

# MOSES OF THE DOMINICAN REPUBLIC: SPECIES CATALOGUE, ELEVATION DISTRIBUTION AND FLORISTIC AFFINITIES

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**Abstract.** The Dominican Republic moss flora stands out within the Caribbean countries because of the high species richness and number of disjuncts. The flora is comprised of 467 taxa in 207 genera, and 61 families. We report 62 new records and 82 disjuncts for this flora that shows affinity with other Greater Antilles and Central America. Within the context of the Caribbean and in terms of conservation, this flora is important because it represents both the highest reported moss species richness and 82 unique disjuncts within the West Indies.

**Keywords:** Dominican Republic moss flora, moss species richness, Caribbean diversity

As a result of its diverse flora and high levels of endemism, the West Indies is considered a biodiversity hotspot. While its indigenous seed vascular plant flora comprises 10,948 species (Acevedo-Rodríguez and Strong 2008), the Dominican Republic portion of this archipelago ranks second in species richness, with 3,418 species ([http://botany.si.edu/Antilles/WestIndies/results.cfm?formid=Dom\\_Rep](http://botany.si.edu/Antilles/WestIndies/results.cfm?formid=Dom_Rep)). Although other groups of plants, such as ferns and bryophytes, have been extensively collected in the West Indies, the floristic treatments of these collections are incomplete. For example for the mosses, Delgadillo (2000) reported 714 species; however, Gradstein et al. (2001) reduced this number to 500. Of the species listed in Delgadillo et al. (1995), 60% occurred in the Dominican Republic. In spite of the importance of the Dominican Republic moss flora, an updated checklist is only available for liverworts (Schäfer-Verwimp and Pócs 2009).

In 1983, Buck and Steere published a checklist of mosses for Hispaniola and reported 505 species. Of these, 447 occurred in the Dominican Republic. In contrast, Delgadillo et al. (1995) assigned 400 species. This decrease in numbers is consonant with elimination of superfluous names and synonymy.

To promote species conservation of mosses within the West Indies, it is imperative to revise all of these previously-available and new data. Therefore, our objectives are to generate a catalogue of Dominican Republic mosses, relate the species richness of these mosses with the elevational gradient, and compare the results with other moss floras. Our revision indicates that the Dominican Republic moss flora both represents a substantial portion of the Caribbean moss species richness and contains a unique, high elevation element that is absent on other islands. It is notable that this flora is similar to those documented from Cuba, Puerto Rico, and Central America.

## MATERIALS AND METHODS

### *Dominican Republic*

The Dominican Republic, which occupies 44,482 km<sup>2</sup>, is the second largest territory of the West Indies (Bolay 1997). It is distinguished from the other Caribbean countries by its dissected topography, which encompasses nine distinct mountain systems and contains the highest peak (Pico Duarte, 3,098 m) in the

Caribbean. Among these mountain ranges there are seven valleys and plains. Another striking topographic feature is the Cordillera Central area of Valle Nuevo, the highest plateau in the Caribbean. The complex topography is dominated by volcanic and limestone substrates (Bolay 1997), which, unsurprisingly, support a diverse flora.

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To update the checklist of mosses for the Dominican Republic, we used an online catalog (i.e., Tropicos, from the Missouri Botanical Garden/MoBot) to revise the nomenclature of the list published by Buck and Steere (1983). We also did a literature revision and added the names published by Delgadillo et al. (1995) as well as other revisionary work by Buck (1998), Hedenäs (2003), and Pursell (2007). The New York Botanical Garden and the Missouri Botanical Garden online databases were used to locate specimens for each name. To avoid a species list with superfluous names and doubtful species, we followed Churchill's (2009) protocol. We thus excluded from the analysis species of doubtful taxonomic status. Therefore, all specimens included in the checklist have at least a voucher specimen at NY, MO, the University of Puerto Rico Mayagüez Campus herbarium (MAPR), or the Herbario del Centro Oriental de Ecosistemas y Biodiversidad (BSC). Specimens of I. Sastre and M. Pérez are deposited at MAPR, those of A. Motito are at BSC and unless noted the other specimens listed are NY.

