

## NEW SPECIES OF HYDNANGIACEAE

SANFORD M. ZELLER

*Plant Pathologist, Oregon State Agricultural College and Experiment Station  
Formerly Visiting Fellow, Henry Shaw School of Botany of Washington University*

AND CARROLL W. DODGE

*Mycologist to the Missouri Botanical Garden*

*Professor in the Henry Shaw School of Botany of Washington University*

Since the publication of our monograph of the Hydnangiaceae has been unavoidably delayed, it seems desirable to record the following new species and new combinations in this group.

**ARCANGELIELLA africana** (Lloyd) Zeller & Dodge, comb. nov.

*Octaviania africana* Lloyd, Myc. Notes 67: 1142. 1922.

*Octaviania africana* Verwoerd, S. Afr. Jour. Sci. 22: 164. 1925.

**ARCANGELIELLA alveolata** (Cooke & Masee) Zeller & Dodge, comb. nov.

*Octaviania alveolata* Cooke & Masee, Grevillea 16: 2. 1887.

*Octavianina alveolata* O. Kuntze, Rev. Gen. Pl. 3<sup>2</sup>: 501. 1898.

*Gymnomyces pallidus* Masee & Rodway, Kew Bull. Misc. Inf. 1898: 125. 1898.

*Elasmomyces russuloides* Setchell, Jour. Mycol. 13: 240-241. 1907.

*Hydnangium glabrum* Rodway, Papers & Proc. Roy. Soc. Tasmania 1920: 157. 1921.

**ARCANGELIELLA ambigua** Zeller & Dodge, sp. nov.

Fructificationes pyriformes vel irregulares, lobatae, ad 5 cm. diametro metientes, sordide albidae tactu caerulescentes nigrescentesque, "honey-yellow" vel "light brownish olive" siccatae, superficie glabra, rimosa; basis sterilis prominens, stipitifomis, suberosa; columella prominens percurransque; peridium crassissimum, ad 1500  $\mu$  crassitudine, secernibile, hyphis magnis, dense contextis, 4-7.5  $\mu$  diametro, lactiferis, cum hyphis et funiculis prosenchymaticis (hyphis tenuioribus ad glebam); gleba "chocolate" vel "wine color," "blackish brown" vel "antique brown" et "auburn" siccata, locellis parvis, sinuosis; septa 35-45  $\mu$  crassitudine,

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fragilia, hyphis magnis dense contextis, lactiferis cum hyphis; basidia 20–24 × 6–8  $\mu$ , clavata, 2- vel 4-sporea, sterigmatibus brevibus; sporae obscure brunneae, ovoideae vel ovoideo-citriformes, utriculo inconseipuo, 9–10-rugoso, immaturae 13–15 × 8–9  $\mu$ , maturae 11–12.5 × 8–11  $\mu$ .

CALIFORNIA: Santa Clara County, Saratoga, *Dale Parks*, type (in Univ. Cal. Herb., as H. E. Parks 825 and Z 31; also in Dodge Herb. and Zeller Herb.).

**ARCANGELIELLA asterosperma** (Vittadini) Zeller & Dodge, comb. nov.

*Octaviania asterosperma* Vittadini, Monogr. Tuberc. 17. 1831.

var. **depauperata** (Tulasne) Zeller & Dodge, comb. nov.

*Octaviania asterosperma* var. *depauperata* Tulasne, Fung. Hypog. 78. 1851.

*Octaviania vacua* Tulasne, herb. nom.

var. **hololeuca** (Hesse) Zeller & Dodge, comb. nov.

*Octaviania asterosperma* var. *hololeuca* Hesse, Hypog. Deutschl. 1: 74. 1891.

**ARCANGELIELLA Beccari** (Petri) Zeller & Dodge, comb. nov.

*Clathrogaster Beccari* Petri, Malpighia 14: 126. 1900.

**ARCANGELIELLA Behrii** (Harkness) Zeller & Dodge, comb. nov.

*Splanchnomyces Behrii* Harkness, Bull. Cal. Acad. Sci. 1: 30. 1884.

