

点, 是否是块状珊瑚的生态型与栖息地有一定的相关关系? Wijsman-Best (1972, p. 32) 推测本种的模式标本来自隐蔽的深处形成的生态型, 是一个融合形群体 (plocoid colony), 导致 Yabe 和 Sugiyama 把本种放入蜂巢珊瑚属 *Favia*。他又认为: “深水生态型一般有大而浅的珊瑚体, 珊瑚体彼此之间相距较大, 有了一个显眼的群体结构。” “因外触手芽在边缘生殖, 融合形的生态型结构实际是多角形 (cerioid)”, 于是, Wijsman-Best 把本种列入角蜂巢珊瑚属 *Favites* 了。Chevalier (1971, p. 270) 列出 *Goniastrea* (?) cf *palauensis* (Yabe, Sugiyama & Eguchi, 1936) 的形式代表本种, Veron, Pichon 和 Wijsman-Best (1977, p. 95) 干脆列出 *Goniastrea palauensis* (Yabe, Sugiyama & Eguchi) 代表本种, 亦从暴露生境区与保护生境区来阐述本种的生态型结构。作者认为都没有能很好解释清楚, 相反暴露生境区 (Veron, Pichon & Wijsman-Best) 的 fig. 186 倒与 Yabe 和 Sugiyama (1936, pl. 19, figs. 5, 6) 的模式标本较为相似。作者观察本种的生殖方式系内触手芽生殖, 与 Yabe 和 Sugiyama 的记载相同, 有几乎相等的分裂生殖, 加上融合型, 珊瑚体之间有槽, 应该属于蜂巢珊瑚属 *Favia*。再作者等采集到的标本明显与模式标本相似, 而与 Chevalier (1971), Wijsman-Best (1972), Veron, Pichon 和 Wijsman-Best (1977) 及 Veron (1993) 的描述的图有较大的出入。所以不列在本种的同物异名录内, 有待今后解决。

标准蜂巢珊瑚 *Favia speciosa* (Dana, 1846) (图版 XXXIV 图 4)

Astraea speciosa Dana, 1846, p. 220, pl. 11, figs. 1, 1a—1d. (cited after Vaughan)

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Favia speciosa (Dana), Yabe, Sugiyama & Eguchi, 1936, *Sci. Rep. Tohoku Imp. Univ.*, 2nd ser. (Geol), Special **1**, p. 28, pl. 20, fig 7; pl. 23, fig. 1.

Favia speciosa (Dana), Ma, 1937, *Mem. Nat. Inst. Acad. Sinica Zool.*, **1**, p. 58, pl. 4, fig. 5; pl. 5, figs. 1—7.

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Favia speciosa (Dana), Wells, 1954, *U. S. Geol. Sur. Prof., Paper 260 - I*, p. 457, pl. 174, fig. 2.

Favia speciosa (Dana), Nemenzo, 1959, *Nat. Appl. Sci. Bull.*, **16** (1—4), p. 87, pl. 4, fig. 1.

Favia speciosa (Dana), Ma, 1959, *Oceanog. Sinica*, Special **1**, p. 37, pl. 2, fig. 3; pl. 3, fig. 1; pl. 4, figs. 1—4; pl. 102, figs. 1—6; pl. 263, pl. 270, figs. 1, 5a—b.

- Favia speciosa* (Dana), Rosen, 1968, *Bull. Brit. Mus. (Nat. Hist.) Zool.*, **16** (8), pl. 346, pl. 7, figs. 1, 2.
- Favia speciosa* (Dana), Chevalier, 1971, *Exp. Franc. Recifs Corall. Nouvelle Caledonie*, **5**, p. 117; pl. 10, figs. 5, 8; pl. 11, figs. 1, 3, 4, 6; pl. 12, fig. 3; pl. 13, figs. 1—3; pl. 14, fig. 4; pl. 15, figs. 1, 2; pl. 17, fig. 8; pl. 18, fig. 1; pl. 38, figs. 4, 5.
- Favia speciosa* (Dana), Wijsman-Best, 1972, *Bijdragen. Dierkunde*, **42** (1), p. 16, pl. 1, figs. 1, 2, 3, 4.
- Favia speciosa* (Dana), Wijsman-Best, 1974, *Zool. Med.*, **48** (22), p. 253, pl. 1, fig. 3.
- Favia speciosa* (Dana), Scheer & Pillai, 1974, *Zoologica*, **122**, p. 47, pl. 21, fig. 2; pl. 22, figs. 1, 2.
- Favia speciosa* (Dana), 邹仁林, 1975, 科学出版社, p. 39, pl. 9, fig. 6.
- Favia speciosa* (Dana), Veron, Pichon & Wijman-Best, 1977, *Aust. Inst. Mar. Sci. Monog.*, Ser. **3**, p. 36, fig. 45.
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- Favia speciosa* (Dana), Wang & Zou, 1992, *Proc. 4th Internat. Mar. Biol. Workshop*, **2**, p. 886, pl. 1, figs. C—H.
- Favia speciosa* (Dana), Veron, 1993, Univ. Hawaii Press, p. 457, figs. 1—4.

标本采集地：三亚鹿回头、陵水新村港、万宁大洲岛、琼海沙荖、文昌抱虎角、新盈邻昌、安全港、涠洲岛、碇洲岛、澳头港、香港水域、珊瑚岛、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、北礁、东岛、蓬勃暗沙、仙宾礁、牛车轮礁、仁爱礁、美济礁、仙娥礁、信义礁、海口礁、舰长礁、半月礁。

特征：珊瑚骼融合块状。珊瑚杯不规则多边形，或略圆形，漏斗状，壁厚，隔片密。大杯中有60个隔片， $1/2$ 与轴柱相连，杯深9mm左右，杯直径10—14mm，多边形的长径10—18mm，短径8—14mm。珊瑚杯壁薄，杯间的槽清晰。隔片与珊瑚肋边缘有细刻齿，规则。隔片在杯底加宽，不形成围栅瓣。轴柱小海绵状。

生活时口道绿色，其余均为黄色。

地理分布：从红海、东非向东到社会群岛、土阿莫土群岛，向北到日本的四国、九州；我国台湾、东沙、西沙、南沙群岛及海南岛都有分布；是印度—太平洋区广布种。

注释：Scheer 和 Pillai (1983) 认为 *Favia cavernosa* Klunzinger, *Favia clouei* Maitthai, *Favia okeni* Milne-Edwards & Haime, *Favia tubulifera* Klunzinger 和

Madrepora uva Esper 是本种的同物异名。此外, Chevalier (1971) 认为 *Astraea pandanus* Dana, *Astraea puteolina* Dana, 和 *Astraea fragilis* Dana 亦是本种的同物异名。

黄癣蜂巢珊瑚 *Favia favius* (Forsk., 1775)

Madrepora favius Forkal, 1775, p. 132. (cited after Matthai)

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Favia favius (Forsk.), Faustino, 1927, *Bur. Sci. Monog. Manila*, **22**, p. 129, pl. 24, figs. 1—3.

Favia favius (Forsk.), Ma, 1937, *Mem. Nat. Inst. Acad. Sinica Zool.*, **1**, p. 68, pl. 28, fig. 6.

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Favia favius (Forsk.), Nemenzo, 1959, *Nat. Appl. Sci. Bull.*, **16** (1—4), p. 86.

Favia favius (Forsk.), Ma, 1959, *Oceanog. Sinica*, Special **1**, p. 41, pl. 261, figs. 1a—b, 2a—b; pl. 262, figs. 1, 1a; pl. 271, fig. 2.

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