

Type Collection in the Herbarium of National
Science Museum, Tokyo (TNS)
AGARICALES Named by Dr. Tsuguo Hongo (3)

By

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Abstract 43 holotype and 8 paratype specimens of the Agaricales named by Dr. Tsuguo Hongo, which have been donated by him to the herbarium of the National Science Museum Tokyo (TNS) in or before 1990, are listed: 39 species and 4 forms are alphabetically arranged from *Micromphale* to *Russula*, succeeding to the previous lists (Doi, 1991, 1993).

Micromphale pacificum Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (26): 26 (1976).

On dead trunk in forest of *Castanopsis*, Mt. Hagen town, Papua & New Guinea, Dec. 4, 1971, T. Hongo, Hongo-NG-6030 [TNS-F-228005 = holotype].

Mycena neoavenacea Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (27): 20 (1977).

Japanese name: Fuchidori-kunugitake (フチドリクヌギタケ).

At the base of living *Cryptomeria*, Bot. Gard. of Kyoto Univ., Kyoto, June 8, 1956, T. Hongo, Hongo Herb. no. 1461 [TNS-F-237478 = holotype].

Note. Hongo (1989) suggested that this species may be the same species with *Mycena olivaceomarginata* (Masseé apud Cooke) Masseé.

Mycena roseomarginata Hongo, J. Jpn. Bot. 32: 208 (1957).

Japanese name: Usubeni-fuchi-take (ウスベニフチタケ).

Gregarious on debris of *Chamaecyparis*, Ishiyama-Hiratsu-chō, Ōtsu, April 21, 1956, T. Hongo, Hongo Herb. no. 1413 [TNS-F-237479 = holotype];

In plantation of *Chamaecyparis*, Ishiyama-Hiratsu-chō, Ōtsu, April 25, 1956, T. Hongo, Hongo Herb. no. 1414 [TNS-F-237500 = paratype].

Mycena umbilicata Hongo, J. Jpn. Bot. 32: 141 (1957), non Metrod 1949, nec Dennis 1951.

= *Hydropus hypnorum* Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (99): 67 (1959).

Japanese name: Sakazukigasatake (サカズキガサタケ).

In moss, Ishiyama-Hiratsu-chō, Ōtsu, June 25, 1955, T. Hongo, Hongo Herb. no. 1200 [TNS-F-237480 = holotype]; In *Sphagnum*, Ishiyama-Hiratsu-chō, Ōtsu, June 25, 1955, T. Hongo, Hongo Herb. no. 1202 [TNS-F-237501 = paratype].

Note. Since this species name was the later homonym, Hongo wrote a new species name *Mycena hypnorum* (Hongo) Hongo on paper bag of the specimen, and in 1959 he changed the genus from *Mycena* to *Hydropus*.

Naematoloma gracile Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (12): 41 (1962).

Japanese name: Nigakuritake-modoki (ニガクリタケモドキ).

Amongst dead-leaves in bamboo forest, Senjō, Ōtsu, Nov. 2, 1961, T. Hongo, Hongo Herb. no. 2404 [TNS-F-237481 = holotype].

Naematoloma papuanum Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (26): 31 (1976).

In grasses, Pindaunde, Mt. Wilhelm, Papua & New Guinea, Dec. 28, 1971, T. Hongo, Hongo-NG-6174 [TNS-F-228018 = holotype].

Note. Hongo (1989) suggested that this species was considered to be closely related to *N. ericaeum* (Pers.: Fr.) Smith and *N. udum* (Pers.: Fr.) Karsten.

Panaeolina rhombisperma Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (23): 38 (1973).

Japanese name: Hishinomi-shibafutake (ヒシノミシバフタケ).

On urea-applied grass ground, Kyoto Univ., Kyoto, Oct. 16, 1967, N. Sagara, Hongo Herb. no. 3561 [TNS-F-237482 = holotype].

Panaeolina sagarae Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (27): 22 (1977).

Japanese name: Kobumino-shibafutake (コブミノシバフタケ).

In uric acid-applied plot in *Pinus densiflora*-*Chamaecyparis obtusa* forest, Iwakura, Kyoto, July 18, 1974, N. Sagara, Hongo Herb. no. 5117 [TNS-F-237483 = holotype].

Panus verrucipes Hongo, Rept. Tottori. Mycol. Inst. (14): 95 (1976).

On fallen trunks in *Castanopsis* forest, Okusapmin, Papua & New Guinea, Y. Doi, Dec. 16, 1971, Hongo-NG-6085 [TNS-F-228002 = holotype].

Note. Pegler (1983) regarded this species as *Lentinus araucariae* Hariot & Pat. in J. Bot. Paris 17: 11 (1903).

Pholiota austrospumosa Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (26): 31 (1976).