Aside from collecting online specimen data (including elevation, localities, and individuals who determined a given specimen), we visited NY to confirm our new records and study some doubtful specimens. Moreover, as part of a larger ecological study, first and second authors made collections of mosses from Sierra de Neiba, Sierra de Bahoruco, and some areas of the Cordillera Central during the summers of 2008 and 2009. While species list nomenclature is based on Tropicos, families follow Goffinet and Buck (<http://www.eeb.uconn.edu/people/goffinet/Classificationmosses.html>).

We used Bolay's (1997) Dominican Republic elevational ranges and phytogeographic zones to categorize species distributions and to determine areas of higher species richness. A presence/absence matrix of moss species from Dominican Republic, Cuba, Puerto Rico, Guatemala, and the Andes was assembled to run a cluster analysis using the PC-Ord program (McCune and Mefford, 1999). Data for Guatemala was obtained from Salazar et al. (2006), and for the Andes was provided by S. P. Churchill.

## RESULTS

### *Overall Taxonomic Diversity*

The literature review, online databases, and recent collections by the authors showed that the entire Dominican Republic moss flora is comprised of 61 families, 207 genera, and 467 taxa (Appendix I). We report 62 new records in Appendix I; these species are marked with an asterisk. Forty-seven percent of the overall diversity is represented in nine families that

have 20 or more species each (Table 1). A second group of families, which have from 18 to 15 species each, contains 10% of the Dominican Republic overall diversity. In terms of the genera, *Fissidens* stands out with 33 species. This is followed by *Campylopus* and *Macromitrium*, with 12 and 11 species, respectively (Table 1).

TABLE 1. Most diverse families and genera of mosses for the Dominican Republic.

FAMILY	NO. OF SPECIES	GENUS	NO. OF SPECIES
POTTIACEAE	49	<i>FISSIDENS</i>	33
FISSIDENTACEAE	33	<i>CAMPYLOPUS</i>	12
ORTHOTRICHACEAE	27	<i>MACROMITRIUM</i>	11
PILOTRICHACEAE	26	<i>BRYUM</i>	8
LEUCOBRYACEAE	23	<i>BREUTELIA</i>	8
BARTRAMIACEAE	22	<i>LEUCOBRYUM</i>	7
BRACHYTHECIACEAE	22	<i>POHLIA</i>	7
CALYMPERACEAE	20	<i>SYRRHOPODON</i>	7
DICRANACEAE	20	<i>POROTRICHUM</i>	6
BRYACEAE	17	<i>SPHAGNUM</i>	6
NECKERACEAE	16	<i>POGONATUM</i>	5
SEMATOPHYLLACEAE	16		

Of the 467 taxa recorded for the Dominican Republic, there were 82 taxa that within the Caribbean are only known for this country (see Appendix I—listed species, which are marked with a cross). These species are not endemics but disjuncts from North, Central, and South America.

#### *Species Richness by Elevation*

Moss species richness increased with elevation through the 1,000–2,000 m altitudinal range (Table 2). This was followed by a decline at 2,000–3,000 m. However, note that the richness of 2,000–3,000 m species was still greater than that of the first elevation interval. Twenty-eight percent (96) of species at the 1000–2000 m range are unique to that elevation while 22% (45 species) of the species present on the 2000–3000 m belt occurred only at this elevational range.

Although the disjunct species occurred along the entire elevational gradient, their number increased with elevation. The highest number of these species occurred at the 1,000–2,000 m altitudinal range (Table 2). However, of the 24 species at 3,000 m elevational belt, 58% of these are disjunct species.

#### *Flora Affinities*

A cluster analysis reveals that the Dominican Republic, Cuba, and Puerto Rico form a group that shared 85% of their species (Fig. 1). Even though it shares this high percentage, the Dominican Republic forms a separate branch. The West Indies is nested within a cluster that includes Central America, as represented by Guatemala. South America, represented by Colombia and Venezuela, is in a different cluster.

TABLE 2. Distribution of species by elevational ranges: a) species richness by elevation range; b) number of species unique to range; and c) percentage of the 82 disjuncts present in each range. Elevational ranges follow Bolay's (1997) Dominican Republic phytogeographic zones.

