

## FUNGI OF THE DOMINICAN REPUBLIC—XYLARIACEA

By JULIAN H. MILLER<sup>1</sup>

The Xylariaceae of the Dominican Republic are relatively little known, and in Ciferri's list (2), only thirteen species are reported. In Puerto Rico and the Virgin Islands, Seaver and Chardón (4), report fifty-three species from a much smaller territory. Our unsatisfactory knowledge of the Dominican Xylariaceae is due to the fact that previous mycological explorers showed little or no interest in collecting saprophytic forms, confining themselves almost exclusively to plant parasites.

M. J. Berkeley (1) in 1852, reported the following species:

1. **Hypoxylon concentricum** Berk  
Now *Daldinia concentrica* (Bolt. ex Fr.) Ces. & De Not.
2. **Hypoxylon comosum** Berk  
Now *Xylaria comosa* (Berk.) Mont.
3. **Hypoxylon domingensis** Berk  
Now *Xylaria domingensis* (Berk.) Sacc.
4. **Hypoxylon grammicum** Berk  
Now *Xylaria grammica* (Berk.) Mont.
5. **Hypoxylon obtusissima** Berk  
Now *Xylaria obtusissima* (Berk.) Sacc.

Feé (3) in 1835, was the first to report a species of this group from Santo Domingo, describing *Sphaeria divaricata*, which is now called *Xylaria divaricata* (Feé) Sacc.

R. A. Toro (5), in 1927, reported six additional species, one of which, *Daldinia concentrica*, had already been collected. The rest of them were:

6. **Kretzschmaria rugosa** Earle
7. **Nummularia Bulliardi** Tul
8. **Xylaria apiculata** Cooke
9. **Xylaria arbuscula** Sacc
10. **Xylaria consociata** Starb

With regards to Toro's collections, the following comments are pertinent: *Kretzschmaria rugosa* is a synonym of *Xylaria anisopleura*, *Nummularia Bulliardi* apparently does not occur in the tropics, and *Xylaria apiculata* is not in America. His number 315, reported as *Xylaria consociata*, has been examined and found to be *Xyl. Hypoxylon*; and his number 320, reported as *Xylaria apiculata*, has been included under the present study and found to be *Xyl. multiplex*.

In view of the above confusing records, and the fact that Berkeley's collection has not been examined, it is difficult to determine the number

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of valid species known from the flora. Provisionally, this may be figured at 9, that is Berkeley, 5; Feé, 1; and Toro, 3.

The present study of the Xylariaceae of the Dominican Republic has been based on collections made by Dr. Carlos E. Chardón, during the summer of 1937. It contains twenty-four species, none of which were previously reported, and are consequently new to the flora. Duplicates of all specimens have been kept by the writer.

**Hypoxylon** Bull., Champ. Fr. 1: 168. 1791.

1. **Hypoxylon deustum** (Hoffm ex Fr)  
Grev., Scott. Crypt. Fl. 6: 324. 1828.  
*Sphaeria maxima* Hall  
Hist. Stirp. Helv. 3: 122. 1768.  
*Sph. deusta* Hoffm  
Veg. Crypt. 1: 3. 1787.  
*Sph. versipellis* Tode  
Fung. Meckl. Sel. fasc. 2: 55. 1791.  
*Hyp. ustulatum* Bull  
Champ. Fr. 1: 176. 1791.  
*Sph. deusta* Hoffm ex Fr  
Syst. Myc. 2: 345. 1823.  
*Hyp. ustulatum* Bull ex Fr  
Summa Veg. Scand. p. 383. 1849.  
*Ustulina vulgaris* Tul  
Sel. Fung. Carp. 2: 23. 1863.  
*Ust. deusta* (Hoffm ex Fr)  
Petraik, Ann. Myc. 19: 279. 1921.  
*Nemania maxima* (Hall) House  
N. Y. State Mus. Rep. 266: 48. 1925.

A closely related form, *Ustulina zonata* (Lev.) Sacc., is usually considered distinct due to wider and more rounded spores, but the writer does not think the difference is sufficient to warrant a specific distinction. This form, rather than *Hyp. deustum*, is the usual one in the tropics.

On dead wood.

**La Vega:** Forests at El Hatillo, Chardón 1092, August 28, 1937.

2. **Hypoxylon fossulatum** Mont  
Crypt. Guyan., Ann. Sci. Nat. IV, 3: 123. 1855.  
*Nummularia fossulata* (Mont) Cke  
Grev. 11: 127. 1883.