Japanese name: Kiname-tsumutake (キナメツムタケ).

On decayed wood, Oksapmin, Papua & New Guinea, Dec. 19, 1971, T. Hongo, Hongo-NG-6121 [TNS-F-228300 = holotype].

- Pluteus atrofuscus** Hongo, J. Jpn. Bot. 38: 235 (1963).
 Japanese name: Kuro-benihidatake (クロベニヒダタケ).
 Gregarious on decaying wheat-straw in bamboo-forest, Senjō, Ōtsu, Sept. 21, 1962, T. Hongo, Hongo Herb. no. 2555 [TNS-F-237484=holotype].
- Pluteus incarnatus** Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (23): 37 (1973, published in 1974).
 Japanese name: Tokihiro-hiratake (トキヒロヒラタケ).
 On dead wood, Botanical Garden, Kyoto Univ., Kyoto, T. Hongo, Hongo Herb. no. 411 [TNS-F-237485=holotype].
 Note. Hongo (1975) annotated that this species is a synonym of *Pluteus salmoneostramineus* Vassilieva in Agarikovye Shlyapochnye Griby Primorskogo Kraja p. 85 (1973).
- Pluteus kobayasii** Hongo, Rept. Tottori. Mycol. Inst. (14): 100 (1976).
 On decaying wood, Oksapmin, Papua & New Guinea, Dec. 16, 1971, T. Hongo, Hongo-NG-6093 [TNS-F-228003=holotype].
- Porphyrellus fuisporus** (Kawam. ex) Imaz. & Hongo apud Hongo, Acta Phytotax. Geobot. 18: 110 (1960).
 Japanese name: Yasha-iguchi (ヤシャイグチ).
 On decayed wood, Mii-dera, Ōtsu, Sept. 4, 1954, T. Hongo, Hongo Herb. no. 993 [TNS-F-237486=holotype].
- Porphyrellus subvirens** Hongo, Acta Phytotax. Geobot. 18: 110 (1960).
 Japanese name: Oo-yasha-iguchi (オオヤシャイグチ).
 Under *Castanopsis cuspidata*, Ishiyama-Hiratsu-chō, Ōtsu, Sept. 13, 1958, T. Hongo, Hongo Herb. no. 1863 [TNS-F-237487=holotype].
- Psathyrella pennata** (Fr.) Konr. & Maubl. forma *silvatica* Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (19): 76 (1969).
 Japanese name: Hime-itachitake (ヒメイタチタケ).
 Scattered on humus or on fallen twigs in forest (under *Quercus glauca*), Senjō, Ōtsu, Nov. 26, 1962. T. Hongo, Hongo Herb. no. 2640 [TNS-F-237488=holotype].
- Pseudoconocybe nodulosopora** Hongo, J. Jpn. Bot. 42: 151 (1967).
 Japanese name: Kobumino-kogasatake (コブミノコガサタケ).
 Gregarious to cespitose in large numbers, on the ground under *Cryptomeria japonica*, Mii-dera, Ōtsu, May 26, 1966, M. Endo, Hongo Herb. no. 3225 [TNS-F-237489=holotype].
- Pseudohiatula ohshimae** (Hongo & Matsuda) Hongo & Matsuda apud Hongo, J. Jpn. Bot. 30: 76 (1955).
 ≡ *Marasmius ohshimae* Hongo & Matsuda apud Hongo.
 Japanese name: Sugieda-take (スギエダタケ).
 On burried twigs of *Cryptomeria*, Mt. Hiei, Ōtsu, Nov. 3, 1954, T. Hongo, Hongo Herb. no. 1105 [TNS-F-237490=holotype].

Psilocybe fasciata Hongo, J. Jpn. Bot. 32: 144 (1957).

Japanese name: Ai-senbon-take (アイセンボンタケ).

Densely cespitose on the ground by roadsides (at the edge of bamboo forest), Ishiyama-Senjō, Ōtsu, Oct. 26, 1955, T. Hongo, Hongo Herb. no. 1338 [TNS-F-237491 = holotype].

Psilocybe subcaerulipes Hongo, J. Jpn. Bot. 33: 44 (1958).

Japanese name: Aizome-shibafutake (アイゾメシバフタケ).

Cespitose on the ground by wayside, Mii-dera, Ōtsu, July 2, 1957, T. Hongo, Hongo Herb. no. 1634 [TNS-F-237492 = holotype].

Rhodophyllum acutoconicus Hongo, J. Jpn. Bot. 31: 252 (1956).

Japanese name: Togari-urabenitake (トガリウラベニタケ).

Gregarious among short bamboo grasses, Ishiyama-Hiratsu, Ōtsu, Oct. 7, 1955, T. Hongo, Hongo Herb. no. 1307 [TNS-F-237493 = holotype].