*Hymenogaster Behrii* De Toni in Sacc. Syll. Fung. 7: 174. 1888.

var. **caudata** Zeller & Dodge, comb. nov.

*Arcangeliella caudata* Zeller & Dodge, Ann. Mo. Bot. Gard. 6: 49–52. 1919.

**ARCANGELIELLA brunneola** (Harkness) Zeller & Dodge, comb. nov.

*Octaviania brunneola* Harkness, Proc. Cal. Acad. Sci. Bot. III. 1: 251. 1899.

*Octaviania microsporium* Mattiolo, herb. nom.

**ARCANGELIELLA Campbellae** Berkeley & Broome, sp. nov.

*Hymenogaster Campbellii* Berkeley & Broome, nom. herb.

Fructificationes subsphaericae, obovoideae vel lobatae, inferne attenuatae, 1–2.5 cm. diametro metientes, caespitosae, violascentes, “clay color” vel “tawny olive”

siccatae, superficie glabra; basis sterilis conica, in glebam prominens vel percurrens; columella adest, inferne attenuata, stipitiformis, spongiosa, prosenchymatica, hyphis hyalinis; peridium 100–115  $\mu$  crassitudine, hyphis gelificatis hyalinis contextis, periclinalibus in superficie, diagonalibus in strato extero, laxe periclinalibus in strato medio et dense periclinalibus in strato intero; gleba "ochraceous tawny" siccata, locellis ab basi sterili radiantibus; septa scissilia, hyalina, prosenchymatica, 14–22  $\mu$  crassitudine; basidia non visa; sporae ellipsoideae, apice obtuso, subpedicellatae, brunneae, 8–10 (–11)  $\times$  4.4–5.6 (–7)  $\mu$ , minute foveolatae.

AUSTRALIA: Victoria, Melbourne (Lilydale), *F. Campbell 27a* (*Mrs. Martin 429*) (in Kew Herb., Lloyd Mus. 0229, and N. Y. Bot. Gard. Herb. marked "from Massee Herb.>").

### ARCANGELIELLA *cremea* Zeller & Dodge, sp. nov.

Fructificationes irregulares, subreniformes, 1  $\times$  2  $\times$  2 cm., "light buff" vel "cinnamon buff" siccatae; columella *cremea* percurrens; peridium variabile crassitudine ad 250  $\mu$ , hyphis magnis, periclinalibus, prosenchymaticum, lactiferis cum hyphis; gleba firma, "cinnamon buff"; septa 120–130  $\mu$  crassitudine, pseudo-parenchymatica, paucis cum hyphis magnis periclinalibus in strato medio; basidia brevia, cylindrica, 14  $\times$  8  $\mu$ , sterigmatibus tenuibus, ad 4  $\mu$  longitudine; sporae sphaericae, luteae, alveolatae, dein ad 24 echinis in circulo magno, 9–11  $\mu$  diametro.

OREGON: Benton County, Scott's Hill south of Corvallis, *R. Sprague*, type (in Zeller Herb. 7927, and in Dodge Herb.).

### ARCANGELIELLA *Curtisii* Zeller & Dodge, sp. nov.

*Hydnangium Ravenelii* Farlow in Foerste, Bot. Gaz. 19: 37. 1894, non aliorum.

Fructificationes 0.7–1.4 cm. diametro, "isabella color" vel "brownish olive" siccatae; peridium 100–300  $\mu$  crassitudine, hyphis periclinalibus, tenuibus, in fibrillis lactiferis cum hyphis contextis; gleba "pinkish buff" vel "cinnamon buff" siccata; septa 30–40  $\mu$  crassitudine, stupposa, scissilia; basidia non visa; sporae sub-sphaericae vel late ellipsoideae, 8–11  $\times$  7.4–9  $\mu$ , aspere reticulatae.

SOUTH CAROLINA: Darlington County, Society Hill, *M. A. Curtis*, type (Mo. Bot. Gard. Herb. 5647, and in Curtis Herb. at Farlow Herb.).

