

- Echinopora horrida* Dana, Umbgrove, 1939, *Zool. Med. Mus. Leiden*, **22**, p. 39, pl. 7, figs. 1, 2; pl. 8, figs. 1, 2.
- Echinopora horrida* Dana, Crossland, 1952, *Sci. Rep. Great Barrier Reef Exp.*, **6** (3), p. 120, pl. 4, fig. 3.
- Echinopora horrida* Dana, Nemenzo, 1959, *Nat. Appl. Sci. Bull.*, **16** (1—4), p. 118, pl. 16, fig. 2.
- Echinopora horrida* Dana, Chevalier, 1975, *Exp. Franc. Recifs Corall. Nouvelle Caledonie*, **7**, p. 95, pl. 5, figs. 1, 5.
- Echinopora horrida* Dana, Veron, Pichon & Wijsman-Best, 1977, *Aust. Inst. Mar. Sci. Monog.*, Ser. 3, p. 194, figs. 388—391, 476.
- Echinopora horrida* Dana, Wijsman-Best, 1980, *Zool. Med.*, **55** (21), p. 256, pl. 5, fig. 1.
- Echinopora horrida* Dana, Veron, 1993, Univ. Hawaii Press, p. 527, figs. 1—3.

标本采集地: 蓬勃暗沙、仁爱礁、舰长礁。

特征: 分枝状群体, 珊瑚骨骼由扭曲小枝与扁圆板枝组成。珊瑚体壁厚而完好。珊瑚杯圆形, 直径约 4mm, 隔片一般有三轮, 第 I 轮隔片突出, 宽, 与轴柱相连, 在珊瑚杯壁上隔片加厚, 边缘有 2—3 个突出小叶瓣, 叶瓣上有颗粒或小刺; 第 II 轮隔片相类似, 只是大小轮廓有差别; 第 III 轮隔片发育不全。轴柱发达, 由海绵状小梁组成。共骨上有乳突状刺花。

生活时棕褐色。

地理分布: 新加坡, 印度尼西亚, 新几内亚, 菲律宾, 大堡礁, 新喀里多尼亚, 斐济岛; 我国南沙群岛。

宝石刺孔珊瑚 *Echinopora gemmacea* (Lamarck, 1816) (图版 XXXVIII 图 3)

Explanaria gemmacea Lamarck, 1816, p. 256. (cited after Matthai)

Echinopora gemmacea Lamarck, Matthai, 1914, *Linn. Soc. London Trans.*, 2nd Ser., *Zool.*, **17**, p. 54, pl. 14, fig. 9; pl. 15, figs. 5, 6; pl. 16, figs. 5, 7, 8; pl. 17, figs. 2, 3; pl. 37, fig. 5.

Echinopora gemmacea Lamarck, Thiel, 1932, *Mem. Mus. Roy. d'Hist. Nat. Belg.*, hors Ser. **2** (12), p. 42, pl. 4, fig. 3.

Echinopora gemmacea Lamarck, Ma, 1959, *Oceanog. Sinica*, Special 1, p. 63, pl. 264, figs. 1a—1b.

Echinopora gemmacea Lamarck, Chevalier, 1975, *Exp. Franc. Recifs Corall. Nouvelle Caledonie*, **7**, p. 81, pl. 4, figs. 1—7; pl. 6, fig. 2.

Echinopora gemmacea Lamarck, Veron, Pichon & Wijsman-Best, 1977, *Aust. Inst. Mar. Sci. Monog.*, Ser. 3, p. 187, figs. 375—382.

Echinopora gemmacea (Lamarck), Wijsman-Best, 1980, *Zool. Med.*, **55** (21), p. 253, pl. 4, figs. 1, 2.

Echinopora gemmacea (Lamarck), Scheer & Pillai, 1983, *Zoologica*, **133**, p. 136, pl. 32, figs. 6—9; pl. 33, fig. 1.

Echinopora gemmacea (Lamarck), Veron, 1993, Univ. Hawaii Press, p. 530, figs. 1, 2.

标本采集地: 羚羊礁、华光礁、美济礁、舰长礁。

特征: 珊瑚骸薄板状, 珊瑚体两面分布。珊瑚杯大、直径 4—5mm, 或稍椭圆, 呈圆锥形。隔片三轮, 第 I 轮隔片突出、厚, 向中心处变薄; 第 II 轮隔片比第 I 轮隔片稍薄, 第 I、第 II 轮隔片都与轴柱相连。隔片边缘有向上翘的叶瓣。在珊瑚杯上隔片突出。第 III 隔片发育不全。隔片两侧有刺, 或齿。轴柱发育好、海绵状。珊瑚肋上有刺花。共骨上众多的刺花。

生活时为棕色或褐棕带绿色。

地理分布: 红海, 东非, 塞舌尔, 马达加斯加, 印度尼西亚, 新喀里多尼亚, 大堡礁; 我国西沙群岛和南沙群岛。

注释: Veron, Pichon 和 Wijsman-Best (1977, p. 187) 与 Scheer 和 Pillai (1983, p. 136) 认为 *Stephanocora hemprichii* Ehrenberg, *Echinopora rousseaui* Milne-Edwards & Haime, *Echinopora solidior* Milne-Edwards & Haime, *Echinopora ehrenbergi* Milne-Edwards & Haime, *Orbicella mammillosa* Klunzinger, *Echinopora fruticulosa* Klunzinger, *Echinopora concamerata* Klunzinger 和 *Echinopora carduus* Klunzinger 是本种的同物异名。

薄片刺孔珊瑚 *Echinopora lamellosa* (Esper, 1791) (图版 XXXVIII 图 1、2)

Madrepora lamellosa Esper, 1791, L7, T. 58, figs. 1—2. (cited after Scheer)

Madrepora lamellosa Esper, Scheer, 1991, *Senckeng. Biol.*, **71** (4/6), p. 398.

Madrepora lamellosa (Esper), Matthai, 1914, *Linn. Soc. London Trans., 2nd Ser., Zool.*, **17**, p. 50, pl. 8, fig. 6; pl. 14, figs. 2—6; pl. 15, fig. 1; pl. 16, fig. 6.

Madrepora lamellosa (Esper), Vaughan, 1918, *Dept. Mar. Biol. Pub. Carnegie Inst. Wash.*, **9**, p. 97, pl. 32, figs. 1—3.

Echinopora lamellosa (Esper), Matthai, 1924, *Mem. Ind. Mus. Calcutta*, **8**, p. 8.

Echinopora lamellosa (Esper), Faustino, 1927, *Bur. Sci. Monog. Manila*, **22**, p. 132, pl. 21, fig. 4.

Echinopora lamellosa (Esper), Thiel, 1932, *Mem. Mus. Roy. d'Hist. Nat. Belg., hors Ser. 2* (12), p. 40, pl. 3, fig. 1.

Echinopora lamellosa (Esper), Yabe, Sugiyama & Eguchi, 1936, *Sci. Rep. Tohoku Imp. Univ.*, **2nd Ser. (Geol.)**, Special 1, p. 48, pl. 58, fig. 1.

Echinopora lamellosa (Esper), Ma, 1937, *Mem. Nat. Inst. Acad. Sinica Zool.*, **1**, p. 119, pl. 11, figs. 3, 4.