



Conidiophores, conidia, and base of conidiophore, from DAOM 43975b. Scales = 10μ .

Spadicoides grovei Ellis, Mycol. Papers 93: 12. 1963.

COLONIES black, extensive. MYCELIUM immersed or semi-immersed, composed of branched, septate, pale brown to brown hyphae, $1.8-6.3\mu$ wide. CONIDIOPHORES scattered or crowded, arising singly or in tufts of up to four, simple, $100-370\mu$ long, straight or curved, subulate, $6.3-8.5\mu$ wide below, tapering to $3.5-4.0\mu$ wide toward the apex, thick-walled, brown to dark brown to almost black at the base, paler at the apex: conidiophore cells are $10-36\mu$ long and the apical one may be somewhat swollen and bears a flat terminal conidium scar. The upper fifth to one quarter of the conidiophore is conidiogenous, the place of attachment of fallen lateral conidia being indicated by pores. Up to five pores may be found in each of the upper four, rarely five, cells and these are usually grouped in a vertical around the upper end of a cell. CONIDIA are dry and secede readily. They are obovoid and 3-septate, the lateral conidia being usually rounded at the base with an inconspicuous scar, the apical conidium being tapered at the base with a flat scar usually on a slight denticulation. They are smooth with the cells uniformly brown to dark brown or the basal cell may be paler: the septa are obscured by darker bands in the conidium wall, the distal bands being successively wider. Conidia measure $19.8-27.0 \times 10.5-13.5\mu$.

SUBSTRATE: On decaying wood of *Fagus grandifolia*, *Quercus*, and unidentified hosts.

DISTRIBUTION: Quebec, Ontario, British Columbia.

COLLECTIONS: Que., Gatineau Park, X.1960, DAOM 71385 (S.J.H.). Ont., South March, V.1954, 43975b (S.J.H.). B.C., Green Point Park, Harrison Hot Springs, V.1961, 88478; Skagit River, Manning Park, VI.1960, 75505 (R.J. Bandoni); Mount Seymour, North Vancouver, IX.1961, 87008 (W.B. Kendrick).

NOTES: This species was described from Gt. Britain. It is also known in DAOM from New York State, U.S.A. (on *Fagus grandifolia*, near Slaterville, IX.1952, 29286b, S.J.H.).

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