

SOME NEW SPECIES OF INOCYBE

GEO. F. ATKINSON

Inocybe ammophila n. sp.

Gregaria, 4–6 cm. alta; pileo ochraceo vel brunneo, 2–7 cm. lato, convexo-expanso, dein late umbonato, carne alba; lamellis stipite adnexus, sinuatis, ventricosus, cinereis dein cinnamomeo-brunneis, acie alba; cystidiis clavato-ventricosus, membrana crassa praeditis, 30–70 x 15–30 μ ; sporis subovatis vel subellipsoideis, inequilateralibus, levibus, 10–20 x 6–8 μ ; stipite aequali, albo vel pileo concolore sed pallidior, bulboso, ad apicem pruinoso.

In sand dunes or sandy places. Type specimens no. 22106, Herb. Cornell University, in sand dunes, Grand Haven, Mich., Sept. 23, 1907, W. T. Wallace, collector. In these specimens the pileus is pale ochre, and the stem white, becoming tinged with the color of the pileus. No. 18494, in sand, Sodus Point, Wayne Co., N. Y., B. C. Williams, collector (recd. Nov. 2, 1903); the pileus is wood-brown on the umbo, yellowish toward the margin, the margin in some splitting deeply. No. 24209, in sandy ground, Six Mile Creek, near Ithaca, N. Y., July 17, 1917, J. H. Faull, collector. These specimens are much smaller and the pileus walnut-brown to burnt umber (R. 1912). In nos. 18494 and 22106, the mycelium binds the sand into a large ball; the ball of sand in no. 24209 is much smaller, perhaps because the plants are much smaller.

This species is related to *Inocybe bulbosa* Pk. but differs in the character of the spores, cystidia, and bulb.

Inocybe atripes n. sp.

Solitaria vel gregaria, 2–6 cm. alta; pileo luteo-olivaceo dein fulvo-olivaceo vel umbrino, ovali, convexo dein expanso et subumbonato, 1.5–3.5 cm. lato, adpresse fibroso-squamoso vel subsquarroso, circum et in umbone frequenter areolato-rimoso; lamellis stipite adnexus, subellipsoideis, albidis dein olivaceo-luteis demum fulvo-olivaceis; cystidiis clavatis vel ellipsoideis, membrana crassa praeditis, 45–65 x 13–20 μ ; sporis subovatis vel subellipsoideis, inequilateralibus, levibus, 7–10 x 4.5–6 μ ; stipite velutino, deorsum umbrino vel nigro, sursum pallidior, 2–5 mm. crasso.

Type specimens no. 19790, Herb. Cornell University, on ground in pine grove north side of Fall Creek, by Triphammer Falls, Ithaca, N. Y., June 24, 1906. H. H. Whetzel, collector.

This species has been collected several times in the vicinity of Ithaca, N. Y., during the last 15 years. It resembles *In. tenebrosa* Quélet (Asso. Fran. pl. 8, fig. 8, 1885) in external appearance, but differs in the velvety, non-striate stem. We have no knowledge of the cystidia in *In. tenebrosa*.

***Inocybe brunnescens* n. sp.**

Gregaria, 4–6 cm. alta; pileo pallide brunneo dein umbrino, ovali vel convexo, obtuso, radiatim rimoso et partito, 4–5 cm. lato; lamellis stipite adnexus, avellaneis demum subumbrinis, acie cellis sterilibus et clavatis praedita; cystidiis nullis; sporis fabiformibus, levibus, 8–11 x 4.5–5.5 μ ; stipite albo, dein brunnescente, deorsum obscuriore, apice albido-pruinoso, 4–7 mm. crasso.

Type specimens no. 25020, Herb. Cornell University. Ground, open oak woods near sphagnum moor, about 2½ miles southeast of Oakland, Md., Sept. 16, 1917. G. F. Atkinson, collector.

Related to *In. fastigiata*, but differs in form, color, etc.

***Inocybe cylindrocystis* n. sp.**

Gregaria, 4–7 cm. alta; pileo ochraceo, convexo dein expanso, subumbonato, fragili, fibrilloso-squamuloso, versus marginem repando et partito, 1–3 cm. lato, umbone levi; lamellis stipite adnexus, ellipsoideis; cystidiis numerosis, cylindricis, curtis, membrana tenella praeditis, 30–35 x 9–11 μ ; basidiis 25–27 x 7–8 μ ; sporis obovatis vel subellipsoideis, inequilateralibus, levibus, 9–10 x 4–5–6 μ ; stipite fibroso-striato, contorto, aequali, leniter fibrilloso, sursum pruinoso, albo dein luteo leniter tincto, 4–5 mm. crasso.

