

NOTES ON AGARICALES FROM SHIKOKU, JAPAN (II)

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Conocybe FAYOD, 1889 (Bolibitiaceae)1. **Conocybe tenera** (FR.) FAYOD*Agaricus tener* FR., Syst. Myc. 1: 265, 1821.*Galera tenera* QUEL., Champ. Jura. Vosg. 1: 136, 1872.*Derminus tener* SCHROET, Pilze Schles., 1: 580, 1889.*Conocybe tenera* (FR.) FAYOD, Ann. Sci. Nat. 7 (9): 357 (1889).*Galerula tenera* MURR., N. Am. Fl., 10: 166, 1917.

Pileus 1~1.7 cm broad, hemispheric to campanulate, moist, cinnamon to buff or "apricot yellow" when wet, fading to dull yellow when dry, margin striate. Context very thin, slightly thick on disc, tinged concolorous to the surface, fragile, odor strong.

Lamellae adnate, rather narrow, 2.5~3.5 mm broad, subclose to subdistant, "apricot yellow" when young, becoming dull ochre, finally cinnamon, edges even.

Stipe 3~7.5 cm long, 1~2 mm thick, slender, equal or tapering upward slightly, base bulbillate, slightly shining, concolorous to the pileus, paler above, with fibrillose striae, hollow.

Spores 12.5~16×7~9 μ , ellipsoid to oval-ellipsoid, smooth, thick-walled, light brown to pale dark orange under the microscope, hilum and germ pore hyaline. Basidia 20~25×9~11 μ , 4-spored. Cheilocystidia flaskshaped, abruptly capitate, 16~17.5×7~8.5 μ , globule at the apex 4~5 μ in diameter. Pleurocystidia none. Caulocystidial like cheilocystidia 20~30×10~18 μ , globule 5~6 μ in diameter, densely covering the surface of the stipe. Epicutis of clavate cells, rarely ventricose, 40×65~20 μ , dark brown.

Hab. Scattered to gregarious on lawn along roadsides.

Near Tossaka pass, Zentsūji city, Kagawa Prefecture, July 5, 1967. (H. TOSHIMA no. 1967-21)

Distr. Japan (Hokkaidō, Honshū, Shikoku - new!), known from all over the world.

Observations: The spores in my collection are larger than those of the European ones as well as of HONGO's, but the other characters are the same.

2. **Conocybe lactea** (LANGE) METROD*Agaricus lateritus* FR., Syst. Myc., 1: 265, 1821.*Galera lateritia* QUEL., Champ. Jura Vosg., 2: 348, 1873.*Derminus lateritius* SCHROET, Pilze Schles., 1: 580, 1889.*Conocybe lateritia* (FR.) KUEHNER, Gen. Galera, 21, f. 37, 1935.*Galera lactea* LANGE, Fr. Agar. Dan., 4: 33, Pl. 128, f. F, 1939.

Pileus 2.5~3.5 cm broad, campanulate to conic-campanulate, margin slightly recurved in age, moist, dull yellow "naples yellow" to pale yellow and central portion light brown when wet, fading to yellowish white and disc dark yellow when dry, margin with delicate and long striae, disc glabrous. Context very thin, membranous, fragile, yellowish white, odor slight.

Lamellae adnate, thin, rather narrow, 2~3mm broad, close, pale "apricot yellow" when young, dark orange to light brown or ferruginous in age, edges even.

Stipe 11~14 cm long, 3~4 mm thick, slender, straight, slightly tapering upward, base bulbous, white, lower half tinged yellowish, pruinose, with long fibrillose striae, hollow.

Spore 14~16×8.5~10 μ , ellipsoid, smooth, thick-walled, light brown under the microscope, hirim and germ pore hyaline. Basidia 25.5~27.5×12.5~14 μ , 4-spored. Cheilocystidia obovoid, abruptly capitate, 18~20×6~7 μ , globule at the apex 3.5~4 μ in diameter. Pleurocystidia none. Powder on the surface of the stipe consisting of small cells, 8~12×3~4 μ , some of them with a hyphal hairs. Epcutis of sphaeropunctulate cells, 21~36×17~23 μ , pale dull yellow.

Hab. Singly or scattered on pond-side lawn.

Nishiötani, Kokubunji-cho, Kagawa Prefecture, July 10, 1968. (H. TOSHIMA no. 1968-25).

Distr. Japan (Honshu, Shikoku-new!), Europe, North America.

四 国 産 マ ツ タ ケ 目 (II)

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本報文では香川県内で採集された四国より未記録のコガサタケ属キノコ2種を記載した。

1. コガサタケ (川村) *Conocybe tenera* (SCHAEFF. ex FR.)

FAYOD

産地: 香川県善通寺市島坂峠付近. 7月 路傍の芝生間に散生または群生.

2. キコガサタケ (今関・上岐) *Conocybe lactea* (LANGE)

METROD

産地: 香川県綾歌郡国分寺町西大谷. 7月, 池畔の芝生間に単生または散生.

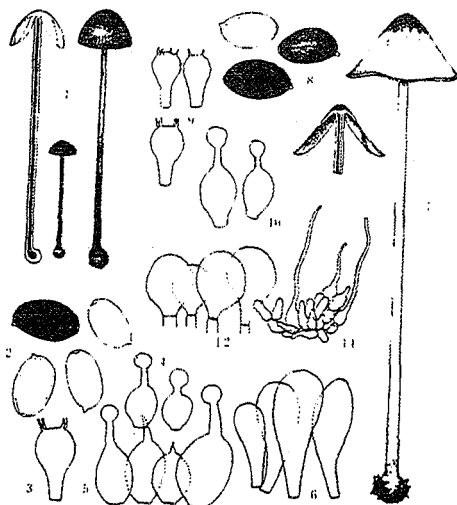


Fig. 1-6: *Conocybe tenera*. Fig. 7-12: *Conocybe lactea*.

1,7 carpophores: 2,8 spores: 3,9 basidia: 4,10 cheilocystidia:
5 caulocystidia: 11 small cells on the surface of the stipe.
6,12 cells of the epicutis. (1, 7 x1; 2, 3, 4, 5, 8, 10 x1000;
6, 9, 11, 12 x500)