ELEVATION (M)	NUMBER OF SPECIES	UNIQUE TO RANGE	% OF 82 DISJUNCTS PRESENT
LESS THAN 300	123	25	4
300–1,000	166	21	3
1,000–2,000	338	96	15
2,000–3,000	198	45	26
MORE THAN 3,000	24	3	58

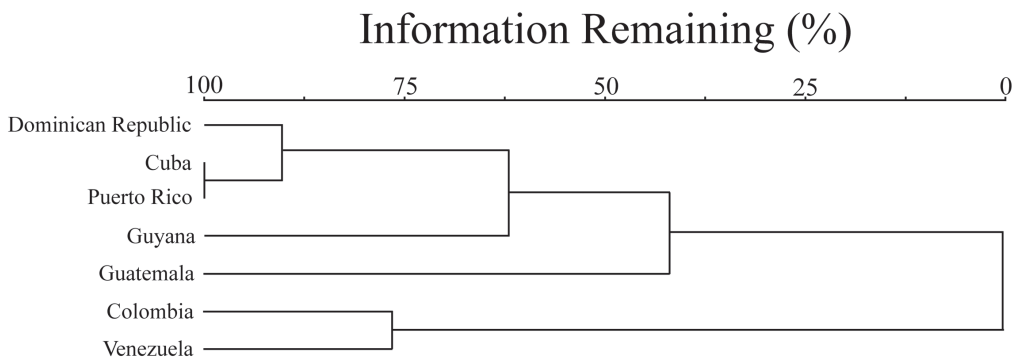


FIGURE 1. Affinities of the Dominican Republic moss flora generated from a data matrix of 1486 taxa and 6 other geographical areas (Cuba, Puerto Rico, Guatemala, Guyana, Venezuela and Colombia). Cluster analysis with PC-Ord (1999).

## DISCUSSION

Our revision shows that there is both an increase in species richness as compared with Buck and Steere (1983) and a high number of species that are only known to occur in the Dominican Republic portion of the West Indies. In spite of all the revisionary work since Buck and Steere's checklist (1983), the flora increased by 10%, which represents 20 additional species. Most of these records represent the collecting efforts of several bryologists, including W. R. Buck, W. C. Steere, D. Norris, A. Motito, M. Pérez, and I. Sastre-De Jesús, and other botanists (e.g., T. Zanoni, who worked on the Dominican Republic for 13 years). Compared to other islands of the Greater Antilles, the Dominican Republic ranks first in richness and has 71 and 139 more moss species than Cuba and Puerto Rico, respectively.

In the Dominican Republic, the highest number of species was found between 1000–2000 m. This altitudinal belt had the highest number of species because it encompasses species from lower and higher elevational belts (Table 2). Only 96 species were exclusive to this belt. Therefore, most of the species in this belt seem to have a wider elevational range than species in other belts. In contrast, Colombia displayed the highest richness between 2500–3000 m for mosses (Churchill, 2009), and for hepatics it was between 2000–3000 m (Uribe and Gradstein, 1999).

This moss flora also contains a high number of disjunct species (Table 2 and Appendix I) and most of these species are from the Valle Nuevo altiplano (which is situated above 2000 m). Schäfer-Verwimp and Pócs (2009) also found a similar pattern, this being a group of hepatics (*Anastrophyllum*, *Aureolejeunea*, *Campanocolea*, *Harpalejeunea cinchonae*) from higher altitudes. They also attributed

the presence of this element to the three peaks that occurred higher than 3,000 m in the Dominican Republic.

The Dominican Republic is the only country in the Caribbean with such high elevations. Lower elevations on the other islands could possibly explain the absence of those species.

Our cluster analysis shows a high affinity of the Dominican Republic moss flora to other Greater Antillies islands as represented by Cuba and Puerto Rico. However, the Dominican Republic stands out from those two other countries because it has a high elevation species element absent on the other islands. This group of species from higher elevation was used by Steere (1985) to support that the island of Hispaniola (Haiti and Dominican Republic) has a strong continental affiliation.

As in Crosby (1969) our data supports that the Dominican Republic moss flora is more related to Central America than to South America (Fig. 1). However, Delgadillo (1993, 2000) suggested that the West Indies moss flora (e.i., including the Greater and Lesser Antilles) has a stronger affinity with South America. The Lesser Antilles have a stronger similarity to South America than the Greater Antilles (Delgadillo 1993, 2000). Since in our data set we did not include the Lesser Antilles it is not surprising that the Dominican Republic then shows more similarity to Central America than South America. Other studies using phylogenetic tools and selected genera should be carried out to further evaluate this hypothesis.