Ground, McGowan's woods, near Ithaca, N. Y., July 14, 1903. H. S. Jackson, collector. Type specimens no. 15211, Herb. Cornell University.

Related to *Inocybe hirtella* Bres., but differs in spores and cystidia.

***Inocybe fastigiella* n. sp.**

Solitaria vel gregaria, 5–6 cm. alta; pileo umbrino, campanulato dein expanso, prominenter umbonato, demum radiatim rimoso, circum umbonem leniter fibrilloso; lamellis stipite adnexus, angustis, ellipsoideis, acie alba; cystidiis nullis sed acie lamellarum cellis clavatis praedita; sporis subreniformibus, levibus, 7–9 x 4–5 μ ; stipite aequali, fibrilloso-striato, intus albo, basi subbulbosa.

On ground, Cascadilla woods, Campus, Cornell University, Ithaca, N. Y., Aug. 12, 1908. E. J. Petry, collector. Type specimens no. 22525, Herb. Cornell University.

***Inocybe leptocystella* n. sp.**

Solitaria vel gregaria, 6–7 cm. alta; pileo umbrino, convexo dein leniter expanso, demum umbonato, adpresse-squamoso, margine partito, 12–15 mm. lato; lamellis stipite adnexus, ventricosus, pallidis dein umbrinis, acie alba; cystidiis subcylindricis, pedicellatis, membrana tenui praeditis, 45–60 x 10–16 μ ; sporis subovoideis, inequilateralibus, levibus, 8–11 x 5–7 μ ; stipite subflexuoso, fistuloso, aequali, umbrino, fibrilloso-squamoso, apice pruinoso atque albo, 2–3 mm. crasso.

On leaf mold in wet ground, Michigan Hollow Swamp, near Danby, N. Y., July 12, 1906. C. W. Edgerton, collector. Type specimens no. 19844, Herb. Cornell University. Related to *In. carpta* and *In. leptocystis*, but differs from the former in being less scaly and in the character of the cystidia, from the latter in color and other external characters.

***Inocybe leptocystis* n. sp.**

Gregaria et dispergens, 3–7 cm. alta; pileo brunneo, 1–3 cm. lato, campanulato vel convexo, dein expanso et umbonato, sericeo, leniter adpresse-squamuloso vel levi, carne alba; lamellis stipite adnexus, angustatis, ellipsoideo-linearibus, confertissimis, griseis dein arellaneis; cystidiis numerosis, cylindricis vel cylindrico-capitatis, vel subventricosus, pedicellatis, membrana tenui praeditis, 50–65 x 12–16 μ ; sporis subellipsoideis, inequilateralibus, levibus, 7–9 x 4–5 μ ; stipite albido vel carneo tincto, solido, leniter fibrilloso, 2–5 mm. crasso, apice pruinoso, basi albo.

Ground, Cascadilla woods, Campus, Cornell University, Ithaca, N. Y., July 14, 1903. Charles Thom, collector. Type specimens no. 15209, Herb. Cornell University.

***Inocybe leptophylla* n. sp.**

Solitaria vel gregaria, 2–4 cm. alta; pileo brunneo vel umbrino, frequenter purpureo tincto, 1–2.5 mm. lato, subsquarroso-squamoso, versus marginem fibrilloso; lamellis stipite adnexus, ellipsoideis, cinnamomeis vel fulvo-olivaceis; acie lamellarum concolore et basidiis et cellis sterilibus praedita; cystidiis nullis; sporis subglobosis vel leniter elongatis, prominenter et radiatim nodulosis, 7–11 x 6–8 μ ; stipite subconcolore, fibrilloso et subsquamuloso, deorsum fuliginoso, sursum pallidore, 2–3 mm. crasso.

On ground and on very rotten wood, Ithaca, N. Y. Type specimens no. 13370, Coy Glen, near Ithaca, N. Y., Aug. 7, 1902. W. Bradfield, collector. Herb. Cornell University. Several other collections have been made of this species.

Related to *In. lanuginosa*, but differs in the absence of cystidia.

