

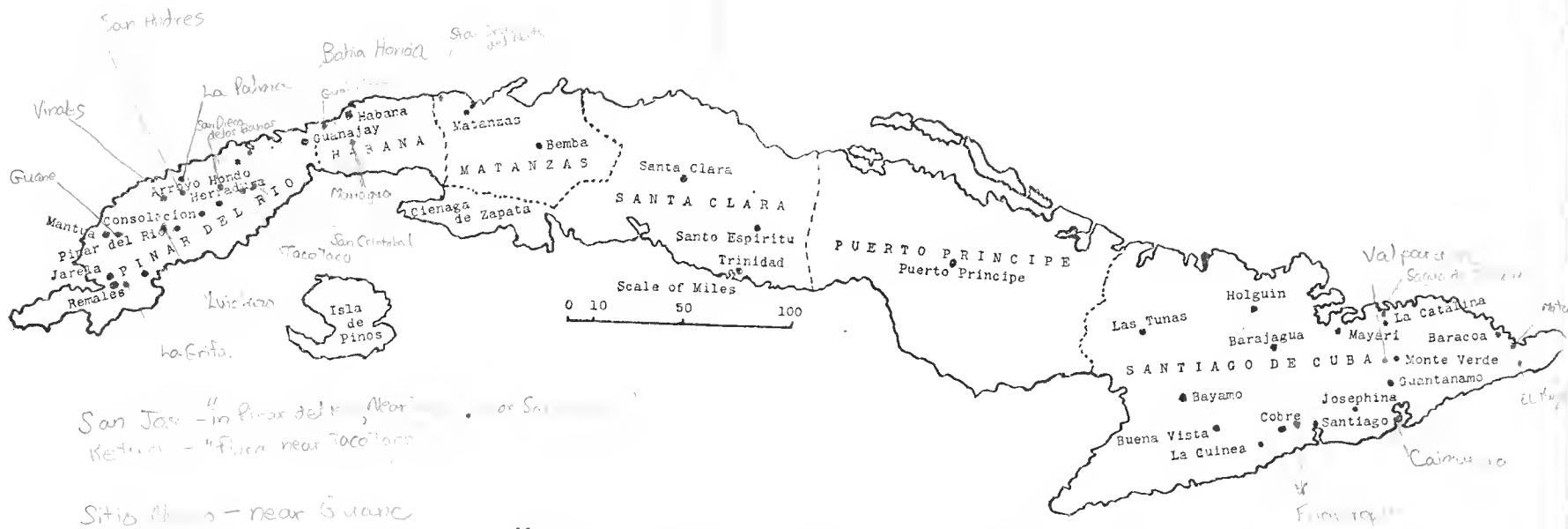
4504.9 CUBA 1:62,500 Feb. 1879

Pam Underwood, L.M.

A Summary of Charles Wright's explorations in Cuba

Bull. Torrey Bot Club v. 32 p 291-300

1905



MAP ILLUSTRATING CHARLES WRIGHT'S EXPLORATIONS IN CUBA

San Juan - in Pinar del Rio, near Remedios - "finca near Taco Taco"

Sitio de Sagua - near Sagua

Toscano - finca near coast, south of Bahia Honda

Rangel - 2 1/2 miles west of Matanzas
Los Dromedarios

Balestina - col. de finca a south of Matanzas, opp. Bahia Honda

Pinales - J. Bahia Honda

Sagua la Grande - near Guajabato

7 mi west of Monte Verde - Monte Verde

Cayos de Sagua

San Andres - 4 leagues from Potosi

Santa Cote de Giron
Saltadero

Unnumbered collections from Charles Wright's 2nd Cuban collection; date unknown.

- s.n. - hepatic. On damp ground, Viñales, Jan. 30. 1863, 64 ✓
- s.n. - *Acrocryphaea gardneri* (Mitt.) Jaeg. La Palma, Feb. 20. 1863, 64 ✓
- s.n. - *Acrocryphaea gardneri* (Mitt.) Jaeg. On bushes, Las Tunas - P.
Principe, Dec. 25. 1861
- s.n. - *Acrocryphaea gardneri* (Mitt.) Jaeg. & *Cryphaea filiformis* (Sw.) Brid.
Las Tunas - P. Principe Dec. 22. 1861
- s.n. - *Acroporium pungens* (Hedw.) Broth. In Farallones, Potosi Monte Toro,
Oct. 11. 1859
- s.n. - *Acroporium pungens* (Hedw.) Broth. Around old rotten stumps in thick
woods, Monte Verde, March 18. 1859, 60 ✓
- s.n. - *Brachymenium wrightii* Sull. Monte Toro, Potosi, Oct. 10. 1859
- s.n. - *Brachymenium wrightii* Sull. Potosi, Monte Toro, Oct. 11. 1859
- s.n. - *Brachymenium wrightii* Sull. On bushes in thick woods, Monte Verde,
Monte Verde, March 18. 1859, 60 ✓
- s.n. - *Brachymenium macrocarpum* Card. On bushes in thick woods, Monte Verde,
March 18. 1859, 60 ✓
- s.n. - *Callicostella depressa* (Hedw.) Jaeg. On rocks, San Juan de Buenavista,
Nov. 21. 1860
- s.n. - *Callicostella depressa* (Hedw.) Jaeg. On stump of palm in woods, Monte
Verde, Feb. 28. 1859, 60, 61 ✓
- s.n. - *Cryphaea filiformis* (Sw.) Brid. & *Acrocryphaea gardneri* (Mitt.) Jaeg.
On bushes, P. Principi - S. Spiritu, Dec. 28. 1861
- s.n. - *Cyclodictyon varians* (Sull.) Jaeg. On rocks covered with calcareous
deposition, Retiro, March 12. 1864
- s.n. - *Cyclodictyon varians* (Sull.) Jaeg. & *Callicostella depressa* (Hedw.) Jaeg.
Monte Verde, July 20. 1859, 50, 61 ✓

- s.n. - *Erpodium domingense* (Spreng.) C.M. On rocks, Potrero San Andres,
Oct. 23. 1860
- s.n. - *Erpodium domingense* (Spreng.) C.M. On trees, Loma de Rangel, July
15. 1862, 63 ✓
- s.n. - *Erpodium domingense* (Spreng.) C.M. On trees, Embarcadero de Bacunagua,
Jurisdic. San Cristobal, April 5. 1862, 63, 64 ✓
- s.n. - *Erpodium domingense* (Spreng.) C.M. On log, Canto, Dec. 20. ?
- s.n. - *Erpodium domingense* (Spreng.) C.M. On the underside of leaning trees,
Bayamo, Dec. 19. 1861
- s.n. - *Erpodium domingense* (Spreng.) C.M. On trees in paredones, La Grifa
in Luis Lazo, March 23. 1863, 64 ✓
- s.n. - *Fissidens garberi* L. & J. In very small amount. On trees, Fermina,
Feb. 12. 1862
- X s.n. - *Fissidens leptopus* Card. At base of palms, San Jose, Oct. 20. 1862
- s.n. - *Fissidens similiretis* Sull. Guajaibos, Nov. 4. [Guajaba ?] 1862, 63 ✓
- s.n. - *Fissidens similiretis* Sull. On trees in woods, Monte Verde, Nov. 18. 1861
- s.n. - *Fissidens similiretis* Sull. Among the adventitious roots at the base
of palms, Farallones, San José, Aug. 2. 1862
- s.n. - *Fissidens similiretis* Sull. On banks of rivulets, Retiro, March 21. 1864
- s.n. - *Haplocladium microphyllum* (Hedw.) Broth. On earth, N. Sophie, Nov. 22. 1859, 61 ✓
- s.n. - *Haplocladium microphyllum* (Hedw.) Broth. On bushes, N. Sophie,
Nov. 22. 1859, 61 ✓
- s.n. - *Helicophyllum torquatum* (Hook.) Brid. On cliffs, Vueltabajo, Nov. 1. ?
- s.n. - *Hookeriopsis incurva* (Hook. & Grev.) Broth. No data. —
- s.n. - *Hookeriopsis incurva* (Hook. & Grev.) Broth. No data. —
- s.n. - *Hypnella cymbifolia* (Hampe) Jaeg. On rotten logs in the pinal, Monte
Verde, March 3. 1859, 60, 61 ✓
- s.n. - *Hypnella cymbifolia* (Hampe) Jaeg. On rotten logs in woods, Monte Verde,
Nov. 18. 1861

