

Yosio KOBAYASI*: **Miscellaneous notes of fungi (6)****

小林義雄*: 菌類雜報 (6)

1) ***Scleroderma hakkodense*** Y. Kobayasi, sp. nov. (Sclerodermataceae, subg. *Phlyctospora*). (Fig. 1)

Fructificatio globosa 6-11 mm in diam. fusca, carnosae, superficie subtiliter reticulata, apicaliter non aperientia. Peridium tenue, e hyphis centripetaliter ordinatis, tenuis septatis hyalinis compositum, praeter hyphum fuscum

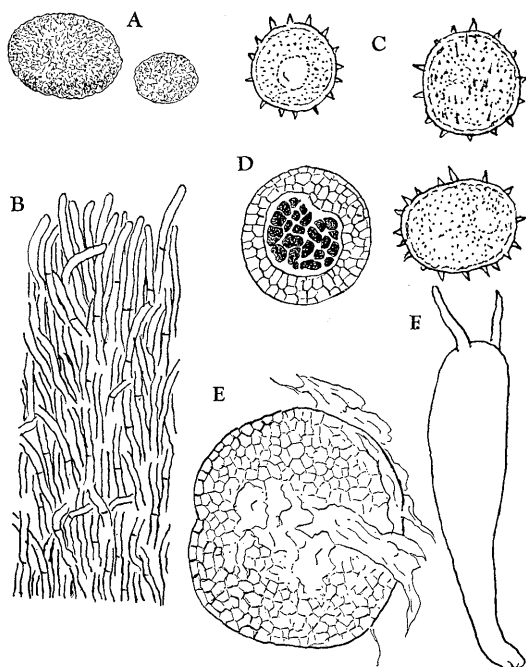


Fig. 1. *Scleroderma hakkodense*. A. Fruitbodies, $\times 2.3$. B. Section through peridial part. C. Basidiospores, $\times 370$. D. Section through fruitbody, $\times 5$. E. Fruitbody, $\times 9$. F. Basidium, $\times 2500$.

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** Continued from Journ. Jap. Bot. 59: 187-189 (1984).

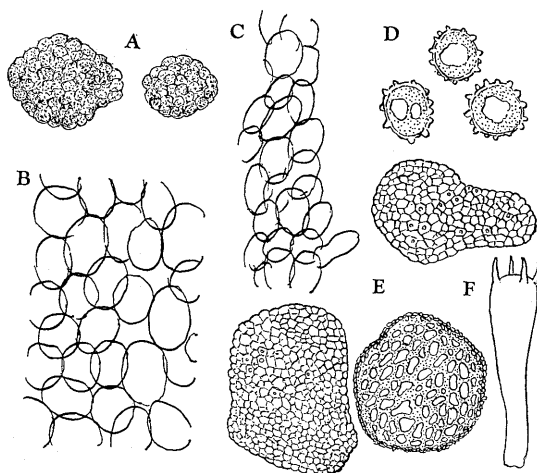


Fig. 2. *Hysterangium hokkaidoense* A. Fruitbodies, $\times 2$. B. Section through inner part. C. Section through peridial layer. D. Basidiospores, $\times 320$. E. Fruitbodies and its section, $\times 8$. F. Basidium, $\times 370$.

externum. Pars interna e cavita numerosas irregulariter composita. Basidia clavata, $30 \times 8 \mu$, 2 sterigmata. Basidiosporae globosae vel ellipsoideae, 7μ crassae vel $9 \times 7 \mu$, brunneae, spinas brevis plus minusve reticulatas productae.

Hab. On ground in mixed deciduous forest, Sukayu, Hakkōda. Sept. 4, 1985. Collected by Y. Kobayasi. Type in TNS.

2) *Hysterangium hokkaidoense* Y. Kobayasi, sp. nov. (Hysterangiaceae). (Fig. 2)

Fructificatio elongata vel irregulariter globosa, $5 \times 2-4$ mm, testacea, superne subtiliter verrucosa, sine cellulis foveatis. Peridia tenuis carnosae, pallide brunnea, cellulis 2-2 strata composita. Cava numerosa, irregulariter ordinata et formata. Basidia clavata $120 \times 32-37 \mu$, 4 sterigmata. Basidiosporae globosae vel ovoideae, fere hyalinae, $30-40 \times 40 \mu$, mammillatae.

Hab. On rotten trunk of *Larix*, in *Larix* forest. Tomakomai, Hokkaidō. Sept. 2, 1985. Coll. by Y. Kobayasi. Type in TNS.

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Scleroderma hakkodense. 従来日本産の種は2種が知られて居たが、これが第3の種で、皮部が数層の細胞よりなり、担子器は2本の小柄をもつのが特徴である。

Hysterangium hokkaidoense. 子実体が極めて小形で胞子の疣の点以外には著しい特徴はない。