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《菌物学报》(英文刊名Mycosystema)的前身为《真菌学报》,1982年创刊,是中国科学院主管的我国自然科学核心期刊,第四届中国精品科技期刊,曾五次被评为“中国具国际影响力优秀学术期刊”,主要刊登我国菌物学(包括真菌、粘菌、卵菌)研究领域在理论和实践上的最新研究成果。报道内容包括菌物多样性、系统分类学、起源与进化、菌物区系地理学、生态学、遗传学、生理学、生物化学、濒危菌物物种保护生物学以及食药用真菌、有毒真菌、真菌毒素、人类病原真菌、植物病原真菌、兽医真菌、互惠共生菌物等方面的研究论文、简报和综述。《菌物学报》在CNKI《中国学术期刊影响因子年报(2020)》中位于生物类Q1区,影响因子2.051;在《世界期刊影响力指数(WJCI)报告(2020年科技版)》中世界影响因子1.244。



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封面故事

小孢盘菌

属 子囊菌门
盘菌纲
盘菌目
火丝菌科

小孢盘菌属 *Acervus* Kanouse 是盘菌目火丝菌科的成员。该属主要特征是子囊盘幼时杯状，成熟后近盘状，多为黄色至橙色，子囊孢子平滑无色，生于地上或腐殖质上。该属子囊盘发育独特。本照片显示了小孢盘菌 *A. epispartius* (Berk. & Broome) Pfister 不同发育阶段的个体，最早的原基近球形，顶部近扁平，具有环状凹陷，随子囊盘生长，凹陷处与周边的子囊盘边缘逐渐脱离，顶部最终成为“帽舌状”小盖，帽舌状小盖或残留于子囊盘边缘或脱落于子囊盘中。这种发育类型在盘菌中其他类群罕见报道。

摄影/杨祝良 研究员

中国科学院昆明植物研究所

2020年8月29日摄于昆明植物园



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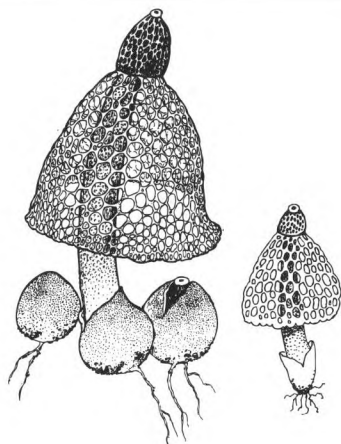
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Acervus epispartius (Berk. & Broome) Pfister

Ascomycota
 Pezizomycetes
 Pezizales
 Pyronemataceae

Acervus Kanouse is a genus in Pyronemataceae within Pezizales. This genus is characterized by cupulate to discoid, yellow to orange apothecia with smooth colorless ascospores. They are saprobic on soil or on plant debris. The apothecial development in this genus is unique. This photograph shows several apothecia of *A. epispartius* (Berk. & Broome) Pfister at various stages of development. The earliest primordia are globular and top-flattened with an indented ring-like structure. With the expansion of apothecium, the indented ring separates from the surrounding material and a "flap-like" tissue is torn out. The "flap-like" covering attaches to the edge of the apothecium or falls off. This type of development has rarely been observed elsewhere in the Pezizales.

Photo by Prof. YANG Zhu-Liang, Kunming Institute of Botany, Chinese Academy of Sciences

Taken from Kunming Botanical Garden, Yunnan Province, China, 29 August 2020.

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