- s.n. - Hypopterygium tamariscium (Hedw.) Brid. On rocks, Loma del Gato,
Dec. 11. 1859, 60 ✓
- s.n. - Leptodictyum riparium (Hedw.) Warnst. On stones in springs, Luis
Lazo, Jan. 6. 1863, 64 ✓
- s.n. - Leptodictyum riparium (Hedw.) Warnst. On banks (masonry) of conduits
leading water to the pulp mill, Monte Verde, March 8. 1859, 60, 61 ✓
- s.n. - Lepyrodontopsis trichophylla (Hedw.) Broth. On palms (sine fruct.)
Monte Verde, Feb. 28. 1859, 60, 61 ✓
- s.n. - Meteoropsis patula (Hedw.) Broth. On bushes, roadside, Bayamo,
Dec. 16. 1861
- s.n. - Mittenothamnium diminutivum (Hampe) Britt. & Taxithelium planum
(Brid.) Mitt. On stones, edge of Savana - Hato del Medio, Aug.
23. ?
- s.n. - Neckeropsis disticha (Hedw.) Kindb. On bushes in woods, Monte Verde,
March 12. 1859, 60, 61 ✓
- s.n. - Neckeropsis undulata (Hedw.) Reich. Monte Verde, Jan. 31. 1859, 61 ✓
- s.n. - Neckeropsis undulata (Hedw.) Reich. On bushes in woods, Monte Verde,
Feb. 28. 1859, 60, 61 ✓
- s.n. - Neckeropsis undulata (Hedw.) Reich. Hanabana, March 14. ?
- s.n. - Neckeropsis undulata (Hedw.) Reich. On tree, near the ground, in
woods, Retiro, April 10. 1864
- s.n. - Neckeropsis undulata (Hedw.) Reich. No data. —
- s.n. - Neckeropsis undulata (Hedw.) Reich. Roadside, Bayamo, Dec. 13. 1864
- s.n. - Neckeropsis undulata (Hedw.) Reich. At the base of palm, Punta de la
Gordo [Grande ?], Dec. 22. ?
- s.n. - Octoblepharum albidum Hedw. At base of palms in pinales, Hato Quemado,
Nov. 20. ?
- s.n. - Octoblepharum albidum Hedw. On trees, Loma de Rungel, Oct. 14. ?
Rangel ?

- s.n. - *Octoblepharum albidum* Hedw. At the base of palms, Hato Quemado,
Nov. 21. ?
- s.n. - *Octoblepharum albidum* Hedw. No data. —
- s.n. - *Octoblepharum albidum* Hedw. Monte Verde, March 17. 1859, 60. ✓
- s.n. - *Octoblepharum albidum* Hedw. Monte Verde, Feb. 6. 1859, 60, 61. ✓
- s.n. - *Pinnatella jamaicensis* Bartr. with flagelliform branches in leaf axils.
"mixed with No. 144. Vide there some more" —
- s.n. - *Pirella cymbifolia* (Sull.) Card. "was mixed with *Thuidium*. Monte
Verde, July 26". 1859, 60, 61. ✓
- s.n. - *Phyllogonium fulgens* (Hedw.) Brid. On trunks of trees, Monte Verde,
March 24. 1859, 60. ✓
- s.n. - *Phyllogonium fulgens* (Hedw.) Brid. No data. —
- s.n. - *Pseudocryphaea flagellifera* (Brid.) Britt. On bushes, roadside, Bayamo,
Dec. 16. 1861
- s.n. - *Pseudocryphaea flagellifera* (Brid.) Britt. On bushes, roadside, Bayamo,
Dec. 16. 1861
- s.n. - *Rhizogonium spiniforme* (Hedw.) Bruch. On logs, Los Hondones, Valparaiso,
Oct. 8. 1861
- s.n. - *Schlotheimia torquata* (Hedw.) Brid. Monte Verde, March 17. 1859, 60. ✓
- s.n. - *Schlotheimia torquata* (Hedw.) Brid. On trees in dense patches, Monte
Verde, March 24. 1859, 60. ✓
- s.n. - *Sematophyllum caespitosum* (Hedw.) Mitt. On bushes, margin of river, San
Lagunillas ?
Sebastian Lagunillas, Dec. 16. ?
- s.n. - *Sematophyllum caespitosum* (Hedw.) Mitt. No data. —
- s.n. - *Sematophyllum sericifolium* Mitt. On logs, San Andrés, March 29. ?
- s.n. - *Sematophyllum sericifolium* var. *leonii* Ther. ? No data. —
- s.n. - *Sematophyllum lamprophyllum* Mitt. On rotting logs, Monte Verde, Nov. 18. 1861
- s.n. - *Sphagnum erythrocalyx* Hampe ex C.M. On earth banks [?] (wet), Hato
Quemado Nov. 20. ?

- s.n. - *Sphagnum erythrocalyx* Hampe ex C.M. On tembladeras, a sort of floating island of peat-like materials, in lagunas, Las Almacigas, Nov. 23. ?
- s.n. - *Stereophyllum radiculosum* (Hook.) Mitt. No data. —
- s.n. - *Stereophyllum radiculosum* (Hook.) Mitt. On logs, roadside, Salladero, Cuba, Nov. 21. 1859, 61 ✓
- s.n. - *Stereophyllum radiculosum* (Hook.) Mitt. On logs, Bermejales, Jurisdicción San Cristóbal, Oct. 9. 1862, 63 ✓
- s.n. - *Stereophyllum radiculosum* (Hook.) Mitt. On trees, San José, Oct. 20. 1862
- s.n. - *Stereophyllum radiculosum* (Hook.) Mitt. On rotten wood, Potrero San Andrews, Oct. 18. ?
- s.n. - *Stereophyllum radiculosum* (Hook.) Mitt. At the base of palms, San José, Oct. 16. 1862
- s.n. - *Stereophyllum radiculosum* (Hook.) Mitt. On logs, Loma de Rangel, Oct. 14. 1862, 63 ✓
- s.n. - *Stereophyllum radiculosum* (Hook.) Mitt. On logs, Loma de Rangel, Oct. 14. 1862, 63 ✓
- s.n. - *Thuidium urceolatum* Lor. On rocks and stones, Rangel, Oct. 2. → 1862, 1862, 63 ✓
- s.n. - *Thuidium urceolatum* Lor. In dense woods, Potosi, Monte Toro, Oct. 11. 1859, 60, 61 ✓
- s.n. - *Thuidium urceolatum* Lor. Farallones, Potosi, Monte Toro, Oct. 11. 1859, 60, 61 ✓
- s.n. - *Tremalodon longicollis* Mx. On banks, roadside, Sagua, M. Toro, April 8. 1859, 60, 61 ✓
- s.n. - *Trichosteleum sentosum* (Sull.) Jaeg. No data. —
- s.n. - *Vesicularia crassicaulis* (Mitt.) Broth. On rotten logs in woods, Oct. 2. ?
- s.n. - *Vesicularia crassicaulis* (Mitt.) Broth. On rotten logs in woods, Monte Verde, Aug. 24. 1859, 61 ✓
- s.n. - *Vesicularia crassicaulis* (Mitt.) Broth. & *V. vesicularis* (Schw.) Broth. On rocks at base of Farallones, Viñales, Jan. 30. 1863, 64 ✓
- s.n. - *Vesicularia vesicularis* (Schw.) Broth. On rocks, Viñales, Jan. 24. 1863, 64 ✓
- s.n. - *Vesicularia vesicularis* (Schw.) Broth. No data. —

- s.n. - *Vesicularia vesicularis* (Schwaegr.) Broth. & *Ectropothecium*
apiculatum (Hornsch.) Mitt. On logs, Bermejales, Jurisdicción
San Cristóbal, Oct. 9. 1862, 63 ✓
- s.n. - *Vesicularia crassicaulis* (Schw.) Broth. & *Mittenothamnium reptans*
(Hedw.) Card. Monte Libano, Sept. 27. 1859, 60, 61 ✓
- s.n. - *Vesicularia vesicularis* (Schwaegr.) Broth. On logs, Viñales, Jan. 27. 1863, 64 ✓
- s.n. - *Vesicularia vesicularis* (Schwaegr.) Broth. No data. ✓
- s.n. - *Vesicularia vesicularis* (Schwaegr.) Broth. On rotting logs, Los
Hondones (Valparaiso), Oct. 4. 1861