### ARCANGELIELLA *ellipsoidea* Zeller & Dodge, sp. nov.

Fructificationes 0.7–3.0 cm. diametro et 1–2 cm. altitudine, depresso-globosae, pyriformes vel reniformes, "honey-yellow" vel "isabella color" siccatae; basis sterilis prominens; columella percurrens; peridium 170–350  $\mu$  crassitudine, prosenchymaticum, cellulis magnis, cum funiculis periclinalibus hyphisque lactiferis; gleba "cinnamon rufous" vel "hazel," locellis magnis; septa 30–65  $\mu$  crassitudine, prosenchymatica, facile scissilia; basidia non visa; sporae ovoideae immaturae, ellipsoideae maturae, obscure brunneae, minute alveolatae, 10–12  $\times$  6–7.4  $\mu$ .

TASMANIA: Hobart, *L. Rodway 1236*, type (in Dodge Herb.).

ARCANGELIELLA *Gardneri* (Zeller & Dodge) Zeller & Dodge, comb. nov.

*Gymnomyces Gardneri* Zeller & Dodge, Ann. Mo. Bot. Gard. 6: 54-55. 1919.

**ARCANGELIELLA glabrella** Zeller & Dodge, sp. nov.

Fructificationes 1-1.5 cm. diametro (0.5-1.0 cm. siccatae) metientes, subsphaericae vel depresso-globosae, glabrae, albidae vel brunnescentes, sordide albidae vel "buckthorn-brown" siccatae; columella percurrens, fibrosa, lactiferis cum hyphis insulisque parenchymaticis; peridium ad 640  $\mu$  crassitudine superne vel 80-130  $\mu$  inferne, pseudoparenchymaticum, cellulis magnis superficie hyphis dense contextis et lactiferis cum hyphis; gleba alba, "ivory yellow" vel "cream buff" siccata; septa tenuia, scissillima, locellis subsphaericis, hyphis periclinalibus lactiferisque; cystidia in finibus hypharum lactiferarum, cylindrica, rupta, sphaeras laticis exudentia; basidia non visa; sporae hyalinae, laeves vel superne subrugosae, pedicellatae, subsphaericae, 4-6  $\mu$  diametro.

TASMANIA: Kingston, Leslie Road, *L. Rodway 1111*, type (in Lloyd Mus., Dodge Herb., and Zeller Herb.).

**ARCANGELIELLA krjukowensis** (Bucholtz) Zeller & Dodge, comb. nov.

*Secotium (Elasmomyces) krjukowense* Bucholtz, Hedwigia 40: 314-315. 1901.

var. **michailowskjana** (Bucholtz) Zeller & Dodge, comb. nov.

*Secotium (Elasmomyces) michailowskjanum* Bucholtz, Hedwigia 40: 315. 1901.

**ARCANGELIELLA laevis** (Hesse) Zeller & Dodge, comb. nov.

*Octaviania laevis* Hesse, Hypog. Deutschl. 1: 80-81. 1891.

*Octavianina laevis* O. Kuntze, Rev. Gen. Pl. 3<sup>2</sup>: 501. 1898.

*Octaviania levis* Sacc. Syll. Fung. 11: 169. 1895.

**ARCANGELIELLA nana** (Massee & Rodway) Zeller & Dodge, comb. nov.

*Hymenogaster nanus* Massee & Rodway, Kew Bull. Misc. Inf. 1899: 180. 1899.

**ARCANGELIELLA occidentalis** (Harkness) Zeller & Dodge, comb. nov.

*Octaviania occidentalis* Harkness, Proc. Cal. Acad. Sci. Bot. III. 1: 253. 1899.