This is an interesting fungus in that it is an annulate form, closely related to *Hyp. Stygium* (Lev.) Sacc., but is constantly smooth, not show-

ing the perithecial elevations. The asco-spores are 6-8 x 2.5 $\mu$ . The type is Leprieur 692 from Cayenne, but the writer has specimens from Trinidad and Puerto Rico as well as many other countries.

On dead wood.

**La Vega:** Ravine near Jarabacoa, 550 m., Chardón 949, Aug. 5, 1937.

### 3. *Hypoxyylon glomeratum* Cke

Grev. 11: 134. 1883.

*Hyp. Mascariensis* Berk ex Cke

Grev. 11: 131. 1883. Non Mont.

*Hyp. anthracoderma* Speg

Fung. Guar. Pug. 3: 28. 1888.

*Hyp. Berkeleyi* Sacc

Syll. Fung. 9: 551. 1891.

*Hyp. Bakeri* Earle

Bull. Torr. Bot. Club 26: 633. 1899.

*Hyp. vinosa-purpureum* Ell & Ev

Fl. Lud. Nom. nud.

*Hyp. cohaerens* Pers ex Fr var. *brasiliensis* Starb

Ascom. Reg. Exp. 2: 8. 1901.

*Hyp. rubiginneo-areolatum* Rehm var. *microspora* Theiss

Ann. Myc. 6: 345. 1908.

*Hyp. Merrillii* Syd

Ann. Myc. 15: 212. 1917.

*Hyp. cupricolor* Petch

Ann. Roy. Gard. Peradeniya 8: 158. 1924.

*Hyp. rubiginneo-areolatum* Rehm var. *Bakeri* (Earle) Mill

Mycol. Explor. Colombia, Jour. Dept. Agri. P. R. 14: 273. 1930.

This species is widely spread over both North and South America.

On dead wood.

**La Vega:** Trail from Maimón to Yuna River, Chardon 1028, Aug. 13, 1937;  
Forest at El Hatillo, Chardón 1086 & 1095, Aug. 28, 1937.

### 4. *Hypoxyylon sclerophaeum* Berk & Curt

Exot. Fung. Schw., Jour. Acad. Nat. Sci. Phila. 2nd. ser. 2: 285.  
1853.

? *Sphaeria coelata* Fr

Linnaea 5: 540. 1830.

*Hyp. placentiforme* Berk & Curt

Cuban F., Jour. Linn. Soc. 10: 383. 1869.

*Hyp. Wrightii* Berk & Curt

l. c. 1869

*Hyp. coelatum* Ces

Fung. Born. Atta. Acc. Sci. fish e matim. d Napoli **8**: 19. 1879.

*Nummularia Wrightii* (Berk & Curt) Sacc

Syll. F. **1**: 398. 1882.

*Numm. suborbicularis* (Berk & Curt) Sacc var. *Cookeana* Sacc

Syll. Fung. **1**: 399. 1882.

*Numm. placentiformis* (Berk & Curt) Sacc

Syll. Fung. **1**: 399. 1882.

*Hyp. nicaraguense* Ell & Ev

Iowa Univ. Bull. **2**: 394-415. 1893.

*Penzigia polyporus* Starb

Ascom. der Schwed. Chaco-Cordill. Exped. p. **32**, Ark. fur Bot. **5**. 1905.

*Daldinia placentiformis* (Berk & Curt) Theiss

Ann. Myc. **7**: **4**. 1909.

*Numm. Cookeana* (Sacc)

Rehm, Ascom. Phil. Leaf. Bot. **6**: 2273. 1914.

*Pyrenopolyporus Hunteri* Lloyd

Myc. Notes **49**: 705, f. 1054. 1917.

*Hyp. amorphum* Ell & Ev

Nom. nud. Kew herb.

*Hypodiscus placentiformis* (Berk & Curt)

Rick, Broteria ser. Bot. **25**: 34. 1931.

On fence posts.

**La Vega**: Maimón River, near Maimón, *Chardón* 1017, Aug. 13, 1937

**5. Hypoxylon serpens** Pers ex Fr

Summa Veg. Scand. p. 384. 1849.

*Sphaeria macula* Tode

Fung. Meckl. **2**: 33. 1791.

*Sph. serpens* Pers

Syn. Meth. F. p. 20. 1801.