Charles Wright's 2nd. Cuban collections; date unknown. 30 Nov. 1859 - July 1864

- 2 - *Dicranella herminieri* Besch. On banks, Vega Sta. Catalina, Vueltabajo, ^{tabacalera}
Nov. 21, 18--. ?
- 3 - *Dicranella herminieri* Besch. On banks, Pinales, Jurisdic. Bahía Honda,
Nov. 15. 1862, 1863 ✓
- 4 - *Dicranella herminieri* Besch. On banks, Herradura, Nov. 18. 1862
- 5 - *Dicranella hilariana* Mont. On banks, Viñales, Jan. 26. 1863, 1864 ⊕
- 6 - *Dicranella subinclinata* Lor. (spores papillose, 19 μ). Banks of creek,
Viñales, Feb. 5. 1863
- 7 - *Dicranella herminieri* Besch. On banks by roadside, Pinar del Río, Dec. 2. 1862
- 8 - *Dicranella herminieri* Besch. On earth in roads, Pinar del Río, Viñales,
Jan. 23. 63. ✓
- 9-8 - *Dicranella subinclinata* Lor. (spores 19-21 μ). On banks, La Palma (vega), ^{Retro (9 Dec. 1864)}
Jurisdic. [?] San Cristóbal, Mar. [?] 29. 1864
- 10 - *Dicranella harrisii* (C.M.) Broth. On banks, Rangel, March 22. 1864 ✓
- 11 - *Dicranella hilariana* Mont. (spores 14 μ). No data. -
- 12 - *Luisierella barbula* (Schwaegr.) Steere. On rocks along rivulets, M. V.,
Nov. 18. 861
- 13 - *Hymenostomum cubense* (Hampe) Par. On earth, roadside, Bayamo, Dec. 16. 61
- 13 - *Brachymenium macrocarpum* Card. On sticks, mountain top, Ysabel Maria,
March 17.
- 14 - *Fissidens polyodioides* Hedw. On banks, Loma del Gato. Dec. 11. 1860, 1861
- 15 - *Fissidens muriculatus* Spruce ex Mitt. On trees, Los Hondones, Valparaiso,
Oct. 8. 1861
- 16 - *Fissidens muriculatus* Spruce ex Mitt. On the lower side of leaning trees,
Monte Libano, Sept. 28. 1861
- 17 - *Fissidens muriculatus* Spruce ex Mitt. On slender trees or bushes, Los
Hondones (Valparaiso), Oct. 4. 1861

- 18 - *Fissidens muriculatus* Spruce ex Mitt. On slender trees or bushes, Los Hondones, (Valparaiso), Oct. 4. 1861
- 19 - *Fissidens garberi* L. & J. At base of tree, Bayamo - Las Tunas, near Canto, Dec. 20. 1861
- 20 - *Fissidens mollis* Mitt. & *F. kegelianus* C. M. In edge of thickets on little hard lumps of dry earth covered with leaves, P. Principe - S. Spíritu, Dec. 1861
- 21 - *Fissidens similiretis* Sull. On earth, mts. of Luis Lazo [?], Jan. 5. 1864
- 22 - *Fissidens kegelianus* C.M. On earth, hills, San José, Oct. 16. 1862
- 23 - *Fissidens kegelianus* C.M. On earth in roads passing through woods, Fermina, Feb. 12. 1862
- 24 - *Fissidens dissitifolius* Sull. & *F. kegelianus* C.M. Wet ground near rivulets, Aguacate, Bayamo, Dec. 15. 1861
- 25 - *Fissidens kegelianus* C.M. On earth in woods, San José, Oct. 16. 1862
- 27 - *Fissidens garberi* L. & J. In sticks Río Sta. Cruz, Oct. 16. 1862, 1863 ✓
- 28 - *Fissidens garberi* L. & J. On earth, hillsides, San José, Oct. 16. 1862
- 29 - *Fissidens mollis* Mitt. On earth in woods, M. V., July 22. 1859, 60, 61 ✓
- 30 - *Fissidens dissitifolius* Sull. On hard earth in paths, M. V., Aug. 18. 1859, 61 ✓
- 31 - *Fissidens angustifolius* Sull. In low woods, Toscano, Jurisdic. Bahía Honda, Oct. 25. 1863
- 32 - *Fissidens angustifolius* C.M. On earth in paths, Sitio Nuevo, Dec. 4. 1862, 1863 ✓
- 33 - *Fissidens similiretis* Sull. On roots, Retiro, Feb. 20. 1864
- 34 - *Fissidens similiretis* Sull. Guajaibon, Nov. 16. [Guajaba ?] 1862, 63 ✓
- 35 - *Fissidens kegelianus* C.M. Retiro, Oct. 16. 1863
- 36 - *Fissidens similiretis* Sull. On earth, summit of Mts., Luis Lazo, Jan. 5. 1864
- 37 - *Fissidens leptopus* Card. On banks, Retiro, March 22. 1864
- 38 - *Fissidens leptopus* Card. On rocks in woods, M. V., March 1. 1859, 1860, 1861 ✓
- 39 - *Fissidens garberi* L. & J. On stones, M. V., Aug. 24. 1859
- 40 - *Fissidens kegelianus* C.M. Sitio Nuevo, Dec. 3. 1862 1863 ✓

- 42 - *Fissidens kegelianus* C.M. No data. ✓
- 43 - *Fissidens leptopus* Card. No data. ✓
- 44 - *Fissidens elegans* Brid. Banks of creek, Vinales Feb. 5. 1863
- 45 - *Fissidens ravenelii* ? Sull. Yabunal, Partido de ^{Pinar} Consolación, Nov. 18. 1862
- 46 - *Fissidens ravenelii* Sull. ? On stumps of palms, Sta. Catalina, Jurisdic.
San Cristóbal, Nov. 5. 1862
- 47 - *Fissidens leptopus* Card. & *F. similiretis* Sull. On rocky banks of rivulets
etc., in shade, Monte Verde, Nov. 18. 1861
- 48 - *Fissidens angustifolius* Sull. On earth, San José, Sept. 4. 1862
- 49 - *Fissidens kegelianus* C.M. Sitio Nuevo, Jurisdic. Guanes, Dec. 26. 1863
- 50 - *Fissidens radicans* Mont. At base of trees, Punta de la Gorda [?],
Jurisdic. Guanes, Dec. 24. 1863
- 51 - (over)
- 52 - *Fissidens kegelianus* C.M. On earth, Ingenio Esperanza near Pinar del Rio,
Dec. 5. 1862
- 53 - *Fissidens cuspidulatus* Sull. On banks, Yabunal Vega near Consolación, Dec. 1. 1862
- 54 - *Fissidens leptopus* Card. On banks in woods, Vueltabajo, Nov. 1. ?
- 55 - *Fissidens radicans* Mont. On roots and sticks, Guajaiboa, Nov. 4. 1862
- 56 - *Fissidens kegelianus* C.M. Vinales, Jan. 30. 1863, 1864 ✓
- 57 - *Fissidens kegelianus* C.M. No data. -
- 58 - (over)
- 59 - *Fissidens palmatus* Hedw. On earth, Loma de Rangel, Sept. 21. 1862, 1863 ✓
- 60 - *Fissidens angustifolius* Sull. On earth in woods, Santa Cruz, Aug. 19. 1862, 1863 ✓
& *F. reticulosus* (C.M.) Mitt.
- 61 - *Fissidens kegelianus* C.M. No data. -
- 62 - *Fissidens ravenelii* Sull. On stones in woods, La Catalina, Sept. 11. 1859, 1861 ✓
- 63 - *Fissidens donnellii* Aust. San Jose, Jan. 8. 1863
- 64 - *Fissidens cuspidatulus* Sull. On clayey soil in paths, M. V., Feb. 28. 1859, 1863 ✓
- 65 - *Fissidens garberi* L. & J. On bank of trees at the base, Loma de Rangel,
Oct. 14. 1862, 1863 ✓
- 66 - *Fissidens angustifolius* Sull. On earth, Loma de Rangel, Oct. 14. 1862, 1863 ✓
- 67 - *Fissidens garberi* L. & J. ? On stones, Loma de Rangel, Oct. 14. 1862, 1863 ✓

51 - *Fissidens neglectus* Crum. On rocks along rivulets, Lagunillas,
Jurisdicción Pinar del Río, Dec. 14. 1862

58 - *Fissidens reticulosus* (C.M.) Mitt.
& *F. angustifolius* Sull. On earth, Loma de Rangel, Sept. 21. 1862, 1863 (V)