***Inocybe leptophylla* var. *cystomarginata* n. var.**

Gregaria, 2-3 cm. alta; pileo brunneo, purpureo-tincto, subsquaroso-squamoso, 1-1.5 cm. lato; lamellis stipite adnexus, cinnamomeis vel fulvo-olivaceis, acie lamellarum cystidiis subampullaeformibus, 35-50 x 12-15 μ , praedita, in superficiem lamellarum cystidiis nullis; sporis prominenter noduloso-angulatis, 9-11 x 7-9 μ ; stipite pileo concolore, fibrilloso-squamoso, 2-3 mm. crasso.

Ground, woods, border of cliff, north side of Fall Creek, near Forest Home, N. Y., July 8, 1917. J. H. Faull, collector. Type specimens no. 24164, Herb. Cornell University.

This may prove to be worthy of specific rank. It differs from *In. lanuginosa* in its different cystidia and their presence only on the edges of the lamellae.

***Inocybe longicystis* n. sp.**

Solitaria, 4-5 cm. alta; pileo atro-brunneo, in centrum squarroso, 2 cm. lato, carne alba demum brunneo tincta; lamellis stipite adnexus, angustis, ellipsoideis, griseis dein brunneo tinctis; cystidiis subcylindrico-ventricosus vel subampullaeformibus, frequenter subcapitatis, in aciem lamellarum frequenter elongatissimis, 50-70 x 15-20 μ ; sporis subglobosis vel leniter elongatis, prominenter substellato-nodulosis, 7-10 x 6-8 μ ; stipite brunneo, ad apicem pallido et fibrilloso, ad basem squamoso, solido, 5 mm. crasso; carne alba tarde brunneo tincta.

On leaf mold on hillside in mixed forest, Endogone Ravine, Seventh Lake, Adirondack Mts., N. Y., Aug. 13, 1917. F. C. Stewart, collector. Type specimens no. 24321, Herb. Cornell University.

***Inocybe marmoripes* n. sp.**

Solitaria vel subcespitosa, 5 cm. alta; pileo ochraceo-fulvo, fibrilloso-squamoso, 2-2.5 cm. lato; lamellis stipite adnatis, olivaceis; acie lamellarum albida et cellis clavatis praedita; cystidiis nullis; sporis angustis, elongatis, subellipsoideis et inequilateralibus, levibus, 8-13 x 3.5-5 μ ; stipite ochraceo-fulvo, fibrilloso, demum irregulariter transversim marmorato-squamoso, 6 mm. crasso.

Ground, woods west of Cayuga Lake, near Glenwood (suburb of Ithaca), N. Y., July 30, 1917. Leva B. Walker, collector. Type specimens no. 24275, Herb. Cornell University.

Inocybe nigrescens n. sp.

Gregaria, 4–6 cm. alta; pileo campanulato vel convexo dein expanso, umbonato, 1.5–3 cm. lato, pallide-brunneo, adpresse-fibrilloso-squamoso, versus marginem interdum leniter rimuloso; lamellis stipite adnexis, ellipsoideis, angustatis, avellaneis dein argillaceo-luteis; cystidiis cylindricis vel subventricosis, subpedicellatis vel nonpedicellatis, membrana moderatim crassa praeditis, $50\text{--}75 \times 12\text{--}16\mu$; sporis subglobosis vel leniter elongatis, prominenter radiatim nodulosis, $9\text{--}11 \times 8\text{--}10$ vel $11 \times 8\mu$; stipite pallide-argillaceo-luteo, bulboso, apice pruinoso, deorsum leniter velutino, siccato nigrescente, 3–4 mm. crasso.

Ground, woods, near Ithaca, N. Y., July 25, 1917. H. E. Stork. Type specimens no. 24260, Herb. Cornell University. On drying the entire plant becomes much darker, the stem black. Related to *In. asterospora*, but distinguished by the very slight rimose condition of the pileus, the subvelvety stem, blackening as it dries, etc.

Inocybe ochraceoscabra n. sp.

Gregaria vel dispergens, 3–4 cm. alta; pileo fulvo-ochraceo, 2–4 cm. lato, convexo dein expanso, subumbonato vel gibboso, adpresse-fibrilloso-squamuloso, umbone frequenter areolato-rimoso et margine repando et partito, carne alba; lamellis stipite adnatis, emarginatis, albis dein avellaneis, acie albida; cystidiis clavato-ventricosis, pedicellatis, membrana crassa praeditis, $45\text{--}60 \times 15\text{--}25\mu$; sporis elongatis, leniter noduloso-angulatis, $9\text{--}12 \times 5\text{--}7\mu$; stipite aequali vel deorsum tenuiore, 3–5 mm. crasso, brunneo, apice pruinoso, exteriore membrana tenui, albido, fibrillosa praedito, carne brunnea.