*Sph. uda* Pers

Syn. Meth. F. p. 33. 1801.

*Sph. colliculosa* Schw

Syn. Car no. 82. 1822

*Sph. serpens* Pers ex Fr

Syst. Myc. **2**: 341. 1823.

? *Sph. unita* Fr

Elench. Fung. **2**: 67. 1828.

*Sph. caries* Schw

Trans. Amer. Phil. Soc., Phila. n. ser. **4**: 194. 1832.

- Hyp. bipapillatum* Berk & Curt  
Exot. Fung. Schw., Journ. Phila. Acad. Sci. II. 2: 285. 1853.
- Sph. capnodes* Berk & Br  
Hooker Lond. Jour. 4: 72. 1845.
- Hyp. colliculosum* (Schw) Curt  
Geol. & Nat. Hist. Surv. N. C., pt. III, p. 140. 1867.
- Hyp. unitum* (Fr) Nits  
Pyren. Germ. p. 44. 1867.
- Hyp. aeneum* Nits  
Pyren. Germ. p. 47. 1867.
- Hyp. effusum* Nits  
Pyren. Germ. p. 48. 1867.
- Hyp. reticulatum* Karst  
Not ur Sallsk. pro Fauna et Fl. Fenn. II, p. 238. 1871-74.
- Hyp. allantoides* Cke  
Grev. 8: 66. 1879.
- Hyp. caries* (Schw) Sacc  
Syll. Fung. 1: 393. 1882.
- Anthostoma capnodes* (Berk & Br) Sacc  
Syll. Fung. 1: 298. 1882.
- Hyp. ramosum* Schw ex Cke  
Grev. 11: 132. 1883.
- Hyp. irregulare* Cke  
Grev. 11: 133. 1883.
- Ustulina linearis* Rehm  
Hedw. 33: 310. 1892.

This species has the same general appearance as the mature stage of *Hyp. glomeratum*. The distinction lies in the spore measurements. The ascospores of the former are usually between 10 and 15 $\mu$ . long, while those of the latter are from 9 to 11 $\mu$ . Also in the early stages *Hyp. serpens* is dirty white, easily distinguishing it from *Hyp. glomeratum* which is a bright red.

*Hyp. serpens* is world wide in distribution, but is rarely found in the tropics.

On dead wood.

La Vega: Forests at El Hatillo, Chardón 1090 Aug. 28, 1937.

6. *Hypoxylon Stygium* (Lev) Sacc  
Syll. Fung. 1: 379. 1882.
- Sphaeria Stygia* Lev  
Ann. Sci. Nat. 5: 258. 1846.
- Hyp. Puiggarii* Speg

- Fung. Puigg. Pug. I., Bol. Acad. Cien. Cordoba II, n. 257. 1889.  
*Hyp. annuliforme* Rehm  
 Verh. bot. Brand. p. 65. 1890.  
*Hyp. platystomum* Ell & Ev  
 N. Amer. Pyr. p. 649. 1892.  
*Hyp. microcarpum* Penz & Sacc  
 Malphigia 11: 492. 1897.  
*Hyp. Bogariense* v. Höhn  
 Stzb. K. Akad. d. Wiss. Wien. 118, abt. I, p. 341. 1909.  
*Hyp. punctatum* Petch  
 Ann. Roy. Bot. Gard, Peradeniya 8: 153. 1924.

The number 763 shows very prominent perithecia, while in number 1022 the stroma is plane as in forms previously placed in *Nummularia*.

The type was collected from St. Domingue by Poiteau, and is in the herbarium of the Museum of Paris. No. 1022 is similar to the type.

On dead branches of tree.

**Azua:** Las Caobas ravine, south of San José de Ocoa, Chardón 763, July 10, 1937.

**La Vega:** Trail from Maimón to Yuna River, Chardón 1022, Aug. 13, 1937.

#### 7. *Hypoxylon tinctor* (Berk) Cke

Grev. 11: 135. 1883.

?*Sphaeria clypeus* Schw

Syn. Car. n. 42. 1822.

*Sph. tinctor* Berk

Hook. Lond. Journ. Bot. 4: 311. 1845.

*Hyp. clypeus* Schw ex Curt

Geol. & Nat. Hist. Surv. N. C. III, p. 140. 1867.

*Diatrype clypeus* Schw ex Berk

Grev. 4: 95. 1876.