In conclusion, within the context of the Caribbean and in terms of conservation, this flora is important because it represents both the highest reported moss species richness and 82 unique disjuncts within the West Indies.

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## APPENDIX I.

Appendix I. Species of mosses reported for the Dominican Republic. †Within the West Indies only known for the Dominican Republic, \*New Record for the Dominican Republic

†*Acaulon muticum* (Schreb. ex Hedw.) Müll. Hal: **La Vega**, W. R. Buck 14035. 2000–2999 m

*Acroporium caespitosum* (Hedw.) W. R. Buck: **Constanza**, A. H. Liogier 17079; **Dajabón**, T. A. Zanoni 17939D; **Independencia**, D. H. Norris B6378; **Pedernales**, T. A. Zanoni 16810; **Trujillo**, H. A. Allard 17347; **La Vega**, H. A. Allard 175881. 300–2000 m

*Acroporium estrellae* (Müll. Hal.) W. R. Buck & Schäf.-Verw: **Barahona**, W. C. Steere 22800; **La Estrelleta**, W. R. Buck 4776A; **Pedernales**, W. C. Steere 22903B; **Peravia**, W. C. Steere 23178; **Trujillo**, H. A. Allard 1330; **La Vega**, W. R. Buck 14121<sup>a</sup>. 1000–3000 m

*Acroporium longirostre* (Brid.) W. R. Buck.; **Barahona**, I. Sastre, 3430<sup>a</sup>; **Independencia**, I. Sastre, 3885; **Pedernales**, W. R. Buck 4377; **Samaná**, G. L. S. Merrill 10421; **La Vega**, G. C. Jones B1201F. Sea level–1000 m

*Acroporium pungens* (Hedw.) Broth: **Barahona**, W. R. Buck 8185; **Independencia**, D. H. Norris B6859; **La Estrelleta**, W. D. Reese 15124; **Pacificador**, W. L. Abbott 2062; **Pedernales**, T. A. Zanoni 16715; **Peravia**, M. M. Mejía Pimentel 18261C; **Puerto Plata**, W. D. Reese 15433; **Santiago**, W. S. Judd 1577; **Santo Domingo**, E. L. Ekman H12407; **La Vega**, A. H. Liogier 18595. 300–2000 m

†*Actinodontium pygmaeum* W. R. Buck: **La Vega**, W. R. Buck 14131. 1000–2000 m

*Adelothecium bogotense* (Hampe) Mitt.: **Independencia**, W. R. Buck 4697; **La Estrelleta**, G. L. S. Merrill 10259b; **Pedernales**, T. McDowell 4366; **Peravia**, W. R. Buck 8149; **La Vega**, W. R. Buck 7930 7930. 1000–3000 m

*Aerolindigia capillacea* (Hornsch.) M. Menzel: **Independencia**, D. H. Norris B6624; **La Estrelleta**, W. D. Reese 15137; **Pedernales**, W. C. Steere 22893; **La Vega**, W. R. Buck 14131<sup>a</sup>. 1000–2000 m

†*Amphidium tortuosum* (Hornsch.) Cufod.: **San Juan**, W. R. Buck 8415; **La Vega**, D. H. Norris 7362. 2000–3000 m

†*Anacolia laevisphaera* (Taylor) Flowers: **San Juan**, W. R. Buck 14194; **La Vega**, W. C. Steere 23126. 2000–3000 m

†*Andreaea brevipes* Spruce: **San Juan**, W. R. Buck 14231. 3000–3098 m

\**Anisothecium hioramii* Thér.: **La Vega**, W. R. Buck 8112. 1000–2000 m

*Anoetangium aestivum* (Hedw.) Mitt: **Dajabón**, W. S. Judd 1357; **Independencia**, D. H. Norris B6256; **La Altagracia**, T. A. Zanoni 17323; **Pedernales**, S. A. Thompson 7331; **San Cristobal**, T. A. Zanoni 14995; **La Vega**, D. H. Norris B7088. Sea level–3000 m

*Anomobryum julaceum* (Schrad. Ex P. Gaerten., B. Mey. & Scherb.) Schimp.: **La Estrelleta**, W. R. Buck 4798; **Pedernales**, W. R. Buck 4728; **La Vega**, W. D. Reese 15799. 1000–3000 m

\*†*Anomobryum prostratum* (Müll. Hal.) Besch.: **La Vega**, G. C. Jones 1323C. 1000–3000 m