On grassy ground under young white pine and near hard maple trees, Professor Tichener's lawn, Cornell Heights, Ithaca, N. Y., Aug. 12, 1912. G. F. Atkinson, collector. Type specimens no. 23366, Herb. Cornell University.

Related to *In. decipiens* Bres., but differs in color and character of the stipe, smaller spores, etc.

Inocybe olpidiocystis n. sp.

Gregaria, 5–7 cm. alta; pileo pallide luteo, in centro brunneo, convexo-depresso, margine repando et partito, 4–6 cm. lato; lamellis stipite adnexis, late sinuatis, ventricosis, 8–10 mm. latis, griseis dein subferrugineis; cystidiis ovato-ventricosis, non pedicellatis, membrana crassa praeditis $40\text{--}60 \times 15\text{--}30\mu$; sporis subellipsoideis vel subovatis, inequilateralibus, levibus, $9\text{--}13 \times 6\text{--}8\mu$; stipite albo, fibrilloso-striato, 1–1.25 cm. crasso.

In grassy ground, President White's lawn, Campus, Cornell University, September 22, 1902. W. Bradfield, collector. Type specimens no. 13745, Herb. Cornell University.

***Inocybe paludosella* n. sp.**

Solitaria vel gregaria, 5 cm. alta; pileo campanulato, expanso, dein prominenter umbonato, demum leniter rimosulo, luteo-brunneo, 1.5–2 cm. lato; lamellis stipite adnexis, ellipsoideis, albis, demum ochraceo-fulvis; cystidiis clavato-ventricosis, 45–70 x 12–20 μ ; sporis elongatis, leniter nodulosis, 8–12 x 6–7 μ ; stipite albo, cavo, glabro, basi bulbillo rotundo praedito, 2.5 mm. crasso.

On rich leaf and wood mold in swamp, mixed woods of red spruce, beech, maple, etc., Seventh Lake, Adirondack Mts., N. Y., Aug. 16, 1917. F. C. Stewart, collector. Type specimens no. 24320, Herb. Cornell University.

***Inocybe retipes* n. sp.**

Solitaria, 7 cm. alta; pileo brunneo, 2 cm. lato, campanulato, umbonato, versus marginem sericeo et radiatim fibroso, leniter radiatim rimuloso, circum umbonem adpresse-fibroso-squamoso, cuticula umbonis rimosa; lamellis stipite adnatis, avellaneis dein pallide-brunneis, acie crenulata; cystidiis cylindrico-ventricosis, pedicellatis, membrana crassa praeditis, 60–75 x 14–18 μ ; sporis ovatis, inequilateralibus, levibus, 8–11 x 4–6 μ ; stipite solido, intus albo, aequali, 3 mm. crasso, pileo concolore, fibrilloso-reticulato; reticulo obscuro-brunneo, interstitia pallidiora habente; basi bulbilloso.

Swampy ground by stream, mixed woods of red spruce, maple, beech, etc., Seventh Lake, Adirondack Mts., Aug. 13, 1917. G. F. Atkinson, collector. Type specimen no. 24319, Herb. Cornell University.

***Inocybe rubellipes* n. sp.**

Gregaria, 3–6 cm. alta; pileo luteo-ochraceo, campanulato dein obtuso-umbonato, 1–1.5 cm. lato, adpresse-squamuloso, in centro frequenter areolato-rimoso, versus marginem leniter rimuloso, carne albida; lamellis stipite adnexis, angustatis, confertissimis, avellaneis, fractis rubescentibus; cystidiis numerosis, cylindricis, rarer sub-ventricosis, pedicellatis, 55–80 x 12–18 μ ; sporis ovalibus, inequilateralibus, levibus, 7–12 x 5–7 μ ; stipite 3–4 mm. crasso, pileo concolore sed pallidior, basi albo, fracto rubescente.

Ground, woods, Fall Creek Gorge, Ithaca, N. Y., June 21, 1911. B. B. Higgins, collector. Type specimens no. 23042, Herb. Cornell University.

Related to *In. trinii*, but differs in color of the pileus and stem being somewhat yellowish, different spores, and cystidia, pileus not becoming reddish, etc.