- 68 - *Fissidens garberi* Lesq. & James. On bushes, low woods near the sea,
Bahia Honda, Nov. 11. 1862
- 69 - *Fissidens angustifolius* Sull. On banks, Retiro, Sept. 25 1863.
- 70 - *Funaria calvescens* Schwaegr. On banks, Filantropia, Dec. 7. 1860, 1861 ✓
- 71 - *Trematodon longicollis* Mx. On banks of creek, Los Cayos, March 9. ?
- 72 - *Trichostomum jamaicense* (Mitt.) Jaeg. Sumidon [?], June [?] 9. ?
- 73 - *Trichostomum jamaicense* (Mitt.) Jaeg. On earth, woods in the mountains,
San José, Jurisdic. San Cristóbal, March 5. 1863, 1864 ✓
- 74 - *Trichostomum jamaicense* (Mitt.) Jaeg. On rocks along rivulet, Reli -- [?],
April [?] 12. ?
- 75 - *Barbula agraria* Hedw. On walls Bayamo, Dec. 19. 1861.
- 76 - *Barbula agraria* Hedw. On stone, Petin [?] Oct. 6 [Retiro ?] 1862, 1863 ✓
- 77 - *Barbula agraria* Hedw. On stones, P. Principe, Espiritu Santo, Jan. 1. 1862
- 78 - *Desmatodon sprengelii* (Schwaegr.) Williams. No data. Collection substrate etc identical
to 79 Nov 19, 1862
- 79 - *Desmatodon sprengelii* (Schwaegr.) Williams. Yabunal [?], Partido de
Consolación, Nov. 19. 1862
- 79 - *Syrrophodon floridanus* Sull. On palms, Vueltabajo, Oct. 27. ?
- 80 - *Barbula agraria* Hedw. On stones, Loma de Rungal [?], June 17. ?
- 81 - *Barbula agraria* Hedw. On rock, Punta de la Zaulo [?], Jurisdiccion Guanes,
Dec. 24. 1862, 1863 ✓
- 82 - *Barbula subulifolia* Sull. On banks along the river Palinqui "Cuba Wright
1861".
- 83 - *Barbula agraria* Hedw. On rock, Sitio Nuevo, Punta de Jaula [?], Dec. 1862, 1863 ✓
- 84 - *Leucoloma albulum* (Sull.) Jaeg. On rotting logs in woods, M. V., Nov. 18. 1861
- 85 - *Leucoloma albulum* (Sull.) Jaeg. On logs, Potosí, Monte Toro, Oct. 15. 1860
- 86 - *Entosthodon bonplandii* (Hook.) Mitt. *Campylopus fragilis* (Turn.) Mitt.,
Fissidens pellucidus Hornsch. Loma del Gato, Dec. 5. 1860, 1861 ✓
- 87 - (duplication in numbers) ⁸⁷ *Campylopus cubensis* Sull. Forming dense patches
around old stumps, Pinal, Mo. V. Mar. 2. 1859, 1860, 1861 ✓

87: *C. tortuosus* Pinal March 3

- 88 - *Campylopus cubensis* Sull. Near Savanas on the river Castro near Sagua de Tánamo, April 3. 1861
- 88 - *Erpodium domingense* (Spreng.) C.M. On the underside of leaning trees, Bayamo, Oct. 12. 1860
- 88 - *Erpodium domingense* (Spreng.) C.M. On tree, Loma de Rangel, July 15. 1862
- 89 - *Holomitrium wrightii* Sull. On logs, Guajaibos, Nov. 16. 1862, 1863 ✓
- 89 - (another collection) *Holomitrium wrightii* Sull. On trees in thick woods, M. V., March 13. 1859, 1860 ✓
- 90 - *Holomitrium marginatum* Mitt. Cuba. -
- 91a- *Leucoloma albulum* (Sull.) Jaeg. On dead wood, M. V., Feb. 28 1859, 1860, 1861 ✓
- 91 - *Leucoloma albulum* (Sull.) Jaeg. On palm, Arroyo Ventecinco, Jurisdic., San Cristóbal, Apr. 21. 1862, 1863, 1864 ✓
- 93 - *Syrrhopodon quadichaudii* Mont. No data. — Same substrates etc as #94
- 94 - *Syrrhopodon gaudichaudii* Mont. On trees, Monte Verde, Nov. 18. 1861
- 95 - *Syrrhopodon incompletus* Schwaegr. On palms, Monte Verde, March 9. 1859, 1860, 1861 ✓
- 96 - *Syrrhopodon incompletus* Schwaegr. On palms in woods, Monte Verde, March 13. 1859, 1860 ✓
- 97 - *Syrrhopodon floridanus* Sull. On palms near the ground, Vega Yabrunal [?] near Consolación, Dec. 1. 1862
- 98 - *Syrrhopodon floridanus* Sull. At base of palms, Sitio Nuevo. Dec. 26. 1862, 1863 ✓
- 99 - *Syrrhopodon floridanus* Sull. On palms, Retiro, March 21. 1864
- 100 - *Syrrhopodon floridanus* Sull. On palms near the ground, Vega Yabrunal ?, near Consolacion, Dec. 1. 1862
- 101 - *Syrrhopodon floridanus* Sull. On palms, Princip. [?] - S. Spíritus [?], Dec. 27. 1861
- 102 - *Syrrhopodon floridanus* Sull. On trees, Bayamo, Las Tunas, Dec. 21. 1861
- 104 - *Syrrhopodon incompletus* Schwaegr. On palms, Loma de los Organos, Oct. 3. 1862, 1863 ✓
- 105 - *Groutiella mucronifolia* (Hook. & Grev.) Crum & Steere. On palms, Loma de Rangel, June 17. 1862, 1863, 1864 ✓
- 106 - *Macromitrium cirrosum* (Hedw.) Brid. forma. On trees in woods, Monte Verde, March 22. 1859, 1860

- 107 - *Macromitrium cirrosum* (Hedw.) Brid. Monte Verde. Sept. 2. 1859, 1861 ✓
- 108 - *Groutiella apiculata* (Hook.) Crum & Steere. No data. —
- 109 - *Groutiella rugosa* (Grout) Crum & Steere. On palms, Monte Verde, March 22. 1859, 1861 ✓
- 110 - *Schlotheimia rugifolia* (Hook.) Schwaegr. On trees, Sagua Vueltabajo, Nov. 3. ?
- 111 - *Schlotheimia rugifolia* (Hook.) Schwaegr. Monte Verde, March 27. 1859, 1860 ✓
- 112 - *Groutiella apiculata* (Hook.) Crum & Steere. On branches of trees in woods,
Monte Verde, March 15. 1859, 1860 ✓
- 113 - *Philonotis glaucescens* (Hornsch.) Par. On wet rocks along the River Taco.
Taco, Retiro, March 27. 1864
- 114 - *Philonotis glaucescens* (Hornsch.) Par. On banks, Cuchillas de Baracoa,
June 20. 1860, 1861 ✓
- 115 - *Philonotis glaucescens* (Hornsch.) Par. On banks, Bayamo, Dec. 19. 1861
- 116 - *Philonotis sphaericarpa* (Hedw.) Brid. No data. —
- 117 - *Sematophyllum lamprophyllum* Mitt. & S. insularum (Sull.) Mitt. No data. —
- 117 - *Pogonatum pensilvanicum* (Hedw.) Par. On banks, Viñales, Jan. 26. 1863, 1864 ✓
- 118 - *Pogonatum pensilvanicum* (Hedw.) Par. On banks, Luis Lazo, Jan. 6. 1864
- 118 - *Sematophyllum lamprophyllum* Mitt. & S. insularum (Sull.) Mitt. On logs in
woods, Monte Verde, March 9. 1859, 60, 61 ✓
- 119 - *Fissidens dissitifolius* Sull. On wet banks, N. Sophia, Nov. 22. 1859, 60, 61 ✓
- Some → 119 - *Fissidens dissitifolius* Sull. On wet banks, N. Sophia, Nov. 22. 1859, 60, 61 ✓
- 119 - *Sematophyllum lamprophyllum* Mitt. On rotten logs in the pinal, Monte Verde,
March 3. 1859, 60, 61 ✓
- 120 - *Trichostomum jamaicense* (Mitt.) Jaeg. On stones, N. Sophia, Nov. 22. 1859, 60, 61 ✓
- 120 - *Sematophyllum lamprophyllum* Mitt. On logs in woods, Monte Verde, Nov. 18. 1861
- 120 - *Bryum coronatum* Schwaegr. On burnt earth, Farallones, Potrero San Andrés,
Oct. 18. 1860
- 121 - *Hyophila tortula* (Schwaegr.) Hampe. On Stones, Saladin [?] [Salado ?]
Cuba, Nov. 21. ?
- 121 - *Sematophyllum lamprophyllum* Mitt. No Data. —

123 *Mittenothamnium diminutive* (Hampe) Britt

On logs, roadside Baracoa Dec 16

123 *Barbula cruegeri*, Sond. On stones and banks, N. Sophie Nov. 22, 1860

Thuidium involucri listed as 129 is really 179 (error made in
diagram, the collector #)

122 Sematoph. lamprophyllum on logs dense woods MV July 17

- 122 - Tortula mniifolia (Sull.) Mitt. On damp banks, N. Sophie, Nov. 22. 1859, 60, 61 ✓
- * 123 Mittenothamnium diminutivum (Hampe) Brid. On logs roadside Baracoa
- 125 - Entosthodon bonplandii (Brid.) Mitt. On rocks in river, San

Sebastian Lagunillas, Dec. 16. ?