*Diatrype tinctor* (Berk) Sacc

Syll. Fung. 1: 200. 1882.

*Hyp. applanatum* Cke

In herb. Kew. Nom. nud.

*Nummularia clypeus* Schw ex Cke

Grev. 12: 6. 1883. Excl. Cke. Spec.

*Numm. tinctor* (Berk.) Ell & Ev

N. Amer. Pyr. p. 627. 1892.

Many specimens of this species, especially from the tropics, do not exhibit the discolored substratum, but No. 627 shows this orange color in just as marked a manner as in specimens from the southern United States.

On dead wood and dead trunk of *Ficus nitida* (No. 627)

**Azua:** River forest, near San Juan de la Maguana, *Chardón 627*, June 27, 1927; Public Square, San José de Ocoa, *Chardón 761*, July 9, 1937.

*Kretzschmaria* Fries, *Summa Veg. Scand.* p. 409. 1849.

8. *Kretzschmaria cetrarioides* (Curr & Welw)

Sacc., *Syll. Fung.* 9: 966. 1891.

*Hypoxyton cetrarioides* Curr & Welw

*Trans. Linn. Soc.* 26: 282. 1869.

*Sphaeria lichenoides* Berk

Kew herb. Nom. nud.

*Rhopalopsis lichenoides* (Berk) Cke

*Grev.* 11: 94. 1883.

*Kretz. lichenoides* (Berk) Sacc

*Syll. F.* 2: Add. ad vol. 1, XXIX. 1883.

*Rhopalopsis cetrarioides* (Curr & Welw) Cke

*Grev.* 11: 127. 1883.

*Kretz. lichenoides* Rick

*Ann. Myc.* 7: 8. 1909.

On dead wood.

**La Vega:** Forests road to Cotui, *Chardón 1077*, August 6, 1937.

9. *Kretzschmaria clavus* Fr.

*Summa Veg. Scand.* p. 409. 1849.

On dead wood.

**La Vega:** Ravine, km. 67, road to Bonao, *Chardón 800*, July 18, 1937;

Forests road to Cotui, *Chardón 1077*, Aug. 6, 1937; Forests at El Hatillo,

*Chardón 1091, 1093*, Aug. 28, 1937.

*Nummularia* Tul., *Fung. Carp.* 2: 42. 1863.

10. *Nummularia artocreas* (Cke & Mass)

comb. nov.

?*Hypoxyton labellum* Mont

*Ann. Sci. Nat.* IV, 3: 511, t. 5, fig. 5. 1855.

?*Camillea labellum* Mont

*Syll. Crypt.* p. 208. 1856.

*Diatrype artocreas* Cke & Mass

*Grev.* 21: 4. 1892.

*Numm. repanda* Fr var. *zonata* Ell & Ev

*Iowa Univ. Bull.* 2: 394-415. 1893.

*Nummularoidea artocreas* (Cke & Mass) Lloyd

*Myc. Notes* 7: 1281, f. 2872. 1924.

*Camillea artocreas* (Cke & Mass) Rick

*Broteria ser. bot.* v. XXV, fasc. 1, p. 38. 1931.

Lloyd, l.c. fig. 2871, shows a photograph of *Cam. labellum*, and in fig. 2872, one of *Numm. artocreas*. These are the types and are identical in structure, but the Montagne specimen is sterile while the type of *Numm. artocreas* has ascospores 12-15 x 5 $\mu$ .

This fungus looks much like *Numm. repanda* (Fr.) Nits., but it is distinct in the presence of much finer ostiola and in the sharply fusoid ascospores. Also, the latter are very faint yellow even in old specimens, but in *Numm. repanda* they are dark brown.

This is the common *Nummularia* in the West Indies and in South America. The type is from St. Vincent (B. W. I.). The writer has specimens from Puerto Rico, Jamaica, Nicaragua and Costa Rica.

On dead wood.

**La Vega:** Forests road to Cotui, *Chardón 961*, August 6, 1937.

*Penzigia* Sacc. Myc. Malac. p. 20. 1888.