***Inocybe sambucella* n. sp.**

Gregaria vel dispergens, 4–5 cm. alta; pileo albo, convexo dein expanso, subrepando, levi, 2–2.5 cm. lato, cortice cellis magnis

praedito, cuticula pilei fibrillis veli universalis probabiliter facta; lamellis stipite adnexis, avellaneis; cystidiis subellipsoideis vel clavatis vel subventricosis, membrana crassa praeditis, $40-50 \times 11-15\mu$; sporis subovalibus vel suboblongis, levibus, $7-10 \times 4-6\mu$; stipite albo, 4-5 mm. crasso, fibrilloso-striato, sursum pruinoso.

Ground, Cascadilla woods, Campus, Cornell University, Ithaca, N. Y., Nov. 4, 1905. C. W. Edgerton, collector. Type specimens no. 19579, Herb. Cornell University.

***Inocybe submuricellata* n. sp.**

Solitaria, 4-5 cm. alta; pileo pallide-ochraceo, campanulato dein expanso et umbonato, tenuiter fibrilloso-squamuloso, 2-3 cm. lato; lamellis stipite attenuato-adnexis, pallide-luteis, acie albida; cystidiis numerosis, cylindricis vel cylindrico-ventricosis, pedicello frequenter longissimo, membrana crassa praeditis, $50-100 \times 10-24\mu$; sporis ovalibus, subreniformibus, inequilateralibus, levibus, $8-12 \times 5-7\mu$; stipite pileo concolore sed pallidiore, fibroso-striato, fibrilloso, sursum pruinoso, 3-4 mm. crasso.

On decaying leaves of conifers, Coy Glen, near Ithaca, N. Y., Oct. 29, 1902. C. H. Kauffman, collector. Type specimens no. 14180, Herb. Cornell University.

Related to *In. muricellata* Bres. Ann. Myc. 3: 160, no. 1905, but differs in having delicate fibrillose scales, not truly scaly, adnexed lamellae, stipe not marginate bulbous, etc.

***Inocybe subrubescens* n. sp.**

Solitaria vel gregaria, 4-6 cm. alta; pileo subochraceo demum leniter rubescente, 1.5-2.5 cm. lato, campanulato, expanso dein umbonato, prominenter squamoso, margine leniter squamuloso; lamellis stipite adnexis, ellipsoideis, umbrinis, acie lamellarum alba et cellis clavatis praedita; cystidiis nullis; sporis subreniformibus, levibus, $12-17 \times 6-8\mu$; stipite aequali, subochraceo, demum rubescente, apice scabriusculo, versus basim sparsim velutino, solido, carne alba demum subrufescente.

On ground in a small wood north side of Fall Creek, Ithaca, N. Y., Oct. 16, 1909. Adeline Ames. Type specimens no. 22717, Herb. Cornell University.

Resembles *In. scabra*, but differs in absence of cystidia, reddish color, larger spores, etc.

***Inocybe tenerrima* n. sp.**

Gregaria vel dispergens, 2-3 cm. alta; pileo conico, umbonato, rubello-brunneo, subfibrilloso-squamoso, carne non rubescente, 3-4

mm. alto et lato; lamellis avellaneis dein rufo-brunneis, adnato-adnexus, ventricosis, acie lamellarum cellis clavatis vel subventricosis praedita; sporis subreniformibus, levibus, $9-15 \times 6-8\mu$; stipite pileo concolore, fibrilloso, solido, apice albo et pruinoso, carne alba non rubescente.

Ground in woods south of Michigan Hollow, near Danby, N. Y., Aug. 4, 1917. J. H. Faull, collector. Type specimens no. 24285, Herb. Cornell University.

Related to *In. hirsuta* and *In. calamistrata*, but differs from the former in size, in stipe not greenish at base, lamellae ventricose, etc., and from the latter in stipe not blue at base; from both in scales not squarrose but lanuginose.

***Inocybe tubarioides* n. sp.**

Gregaria, 3-5 cm. alta; pileo convexo dein expanso, hygrophano, pallido-castaneo, minute fibrilloso-squamosa, 6-12 mm. lato; lamellis concoloribus, subtriangularibus, dente decurrentibus, acie albida; cystidiis subcylindricis vel subclavatis, $60-75 \times 12-16\mu$; sporis noduloso-angulatis, obovatis vel subquadratis, $6-9 \times 4-6\mu$; stipite concolore, fibrilloso.

