

Favites pentagona (Esper), Umbgrove, 1939, *Zool. Med. Mus. Leiden*, **22**, p. 29, pl. 3, figs. 1, 2.

Favites pentagona (Esper), Ma, 1959, *Oceanog. Sinica*, Special **1**, p. 46, pl. 257, fig. 1; pl. 280, fig. 6.

Favites pentagona (Esper), Utinomi, 1971, *Pub. Seto Mar. Biol. Lab.*, **19** (4), p. 213.

Favites pentagona (Esper), Chevalier, 1971, *Exp. Franc. Recifs Corall. Nouvelle Calédonie*, **5**, p. 215, pl. 21, figs. 6, 7; pl. 23, fig. 7; pl. 25, fig. 3.

Favites pentagona (Esper), Wijsman-Best, 1972, *Bijdr. Dierk.*, **42** (1), p. 27, pl. 5, figs. 1, 2.

Favites pentagona (Esper), 邹仁林等, 1975, 科学出版社, p. 41.

Favites pentagona (Esper), Wijsman-Best, 1976, *Zool. Med.*, **50** (4), p. 47, pl. 1, figs. 1, 2.

Favites pentagona (Esper), Veron, Pichon & Wijman-Best, 1977, *Aust. Inst. Mar. Sci. Monog.*, Ser. **3**, p. 68, figs. 122—127, 439—441.

Favites pentagona (Esper), Veron, 1982, *Proc. 1st Internat. Mar. Biol. Workshop*, **1**, p. 119.

Favites pentagona (Esper), Scheer & Pillai, 1983, *Zoologica*, **133**, p. 118, pl. 29, fig. 4.

Favites pentagona (Esper), Scott, 1984, Hong Kong Univ. Press, p. 69, pl. 26A—B.

Favites pentagona (Esper), Pillai, 1986, *Rec. Adv. Mar. Biol.*, p. 167.

Favites pentagona (Esper), Veron, 1993, Univ. Hawaii Press, p. 475, figs. 1—3.

标本采集地: 三亚鹿回头、西瑁岛、陵水新村港、硃洲岛、澳头港、香港水域。

特征: 珊瑚骨骼为不规则瘤状。珊瑚杯呈不等边长的四、五、六边形，以五边形为主。杯间壁薄（0.5mm左右，稍厚的达1mm），在瘤状突出处珊瑚杯呈喇叭形。隔片24—30个，其中13—17个与轴柱相边，隔片狭，两侧有颗粒，边缘有不规则齿。与轴柱相连的隔片有向上翘的长齿，形成假围栅。轴柱有小梁组成。

生活时为绿色，或土黄色，口道为绿色。

地理分布: 红海，索马里沿岸，马尔代夫，拉克沙群岛，斯里兰卡，新加坡，印度尼西亚，波纳佩岛，加罗林群岛，澳大利亚，新喀里多尼亚，日本；我国台湾、东沙群岛、海南和广东沿岸。

注释: Wijsman-Best (1972) 与 Veron, Pichon 和 Wijsman-Best (1977) 认为 *Astraea deformis* Lamarck, *Aphrastraea deformis* Milne-Edwards & Haime, *Prinastraea gibbosissima* Milne-Edwards & Haime, *Goniastrea rudis* Milne-Edwards & Haime, *Plesiastrea haeckeli* Brueggemann, *Favia adduensis* Gardiner, *Stephanocoenia maldivensis* Gardiner, *Favites parvicella* Nemenzo, *Favites gailei* Chevalier 是本种的同物异名。

海孔角蜂巢珊瑚 *Favites halicora* (Ehrenberg, 1834) (图版XXXV 图3)

Astraea halicora Ehrenberg, 1834, p. 97. (cited after Vaughan)

Favites halicora (Ehrenberg), Matthai, 1914, *Linn. Soc. London Trans.*, 2nd Ser., *Zool.*, **17**, p.

106, pl. 26, figs. 3, 5—7.