*Anomodon attenuatus* (Hedw.) Hübener: **Santiago**, J. J. Jimenéz M-7; **La Vega**, T. A. Zanoni 20252C. 300–2000 m

\**Anomodon rostratus* (Hedw.) Schimp.: **La Vega**, A. J. Shaw 5553. 1000–2000 m

*Aongstroemia filiformis* (P. Beauv.) Wijk & Margad.: **Peravia**, W. D. Reese 15726; **La Vega**, S. A. Thompson 11286. 2000–3000 m

*Aptychella prolifera* (Broth.) Herzog: **Barahona**, I. Sastre, 3549; **Peravia**, A. J. Shaw 5761; **San Juan**, W. R. Buck 14206; **La Vega**, D. H. Norris B5725. 2000–300 m

*Atrichum angustatum* var. *rhytostyllum* (Müll. Hal.) P. W. Richards & E. C. Wallace: **Barahona**, W. S. Judd 1127; **La Estrelleta**, W. R. Buck 4579; **Independencia**, D. H. Norris B6217; **Peravia**, W. C. Steere 22778; **La Vega**, A. J. Shaw 5415. 1000–3000 m

*Atrichum polycarpum* (Müll. Hal.) Mitt.: **Pedernales**, W. D. Reese 15259; **Peravia**, W. R. Buck 5265; **La Vega**, D. H. Norris B7317. 1000–3000 m

*Aulacomnium palustre* (Hedw.) Schwägr.: **La Vega**, G. C. Jones B1316-6. 1000–3000 m

*Barbelopsis trichophora* (Mont.) W. R. Buck: **Independencia**, M. Pérez, MP2991; **La Estrelleta**, W. C. Steere 15132; **Pedernales**, R. P. Adams 10879; **La Vega**, A. J. Shaw 5525. 1000–2000 m

*Barbula arcuata* Griff.: **Azua**, N. Taylor 282; **Independencia**, W. D. Reese 15305; **La Estrelleta**, W. D. Reese 15399; **Pedernales**, W. D. Reese 15043; **Peravia**, W. R. Buck 5210; **Puerto Plata**, A. H. Liogier 16181; **Santiago**, T. A. Zanoni 42679; **San Cristobal**, T. A. Zanoni 16305; **San Juan**, W. R. Buck 8432; **La Vega**, H. A. Allard 18914. Sea level–3098 m

\**Barbula farriae* H. A. Crum & E. B. Bartram: **La Estrelleta**, W. R. Buck 4855. 300–1000 m

*Barbula fidelis* H. A. Crum & Steere: **Pedernales**, W. C. Steere 22871. 1000–2000 m

*Barbula indica* (Hook.) Spreng: **Barahona**, W. C. Steere 22804; **Dajabón**, T. A. Zanoni 17939C; **El Seibo**, W. D. Reese 15524; **Independencia**, T. A. Zanoni 26608; **La Estrelleta**, W. R. Buck 4799; **Pedernales**, A. H. Liogier 16677; **Peravia**, W. C. Steere 22776; **Samaná**, W. C. Steere 23198; **San Cristobal**, T. A. Zanoni 14991; **San Juan**, T. A. Zanoni 19777; **Sánchez Ramírez**, T. A. Zanoni 16156H; **Santo Domingo**, W. D. Reese 15180; **Trujillo**, H. A. Allard 17336; **La Vega**, A. J. Shaw 5608. Sea level–2000 m

*Barbula orizabensis* Müll. Hal.: **Pedernales**, W. C. Steere 22960; **La Vega**, W. C. Steere 23127. 1000–3000 m