11. *Penzigia frustulosa* (Berk & Curt) Mill  
 Myc. Explor. Ven. Univ. P. R. Monogr. ser. B, No. 2: 211. 1934.  
*Hypoxylon frustulosum* Berk & Curt  
 Cuban F., Jour. Linn. Soc. 10: 383. 1869.  
*Hyp. leucocreas* Berk & Rav  
 Grev. 4: 51. 1875.  
*Hyp. microsporum* Ces  
 Myc. Born. Atta. Acc. Sci. fisich. e Matim. di Napoli 8: 17. 1879.  
*Nummularia frustulosa* (Berk & Curt)  
 Syll. F. 1: 398. 1882.  
*Hyp. exiguum* Cke  
 Grev. 11: 130. 1883.  
*Xylaria frustulosa* (Berk & Curt) Cke  
 Grev. 12: 5. 1883.  
*Hyp. lilliputianum* Syd  
 Ann. Myc. 8: 37. 1910.  
*Penzigia microspora* Petch  
 Ann. Roy. Bot. Gard. Peradeniya 10: 137. 1924.

On dead trunk of tree.

**Trujillo:** Thickets beyond Bani, *Chardón 592*, June 26, 1937.

*Poronia* Gledits. Willd. Fl. Berol. p. 400. 1787.

12. *Poronia oedipus* Mont  
 Syll. Crypt. p. 209. 1856.  
*Sphaeria (Poronia) punctata* var. *oedipoda* Mont  
 Ann. Sci. Nat. II, 13: n. 35. 1841.  
*Sph. incrassata* Jungh  
 Flor. Javae Crypt. p. 87. 1838.



*Hyp. oedipus* Mont

Cuban Fl. p. 346, t. 13, f. 2. 1838-1842.

*Poronia macropoda* var. *cladonioides* Ces

In Klotz.-Rab. Herb. Myc. no. 1946.

On horse dung.

**Santiago:** San José de las Matas, *Chardón 462*, June 6, 1937.

*Xylaria* Hill., Hist. Pl. p. 72. 1773.

13. *Xylaria arbuscula* Sacc

*Michelia* 1: 249. 1878.

On decaying pod of *Hymenea courbaril* L.

**La Vega:** Forests at El Hatillo, *Chardón 1215*, August 28, 1937.

14. *Xylaria axifera* Mont

Ann. Sci. Nat. IV, 3: 106. 1855.

On dead wood.

**La Vega:** Forests at El Hatillo, *Chardón 1098*, August 28, 1937.

15. *Xylaria bulbosa* (Pers ex Fr) Berk & Br

Berk. Out. Brit. Fung. p. 385. 1860.

*Sphaeria bulbosa* Pers

Obs. Myc. 2: 63. 1799.

*Sph. bulbosa* Pers ex Fr

Syst. Myc. 2: 327. 1823.

*Sph. corniformis* Fr

Elench. Fung. 2: 57. 1828.

*Xylaria corniformis* Fr

Summa Veg. Scand. p. 381. 1849.

This species has been named *Xylaria corniformis* in most North American herbaria. It is black, rugose, without a pellicle and sometimes there is a sterile tip. When growing on a hard substrate there is a bulbose base. The only other species with similar appearance and small spores (8-10 x 4-5 $\mu$ .) is *Xylaria castorea* Berk., but it differs in being compressed instead of terete.

On dead wood.

**La Vega:** Forests near Yuna River, El Hatillo, *Chardón 1032*, August 14, 1937; Forests at El Hatillo, *Chardón 1103, 1106*, August 28, 1937.

16. *Xylaria Chardoniana* (Toro) Mill

Mycol. Expl. Ven. Univ. P. R. Monogr. ser. B., no. 2: 214. 1934.

*Poronia Chardoniana* Toro

N. Y. Acad. Sci. Surv. P. R. 8: 68. 1926.

Heretofore known only from Puerto Rico and Venezuela.

On horse dung.

**Santiago:** San José de las Matas, *Chardón 456*, June 6, 1937.

17. *Xylaria cristata* Speg

Fung. Argent. **1**: 179. 1880.

On decaying log.

**Samaná:** Cacao plantations, Sabana de la Mar, *Chardón 730*, July 5, 1937.

**La Vega:** Forests at El Hatillo, *Chardón 1101*, Aug. 28, 1937.

18. *Xylaria cubensis* Mont

Syll. Crypt. p. 202. 1856.

*Hypoxyton cubensis* Mont

Ann. Sci. Nat. II, **13**: cent. 2, no. 29. 1840.

*Hyp. cubensis* Mont

Sagra Fl. de Cuba, p. 347, t. 13, f. 1. 1842.

