

*Polymorphina thouvini* is a rare form, and in the recent condition has only been observed in the Levant, 90 fathoms, and off East Moncœur Island, Bass Strait, 38 fathoms.

As a fossil it occurs in the Eocene of the Paris Basin, in the Pliocene clays of Northern Italy, and in the Crag of Suffolk.

*Polymorphina problema*, d'Orbigny (Pl. LXXII. fig. 20 ; Pl. LXXIII. fig. 1).

- Polymorphina (Guttulina) problema*, d'Orbigny, 1826, Ann. Sci. Nat., vol. vii. p. 266, No. 14.  
—Modèle, No. 61.
- „ „ *crassatina*, Münster, 1838 (*vide* Roemer), Neues Jahrb. für Min., &c., p. 385, pl. iii. fig. 30.
- „ „ *spicæformis*, Roemer, 1838 Ibid. p. 386, pl. iii. fig. 31.
- Guttulina problema*, d'Orbigny, 1846, For. Foss. Vien., p. 224, pl. xii. figs. 26–28.
- „ *austriaca*, Id. Ibid. p. 223, pl. xii. figs. 23–25.
- Polymorphina uvula*, Ehrenberg, 1854, Mikrogeologie, pl. xxvi. fig. 28.
- „ „ Egger, 1857, Neues Jahrb. für Min., &c., p. 285, pl. x. figs. 26–29.
- Guttulina rotundata*, Reuss, 1864, Sitzungsber. d. k. Akad. Wiss. Wien, vol. l. p. 469, pl. iii. fig. 4.
- „ *pusilla*, Stache, 1865, Novara-Exped., geol. Theil, vol. i. pt. 2, p. 265, pl. xxiv. fig. 12.
- Polymorphina problema*, Brady, Parker, and Jones, 1870, Trans. Linn. Soc. Lond., vol. xxvii. p. 225, pl. xxxix. fig. 11, *a. b.*

*Polymorphina communis*, d'Orbigny (Pl. LXXII. fig. 19).

- Polymorphina (Guttulina) communis*, d'Orbigny, 1826, Ann. Sci. Nat., vol. vii. p. 266, pl. xii. figs. 1–4.—Modèle, No. 62.
- Guttulina vitrea*, Id., 1839, Foram. Cuba, p. 128, pl. ii. figs. 1–3.
- „ *communis*, Id., 1846, For. Foss. Vien., p. 224, pl. xiii. figs. 6–8.
- Globulina irregularis*, Id. Ibid. p. 226, pl. xiii. figs. 9, 10.
- Guttulina cretacea*, Alth, 1849, Haidinger's Naturw. Abhandl., vol. iii. p. 262, pl. xiii. fig. 14.
- „ *semitiplana*, Reuss, 1851, Zeitschr. d. deutsch. geol. Gesellsch., vol. iii. p. 82, pl. vi. fig. 48.
- Polymorphina (Guttulina) communis*, Egger, 1857, Neues Jahrb. für Min., &c., p. 288, pl. xiii. figs. 16–18.
- „ „ *lata*, Id. Ibid. p. 288, pl. xiii. figs. 22–24.
- Guttulina fissurata*, Stache, 1865, Novara-Exped., geol. Theil, vol. i. part 2, p. 263, pl. xxiv. fig. 10.
- „ *obliquata*, Id. Ibid. p. 264, pl. xxiv. fig. 11.
- Polymorphina semiplana*, Reuss, 1870, Sitzungsber. d. k. Akad. Wiss. Wien, vol. lxii. p. 488, No. 16.—Schlicht, 1870, Foram. Pietzpuhl, pl. xxvii. figs. 22–33, &c.
- „ *problema*, var. *communis*, Id. Ibid., p. 487, No. 15.—Schlicht, pl. xxx. figs. 13–16.
- „ *communis*, Brady, Parker, and Jones, 1870, Trans. Linn. Soc. Lond., vol. xxvii. p. 224, pl. xxxix. fig. 10, *a. b.*

D'Orbigny's Models, Nos. 61 and 62, portray what appear at first sight two tolerably well-marked varietal forms. The former, that of *Polymorphina problema*, presents about