\**Bartramia brevifolia* Brid.: **La Vega**, W. R. Buck 14064. 2000–3000 m

\*†*Bartramia longifolia* Hook.: **La Vega**, A. J. Shaw 5650. 2000–3000 m

\*†*Bartramia mathewsii* Mitt.: **La Vega**, D. H. Norris 1322C. 1000–3000 m

- \*†*Bartramia microstoma* Mitt.: **La Vega**, A. J. Shaw 5667. 1000–2000 m
- \*†*Bartramia potosica* Mont.: **La Vega**, W. C. Steere 23063. 1000–2000 m
- \**Blindia acuta* (Hedw.) Bruch & Schimp: **La Vega**, W. R. Buck 8022. 1000–2000 m
- Brachymenium columbicum* (De Not.) Broth: **Barahona**, W. S. Judd 1602. 1000–2000 m
- Brachymenium speciosum* (Hook. & Wilson) Steere: **Peravia**, W. C. Steere 23148; **Santiago**, T. A. Zanoni 42545. 1000–2000 m
- Brachymenium systylium* (Müll. Hal.) A. Jaeger.: **Azua**, M. M. Mejía Pimentel 8273; **Pedernales**, T. A. Zanoni 16533; **La Vega**, H. A. Allard 17571b. 1000–2000 m
- Brachythecium plumosum* (Hedw.) Schimp.: **San Juan**, W. R. Buck 8483; **La Vega**, W. R. Buck 8615. 2000–3000 m
- †*Brachythecium rivulare* Schimp.: **La Vega**, W. R. Buck 7970. 2000–3000 m
- Brachythecium ruderales* (Brid.) W. R. Buck: **Barahona**, T. A. Zanoni 19033A; **Dajabón**, R. O. Schuster RD19; **Independencia**, W. R. Buck 14392; **La Estrelleta**, W. R. Buck 15110; **Pedernales**; W. S. Judd 1600; **San Cristobal**, W. D. Reese 15645; **Peravia**, D. D. Dod 10; **San Juan**, W. R. Buck 14209; **Santiago**, J. Jiménez M-6; **La Vega**, J. Jiménez M-67. Sea level–3000 m
- Brachythecium zanonii* W. R. Buck: **Barahona**, G. Dauphin, 4105; **Independencia**, D. H. Norris B5967; **La Estrelleta**, W. R. Buck 4564; **La Vega**, W. R. Buck 5310. 2000–3000 m
- †*Braunia secunda* (Hook.) Bruch & Schimp.: **San Juan**, W. R. Buck 14174. 2000–3000 m
- †*Breutelia brittoniae* Renauld & Cardot: **Independencia**, D. H. Norris B6379. 2000–3000 m
- Breutelia chrysea* (Müll. Hal.) A. Jaeger: **Pedernales**, W. R. Buck 4761; **La Vega**, T. A. Zanoni 17491. 300–3000 m
- Breutelia inclinata* (Hampe & Lorentz) A. Jaeger: **Independencia**, T. A. Zanoni 27099; **La Vega**, S. A. Thompson 9545. 2000–3000 m
- Breutelia jamaicensis* (Mitt.) A. Jaeger: **Independencia**, D. H. Norris B6619; **Peravia**, W. R. Buck 5213; **La Vega**, W. S. Judd 1296. 1000–3000 m
- Breutelia scoparia* (Schwägr.) A. Jaeger: **Pedernales**, W. D. Reese 15086; **San Rafael**, D. H. Norris B6468; **La Vega**, W. R. Buck 5346. 300–2000 m
- †*Breutelia subarcuata* (Müll. Hal.) Schimp.: **La Vega**, W. C. Steere 22755. 1000–3000 m
- Breutelia tomentosa* (Sw. ex Brid.) A. Jaeger: **Peravia**, W. R. Buck 8129; **La Vega**, W. C. Steere 22755. 1000–3000 m
- \*†*Breutelia trianae* (Hampe) A. Jaeger: **La Vega**, W. C. Steere 23131. 2000–3000 m
- \*†*Bryoerythrophyllum campylocarpum* (Müll. Hal.) H. A. Crum: **Independencia**, M. Pérez, MP2581; **San Juan**, T. A. Zanoni 42020. 3000–3098 m
- \**Bryoerythrophyllum inaequalifolium* (Taylor) R.H. Zander: **La Vega**, W. D. Reese 15893. 2000–3000 m
- †*Bryoerythrophyllum jamesonii* (T. Taylor) H. A. Crum: **La Vega**, W. C. Steere 23056. 2000–3000 m

*Bryoerythrophyllum recurvirostrum* (Hedw.) P. C. Chen: **La Vega**, W. D. Reese 15878;  
**San Juan**, W. R. Buck 14202. 2000–3000 m

\**Bryohumbertia filifolia* (Hornsch.) J.-P. Frahm: **Barahona**, T. A. Zanoni & R. García 30380 (MO); **Independencia**, D. H. Norris 6059; **Pacificador**, W. L. Abbott 2121; **Peravia**, W. R. Buck 5282; **San Francisco de Macorís**, W. L. Abbott 2121<sup>a</sup>; **La Vega**, D. H. Norris 7574. 300–3000 m

