

***Tetragonites timotheanus timotheanus* (PICTET, 1847)**

- *1847 *Ammonites Timotheanus* Mayor - PICTET, p. 295, pl. 2, fig. 6a, 6b, pl. 3, fig. 1a, 1b, 1c
- 1850a *Ammonites Timotheanus* - D'ORBIGNY, p. 124, n° 52
- 1852 *Ammonites Timotheanus* - GRAS, p. 38
- 1860 *Ammonites Timotheanus* - PICTET & CAMPICHE, p. 289
- ?1865a *Ammonites Timotheanus* - BLANFORD, p. 92
- non1865 *Ammonites Timotheanus* - STOLICZKA, p. 146(106), pl. LXXIII, fig. 3, 3a, 4, 4a, 6 (= *Tetragonites subtimotheanus subtimotheanus*), pl. LXXIII, fig. 5, 5a (= *Tetragonites epigonus*)
- non1873 *Ammonites Timotheanus* - SCHMIDT, p. 14, pl. II, fig. 7, 8, 9, 10, 11 (= *Tetragonites schmidtii*)
- non1876 *Ammonites Timotheanus* - WHITEAVES, p. 41, pl. III, fig. 2, 2a (= ? *Tetragonites kitchini*)
- ?1884 *Lytoceras Timotheanum* - WHITEAVES, p. 203
- non1895 *Lytoceras (Tetragonites) Timotheanum* - KOSSMAT, p. 133(37), pl. XVII(III), fig. 11, 13a, 13b (= *Tetragonites subtimotheanus subtimotheanus*)
- non1902 *Lytoceras timotheanum* - ANDERSON, p. 63, pl. VII, fig. 145, fig. 146, 147, 148 (= *Tetragonites hulenensis*)
- non1903 *Tetragonites Timotheanus?* - WHITEAVES, p. 329 (= *Tetragonites epigonus*)
- non1906 *Lytoceras (Tetragonites) Timotheanum* - BOULE, LEMOINE & THEVENIN, p. 186(14), pl. II, fig. 3, 3a, 3b (= ? *Tetragonites kitchini*)
- non1907a *Tetragonites Timotheanus* - CRICK, p. 172, pl. X, fig. 15, 15a (= *Tetragonites subtimotheanus subtimotheanus*), pl. XIII, fig. 5, 5a (= *Desmoceras latidorsatum*)
- non1907 *Lytoceras (Tetragonites) Timotheanum* - PERVINQUIÈRE, p. 74, pl. III, fig. 24a, 24b, 26, text-fig. 13 (= *Tetragonites* sp. juv.)
- non1907 *Lytoceras (Tetragonites) Timotheanum* - PERVINQUIÈRE, pl. III, fig. 25a, 25b, text-fig. 14 (= ? *Tetragonites spathi*)
- non1908 *Lytoceras (Tetragonites) Timotheanum* - JACOB, p. 19, pl. XI(I), fig. 10a, 10b (= *Tetragonites rectangularis*), pl. XI(I), fig. 11a, 11b (= *Tetragonites balmensis*), ?text-fig. 7
- 1908 *Tetragonites Kiliani* - JACOB, p. 21, pl. XI(I), fig. 9a, 9b, text-fig. 8
- non1910 *Tetragonites Timotheanum* - FALLOT, p. 498, pl. III, fig. 7 (= *Tetragonites* sp.)
- 1910 *Lytoceras (Tetragonites) Timotheanum* - PERVINQUIÈRE, p. 17
- 1913 *Tetragonites Timotheanum* - PETKOVIĆ, p. 54, text-fig. 7
- 1920a *Tetragonites Timotheanum* - FALLOT, p. 14
- 1920a *Tetragonites* cf. *Kiliani* - FALLOT, p. 15
- 1923a *Tetragonites timotheanus* - SPATH, p. 25, text-fig. 6a, 6b (= PICTET, 1847, pl. 3, fig. 1a, 1b)
- non1923a *Tetragonites timotheanus* - SPATH, pl. I, fig. 5a, 5b (= *Tetragonites nautiloides*), fig. 6a, 6b (= *Tetragonites rectangularis*), text-fig. 6c, 6d, 6e (= JACOB, 1908, text-fig. 7), text-fig. 6f (= KOSSMAT, 1895, pl. XVII(III), fig. 11) (= *Tetragonites subtimotheanus subtimotheanus*)
- 1924 *Tetragonites Timotheum* - SALFELD, pl. VIII
- 1925 *Tetragonites Timotheanus* - DIENER, p. 55
- 1927 *Tetragonites timotheanus* - SPATH, p. 66
- non1929 *Lytoceras (Tetragonites) Timotheanum* - COLLIGNON, p. 154(18), pl. XV(I), fig. 18, 18a (= *Tetragonites subtimotheanus subtimotheanus*)
- non1930 *Tetragonites Timotheanus* - PASSENDORFER, p. 460(110) (= *Tetragonites nautiloides* & *Tetragonites rectangularis*)
- 1930a *Tetragonites Timotheanum* - BESAIRIE, p. 556(212), pl. XVII, fig. 7, 7a
- 1938 *Tetragonites Timotheanus* - ROMAN, p. 42, pl. IV, fig. 38, 38a (= PICTET, 1847, pl. 2, fig. 6a, 6b), fig. 38 on legend pl. IV (= KOSSMAT, 1895, pl. XVII(III), fig. 11)
- 1940 *Tetragonites Timotheanus* - BREISTROFFER, p. 110
- non1940 *Tetragonites* aff. *Timotheanus* - FABRE, p. 214, pl. V, fig. 2, 3 (= *Tetragonites subtimotheanus subtimotheanus*)
- ?1943b *Tetragonitres* aff. *kiliani* - MATSUMOTO, p. 671