On very rotten wood, McGowan's woods, near Ithaca, N. Y., July 17, 1903. C. H. Kauffman, collector. Type specimens no. 15238, Herb. Cornell University. Other collections are no. 15294, on very rotten wood, McGowan's woods, July 21, 1903, H. S. Jackson, collector; no. 18350, on very rotten wood, McGowan's woods, July 13, 1904, H. S. Jackson.

Superficially the plants resemble *Tubaria furfuracea*.

***Inocybe ventricosa* n. sp.**

Gregaria, 3-4 cm. alta; pileo convexo-expanso dein leniter gibboso, 1-2.5 cm. lato, luteo-ochraceo, margine subrimuloso; lamellis stipite adnexus, subluteis; cystidiis ellipsoideo-clavato-ventricosis, membrana crassa praeditis $40-55 \times 12-18\mu$; sporis leniter noduloso-angulatis, $6-9 \times 5-6\mu$; stipite luteo-subochraceo, aequali, vel basi interdum leniter incrassato, leniter albo-velutino, apice praecipue pruinoso, deorsum leniter fibrilloso, 2-3 mm. crasso.

On ground near Beebe Lake, Aug. 11, 1903. W. Bradfield, collector. Type specimens no. 13453, Herb. Cornell University.

***Inocybe violaceoalbipes* n. sp.**

Gregaria vel subcespitosa, 4-4.5 cm. alta; pileo pallide ochraceo-fulvo, convexo dein expanso, subgibboso, prominenter squamoso et

irregulariter rimoso, versus marginem leniter radiatim rimuloso, 2–2.5 cm. lato; lamellis late sinuato-adnexus, ventricosus, isabellinis demum ferrugineo-fulvis; cystidiis cylindricis vel ventricosus, membrana crassa praeditis, 50–70 x 10–16 μ ; sporis ovalibus vel subreniformibus, inequilateralibus, levibus, 8–10 x 5–6 μ ; stipite 4–5 mm. crasso, deorsum albo, sursum violaceo, minute albido-velutino, non squamoso, basi bulbosa cuius volva membranacea interdum se liberat; deorsum carne alba, sursum violacea.

Ground, Cascadilla woods, Campus, Cornell University, Ithaca, N. Y., Oct. 3, 1907. E. J. Petry, collector. Type specimens no. 22171, Herb. Cornell University.

Related to *In. obscura* and *In. cincinnata*.

Inocybe virgata n. sp.

Solitaria vel gregaria, 5–8 cm. alta; pileo campanulato dein expanso et umbonato, levi, 1.5–2.5 cm. lato, radiatim fibroso et leniter rimoso, atro-brunneo, versus marginem pallidiore et virgato; lamellis stipite adnatis, sinuato-uncinatis, subdistantibus, albis, demum fulvo-olivaceis, acie albida; cystidiis ventricosus vel clavato-ventricosus, pedicellatis, membrana moderatim crassa praeditis, 40–65 x 15–20 μ ; sporis ovalibus vel ovato-subellipsoideis, vel fabiformibus, levibus, 7–10 x 5–6 μ ; stipite concolore, sursum pallidiore, basi albo-myceleoideo, 3–4 mm. crasso, apice albo-pruinoso, carne brunneo tincta.

On bare wet ground or leaf mold in swamps. No. 25079 (type specimens, Herb. Cornell University) on bare ground in a spruce moor by Millers Run, beyond Hoop Pole Ridge, near Oakland, Md., Sept. 27, 1917. G. F. Atkinson, collector. No. 25063 on leaf mold in low swampy ground along stream near Boiling Spring, a few miles from Deer Park, Md., Sept. 21, 1917. G. F. A.

A number of the above described species have, for several years, received provisional MS. names as a matter of temporary convenience. Several of these have been changed to more suitable names. Unfortunately two of these provisional names were published through inadvertence.¹ Since the descriptions could not well be drawn from the dried Michigan plants, it seems desirable not to employ those *nomina nuda*, and more appropriate names are here used in their stead. *In. entomospora* becomes *In. leptophylla* and *In. scabroides* becomes *In. leptocystis*, unless the Michigan plants should prove to be specifically distinct from these two described here.

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¹ See Kauffman, C. H. Unreported Michigan Fungi, p. 34. Michigan Acad. Sci. 8: 26–37.



Atkinson, George Francis. 1918. "Some new species of *Inocybe*." *American journal of botany* 5(4), 210–218.

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