Rhodophyllum ater Hongo, J. Jpn. Bot. 33: 46 (1958).

Japanese name: Ko-kiiro-urabenitake (コキイロウラベニタケ).

Gregarious or subcespitoso on lawns, Tanakami-Kurozu-chō, Ōtsu, T. Hongo, Hongo Herb. no. 1482 [TNS-F-237494 = holotype].

Rhodophyllum babingtonii (Brox.) Quél. forma **japonicus** Hongo, J. Jpn. Bot. 34: 244 (1959).

Japanese name: Ke-momiura-modoki (ケモミウラモドキ).

Gregarious to subcespitoso on moist soil amongst fallen leaves, in Bot. Gard. of Kyoto Univ., Kyoto, T. Hongo, Hongo Herb. no. 1765 [TNS-F-237495 = holotype].

Rhodophyllum bisporus Hongo, J. Jpn. Bot. 32: 212 (1957).

Japanese name: Futatsumi-urabenitake (フタツミウラベニタケ).

Gregarious among mosses in plantation of *Chamaecyparis*, Ishiyama-Hiratsu-chō, Ōtsu, May 12, 1956, T. Hongo, Hongo Herb. no. 1431 [TNS-F-237496 = holotype]; the same place, May 14, 1956, T. Hongo, Hongo Herb. no. 1432 [TNS-F-237497 = paratype].

Rhodophyllum chamaecyparis Hongo, J. Jpn. Bot. 33: 47 (1958).

Japanese name: Himeshiro-urabenitake (ヒメシロウラベニタケ).

Gregarious on humus or debris in plantation of *Chamaecyparis obtusa*, Ishiyama-Hiratsu-chō, Ōtsu, Nov. 6, 1957, T. Hongo, Hongo Herb. no. 1708 [TNS-F-237498 = holotype]; the same place, Nov. 5, 1957, T. Hongo, Hongo Herb. no. 1707 [TNS-F-237499 = paratype].

Rhodophyllum glutiniceps Hongo, Mem. Natn. Sci. Mus. Tokyo (10): 38 (1977).

Japanese name: Ai-ippunshimeji (アイイッポンシメジ).

On red clay in pine forest, Ōtaki, Chichijima, Bonin Isls., Nov. 26, 1976, T. Hongo B-132 [TNS-F-228450 = holotype].

Rhodophyllum kansaiensis Hongo, J. Jpn. Bot. 49: 299 (1974).

Japanese name: Kihida-ippunshimeji (キヒダイッポンシメジ).

In *Pinus-Quercus* forest, Ishiyama-Terabe, Ōtsu, Sept. 11, 1973, K. Yokoyama, Hongo Herb. no. 4945 [TNS-F-237503=holotype]; In *Pinus-Quercus* forest, Ishiyama-Senjō, Ōtsu, Sept. 8, 1968, Y. Shidei, Hongo Herb. no. 3728 [TNS-F-237504=paratype].

Rhodophyllus kujuensis Hongo, J. Jpn. Bot. 60: 370 (1985).

Japanese name: Nasukon-ipponshimeji (ナスコンイッポンシメジ).

In deciduous forest, near Chōjabaru, Kujū Mts., Ōita-pref., Sept. 30, 1978, T. Hongo, Hongo Herb. no. 5829 [TNS-F-237505=holotype]; In *Pinus-Quercus* forest, Dōshi-mura, Yamanashi-pref., Sept. 18, 1983, T. Hongo, Hongo Herb. no. 6490 [TNS-F-237506=paratype].

Rhodophyllus mycenoides Hongo, J. Jpn. Bot. 31: 253 (1956).

Japanese name: Eizan-momiuramodoki (エイザンモミウラモドキ).

Amongst mosses, Sakamoto-Honmachi, Ōtsu, Oct. 28, 1955, T. Hongo, Hongo Herb. no. 1343 [TNS-F-237507=holotype].

Rhodophyllus omiensis Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (13): 56 (1963).

Japanese name: Usuki-momiura-modoki (ウスキモミウラモドキ).

Gregarious on fallen leaves in bamboo forest, Dō, Seta-chō, Shiga, Sept. 8, 1960, T. Hongo, Hongo Herb. no. 2096 [TNS-F-237508=holotype].

Rhodophyllus pulchellus Hongo, J. Jpn. Bot. 32: 212 (1957).

Japanese name: Shibafu-urabenitake (シバフウラベニタケ).

On lawns, Tanakami-Kurozu-chō, Ōtsu, July 2, 1956, T. Hongo, Hongo Herb. no. 1483 [TNS-F-237509=holotype].

Russula albo-areolata Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (29): 102 (1979).

Japanese name: Hibiware-shirohatsu (ヒビワレシロハツ).