- 1952 *Tetragonites timotheanus* - USHER, pl. XXXI, fig. 14 (=KOSSMAT, 1895, pl. XVII, fig. 11)
- non1952b *Tetragonites timotheanus* - BASSE, p. 604, pl. II, fig. 9, 9a (=PICTET, 1847, pl. 2, fig. 6a, 6b), non text-fig. 49: 7 (=KOSSMAT, 1895, pl. XVII(III), fig. 11) (= *Tetragonites subtimotheanus subtimotheanus*)
- 1956 *Tetragonites kiliani* - ANDELKOVIĆ, p. 159, text-fig. 58
- 1957 *Tetragonites timotheanus* - ARKELL et al., p. L203, fig. 231: 1a, 1b (=PICTET, 1847, pl. 3, fig. 1a, 1b, 1c)
- non1957 *Tetragonites timotheanus* - ALMELA & DE LA REVILLA, p. 65(21), pl. IV, fig. 4, 4a (= *Tetragonites rectangularis rectangularis*)
- 1958 *Lytoceras (Tetragonites) timotheanum* - ANDERSON, p. 186
- non1959 *Tetragonites timotheanus* - MATSUMOTO, p. 78, text-fig. 16 (= *Tetragonites jurinianus jurinianus*)
- non1960b *Tetragonites* aff. *T. timotheanus* - IMLAY, p. 100, pl. 12, fig. 24, 25, 26, 27, 28 (= *Tetragonites subtimothenus subtimotheanus*)
- 1962b *Tetragonites timotheanus* - WIEDMANN, p. 172, pl. 14, fig. 4a, 4b, 4c (=specimen PICTET, 1847, pl. 3, fig. 1a, 1b, 1c), fig. 6, text-fig. 30, text-fig. 31 (specimen PICTET, 1847, pl. 3, fig. 1a, 1b, 1c)
- non1962b *Tetragonites* sp. juv. aff. *timotheanus* - WIEDMANN, pl. 8, fig. 10a, 10b, pl. 14, fig. 5, text-fig. 32, 33 (= *Tetragonites timotheanus australis*)
- non1963 *Tetragonites* aff. *timotheanus* - COLLIGNON, p. 21, pl. CCXLIX, fig. 1067, 1068 (= *Tetragonites balmensis diegoensis*)
- 1967a *Tetragonites timotheanus* - MURPHY, p. 19, pl. 1, fig. 10, 11, 12, 13, fig. 14, 15 (=specimen JACOB, 1908, pl. XI(I), fig. 9a, 9b), fig. 16, 17, 18, 19, text-fig. 8, text-fig. 9a (=specimen PICTET, 1847, pl. 3, fig. 1a, 1b, 1c), text-fig. 9b, 9c, 9d, 9f, 9g, text-fig. 9h, 9i, 9j, 9k (=WIEDMANN, 1962b, text-fig. 31, 32, 33)
- 1968 *Tetragonites timotheanus* - WIEDMANN & DIENI, p. 45
- non1968 *Tetragonites timotheanum* - SASTRY et al., p. 12, pl. I, fig. 7, 8 (= *Tetragonites collignoni*)
- 1973 *Tetragonites timotheanus timotheanus* - WIEDMANN, p. 605, pl. VII, fig. 5, fig. 6 (=specimen PICTET 1847, pl. 3, fig. 1a, 1b, 1c), fig. 7a, 7b
- 1973 *Tetragonites kiliani* - WIEDMANN, p. 610
- 1976 *Tetragonites timotheanus* - DRUSHCHITS & MIKHAILOVA, p. 162, fig. 1Aa, 1Ab, 1Ac, 1Ad, 1Ae, 1Af, 1Ag, 4a, 4b, 4c, 4d, 4e, 4f, 4g, 4h, 4i, 4j
- 1977 *Tetragonites timotheanus* - KOTETISHVILI, p. 34, pl. VII, fig. 5a, 5b, 8a, 8b, 9
- 1979 *Tetragonites timotheanus* - SCHOLZ, p. 56, ?pl. 11, fig. 4a, 4b
- 1987 *Tetragonites timotheanus* - IMMEL, p. 66
- 1995 *Tetragonites timotheanus* - SEYED-EMAMI & IMMEL, p. 381, pl. 9a, 9b, 10a, 10b
- 1996 *Tetragonites timotheanus* - HOEDEMAEKER & VAN BEMMEL (=PICTET 1847, pl. 3, fig. 1a, 1b, 1c)
- 1996 *Tetragonites (Tetragonites) timotheanus* - WRIGHT et al., p. 6, fig. 3: 3a, 3b, 3c (=specimen PICTET, 1847, pl. 3, fig. 1a, 1b, 1c)
- 2000 *Tetragonites* cf. *kiliani* - TOSHIMITSU & HIRANO, p. 564
- 2000 *Tetragonites* aff. *kiliani* - TOSHIMITSU & HIRANO, p. 564
- 2000 *Tetragonites* cf. *timotheanus* - TOSHIMITSU & HIRANO, p. 564
- 2007 *Tetragonites (Tetragonites) timotheanus* - SZIVES, p. 96, pl. XIV, fig. 16a, 16b, pl. XIX, fig. 2a, 2b
- 2008 *Tetragonites timotheanum* - JOLY & DELAMETTE, fig. 8Q

