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A second record of *Phaeocollybia megalospora* var. *tetraspora* Singer, 1987 (Agaricales: Hymenogastraceae) from Brazil

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Members of the brown-spored genus *Phaeocollybia* R. Heim occur in temperate, tropical and subtropical regions and are easily recognized by the conic-campanulate pileus, normally viscid, and by the presence of the well-developed pseudorhiza. Six taxa (*P. brasiliensis* I.J. Araújo ex Singer, *P. elaeophylla* Singer, *P. flava* I.J. Araújo ex Singer, *P. megalospora* I.J. Araújo ex Singer, *P. megalospora* var. *tetraspora* Singer and *P. nigripes* Wartchow & Coimbra) are known from Brazil, all from Amazonas State except for *P. nigripes*, which was described from Pernambuco State. In Brazil, this genus is not commonly collected in the field, so few collections are present in herbaria; here we report the second collection of *P. megalospora* var. *tetraspora* (the first record for Pará State) and provide illustrations and a more complete description than that originally provided by the species's author. We generated ITS and nLSU sequences for comparison with sequences from other *Phaeocollybia* species and deposited these sequences into GenBank and the material in Herbarium SP. Based on the presence of clamp connections and absence of capitate cheilocystidia, *P. megalospora* var. *tetraspora* belongs to sect. *Subattenuatae* Singer, which comprises predominately tropical and subtropical species. The material analyzed agrees with the original description of the species in basidiospore dimensions and sterigma number, the main diagnostic features for the variety. *Phaeocollybia megalospora* var. *megalospora* has larger basidiospores, and primarily 2-spored basidia, with only a few 4-spored basidia present. Both varieties were described from Amazonas State and probably are widely distributed throughout the Amazon biome, which is in need of more species surveys and taxonomic studies.

Key words: Amazonian Forest, biodiversity, new record.

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