

Section **HYGROCYBOIDEAE** (Fr.) Sing. *epipterygia* (Scop.:Fr.) SF Gray and its varieties

a. Hyphae and hymenial elements clampless. Basidia 2-spored.

b. Pileus dark brown to almost black. Odor pronounced, farinaceous-acid. Growing among moss.
var. *badiceps* M. Lange
Description MGII-350

b. Pileus brown with citrine shade. Odor indistinctive. Growing in subalpine coniferous forest.
var. *brunneola* Favre ex Maas G.
Description MGII-352

a. Hyphae and hymenial elements clamped.

b. Basidia 2-spored. Among moss in pine woods. Eur. var. *epipterygioides* (Pearson) Kuhn.
Description MGII-353

b. Basidia 4-spored.

c. Spores rather narrowly pip-shaped, almost cylindrical. Odor disagreeable, then of iodoform: the idioform-smelling form of :
var. *epipterygia*
Description MGII-347

c. Spores pip-shaped to broadly pip-shaped. Odor as a rule not of iodoform.

d. Pileus dark-colored (olivaceous yellow, olive brown, paler or darker grey-brown to almost black) at the center; margin yellowish or not.

e. Stipe grey, pinkish brown, red-brown.

f. Lamellae grey in various shades, but with no pinkish or purplish tints.
Growing among grass and moss.
var. *pelliculosa* (Fr.) Maas G.
Description MGII-358

f. Lamellae with pinkish or purplish tints. var. *fuscopurpurea* (Arnolds) Maas
Description MGII-354

e. Stipe bright yellow, yellow-green, greenish, at least in part or when young.

f. Cheilocystidia with their excrescences more or less of the same length, neither very long, net some strikingly needle-like.

g. Pileus margin not yellow. Growing on coniferous wood.

var. *atroviscosa* Malençon ex Maas G.
Description MGII-349

g. Pileus margin yellow or whitish.

h. Cheilocystidia with cylindrical excrescences. Growing on coniferous wood.
var. *lignicola* AH Smith.
Description MGII-356

h. Cheilocystidia with several of their excrescences markedly inflated. At the base of a coniferous stump. USA.
var. *cespitosa* Thiers
Description MGII-353

f. Cheilocystidia with some of their excrescences much longer than the others and/or needle-like.

g. Lamellae becoming stained with reddish brown spots. Stipe usually dingy purplish brown towards the base. Terminal cells with cylindrical excrescences. Growing under oaks. var. *griseoviridis* (AH Smith) Maas
Description MGII-355

g. Neither lamellae nor stipe reddening. Terminal cells with several of their excrescences sublageniform. Growing on decayed pine needles.
var. *splendidipes* (Peck) Maas G.
Description MGII-359

d. Pileus light-colored (whitish, yellowish, citrine or pale greenish), becoming greyish or brownish at the disk with age.

e. Spores broadly pip-shaped, mature broader than 6 μ m. Terminal cells of the hyphae of the cortical layer of the stipe covered with short excrescences c. 5 μ m long.

f. Flesh turning red-brown in all parts with age. Odor rancid. Occurring on decayed stumps and fallen needles of conifers (*Abies*, *Picea*).

var. *viscosa* (Maire) Ricken
Description MGII-360

f. Flesh not reddening with age. Odor farinaceous. Growing on coniferous wood.
var. *lignicola* AH Smith
Description MGII-356

e. Spores pip-shaped, mature up to 6 μ m broad. Terminal cells of the hyphae of the cortical layer of the stipe covered with several longer excrescences up to 12.5 μ m long. On humus in mixed woods on acid soil, in mossy lans, among fallen coniferous needles (*Juniperus*, *Picea*, *Pinus*) more rarely on decayed wood of deciduous trees. Eur, Nam.
var. *epipterygia*
Description MGII-347

