119 m), DB2721, J30894, 2×.	p. 413
Fig. 3	<i>Lamellaptychus seranonis</i> (COQUAND) 110 m (92 m), J30890, 2×.	p. 412	Fig. 16	<i>Lamellaptychus atlanticus</i> (HENNIG) 133 m (110 m), MB87b, J30917, 1.5×.	p. 415
Fig. 4	<i>Lamellaptychus seranonis</i> (COQUAND) 110 m (92 m), J30891, 3×.	p. 412		Addenda, Valanginian	
Fig. 5	<i>Lamellaptychus seranonis</i> (COQUAND) 110 m (92 m), J30892, 2×.	p. 412	Fig. 17	<i>Lamellaptychus elegans</i> RENZ 50 m (42 m), J30911, 2×.	p. 402
Fig. 6	<i>Lamellaptychus seranonis</i> (COQUAND) 110 m (92 m), J30893, 3×.	p. 412	Fig. 18	<i>Lamellaptychus elegans</i> RENZ 50 m (42 m), J30910, 2×.	p. 402
	Barremian, Maiolica Formation		Fig. 19	<i>Lamellaptychus</i> aff. <i>ambiguus</i> RENZ 50 m (42 m), J30918, 2.5×.	p. 406
			Fig. 20	<i>Lamellaptychus</i> aff. <i>ambiguus</i> RENZ 50 m (42 m), J30919, 2.5×.	p. 406
Fig. 7	<i>Lamellaptychus angulocostatus cristobalensis</i> O'CONNELL 109.5 m, DB2718a, J30886, 2×.	p. 414	Fig. 21	<i>Lamellaptychus bahamensis</i> RENZ 50 m (42 m), J30916, 2.5×.	p. 403
Fig. 8	<i>Lamellaptychus</i> aff. <i>angulocostatus</i> (PETERS) 126 m (105 m), MB81, J30883, 1.5×.	p. 415	Fig. 22	<i>Lamellaptychus bahamensis</i> RENZ 50 m (42 m), J30915, 2×.	p. 403
Fig. 9	<i>Lamellaptychus angulocostatus</i> (PETERS) 109.5 m DB2718b, J30872, 2×.	p. 413	Fig. 23	<i>Lamellaptychus bahamensis</i> RENZ 50 m (42 m), J30914, 2.5×.	p. 403
Fig. 10	<i>Lamellaptychus angulocostatus</i> (PETERS) 133 m (110 m), MB87c, J30885, 1.5×.	p. 413	Fig. 24	<i>Lamellaptychus bahamensis</i> RENZ 50 m (42 m), J30913, 2.5×.	p. 403
Fig. 11	<i>Lamellaptychus angulocostatus cristobalensis</i> (O'CONNELL) 133 m (110 m), MB87, J30876, 2×.	p. 414	Fig. 25	<i>Laevilamellaptychus</i> ? new form 57 m (47 m), MB205, J30912, 3×.	p. 407
Fig. 12	<i>Lamellaptychus angulocostatus</i> (PETERS) 118.5 m DB2720, J30884, 3×.	p. 413	Fig. 26	<i>Neocomites</i> sp. indet. 75 m (63 m), J30920, 2×.	p. 388
Fig. 13	<i>Lamellaptychus angulocostatus cristobalensis</i> (O'CONNELL) 133 m (110 m), MB87b, J30887, 1.5×.	p. 414			