*Xylaria fusca* Lloyd

Myc. Writ. **5**: 770, f. 1155, 1156. 1918.

This species is clavate, smooth, fuscous to darker, terete, with small spores, 8-10 x 4-5 $\mu$ . It is common in South America, the West Indies, and in the southern United States.

On decaying trunk of tree.

**Samaná:** Cacao plantations, Sabana de la Mar, *Chardón 740*, July 6, 1937.

19. *Xylaria Hypoxyton* (L ex Fr) Grev

Fl. Edin. p. 355. 1824.

*Clavaria Hypoxyton* L

Sp. Pl. p. 1182. 1753.

*Sphaeria Hypoxyton* L ex Fr

Syst. Myc. **2**: 327. 1823.

On dead wood.

**Trujillo:** San Cristobal, *Kern & Toro 315*, Mar. 13, 1937 (reported as *Xylaria consociata* Starb.).

**Samaná:** Cacao plantations, above Samaná, *Chardón 741*, July 6, 1937.

**La Vega:** Forests at El Hatillo, *Chardón 1100 & 1102*, Aug. 28, 1937.

**Puerto Plata:** Forests near Sosúa beach, *Chardón 903*, Aug. 1, 1937.

On dead leaf sheaths of *Roystonea quisqueyana* Bailey.

**La Vega:** Outskirts of Bonao, *Chardón 899*, July 31, 1937.

**Duarte:** Near San Francisco de Macoris, *Chardón 1075*, July 18, 1937.

20. *Xylaria inaequalis* Berk & Curt

Jour. Linn. Soc. **10**: 382. 1868.

The surface of the fertile portion is dark brown, and at maturity splits in anastomosing lines in a manner similar to *Xyl. multiplex*, *Xyl. arbuscula* and *Xyl. apiculata*. The spores are 9–11 x 4–5 $\mu$ . as in *Xyl. multiplex*. It differs in possessing very slender stromata and prominent perithecial elevations.

On decaying trunks.

**Samaná:** Cacao plantations, Sabana de la Mar, *Chardón 732 & 734*, July 5, 1937.

**La Vega:** Ravine near Jarabacoa, 550 m., *Chardón 951*, Aug. 5, 1937; Forests at El Hatillo, *Chardón 1083*, Aug. 28, 1937.

On decaying log of *Hura crepitans* L.

**Duarte:** Road beyond San Francisco de Macoris, *Chardón 806*, July 18, 1937.

21. *Xylaria multiplex* (Kze ex Fr) Berk & Curt

Jour. Linn. Soc. **10**: 381. 1869.

*Sphaeria multiplex* Kze ex Fr

Linnaea **5**: 536. 1830.

On dead and decaying wood.

**Trujillo:** San Cristobal, *Kern & Toro 320*, Mar. 10, 1926 (reported as *Xylaria apiculata* Cke.).

**Samaná:** Cacao plantations, Sabana de la Mar, *Chardón 731, 733 & 979*, July 5, 1937.

**La Vega:** Ravine, km. 67, road to Bonao, *Chardón & Toro 921*, July 18, 1937; Forests at El Hatillo, *Chardón 1097, 1104, 1107, 1221*, Aug. 28, 1937.

22. *Xylaria muscula* Lloyd

Myc. Writ. **6**: 994, pl. 160, f. 1780. 1920.

On dead wood.

**La Vega:** Forests at El Hatillo, *Chardón 1216*, Aug. 28, 1937.

23. *Xylaria scruposa* (Fr) Berk

Jour. Linn. Soc. **10**: 382. 1869.

*Sphaeria scruposa* Fr

Elench. Fung. **2**: 55. 1828.

*Hypoxyton scruposum* (Fr) Mont

Cuban F. p. 350. 1838–1842.

On dead wood.

**La Vega:** Trail from Maimón to Yuna River, *Chardón 1027*, Aug. 13, 1937; Forests at El Hatillo, *Chardón 1105*, Aug. 28, 1937; La Trinchera, near El Hatillo, *Chardón 1232*, Oct. 31, 1937.

24. *Xylaria tabacina* (Kickx) Berk

Hooker's Jour. Bot. & Kew Misc. 6: 225. 1854.

*Hypoxyton tabacinum* Kickx

Bull. Acad. Brux. 8: 11. 1841.

On decaying log.

**La Vega:** Ravine, km. 67, road to Bonaó, *Chardón & Toro 803*, July 18, 1937.

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