Favites halicora (Ehrenberg), Matthai, 1924, *Mem. Ind. Mus. Calcutta*, **8**, p. 17, pl. 1, figs. 4, 6.

Favites halicora (Ehrenberg), Vaughan, 1918, *Dept. Mar. Biol. Pub. Carnegie Inst. Wash.*, **9**, p. 110, pl. 41, figs. 1—3.

Favites halicora (Ehrenberg), Hoffmeister, 1925, *Dept. Mar. Biol. Pub. Carnegie Inst. Wash.*, **22** (343), p. 25.

Favites halicora (Ehrenberg), Faustino, 1927, *Bur. Sci. Monog. Manila*, **22**, p. 136, pl. 29, fig. 3.

Favites halicora (Ehrenberg), Ma, 1937, *Mem. Nat. Inst. Acad. Sinica Zool.*, **1**, p. 76, pl. 12, figs. 2, 3.

Favites halicora (Ehrenberg), Umbgrove, 1939, *Zool. Med. Mus. Leiden*, **22**, p. 280, pl. 24, figs. 6—8.

Favites halicora (Ehrenberg), Crossland, 1952, *Sci. Rep. Great Barrier Reef Exp.*, **6** (3), p. 128.

Favites halicora (Ehrenberg), Nemenzo, 1959, *Nat. Appl. Sci. Bull.*, **16** (1—4), p. 96.

Favites halicora (Ehrenberg), Ma, 1959, *Oceanog. Sinica*, Special **1**, p. 47, pl. 229, fig. 2.

Favites halicora (Ehrenberg), Chevalier, 1971, *Exp. Franc. Recifs Corall. Nouvelle Calédonie*, **5**, p. 197, pl. 20, figs. 4, 5; pl. 21, figs. 1, 3; pl. 22, fig. 4; pl. 23, figs. 5, 6; pl. 25, figs. 1, 2; pl. 28, fig. 1.

Favites halicora (Ehrenberg), Scheer & Pillai, 1974, *Zoologica*, **122**, p. 49.

Favites halicora (Ehrenberg), Pillai & Scheer, 1976, *Zoologica*, **126**, p. 57.

Favites halicora (Ehrenberg), Veron, Pichon & Wijman-Best, 1977, *Aust. Inst. Mar. Sci. Monog.*, Ser. **3**, p. 59, figs. 97—101, 434.

Favites halicora (Ehrenberg), 邹仁林, 1978, 科学出版社, p. 96, pl. 6, figs. 5, 6.

Favites halicora (Ehrenberg), Scheer & Pillai, 1983, *Zoologica*, **133**, p. 116, pl. 29, figs. 1, 2.

Favites halicora (Ehrenberg), Pillai, 1986, *Rec. Adv. Mar. Biol.*, p. 166.

Favites halicora (Ehrenberg), Veron, 1993, Univ. Hawaii Press, p. 471, figs. 1—3.

标本采集地: 甘泉岛、金银岛、全富岛、晋卿岛、羚羊礁、华光礁、中建岛、盘石屿、永兴岛、西沙洲、赵述岛、北岛、东岛、北礁。

特征: 珊瑚骨骼为多角形块状。珊瑚杯圆、椭圆或多边形, 直径 7—15mm。隔片等大, 只有芽生不久的珊瑚杯中第Ⅱ或第Ⅲ轮隔片变小, 边缘有规则齿, 在隔片下端的隔片边缘齿变大, 成一到几个假围栅瓣。轴柱由紧密小梁形成。该种可以内外触手芽生, 使群体的珊瑚杯形状、大小不一, 而成熟的珊瑚杯呈圆形, 杯壁厚。