**ARCANGELIELLA pilosa** Zeller & Dodge, sp. nov.

Fructificationes 3-4.5 cm. diametro, 1-4 cm. altitudine metientes, sphaericae vel depresso-pyriformes, contractae siccatae, albidae, rufescentes, "citrine drab,"

“light brownish olive” vel “olive” siccatae, laeves, pilosae; basis sterilis prominens; columella ramosa, percurrens, hyphis laxè implexis; peridium 500–1000  $\mu$  crassitudine recens (240–320  $\mu$  siccatum), prosenchymaticum, gelificatum, lactiferis cum hyphis, superficie hyphis radialibus, 30–40  $\mu$  longitudine, pilosa; gleba firma, gelificata, “buff,” dura, “cinnamon” vel “Saccardo’s umber” siccata, locellis parvis, vacuis collabentibus; septa 20–35  $\mu$  crassitudine, hyphis tenuibus, laxè implexis, lactiferis cum hyphis; basidia clavata, tetraspora; sporae hyalinae, subsphaericae, minute alveolatae, echinulatae, 10–12  $\mu$  diametro.

CALIFORNIA: Santa Clara County, Guadalupe, *H. E. Parks 4th, Z340*, type, 524, 525 (in Zeller Herb. and Dodge Herb.).

*ARCANGELIELLA scissilis* Zeller & Dodge, sp. nov.

Fructificationes irregulares, ad 3 cm. diametro, superficie glabra, lutescentes, “tawny” siccatae; columella tenuis, alba, mediam fructificationis attingens; peridium lentum, facile secernibile, 320–400  $\mu$  crassitudine siccatum, pseudoparenchymaticum, superficie prosenchymatica, lactiferis cum hyphis; gleba cremea, “antimony yellow” siccata, densa; septa 25–35  $\mu$  crassitudine, prosenchymatica, lactiferis cum hyphis; basidia non visa; sporae sphaericae, minute alveolatae, echinulatae, obscure luteae, 11–15  $\mu$ . Odor *Hamamelidis virginianae*.

CALIFORNIA: Humboldt County, Trinidad, *H. E. Parks 4125*, type (in Zeller Herb.).

*ARCANGELIELLA socialis* (Harkness) Zeller & Dodge, comb. nov.

*Octaviania socialis* Harkness, Proc. Cal. Acad. Sci. Bot. III. 1: 252. 1899.

*ARCANGELIELLA tasmanica* (Kalchbrenner) Zeller & Dodge, comb. nov.

*Hydnangium tasmanicum* Kalchbrenner in Masee, Grevillea 19: 95. 1891.

*ARCANGELIELLA violacea* (Masee & Rodway) Zeller & Dodge, comb. nov.

*Hymenogaster violaceus* Masee & Rodway, Kew Bull. Misc. Inf. 1898: 127. 1898.

*ARCANGELIELLA vulvaria* (Petri) Zeller & Dodge, comb. nov.

*Clathrogaster vulvarius* Petri, Malpighia 14: 126. 1900.

*MACOWANITES magnus* Parks, sp. nov.

Pileus 3–14 cm. diametro agariciformis, irregulariter expansus, conicus immaturus, subplanus maturus, marginibus irregularibus vel sinuosis; superficies laevis, viscida, “pale tan” vel obscure brunnea recens, “fawn-brown” vel “army-brown” vel “cinnamon-buff” siccata; stipes brevis, 3–7 cm. longitudine, crassus, ad 3 cm., albus, fragilis, bulbosus, inferne attenuatus, subglaber vel innato-fibrillosus, hyphis

longitudinalibus, tenuibus; gleba alba, "warm buff" vel vinacea siccata, spongiosa ut in *Gautieria morchelliformi*, locellis ab stipite radiantibus, liberis vel adnexis, inferne aperta, superne peridio tecta; peridium duplex, strato intero 250–380  $\mu$  crassitudine, laxo stupposo, funiculis hyphis tenuibus, strato extero 70–120  $\mu$ , compacto, stupposo, hyphis gelificatis, viscido, locellis magnis, labyrinthiformibus; septa ad 170  $\mu$  (ad 95  $\mu$  inter hymenia) crassitudine, stupposa, strato subhymenialia pseudoparenchymatico; basidia magna, cylindrica vel subclavata, bisporigera, 20–24  $\times$  10–11  $\mu$ , sterigmatibus brevibus; sporae subsphaericae, echinis brevibus, minutis, hyalinae, 7.5–10  $\mu$  diametro. Odor saporque *Lactarii* dein pungens.