Tetragonites timotheanus timotheanus (Pictet)

Pl. 7, Fig. 5-7

List of synonyms in J. WIEDMANN (1962a, p. 172), and
1967 *T. timotheanus* (Pictet). – M. A. MURPHY (1967a), p. 19, Textfig. 8, 9a-d, f-k, Pl. 1, Fig. 10-19.

Lectotype: *Amm. timotheanus* Pictet 1848, Plate 3, Figure 1 (reproduced in J. WIEDMANN 1962a, Pl. 14, Fig. 4, and here Pl. 7, Fig. 6) from the Upper Albian of Saxonet (Savoie, France), preserved in the MHNG coll. under Pi "GV"/3, 1.

Description: A complete redescription of this small-sized form was given on a previous occasion (1962a, p. 172). At that time, *T. timotheanus* was restricted to a small group of evolute forms with a distinctly trapezoidal whorl section and constrictions only on the inner whorl (up to a maximum D of 15 mm). The phragmocone terminates at a D of 20 mm.

The suture line (in WIEDMANN 1962a, Textfig. 31) is distinctly retracted at the umbilical seam.

It is not necessary to return to the extensive previous description. Two additional specimens with nearly complete body chamber are reproduced (Pl. 7, Fig. 5, 7), to accentuate the unusual characteristics of this exclusively European subspecies.

Measurements:

MHNG Wi "VK"/5	30 mm,	10 mm	(0.33),	16 mm	(0.53),	12.7 mm	(0.42),	[1.60]
Phragmocone-D 22 mm								
MHNG Wi "T"/4	29 mm,	9.5 mm	(0.33),	14 mm	(0.48),	12 mm	(0.42),	[1.48]
and	14 mm,	5 mm	(0.36),	7 mm	(0.50),	6 mm	(0.43),	[1.40]
Phragmocone-D 22 mm								

Distribution: *T. timotheanus* s. str. should be restricted to the Upper Albian of Southern France. The Spanish specimens, doubtfully included in 1962 (1962a, Pl. 8, Fig. 10, Pl. 14, Fig. 5), may now be transferred to the following subspecies.

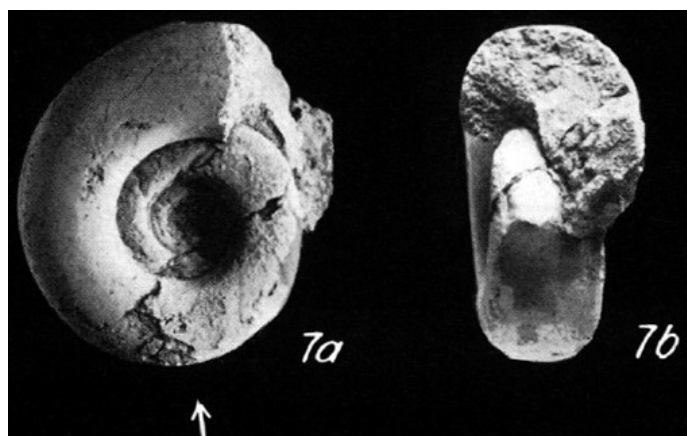


Fig. 7

T. timotheanus timotheanus (Pictet).
Adult hypotype MHNG Wi "T"/5 (leg. Pictet).
Same age and locality.
a: Lateral, b: frontal view.