- 125 - Hyophila tortula (Schw.) Hampe. On stones, N. Sophie, Nov. 22. 1859, 60, 61 ✓
- 125 - Sematophyllum sericifolium Mitt. On trees, San José, Oct. 20. 1862

* 124
m

- 126 - Philonotis sphaericarpa (H.) Brid. No data.
- 126 - Sematophyllum sericifolium Mitt. On logs, Las Tunas - P. Principe, Dec. 23. 1861

- 127 - Isopterygium micans (Swartz) Broth. On logs in swamps, Sitio Nuevo, Jurisdic. Nueva Filipina, Dec. 16. 1862, 1863 ✓

- 127 - Bryum coronatum Schwaegr. On ground that has been burned, Potrero San Andrés, Oct. 29. 1860

- 128 - Bryum coronatum Schwaegr. On walls of masonry, Ingenio Esperanza near Pinar del Río, Dec. 3. 1862

- 128 - Stereophyllum radiculosum (Hook.) Mitt. On trees, P. Principe - Espíritu Santo, Dec. 27. 1861

- 129 - Bryum coronatum Schwaegr. On banks, Retiro, Sept. 4. 1863

- 129 - Sematophyllum sericifolium Mitt. On logs, Las Tunas - P. Principe, Dec. 13. 1861

- 179 ← 129 - Thuidium involvens (Hedw.) Mitt. On trees at the base, San José, Oct. 16. 1862

- 130 - Sematophyllum galipense (C.M.) Mitt. On bushes at the roots, Bayamo - Las Tunas, Dec. 21. 1861

- 131 - Bryum sawyeri Ren. & Card. On rocks beside rivulets, Monte Verde, Feb. 28. 1859, 60, 61 ✓

- 131 - Taxithelium planum (Brid.) Mitt. & Isopterygium tenerum (Sw.) Mitt. At base of palms, Los Remates - La Grifa, Jurisdic. Nueva Filipina, Dec. 21. 1863

- 132 - Bryum sawyeri Ren. & Card. On rotten logs, Monte Verde, May 28. 1859, 60 ✓

- 133 - Bryum sawyeri Ren. & Card. On old logs, Monte Verde, April 2. 1859, 60 ✓

- 134 - Bryum sawyeri Ren. & Card. On logs, Las Tunas - P. Principe, Dec. 23. 1861

123 *Boarbala cruegeri* 11/22/60

124 *Stereophyllum celtiforme* (Sull) Mitt
+ *Mitlenothamium demeritovae* Kny -) *Boarbala*
Roadside Dec 15 Boyama

124 *Trichostomium creniculatum*
On Stone, North Sophie. Nov 22
det E.B. Barkun

- 136 - *Bryum sawyeri* Ren. & Card. North bank of the crater, E. Maui, Sandwich
I. Date dubious; discard. —
- 137 - *Bryum sawyeri* Ren. & Card. On logs, San Andrés, March 29. 1859, 60, 61 ✓
- 138 - *Bryum sawyeri* Ren. & Card. At base of trees, Pinito de la Jaula, Jurisdic.
Guanes, Dec. 25. 1862, 63 ✓
- 139 - *Bryum* sp. (sterile). On rocks, San José, Sept. 5. 1862
- 140 - *Bryum* sp. (sterile). On ground that has been burned, Farallones Potrero
San Andres, Oct. 27. 1860
- 140 - *Sematophyllum admistum* (Sull.) Mitt. On trees, Bermejales, Jurisdicción
de San Cristóbal, Oct. 9. 1862, 63 ✓
- 141 - *Helicodontium capillare* (Hedw.) Jaeg. Roadside, Bayamo, Dec. 15. 1861
- 142 - *Helicodontium capillare* (Hedw.) Jaeg. On trees, Loma de Rangel, Oct. 14. 1862
- 143 - *Sematophyllum caespitosum* (Hedw.) Mitt. On *Ginoria* along rivulets, Arroyo
Veintecinco, March 29. ?
- 144 - *Austinia tenuinervis* (Mitt.) C.M. & *Pinnatella minuta* (Mitt.) Broth.
[*Clasmatodon trichelyma* Sull. m.s.] On vines in woods, Monte
Verde, Feb. 28. 1859, 60, 61 ✓
- 145 - *Thuidium schistocalyx* (C.M.) Mitt. No data. —
- 146 - *Helicodontium capillare* (Hedw.) Jaeg. At the base of palms, woods, San
José, Oct. 16. 1862
- 147 - *Helicodontium capillare* (Hedw.) Jaeg. Monte Libano, Sept. 27. 1861
- 148 - *Helicodontium capillare* (Hedw.) Jaeg. On bushes in bed of Río Santa Cruz,
Oct. 16. 1862 ✓
- 150 - *Acrocryphaea gardneri* (Mitt.) Jaeg. Collected promiscuously from coffee trees
in the field, Monte Verde, Feb. 27, 1860 ! ! !
- 151 - *Cryphaea filiformis* (Sw.) Brid. & *Acrocryphaea gardneri* (Mitt.) Jaeg. On
bushes, Bayamo - Las Tunas near Canto, Dec. 20. 1861
- 153 - *Entodon macropus* (Hedw.) C.M. Monte Libano, March 6. 1861
- 154 - *Entodon macropus* (Hedw.) C.M. On logs, Monte Verde, Jan. 7. 1859, 61 ✓

- 155 - *Sematophyllum sericifolium* Mitt. On logs, Bermejales, Jurisdición
San Cristóbal, Oct. 9. 1862, 63 ✓
- 155 - *Entodon macropus* (Hedw.) C.M. & *Mittenothamnium reptans* (Hedw.) Card.
On dead wood, Monte Verde, Feb. 28. 1861, 60, 59 ✓
- 156 - *Entodon macropus* (Hedw.) C.M. & *Neckeropsis undulata* (Hedw.) Reich. On
rotting stumps, Los Hondones (Valparaiso), Oct. 4. 1861
- 156 - *Mittenothamnium diminutivum* (Hampe) Britt. & *Thuidium involvens* (Hedw.) Mitt.
No data. ✓
- 157 - *Isopterygium subtenerrimum* (Hampe) Par. ? On logs, Loma de Rangel, Oct. 14. 1862, 63 ✓
- 158 - *Helicodontium capillare* (Hedw.) Jaeg. & *Acrocryphaea*. On coffee trees,
Monte Verde, Feb. 27. 1859 60, 61 ✓
- 158 - *Neckeropsis disticha* (Hedw.) Kindb. On palms, La Grifa, Jurisdic. Nueva
Felipina, Dec. 23. 1863
- 159 - *Pilotrichum bipinnatum* (Schw.) Brid. On trees, Potosí, Monte Toro, Oct. 10. 1859 60, 61 ✓
- 159 - *Sematophyllum galipense* (C.M.) Mitt. On rocks in rivulets, Ysabel María,
Jan. 7. ?
- ~~160 - *Orthostichopsis tetragona* (Hedw.) Broth. No data. ✓~~
- 160 - (over)
- 161 - *Papillaria nigrescens* (Hedw.) Jaeg. No data. ✓
- 162 - *Lepidopilum polytrichoides* (Hedw.) Brid. Yunque de Baracoa, June 2. 1860
- ~~164 - *Lepidopilum muelleri* (Hampe) Mitt. On bushes in dense woods, Potosi
Monte Toro, Oct. 13. 1859, 60, 61 ✓~~
- 165 - *Cyclodictyon varians* (Sull.) Broth. — on rocks Potosi in Monte Toro
- 166 - *Hookeriopsis incurva* (Hook. & Grev.) Broth. On rotten logs in woods, May 1
Valparaiso, Oct. 2. 1861
- 167 - *Hookeriopsis incurva* (Hook. & Grev.) Broth. On rotten logs in low
woods, Valparaiso, Oct. 2. 1861
- 168 - *Callicostella depressa* (Hedw.) Jaeg. On rocks in rivulets, Jurisdicion
Pinar del Río, Dec. 14. 1860

160 - Isopterygium n. sp. ? [On "tembladeras" (floating islands) in
lagunas at the base of tall grasses, Cyperaceae etc., San
Mateo near Pinar del Rio, Dec. 8. 1862]