In *Castanopsis* forest, Kurozu, Ōtsu, July 11, 1977, T. Hongo, Hongo Herb. no. 5622 [TNS-F-237511=holotype]; In *Castanopsis* forest, Kurozu, Ōtsu, July 5, 1977, T. Hongo, Hongo Herb. no. 5734 [TNS-F-237512=paratype].

Russula bella Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (18): 50 (1968).

Japanese name: Nioi-kobenitake (ニオイコベニタケ).

Under *Pinus thunbergii* in garden, Seta-minamiokaya, Ōtsu, July 6, 1967, T. Hongo, Hongo Herb. no. 3402 [TNS-F-237510=holotype].

Russula castanopsidis Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (23): 42 (1973).

Japanese name: Kareba-hatsu (カレバハツ).

In forest of *Castanopsis*, Sekinotsu, Ōtsu, July 15, 1971, T. Hongo, Hongo Herb. no. 4458 [TNS-F-237513=holotype].

Russula eburneoareolata Hongo, Rept. Tottori Mycol. Inst. (10): 360 (1973).

Japanese name: Tsugihagi-hatsu (ツギハギハツ).

Under *Castanopsis*, Oksapmin, Papua & New Guinea, Dec. 12, 1971, T. Hongo, Hongo-NG-6126 [TNS-F-225479=holotype].

Note. Hongo (1989) annotated this species had been found also in Japan, but the Japanese strain was somewhat different from the New Guinean strain. The Japanese collection is: Under oaks, Ōhira-yama, Ishiyama-Terabe, Ōtsu, Sept. 12, 1975, T. Hongo, Hongo Herb. no. 5352 [TNS-F-237514].

Russula kansaiensis Hongo, J. Jpn. Bot. 54: 305 (1979).

Japanese name: Hina-benitake (ヒナベニタケ).

Bot. Gard. of Kyoto Univ., Kyoto, July 20, 1945, T. Hongo, Hongo Herb. no. 954 [TNS-F-237517=holotype].

Russula metachroa Hongo, J. Jpn. Bot. 30: 219 (1955).

Japanese name: Irogawari-shirohatsu (イロガワリシロハツ).

Gregarious on the ground in pine-woods, Seta-chō, Ōtsu, Oct. 6, 1954, T. Hongo, Hongo Herb. no. 1042 [TNS-F-237518=holotype].

Russula nauseosa (Secr.) Fr. forma **japonica** Hongo, J. Jpn. Bot. 42: 156 (1967).

Japanese name: Ko-yoheiji (コヨヘイジ).

Gregarious on the ground by roadsides, Ishiyama-Senjō, Ōtsu, Sept. 2, 1955, T. Hongo, Hongo Herb. no. 1231 [TNS-F-237519=holotype].

Russula neoemetica Hongo, J. Jpn. Bot. 54: 307 (1979).

Japanese name: Dokubeni-damashi (ドクベニダマシ).

In *Castanopsis* forest, Kokubu, Ōtsu, July 11, 1978, T. Hongo, Hongo Herb. no. 5749 [TNS-F-237520=holotype]; Gregarious on the ground in pine woods, Ishiyama-Hiratsu-chō, Ōtsu, T. Hongo, Hongo Herb. no. 1526 [TNS-F-237521=paratype].

Russula niigatensis Hongo & Matsuda, J. Jpn. Bot. 30: 153 (1955).

Japanese name: Koshino-murasaki-hatsu (コシノムラサキハツ).

Gregarious on sandy soil in pine woods, Shiunji-mura, Niigata-Pref., Oct. 16, 1954, T. Hongo, Hongo Herb. no. 1067 [TNS-F-237522=holotype].

Russula omiensis Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (17): 93 (1967).

Japanese name: Kara-murasaki-hatsu (カラムラサキハツ).

In forest of *Castanopsis*, Mii-dera, Otsu, March 3, 1954, T. Hongo, Hongo Herb. no. 861 [TNS-F-237523=holotype].

Russula subnigricans Hongo, J. Jpn. Bot. 30: 78 (1955).

Japanese name: Nise-kurohatsu (ニセクロハツ).

Gregarious on the ground in woods, Kiyomizu-dera, Kyoto, Sept. 4, 1954, M. Hamada, Hongo Herb. no. 994 [TNS-F-237524=holotype].

Russula virescens Fr. forma **erythrocephala** Hongo, Mem. Fac. Educat. Shiga Univ., Nat. Sci., (16): 60 (1966).

Japanese name: (red strain of) Aitake (アイタケの赤色型).

On the ground under *Quercus glauca*, Chausuyama, Ōtsu, July 10, 1962, T. Hongo, Hongo Herb. no. 2506 [TNS-F-237525 = holotype].

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