

标本采集地：三亚鹿回头。

特征：珊瑚骨骼状，表面有不等高度的不规则突起。非珊瑚杯表面的小丘为“ Δ ”形，刚形成的小丘为圆锥形，谷连续，起伏。小丘的主要隔片数目不定，且不与次要隔片相间排列，隔片呈直角梯形，底部稍有弧度，边缘粗糙，两侧有稀疏的小刺，与轴柱相连的隔片基部变厚，而且带有大刺。轴柱连续。

生活时为黄色。

地理分布：红海，亚丁湾，斯里兰卡，新加坡，印度尼西亚，汤加塔布岛，富纳富堤岛，托雷斯海峡，阿尔达布拉群岛，日本沿岸；我国海南岛。

注释：Veron (1990, p. 141) 认为 *Hydnophora bonsai* 相似腐蚀刺柄珊瑚 *H. exesa* 的生长型，而是有相当钝（矮小）的分枝，可以认为是个地理亚种。从作者在海南岛采集的标本以及 Searle (1956, pl. 28A.) 的图片与 Matthai (1928) 的描述与图片相比较，作者认为本种应该是个有效种，而 *Hydnophora bonsai* Veron 倒应该是本种的次同物异名了。

小角刺柄珊瑚 *Hydnophora microconos* (Lamarck, 1816) (图版 XXXII 图 2)

Monticularia microconos Lamarck, 1816, p. 251. (cited after Matthai)

Hydnophora microconos (Lamarck), Quelch, 1886, *Rep. Sci. Res. Voyage H. M. S. Challenger Zool.*, **16** (46), p. 95.

Hydnophora microconos (Lamarck), Duncan, 1886, *Linn. Soc. London J. Zool.*, **21**, p. 9.

Hydnophora microconos (Lamarck), Gardiner, 1899, *Proc. Zool. Soc. London*, p. 744.

Hydnophora microconos (Lamarck), Gardiner, 1904, *Fauna Geog. Mald. Lac. Arch.*, **2**, p. 765.

Hydnophora microconos (Lamarck), Vaughan, 1918, *Dept. Mar. Biol. Pub. Carnegie Inst. Wash.*, **9**, p. 122, pl. 47, figs. 3, 3a.

Hydnophora microconos (Lamarck), Matthai, 1924, *Mem. Ind. Mus. Calcutta*, **8**, p. 27.

Hydnophora microconos (Lamarck), Hoffmeister, 1925, *Dept. Mar. Biol. Pub. Carnegie Inst. Wash.*, **22** (343), p. 30.

Hydnophora microconos (Lamarck), Faustino, 1927, *Bur. Sci. Monog. Manila*, **22**, p. 150.

Hydnophora microconos (Lamarck), Matthai, 1928, *Brit. Mus. (Nat. Hist.) Cat. Madre. Corals*, **7**, p. 144, pl. 2, figs. 8, 9; pl. 16, figs. 5—9; pl. 17, figs. 1, 2, 4—6; pl. 49, fig. 5.

Hydnophora microconos (Lamarck), Yabe, Sugiyama & Eguchi, 1936, *Sci. Rep. Tohoku Imp. Univ.*, 2nd ser. (Geol.), Special 1, p. 40, pl. 32, fig. 5.

Hydnophora microconos (Lamarck), Ma, 1937, *Mem. Nat. Inst. Acad. Sinica Zool.*, **1**, p. 101, pl. 22, figs. 3—5.

Hydnophora microconos (Lamarck), Eguchi, 1938, *Palao Trop. Biol. Stat. Studies*, **1** (3), p. 351.

Hydnophora microconos (Lamarck), Umbgrove, 1939, *Zool. Med. Mus. Leiden*, **22**, p. 22, pl.

34.

Hydnophora microconos (Lamarck), Umbgrove, 1940, *Zool. Med. Mus. Leiden*, **22**, p. 284.

Hydnophora microconos (Lamarck), Crossland, 1952, *Sci. Rep. Great Barrier Reef Exp.*, **6** (3), p. 151.

Hydnophora microconos (Lamarck), Wells, 1954, *U. S. Geol. Sur. Prof., Paper 260 - I*, p. 462.

Hydnophora microconos (Lamarck), Nemenzo, 1959, *Nat. Appl. Sci. Bull.*, **16** (1—4), p. 104, pl. 11, fig. 2.

Hydnophora microconos (Lamarck), Ma, 1959, *Oceanog. Sinica*, Special 1, p. 57, pl. 243, fig. 3.

Hydnophora microconos (Lamarck), Wijsman-Best, 1972, *Bijd. Dierk*, **42** (1), p. 53, pl. 12, fig. 3.

Hydnophora microconos (Lamarck), Scheer & Pillai, 1974, *Zoologica*, **122**, p. 52.

Hydnophora microconos (Lamarck), 邹仁林等, 1975, 科学出版社, p. 49, pl. 1, fig. 7.

Hydnophora microconos (Lamarck), Chevalier, 1975, *Exp. Franc. Recifs Corall. Nouvelle Calédonie*, **7**, p. 167, pl. 16, fig. 1; pl. 40, figs. 9, 12; pl. 41, fig. 10.

Hydnophora microconos (Lamarck), Wijsman-Best, 1976, *Zool. Med. Leiden*, **50** (4), p. 58, pl. 8, fig. 2.