Also

On tembladeras in lagunas, Asienti Viejo de San Julian, Nov. 30. 1860

- 169 - *Callicostella depressa* (Hedw.) Jaeg. On logs in swamps, Sitio Nuevo,
Jurisdic. Nueva Filipina, Dec. 16. 1862, 63 ✓
- 170 - *Rhynchostegiopsis flexuosa* (Sull.) C.M. On rotten logs, Potosí, Monte
Toro, Oct. 10. 1859, 60, 61 ✓
- 171 - *Cyclodictyon varians* (Sull.) Broth. Loma de Rangel, Oct. 14. 1863 ✓
172 - (over)
- 173 - *Rhynchostegiopsis flexuosa* (Sull.) C.M. On rotten logs, Potosí Monte
Toro, Oct. 10. 1859, 60, 61 ✓
- 174 - *Cyclodictyon varians* (Sull.) Broth. *Callicostella depressa* (Hedw.) Jaeg.,
Ectropothecium, *Thuidium*. Monte Verde, July 20. 1859, 60, 61 ✓
- 174 - *Helicodontium capillare* (Hedw.) Jaeg. No data. —
- 175 - *Callicostella depressa* (Hedw.) Jaeg. On rocks beside rivulets, Monte
Verde, Nov. 18. 1861
- 175 - *Thuidium involvens* (Hedw.) Mitt. On trees at the base, San José, Oct. 16. 1862
- 176 - *Lepidopilum cubense* (Sull.) Mitt. On bushes, Loma de Rangel, July 10. 1862, 63 ✓
- 177 - *Thuidium schistocalyx* (C.M.) Mitt. On trees at base, P. Principe -
S. Espíritu, Jan. 1. 1862
- 178 - *Thuidium minutulum* (Hedw.) BSG. On logs, Retiro, March 22. 1864
* — For 179 see *Thuidium* number # 129 for data
- 180 - *Thuidium involvens* (Hedw.) Mitt. No data. —
- 181 - *Thuidium minutulum* (Hedw.) BSG. On rotting stump in field, Monte
Verde, Feb. 27. 1859, 60, 61 ✓
- 182 - *Thuidium minutulum* (Hedw.) BSG. On rotten log, Monte Verde, Aug. 20. 1861
- 183 - *Thuidium schistocalyx* (C.M.) Mitt. & *Anomodon attenuatus* (Hedw.) Hueb.
On stones at base of farallon, Vinales, Jan. 30. 1863, 4 ✓
- 184 - *Thuidium schistocalyx* (C.M.) Mitt. Monte Verde, July 20. 1859, 60 ✓
- 185 - *Thuidium urceolatum* Lor. No data —
186 see # 310 Rangel Oct. 17, 1862 ✓
- 187 - *Ectropothecium apiculatum* (Hornsch.) Mitt. On logs, Bermejales,
Jurisdiccion San Cristóbal, Oct. 9. 1862, 63 ✓
- 188 - *Ectropothecium apiculatum* (Hornsch.) Mitt. On logs, Rangel, Aug. 7. 1862, 63 ✓

172 - Callicostella n. sp.? Loma de los Organos, Oct. 3. 1862.63 ✓
The dioicous inflorescence, smooth costa, smooth seta, and
± elongate cells seem distinctive, in combination.

- 188 - *Stereophyllum radiculosum* (Hook.) Mitt. & *Calymperes donnellii* Aust.
At the base of palms, San José, Oct. 16. 1862
- 189 - *Ectropothecium apiculatum* (Hornsch.) Mitt. On rotten logs in woods,
Valparaiso, Oct. 2. 1859, 61 ✓
- 190 - *Ectropothecium apiculatum* (Hornsch.) Mitt. On logs, Loma de Rangel,
Oct. 14. 1862, 63 ✓
- 190 - *Taxithelium planum* (Brid.) Mitt. On rotten stumps, Los Hondones
(Valparaíso), Oct. 4. 1861
- 191 - *Ectropothecium apiculatum* (Hornsch.) Mitt. On rocks at base of paredores,
Viñales, Jan. 30. 1863, 64 ✓
- 191 - *Taxithelium planum* (Brid.) Mitt. & *Isopterygium subtenerrimum* (Hampe) Par.
On logs, San José, Oct. 20. 1862
- 192 - *Ectropothecium apiculatum* (Hornsch.) Mitt. On rotten logs, Monte Verde,
Aug. 26. 1859, 61 ✓
- 192 - *Stereophyllum radiculosum* (Hook.) Mitt. & *Taxithelium planum* (Brid.) Mitt.
On old logs in woods, Fuabequi [?], Nov. 9. ?
- 193 - *Helicodontium capillare* (Hedw.) Jaeg. On trees, San José, Oct. 20. 1862
- 193 - *Taxithelium planum* (Brid.) Mitt. On bushes, Monte Verde, Nov. 18. 1861
- 194 - *Ectropothecium apiculatum* (Hornsch.) Mitt. On banks, Sagua (Vega), Nov.
9. ?
- 194 - *Stereophyllum leucostegum* (Brid.) Mitt. On logs, Santa Cruz, Aug. 19. 1862, 63 ?
- 195 - *Ectropothecium apiculatum* (Hornsch.) Mitt. On logs, Guajaybon, Sept. 18. 1862, 63 ✓
- 195 - *Trichosteleum sentosum* (Sull.) Jaeg. On rotten logs in woods, Monte
Verde, Nov. 18. 1861
- 196 - *Acroporium jamaicense* Crum & Bartr. & *Trichosteleum sentosum* (Sull.) Jaeg.
On rotten logs, Yunque de Baracoa, June 11. 1861
- 196 - *Ectropothecium apiculatum* (Hornsch.) Mitt. On stones, San Diego de los
Baños, Sept. 10. 1862, 63 ✓

- 197 - *Sematophyllum galipense* (C.M.) Mitt. On stones, San Juan de Buevavista,
Nov. 24. 1860
- 198 - *Sematophyllum galipense* (C.M.) Mitt. ? No data —
- 199 - *Sematophyllum galipense* (C.M.) Mitt. La Guinea, Dec. 10. 1859, 60, 61 ✓
- 201 - *Sematophyllum sericifolium* Mitt. No data. —
- 203 - *Mittenothamnium reptans* (Hedw.) Card. Monte Libano [?], Sept. 28 1861
- 204 - *Vesicularia amphibola* (Spruce ex Mitt.) Broth. ? No data. —
- 205 - *Rhaphidorrhynchium subsimplex* (Hedw.) Broth. On logs, Loma de Rangel,
July 10. 1862, 63 ✓
- 205 - *Sematophyllum admistum* (Sull.) Mitt. & *Isopterygium tenerum* (Sw.) Mitt.
On rotten logs in woods, Potrero San Andrés, 4 leagues from
Bayamo, Oct. 22. 1860
- 206 - *Isopterygium tenerum* (Sw.) Mitt. At base of palms, Ingenio Esperanza
near Pinar del Rio, Dec. 6. 1862
- 206 - *Sematophyllum caespitosum* (Hedw.) Mitt. forma - On trees, margin of river,
Santa Cruz, Sept. 5. 1862
- 207 - *Sematophyllum sericifolium* Mitt. No data. —
- 208 - *Mittenothamnium diminutivum* (Hampe) Britton. On logs, Bermejales,
Jurisdicion San Cristobal, Oct. 9. 1862, 63 ✓
- 209 - *Mittenothamnium reptans* (Hedw.) Card. On rocks beside rivulets, Monte
Verde, Nov. 18. 1861
- 210 - *Isopterygium subtenerrimum* (Hampe) Par. On palm, Monte Verde, Aug. 26. 1859, 61 ✓
- 210 - *Mittenothamnium reptans* (Hedw.) Card. No data. —
- 211 - *Stereophyllum radiculosum* (Hook.) Mitt. & *Mittenothamnium diminutivum* (Hpe.)
Britt. On logs in woods, Potrero San Andrés, Oct. 29. 1860
- 212 - *Isopterygium subtenerrimum* (Hampe) Par. On logs, Monte Verde, Aug. 26. 1859, 61 ✓
- 213 - *Mittenothamnium reptans* (Hedw.) Card. On trunks of slender trees, Monte
Verde, March 20. 1859, 60 ✓
- 214 - *Mittenothamnium reptans* (Hedw.) Card. On branches of trees, Monte Verde,
March 20. 1859, 61 ✓

- 215 - *Isopterygium subtenerrimum* (Hampe) Par. On palms in woods, Monte Verde, Feb. 28. 1859, 60, 61 ✓
- 216 - *Mittenothamnium reptans* (Hedw.) Card. On trees, Los Hondones, Oct. 4. 1861
- 234 - *Ectropothecium apiculatum* (Hornsch.) Mitt. On logs, La Palma (Vega), Jurisdicción San Cristóbal, Partido Palacios. 1862, 63, 64 ?
- 235 - *Ectropothecium apiculatum* (Hornsch.) Mitt. On logs, Rangel, March 22. 1863, 64 ✓
- 236 - *Sematophyllum sericifolium* Mitt. On trees, Rio Taco Taco, March 24. 1863, 64 ✓
- 237 - *Isopterygium micans* (Sw.) Broth. On logs in swamp, Sitio Nuevo, Jurisdic. Nueva Felipina, Dec. 16. 1862, 63 ✓
- 237 - *Taxithelium planum* (Brid.) Mitt. On stones, roadside, Bayamo, Cuba, Dec. 15. 1861
- 238 - *Taxithelium planum* (Brid.) Mitt. & *Mittenothamnium diminutivum* (Hampe) Britt. On logs, roadside, Bayamo, Dec. 16. 1861
- 240 - *Taxithelium planum* (Brid.) Mitt. Around the base of palms, Mayarí-abajo, Aug. 2. 1860
- 241 - *Haplocladium microphyllum* (Hedw.) Broth. On stones, N. Sophie, Nov. 22. 1859, 61 ✓
- 242 - *Sematophyllum admistum* (Sull.) Mitt. On logs in woods at Cayo del Rey, Aug. 10. ? 1860 ?
- 243 - *Mittenothamnium diminutivum* (Hpe.) Britt. On stones beside creeks, Saltadero, Cuba, Nov. 21. 1859
- 244 - *Taxithelium planum* (Brid.) Mitt. No data. —
- 245 - *Sematophyllum sericifolium* Mitt. On logs, Sitio Nuevo, Jurisdicción Guanés, Dec. 26. 1862, 63 ✓
- 246 - ~~Micr~~^{le}*rothecium wrightii* (C.M.) Broth. (det. ex char.) On palms, Monte Verde, March 15. 1859, 60 ✓
- 247 - *Sematophyllum caespitosum* (Hedw.) Mitt. forma. On tree, Potosí, Monte Toro, Oct. 14. 1859, 61 ✓
- 248 - *Sematophyllum sericifolium* Mitt. On bushes, Loma de Rangel, Oct. 14. 1862, 63 ✓
- 249 - *Sematophyllum caespitosum* (Hedw.) Mitt. & *S. sericifolium* Mitt. On old logs, Monte Verde, April 2. 1859, 60, 61 ✓