CALIFORNIA: Santa Clara County, Call-of-the-Wild, *H. E. Parks 208*, type (in Univ. Cal. Herb., Dodge Herb., and Zeller Herb. 2804).

ELASMOMYCES **borneensis** (Petri) Zeller & Dodge, comb. nov.  
*Octaviania borneensis* Petri, *Malpighia* 14: 128. 1900.

ELASMOMYCES **echinosporus** Zeller & Dodge, comb. nov.  
*Macowanites echinosporus* Zeller & Dodge, *Ann. Mo. Bot. Gard.* 6: 57–58. 1919.

SCLEROGASTER **Broomeianus** Zeller & Dodge, sp. nov.  
*Octaviania compacta* Masee, *Ann. Bot.* 4: 32–33. 1889  
[often cited as *Monog.* Brit. *Gast.* 32–33. 1889].

SCLEROGASTER **candidus** (Tulasne) Zeller & Dodge, comb. nov.  
*Hydnangium candidum* Tulasne, *Ann. Sci. Nat. Bot.* II. 19: 376. 1843.

SCLEROGASTER **hysterangioides** (Tulasne) Zeller & Dodge, comb. nov.

*Hydnangium hysterangioides* Tulasne, *Fung. Hypog.* 76. 1851.

*Octaviania hysterangioides* Lloyd, *Myc. Notes* 67: 1141. 1922.

SCLEROGASTER **luteocarneus** (Bresadola) Zeller & Dodge, comb. nov.

*Octaviania luteocarnea* Bresadola, *Ann. Myc.* 18: 54. 1920.

SCLEROGASTER **pacificus** Zeller & Dodge, sp. nov.

Fructificationes subsphaericae, 0.8–1.0 cm. diametro metientes, albae; basis sterilis adest; columella non visa; peridium evanescens, ad 100  $\mu$  crassitudine, pseudoparenchymaticum, cellulis 20  $\times$  30  $\mu$ ; gleba "ochraceous buff," firma, deinde friabilis, locellis polyhedricis, sporis impletis; septa tenuia, 20–30  $\mu$  crassitudine, hyphis tenuibus, laxo implexis; basidia clavata, evanescentia; sporae sphaericae, verrucis magnis, 9–10 in circulo magno, 7–8  $\mu$  diametro.

OREGON: Coos County, Bandon, *S. M. Zeller 7425* (in Zeller Herb. and Dodge Herb.).

**SCLEROGASTER sculus** Zeller & Dodge, sp. nov.

*Sclerogaster lanatus* Mattiolo, *Malpighia* 14: 85-86. 1900, non Hesse.

Fructificationes 0.6 × 0.4 cm. diametro metientes, depresso-globosae, albidae, floccosae; peridium duplex, strato extero variabili crassitudine, hyphis tenuibus contextum, strato intero ad 90 μ crassitudine, hyphis periclinalibus dense contextum; gleba ochraceo-fulva, locellis sporis impletis; septa ad 30 μ inter hymenia, hyphis periclinalibus; basidia evanescentia; sporae brunneae, sparse minuteque echinatae, episporio crasso.

ITALY: Sicily, Fanfani a Cefalù, forest of S. Cosimo, *O. Mattiolo* (in Dodge Herb.).

**HYDNANGIUM Archeri** (Berkeley) Zeller & Dodge, comb. nov.

*Octaviania Archeri* Berkeley in J. D. Hooker, *Bot. Antarctic Voy. III. Fl. Tasmaniae* 2: 263-265. 1859.

**HYDNANGIUM citrinum** (Harkness) Zeller & Dodge, comb. nov.

*Octaviania citrina* Harkness, *Proc. Cal. Acad. Sci. Bot. III. 1: 252. 1899*; Sacc. & Sydow in *Sacc. Syll. Fung.* 16: 248-249. 1902.