生活时为灰褐色。

地理分布: 红海, 马尔代夫, 斯里兰卡, 丹老群落, 安达曼群岛, 米尼科伊, 新加

坡, 菲律宾, 所罗门群岛, 芬宁岛, 新喀里多尼亚, 大堡礁, 日本冲绳岛、九州; 我国东沙群岛、西沙群岛。

注释: Veron, Pichon 和 Wijsman-Best (1977) 指出: “本种的模式标本已遗失, 而 Wijsman-Best (1972) 误定本种为 *Favites chinensis* Verrill, 现得知 *Favites chinensis* Verrill 是 *Favites acuticollis* (Ortmann) 的首异名 (senior synonym)。” Scheer 和 Pillai (1983) 亦在本种的同物异名录中列出 “? *chinensis*”, 但他们不同意 Veron, Pichon 和 Wijsman-Best 的意见, 认为 (p. 118) *Favites chinensis* Verrill 与 *Favites acuticollis* (Ortmann) 不同。由于 *Favites chinensis* Verrill 的模式标本产于香港, 作者与 Veron (1982)、Scott (1984) 等在香港水域都没有报道过, 故只能作为悬案, 有待以后解决!

多弯角蜂巢珊瑚 *Favites flexuosa* (Dana, 1846) (图版XXXV 图4、5)

Astraea flexuosa Dana, 1846, p. 227. (cited after Wijsman-Best)

Favites flexuosa (Dana), Yabe, Sugiyama & Eguchi, 1936, *Sci. Rep. Tohoku Imp. Univ.*, 2nd Ser. (Geol), Special 1, p. 32, pl. 20, fig. 1.

Favites flexuosa (Dana), Ma, 1937, *Mem. Nat. Inst. Acad. Sinica Zool.*, 1, p. 76, pl. 10, fig. 5.

Favites flexuosa (Dana), Umbgrove, 1939, *Zool. Med. Mus. Leiden*, 22, p. 29.

Favites flexuosa (Dana), Wells, 1954, *U. S. Geol. Sur. Prof.*, Paper 260 - I, p. 459, pl. 17, figs. 1, 2.

Favites flexuosa (Dana), Nemenzo, 1959, *Nat. Appl. Sci. Bull.*, 16 (1-4), p. 95.

Favites flexuosa (Dana), Ma, 1959, *Oceanog. Sinica*, Special 1, p. 46, pl. 206, fig. 1; pl. 280, fig. 3.

Favites (?) *flexuosa* (Dana), Chevalier, 1971, *Exp. Franc. Recifs Corall. Nouvelle Calédonie*, 5, p. 219, pl. 21, figs. 4, 5; pl. 22, figs. 2, 5, 6; pl. 23, fig. 9; pl. 26; pl. 27, fig. 1.

Favites flexuosa (Dana), Wijsman-Best, 1972, *Bijdr. Dierk.*, 42 (1), p. 36, pl. 8, figs. 1, 2.

Favites flexuosa (Dana), Wijsman-Best, 1976, *Zool. Med.*, 50 (4), p. 50, pl. 2, fig. 4.

Favites flexuosa (Dana), Veron, Pichon & Wijman-Best, 1977, *Aust. Inst. Mar. Sci. Monog.*, Ser. 3, p. 61, figs. 102-109, 435.

Favites flexuosa (Dana), Veron, 1982, *Proc. 1st Internat. Mar. Biol. Workshop*, 1, p. 118.

Favites flexuosa (Dana), Scheer & Pillai, 1983, *Zoologica*, 133, p. 116, pl. 28, fig. 8.

Favites flexuosa (Dana), Scott, 1984, Hong Kong Univ. Press, p. 70, pl. 27A-B.

Favites flexuosa (Dana), Veron, 1993, Univ. Hawaii Press, p. 472, figs. 1-3.

标本采集地: 全富岛、华光礁、永兴岛、香港水域。

特征: 珊瑚骨骼多角形块状。群体圆, 表面无瘤状凸起。珊瑚杯圆形或芽生后成椭圆形, 杯径 12—20mm, 隔片 48—72 个, 第 I、第 II 轮隔片边缘多齿, 齿尖而大, 在杯