- 250 - *Mittenothamnium cubense* (C.M.) Card. (sensu Thériot, Mem. Soc. Cubana
Hist. Nat. 15: 228) ? Monte Libano, March 7. 1861
- 251 - *Mittenothamnium diminutivum* (Hpe.) Britt. On logs, Monte Verde, Aug. 24. 1859, 61 ✓
- 252 - *Stereophyllum leucostegum* (Brid.) Mitt. On bushes, Retiro, July 15. 1863
- 253 - *Sematophyllum sericifolium* Mitt. On rotten logs, Loma de Rangel,
June 17. 1862, 63 ✓
- 254 - *Mittenothamnium diminutivum* (Hampe) Britt. forma - Loma de Runjil, June 17. ?
- 261 - *Sematophyllum caespitosum* (Hedw.) Mitt. forma - On the upper twigs of tall
trees, Monte Verde, March 20. 1859, 60 ✓
- 262 - *Homaliodendron decompositum* (Brid.) Wagner. Monte Verde, Nov. 18. 1861
- 263 - *Sematophyllum lamprophyllum* Mitt. On rotting logs, Monte Verde, Nov. 18. 1861

Wright's 3rd. Cuban Collection. 1867.

- 1 - *Erpodium domingense* (Spreng.) C.M. On trees in mangrove swamps,
Toscano, April 10. 1866
- 2 - *Dicranella harrisii* (C.M.) Broth. No data. —
- 3 - *Dicranella herminieri* Besch. On banks of rivulets, Pinales, Pinardel Rio,
Oct. 1865, 66
- 4 - *Dicranella reticulata* (C.M.) Paris & *Entosthodon bonplandii* (Hook.) Mitt.
On rocks in the river, San Sebastian Lagunillas, J. Pinar del Río,
Dec. 1865, 66
- 5 - *Dicranella hilariana* (Mont.) Mitt. Banks, J. Pinar del Río, Dec. 1865, 66
- 6 - *Dicranella subinclinata* Lor. On banks, Viñales, [Jan. ?] 1866, 67
- 7 - *Holomitrium wrightii* Sull. (a form probably referable to *H. maxonii*
Williams). On bushes, summit of mts., Vinales, Nov. 1865, 66
- 8 - *Trichostomum jamaicense* (Mitt.) Jaeg. On rocks along the river, San
Sebastian Lagunillas, J. Pinar del Río, Dec. 1865, 66
- 9 - *Ephemerum serratum* (Hedw.) Hampe? No data. (no drawing.) —
- 10 - *Entosthodon bonplandii* (Hook.) Mitt. No data. —
- 11 - *Entosthodon bonplandii* (Hook.) Mitt. On rocks along the river, San
Sebastian Lagunillas, J. Pinar del Río, Dec. 1865, 66
- 12 - *Octoblepharum albidum* Hedw. At the base of palms, Dayaniguas, Dec. ?
- 13 - *Bryum coronatum* Schwaegr. On the ground, hills, Balestena, Jan. 9. 1866
- 14 - *Syrrhopodon incompletus* Schwaegr. On palms, Caiguanabo, Nov. .
- 15 - *Syrrhopodon incompletus* Schwaegr. On trees, Monte Verde, Nov. 13. 1865
- 16 - *Syrrhopodon floridanus* Sull. On palms in woods, Retiro, July. 1866
- 17 - *Trichostomum jamaicense* (Mitt.) Jaeg. On rocks beside the river, Sta.
Cruz Balestena, Feb. 3. 1866

- 18 - *Groutiella apiculata* (Hook.) Crum & Steere. On trees, Rangel,
Nov. 14. 1866
- 19 - *Pogonatum pensilvanicum* (Hedw.) Par. On banks, Viñales, Jan. 66, 67
- 20 - *Pogonatum pensilvanicum* (Hedw.) Par. On banks, Cayos de San Felipe,
J. Pinar del Río. -
- 21 - *Fissidens kegelianus* C.M. Retiro, Aug. 66
- 22 - *Fissidens elegans* Brid. On dripping banks, Rangel, Nov. 7. 65, 66
- 23 - *Fissidens* ~~n. sp.~~ ^{neglectus Crum.} In mountain rivulets on rocks overflowed by heavy
rain, Loma Pelada, Nov. 29. ?
- 24 - *Fissidens kegelianus* C.M. In dense patches, summit of hills,
Retiro, Oct. 3. 65
- 25 - *Fissidens similiretis* Sull. At the base of palms, Retiro, Oct. 2. 65
- 26 - *Fissidens elegans* Brid. On rocky banks of stream, La Catalina (Vega),
Nov. ?
- 27 - *Fissidens similiretis* Sull. On banks, Rangel, Feb. 9. 1866, 67*
- 28 - *Fissidens similiretis* Sull. On rocks in mountain wood, Retiro, Sept. 1866
- 29 - *Fissidens similiretis* Sull. In mountain rivulets on rocks, overflowed
in heavy rain, Loma Pelada, Nov. 29. ?
- 30 - *Fissidens* ~~n. sp.~~ ^{pellucidus Hornsch.} (form with blunt leaf tips, short costa, strongly
toothed margin) On banks, J[urisdiccion] Pinar del Rio, Dec. 65, 66
- 31 - *Fissidens garberi* L. & J. No data. -
- 32 - *Fissidens leptopus* Card. On stones, pinal, Rangel, Dec. 20. 1865, 66
- 33 - *Fissidens elegans* Brid. On rocks, Rangel, Jan. 11. 1866, 67
- 34 - *Fissidens pellucidus* Hornsch. On banks, mountains of Rangel, Dec. 1865, 66
- 35 - *Fissidens similiretis* Sull. On the vertical face of rocks, in damp
shady woods, Loma Pelada, Dec. 12. ?
- 36 - *Fissidens leptopus* Card. On banks in dense woods, Retiro, Nov. 20. 1866
- 37 - *Fissidens similiretis* Sull. Loma Pelada, Dec. 12. ?
- 38 - *Fissidens densiretis* Sull. ? No data. -
- 39 - *Fissidens similiretis* Sull. On rotten logs, Rangel, Dec. 20. 1865, 66

- 40 - *Fissidens elegans* Brid. forma (= *F. cuspidulatus* Sull.) On earth,
Rangel, Dec. 20. 1865, 66
- 41 - *Fissidens similiretis* Sull. On rotten logs, Rangel, Dec. 20. 1865, 66
- 42 - *Fissidens similiretis* Sull. & *Thuidium urceolatum* Lor. On trees in dense
woods, Rangel, Dec. 20. 1865, 66
- 43 - *Fissidens leptopus* Card. On banks in woods, Retiro, Nov. 20. 1866
- 44 - *Fissidens leptopus* Card. On rotten wood in forests, Retiro, Nov. 20. 1866
- 45 - *Fissidens kegelianus* C.M. On hard earth along paths, Retiro, Nov. 20. 1866
- 46 - *Fissidens ravenelii* Sull. ? & *F. radicans* Mont. On adventitious roots
of palms in woods, Retiro, Nov. 20. 1866
- 47 - empty -
- 48 - *Fissidens garberi* L. & J. On banks, Rangel. -
- 49 - *Fissidens donnellii* Aust. & *Isopterygium subtenerrimum* (Hampe ex C.M.) Par.
& *Mittenothamnium diminutivum* (Hampe) Britt. On rotten woods,
Mogote de Mono, Rangel, Nov. 17. 1865, 66
- 50 - *Fissidens angustifolius* Sull. On stones and earth (banks), Rangel, Nov. 14. 1865, 66
- 51 - *Fissidens similiretis* Sull. On tree, summit of mountains, Mogote de Mono,
Rangel, Nov. 17. 1865, 66
- 52 - *Fissidens leptopus* Card. On banks, Rangel, Nov. 14. 1865, 66
- 53 - *Fissidens angustifolius* Sull. On earth in dense woods, Rangel, Nov. 14. 1865, 66
- 54 - *Fissidens leptopus* Sull. & *F. kegelianus* C.M. On banks of earth, Rangel,
Nov. 17. 1865, 66
- 55 - *Fissidens garberi* L. & J. Around the base of bushes, Rangel, Nov. 14. 1865, 66
- 56 - *Fissidens similiretis* Sull. On bushes close to the ground, mts. of
Rangel, Nov. 14. 1865, 66
- 57 - empty -
- 58 - *Fissidens debilis* Schwaegr. On gravel and stones in the bed of a rivulet,
Charco de Toro, Aug. ?
- 59 - *Cyclodictyon varians* (Sull.) Broth. No data. -