**HYDNANGIUM Eisenii** (Harkness) Zeller & Dodge, comb. nov.

*Melanogaster Eisenii* Harkness, *Proc. Cal. Acad. Sci. Bot. III. 1: 259. 1899*.

**HYDNANGIUM Gilkeyae** Zeller & Dodge, sp. nov.

Fructificationes oblongae vel subsphaericae, ad 4.5 × 3 × 3 cm. metientes, fragiles, superficiei glabra, venis innato-reticulatis, "buff," brunneo-maculatae, "pinkish buff" vel "tawny olive" siccatae, venis obscurioribus; basis sterilis non visa; peridium 150-200 μ crassitudine, 70-85 μ siccatum, prosenchymaticum, stuposum siccatum; gleba alba vel cremea recens, "pale orange yellow" vel "maize-yellow" siccata; septa 35-40 μ crassitudine, scissilia in angulis, hyphis magnis laxè implexis; basidia uni- vel bispora, clavata; sporae subsphaericae, luteo-brunneae, echinis magnis, 3-3.5 μ longis, episporio 0.7-1.0 μ crassitudine, pedicellatae, 18-22 × 14.5-18.5 μ echinis inclusis.

OREGON: Linn County, near the Peoria road, *Helen M. Gilkey*, type (in Oregon State College Herb., Dodge Herb., and Zeller Herb. 2334).

**HYDNANGIUM Hessei** (O. Kuntze) Zeller & Dodge, comb. nov.

*Octavianina Hessei* O. Kuntze, *Rev. Gen. Pl.* 3<sup>2</sup>: 501. 1898.

**HYDNANGIUM laeve** (Hesse) Zeller & Dodge, comb. nov.

*Octaviania laevis* Hesse, Hypog. Deutschl. **1**: 80–81. 1891.

*Octavianina laevis* O. Kuntze, Rev. Gen. Pl. **3**<sup>2</sup>: 501. 1898.

*Octaviania levis* Sacc. Syll. Fung. **11**: 169. 1895.

**HYDNANGIUM lanigerum** (Hesse) Zeller & Dodge, comb. nov.

*Octaviania lanigera* Hesse, Hypog. Deutschl. **1**: 79–80. 1891; Sacc. Syll. Fung. **11**: 169. 1895.

*Octavianina lanigera* O. Kuntze, Rev. Gen. Pl. **3**<sup>2</sup>: 501. 1898.

**HYDNANGIUM luteum** (Hesse) Zeller & Dodge, comb. nov.

*Octaviania lutea* Hesse, Jahrb. f. wiss. Bot. **16**: 255. 1885.

**HYDNANGIUM mistiforme** (Mattirolo) Zeller & Dodge, comb.

nov.

*Martellia mistiformis* Mattirolo, Malpighia **14**: 78–82. 1900.

**HYDNANGIUM monticola** (Harkness) Zeller & Dodge, comb.

nov.

*Octaviania monticola* Harkness, Proc. Cal. Acad. Sci. Bot. III. **1**: 254. 1899.

**HYDNANGIUM pusillum** Harkness, sp. nov.

*Octaviania pusilla* Harkness, herb. nom.

Fructificationes 1 cm. diametro metientes, cinnamomeae; basis sterilis prominens, hemispherica, cum stipite tenui, brevi; peridium ad 200  $\mu$  crassitudine, hyphis hyalinis, periclinalibus; gleba "buckthorn-brown," locellis magnis, irregularibus, vacuis; septa 100  $\mu$  crassitudine, hyphis tenuibus, hyalinis, gelificatis; basidia late clavata, bispora, sterigmatibus 3–4  $\mu$  longis; sporae 15  $\mu$  diametro, echinis longis, tenuibus.

CALIFORNIA: *H. W. Harkness 282*, type (in Dudley Herb. at Leland Stanford Jr. Univ.).