Hydnophora microconos (Lamarck), Pillai & Scheer, 1976, *Zoologica*, **126**, p. 61.

Hydnophora microconos (Lamarck), Veron, Pichon & Wijsman-Best, 1977, *Aust. Inst. Mar. Sci. Monog., Ser. 3*, p. 135, figs. 255—256.

Hydnophora microconos (Lamarck), Scheer & Pillai, 1983, *Zoologica*, **133**, p. 128, pl. 31, figs. 2, 3.

Hydnophora microconos (Lamarck), 邹仁林, 1978, 科学出版社, p. 98.

Hydnophora microconos (Lamarck), Scheer & Pillai, 1983, *Zoologica*, **133**, p. 128, pl. 31, figs. 2, 3.

Hydnophora microconos (Lamarck), Pillai, 1986, *Rec. Adv. Mar. Biol.*, p. 171.

Hydnophora microconos (Lamarck), Best & Suharsono, 1991, *Zool. Med. Leiden*, **65**, p. 336, figs. 4, 4a.

Hydnophora microconos (Lamarck), Veron, 1993, Univ. Hawaii Press, p. 433, figs. 1, 2.

标本采集地: 三亚鹿回头、西瑁岛、大东海、白排、陵水新村港、南湾角、琼海沙茗、新盈邻昌、珊瑚岛、甘泉岛、全富岛、羚羊礁、华光礁、永兴岛、仁爱礁。

特征: 珊瑚骨骼块状, 无不规则突起, 非珊瑚杯表面一致, 其圆锥形小丘高度相等, 相距一致, 小丘上呈辐射排列的主要隔 6—10 个, 长三角形, 边缘有齿, 两侧有颗粒。主要隔片与次要隔片相同排列, 基部与轴柱相连, 轴柱不连续, 为不规则柱形或板状。

生活时为深咖啡色, 顶端色淡或黄褐色。

地理分布: 从红海到太平洋均有分布, 是广布种; 我国台湾、海南岛、中沙、东

沙、西沙和南沙群岛都有分布。

裸肋珊瑚属 *Merulina* Ehrenberg, 1834

模式种: *Madrepora ampliata* Ellis & Solander, 1786。

属特征: 珊瑚骨骼平展板状, 薄, 经常有矮丘状或不规则分枝。谷和脊膝直而不变曲, 或分叉。隔片连续越过脊膝, 隔片边缘有粗齿。

裸肋珊瑚属已知种的检索表

- 1 (2) 珊瑚骨骼多褶叶状 阔裸肋珊瑚 *Merulina ampliata*
 2 (1) 珊瑚骨骼丛状分枝, 分枝短 粗裸肋珊瑚 *Merulina scabricula*

阔裸肋珊瑚 *Merulina ampliata* (Ellis & Solander, 1786) (图版XXXIII 图1)

Madrepora ampliata Ellis & Solander, 1786, p. 157, pl. 41, figs. 1, 2. (cited after Matthai)

Merulina ampliata (Ellis & Solander), Duncan, 1886, *Linn. Soc. London, J. Zool.*, **21**, p. 14.

Merulina ampliata (Ellis & Solander), Gardiner, 1904, *Fauna Geog. Mald. Lac. Arch.*, **2**, p. 789, pl. 64, figs. 47, 48.

Merulina ampliata (Ellis & Solander), Vaughan, 1918, *Dept. Mar. Biol. Pub. Carnegie Inst. Wash.*, **9**, p. 127, pl. 52, figs. 1, 1a—1b.

Merulina ampliata (Ellis & Solander), van der Horst, 1921, *Res. Siboga Exp. Zool.*, **16B**, **90**, p. 38.

Merulina ampliata (Ellis & Solander), Matthai, 1924, *Mem. Ind. Mus. Calcutta*, **8**, p. 28, pl. 5, fig. 5.

Merulina ampliata (Ellis & Solander), Faustino, 1927, *Bur. Sci. Monog. Manila*, **22**, p. 164, pl. 44, fig. 2.

Merulina ampliata (Ellis & Solander), Matthai, 1928, *Brit. Mus. (Nat. Hist.) Cat. Madre. Corals*, **7**, p. 127, pl. 1, figs. 4—6; pl. 13, figs. 1—8; pl. 59, figs. 1—4; pl. 67, fig. 3.

Merulina ampliata (Ellis & Solander), Thiel, 1932, *Mem. Mus. Roy. d'Hist. Nat. Belg. hors Ser.* **2** (12), p. 58, pl. 7, figs. 1—3.

Merulina ampliata (Ellis & Solander), Yabe, Sugiyama & Eguchi, 1936, *Sci. Rep. Tohoku Imp. Univ.*, **2nd Ser. (Geol.)**, Special 1, p. 41, pl. 29, fig. 3; pl. 51, fig. 6.

Merulina ampliata (Ellis & Solander), Ma, 1937, *Mem. Nat. Inst. Acad. Sinica Zool.*, **1**, p. 104, pl. 26, figs. 1, 2; pl. 27, figs. 1, 2.

Merulina ampliata (Ellis & Solander), Eguchi, 1938, *Palao Trop. Biol. Stat. Studies*, **1** (3), p. 352.

Merulina ampliata (Ellis & Solander), Umbgrove, 1939, *Zool. Med. Mus. Leiden*, **22**, p. 35.