- 60 - *Cyclodictyon virians* (Sull.) Broth. & *Vesicularia vesicularis* (Mitt.) Broth.
On logs in woods, Rangel, Feb. 9. 1866, 67
- 61 - *Vesicularia crassicaulis* (Mitt.) Broth. On logs in woods, Rangel,
Dec. 20. 1865, 66
- 62 - *Callicostella depressa* (Hedw.) Jaeg. On rotten logs in the mountains,
Balestina, July. 1866
- 63 - *Cyclodictyon varians* (Sull.) Broth. & *Vesicularia vesicularis* (Schw.) Broth.
No data. —
- 64 - *Rhizogonium spiniforme* (Hedw.) Bruch. On logs and stumps in damp woods,
Arroyo veintecinco, Jan. 16. ?
- 65 - *Neckeropsis undulata* (Hedw.) Reich. On trees in dense woods, Rangel,
Nov. 14. 1865, 66
- 66 - *Orthostichidium pentagonum* (Hampe & Lor.) C.M. On trees and bushes in damp
woods, Rangel, Nov. 14. 1865, 66
- 67 - *Neckeropsis disticha* (Hedw.) Kindb. No data. —
- 68 - *Orthostichopsis tetragona* (Hedw.) Broth. Hanging from bushes, damp woods
on the río Seco in Arroyo Hondo, J. Pinar del Río, Dec. 1866
- 69 - *Barbula cubensis* (Mitt.) Broth. On bushes in damp woods, Rangel, Nov. 14. 1865, 66
- 70 - *Helicodontium capillare* (Hedw.) Jaeg. On trees, Balestina, Feb. 17. 1866
- 71 - *Pilotrichidium leonii* (Thér.) Crum & Bartram. On rocks in mountain
rivulets, Guinía, Trinidad, March 4. 1867
- 72 - *Leptodictyum riparium* (Hedw.) Warnst. No data. —
- 73 - *Leptodictyum riparium* (Hedw.) Warnst. On rocks in Río Cuyaguaje, La
Griva in Luis Lazo, Dec. 1866
- 74 - *Leptodictyum riparium* (Hedw.) Warnst. Rocks in the river Santa Cruz, always
submerged, Nov. ?
- 75 - *Syrrhopodon floridanus* Sull. On the caudex of arborescent ferns, Loma
Pelada, Dec. 12. ?
- 76 - *Lepyrodontopsis trichophylla* (Hedw.) Broth. On rocks and trees beneath
cliffs, Loma Pelada, Dec. 4. ?

- 77 - *Thuidium urceolatum* Lor. On rocks and logs, (no locus). ✓
- 78 - *Thuidium urceolatum* Lor. No data. ✓
- 79 - *Thuidium urceolatum* Lor. No data. —
- 80 - *Thuidium minutulum* (Hedw.) BSG. On rotten logs in woods, Rangel, Nov. 14. 1865, 66
- 81 - *Vesicularia crassicaulis* (Mitt.) Broth. & *Ectropothecium apiculatum* (Hornsch.)
Miss. On rotten logs in dense woods, Rangel, Nov. 14. 1865, 66
- 82 - *Ectropothecium apiculatum* (Hornsch.) Mitt. On rotting logs in dense woods,
Retiro, Nov. 20 1866
- 83 - *Ectropothecium apiculatum* (Hornsch.) Mitt. & *Thuidium* sp. On rotten logs
in dense woods, Retiro, Nov. 20. 1866
- 84 - *Vesicularia crassicaulis* (Mitt.) Broth. & *V. vesicularis* (Schwaegr.) Broth.
& *Ectropothecium apiculatum* (Hornsch.) Mitt. No data. —
- 85 - *Vesicularia crassicaulis* (Mitt.) Broth. On rotten logs in mountains,
Rangel, Dec. 1865, 66
- 86 - *Vesicularia crassicaulis* (Mitt.) Broth. Marshy ground, Monte Verde,
Nov. 5. 1865
- 87 - *Vesicularia crassicaulis* (Mitt.) Broth. Marshy ground, Monte Verde, Nov. 5. 1865
- 88 - *Hookeriopsis guadalupensis* (Brid.) Jaeg. In damp woods on logs, Rangel,
Jan. 11. 1866, 67
- 89 - empty —
- 90 - *Mittenothamnium reptans* (Hedw.) Card. & *Thuidium urceolatum* Lor.
No data. —
- 91 - *Haplocladium microphyllum* (Hedw.) Broth. At the base of trees, Monte
Verde, Nov. 5. 1865
- 92 - *Mittenothamnium diminutivum* (Hpe.) Britt. & *Thuidium involvens* & *T.*
schistocalyx. Caiguanabo, J. Consolación, Nov. 1865, 66
- 93 - *Mittenothamnium diminutivum* (Hampe) Britt. No data. —
- 94 - *Platiothecium jamaicense* C.M. On tembladero, Laguna de Monte [?]
to Sta. Cruz de los Pinos, Jan. 24. ?

- 95 - *Plagiothecium jamaicense* C.M. On dead vegetable matter in lagunas, Sta. Cruz de los Pinos, July. ?
- 96 - *Isopterygium micans* (Swartz) Broth. Growing on the trunks of bushes, close to the roots in the edge of ponds, Lagunade Pica Pica, Aug. 65, 66
- 97 - *Plagiothecium jamaicense* C.M. On logs beside ponds, Pinar del Río, Sept. 65, 66
- 98 - *Plagiothecium jamaicense* C.M. On tembladores in lagunas, J [urisdicion] Pinar del Río, Dec. 65
- 99 - *Vesicularia amphibola* (Spruce ex Mitt.) Broth. On sticks in wet places, Retiro, Dec. 4. 65-66
- 100 - *Vesicularia crassicaulis* (Mitt.) Broth. On wet logs, Rangel, Jan. 27. 67
- 101 - *Vesicularia crassicaulis* (Mitt.) Broth. & *Thuidium involvens* (Hedw.) Mitt. On rotting logs in woods, Retiro, Nov. 20. 66, 65
- 102 - *Plagiothecium jamaicense* C.M. Los Cayos de San Felipe, J. Pinar del Río, Nov. 65, 66
- 103 - *Sematophyllum sericifolia* Mitt. & *Acroporium jamaicae* Crum & Bartr. On logs in woods, Rangel, Nov. 14. 65, 66
- 104 - *Acroporium jamaicense* Crum & Bartr. On logs, River Sant Cruz, Balestena, Feb. 3. 66
- 105 - *Sematophyllum admistum* (Sull.) Mitt. On rotten wood, Retiro, Nov. 20. 66
- 106 - *Stereophyllum radiculosum* (Hook.) Mitt. On trees in woods, Rangel, Nov. 17. 65, 67
- 107 - *Taxithelium planum* (Brid.) Mitt. Loma Pelada, Dec. 12. 65, 66
- 108 - *Taxithelium planum* (Brid.) Mitt. On rotting logs, Retiro, Nov. 20. 66
- 109 - *Sematophyllum caespitosum* (Hedw.) Mitt. On trees, Rangel, Nov. 14. 65, 66
- 110 - *Taxithelium planum* (Brid.) Mitt. On rotten logs, Rangel. 65, 66, 67
- 111 p.p. - *Hypnum pratense* Koch "was mixed with *Hookeria* 111" . On rocks along the Rio San Sebastian Lagunillas, J. Pinar del Río, Dec. 65, 66

- 112 - *Isopterygium micans* (Sw.) Broth. On rocks in the mountains, Retiro,
Sept. 66
- 112a- *Isopterygium subtenerrimum* (Hampe ex C.M.) Paris. No data. —
- 113 - *Leucomium compressum* Mitt. & *Vesicularia* sp. In damp woods on rocks,
Rangel, Jan. 11. 66, 67
- 114 - *Leucomium compressum* Mitt. & *Callicostella depressa* & *Isopterygium* sp.
No data. —
- 115 - *Haplocladium microphyllum* (Hedw.) Broth. & *Philonotis gracillima* Angstr.
On rotten sticks in wet places. (No locus). —
- 116 - *Isopterygium subtenerrimum* (Hampe) Par. ? (material very poor)
On rotten logs in dense woods, Retiro, Nov. 20. 66