**HYDNANGIUM Soehneri** Zeller & Dodge, sp. nov.

Fructificationes sphaericae vel reniformes, 0.6  $\times$  0.9 cm., nigro-brunneae vel nigrae siccae; basis sterilis columellaque non visae; peridium 50–60  $\mu$  crassitudine, prosenchymaticum, cellulis parvis, gelificatis; gleba "Sudan brown," locellis magnis, vacuis; septa tenuia, subscissilia, hyphis magnis, brunneis, laxe implexis; basidia magna, cylindrica, celeriter collabentia; sporae ellipsoideae, obscure brunneae, 15.4–18.2  $\times$  12.4–14  $\mu$ .

GERMANY: Bayern, Wolfratshausen, Pupplinger Heide, *E. Soehner*, type (in Soehner Herb. and Dodge Herb.).

**HYDNANGIUM Thaxteri** Zeller & Dodge, sp. nov.

Fructificationes sphaericae, rubrae, "capucine yellow" siccae; columella inconspicua si vere adsit; peridium 125–130  $\mu$  crassitudine, strato extero 30  $\mu$  crassitudine,



hyphis tenuibus dense contextum, strato intero 100  $\mu$  crassitudine, hyphis majoribus laxe implexis, subpericlinalibus; gleba "orange buff" vel "light ochraceous buff," locellis minutis; septa 50–60  $\mu$  crassitudine, hyphis tenuibus contextis, subhymenio pseudoparenchymatico; basidia breviter, cylindrica, sterigmatibus longis; sporae 7–8  $\mu$  diametro, sphaericae, echinis 20–24, tenuibus, in circulo magno.

CHILE: Concepción, *R. Thaxter* (in Farlow Herb.).

HYDNANGIUM **tuberculatum** (Hesse) Zeller & Dodge, comb. nov.

*Octaviania tuberculata* Hesse, Hypog. Deutschl. 1: 75–77. 1891; Sacc. Syll. Fung. 11: 169. 1895.

*Octavianina tuberculatum* O. Kuntze, Rev. Gen. Pl. 3<sup>3</sup>: 501. 1898.

MELANOGASTER AMBIGUUS (Vittadini) Tulasne, Ann. Sci. Nat. Bot. II. 19: 378. 1843.

var. **eurysperma** Zeller & Dodge, var. nov.

Fructificationes sphaericae vel irregulares, ad 3.5 cm. diametro metientes, "snuff-brown" vel "bister," immutabiles siccatae, superficie laevi; fibrillae paucae, concolores, non radiantes, adnato-appressae; peridium crassum, 320–400  $\mu$  crassitudine, hyphis obscure brunneis, subvesiculososis, stippositis, magnitudine variabilibus; gleba septis albis, flavescens siccatis, locellis nigerrimis, gelificatis, ad 3 mm. diametro; septa hyphis tenuibus, ad 2.5  $\mu$  diametro; basidia pyriformia, 5  $\times$  7  $\mu$ , pedicellis longis, 2.5  $\mu$  diametro, tetraspora, sterigmatibus brevibus ad 3  $\mu$  longitudine; sporae ellipsoideae vel citriformes, nigrae, 10–11  $\times$  7.5–9  $\mu$ . Odor vini rhenani.

OREGON: Polk County, Rickreall, *Etta Neidheiser*, type (in Zeller Herb. 2660, and in Dodge Herb.).

By a regrettable error the new combination *Hymenogaster viscidus* was not so designated in our previous paper (Ann. Mo. Bot. Gard. 21: 625–708. 1934). The revised synonymy should read as follows:

HYMENOGASTER VISCIDUS Zeller & Dodge, Ann. Mo. Bot. Gard. 21: 642. 1934.

*Hysterangium viscidum* Masee & Rodway, Kew Bull. Misc. Inf. 1898: 127. 1898.

*Protoglossum luteum* Masee, Grevillea 19: 97. 1891, fide Cunningham, Proc. Linn. Soc. N. S. Wales 59: 169. 1934.

*Hymenogaster luteus* Cunningham, Proc. Linn. Soc. N. S. Wales 59: 169. 1934, non aliorum.