†*Bryoxiphium norvegicum* (Brid.) Mitt.: **La Vega**, W. R. Buck 8605. 2000–3000 m

\*†*Bryum alpinum* Huds. ex With.: **La Vega**, W. S. Judd 1299<sup>a</sup>. 1000–2000 m

*Bryum apiculatum* Schwägr.: **Independencia**, W. R. Buck 4665; **Pedernales**, W. D. Reese 15081; **Peravia**, W. D. Reese 15668; **Santiago**, J. de Jesús Jiménez Almonte 8820; **Santo Domingo**, W. R. Buck 4659; **El Seibo**, T. A. Zanoni 21047B (MO); **La Vega**, W. D. Reese 15827. Sea level–2000 m

*Bryum argenteum* Hedw.: **Independencia**, S. A. Thompson 9237; **Pedernales**, W. C. Steere 22879; **Peravia**, G. L. S. Merrill 10346; **Santiago**, T. A. Zanoni 26782; **Santo Domingo**, J. N. Rose 4481; **La Vega**, W. C. Steere 23098. 300–3000 m

*Bryum coronatum* Schwägr.: **Independencia**, D. H. Norris 5963; **Santo Domingo**, J. N. Rose 4480. Sea level–300 m

*Bryum leptocladon* Sull.: **Independencia**, W. D. Reese 15310. Sea level–2000 m

*Bryum limbatum* Müll. Hal.: **Dajabón**, W. R. Buck 4835; **La Estrelleta**, W. D. Reese 15406; **Pedernales**, W. D. Reese 15047; **Peravia**, W. R. Buck 5223; **Samaná**, W. C. Steere 23195; **San Cristóbal**, W. R. Buck 5179; **La Vega**, H. A. Allard 17569. Sea level–2000 m

*Bryum pseudocapillare* Besch.: **Barahona**, W. S. Judd 1119; **Puerto Plata**, A. H. Liogier 25590. 300–2000 m

*Bryum pseudotriquetrum* (Hedw.) P. Gaertn., B. Mey. & Scherb.: **Puerto Plata**, W. D. Reese 15430; **La Vega**, W. R. Buck 14050. 1000–3000 m

*Callicostella colombica* R. S. Williams: **La Vega**, J. N. Rose 4503. 2000–3000 m

*Callicostella depressa* (Hedw.) A. Jaeger: **Macorís**, N. Taylor 318; **Pedernales**, W. D. Reese 15064; **Samaná**, T. A. Zanoni 17669; **El Seibo**, W. R. Buck 5013; **La Vega**, H. A. Allard 16925. Sea level–1000 m

*Callicostella diatomophila* (Müll. Hal.) M. Fleisch: **Independencia**, W. D. Reese 15223. 300–1000 m

*Callicostella pallida* (Hornsch.) Ångström: **Pedernales**, W. D. Reese 15071; **San Cristobal**, T. A. Zanoni 16329; **La Vega**, H. A. Allard 18342. 300–1000 m

\**Callicostella rivularis* (Mitt.) A. Jaeger: **Independencia**, I. Sastre, 4183. 1000–2000 m

*Calymperes afzelii* Sw.: **La Altagracia**, W. R. Buck 5084; **Barahona**, G. Dauphin, 4093; **Samaná**, T. A. Zanoni 207581; **San Cristobal**, W. D. Reese 15632; **Santo Domingo**, D. D. Dod 10052; **El Seibo**, T. A. Zanoni 15939; **Trujillo**, H. A. Allard 17274; **La Vega**, H. A. Allard 1688. Sea level–2000 m

*Calymperes erosum* Müll. Hal.: **La Altagracia**, W. R. Buck 5069; **Barahona**, T. A. Zanoni 16475; **Españillat**, M. M. Mejía Pimentel 23710<sup>a</sup>. Sea level–300 m

*Calymperes guildingii* Hook. & Grev.: **La Altagracia**, W. R. Buck 5101; **El Seibo**, D. H. Norris B6992. Sea level–300 m



*Calymperes lonchophyllum* Schwägr.: **Espaillet**, W. R. Buck 19376; **La Estrelleta**, W. D. Reese 15129; **Samaná**, T. A. Zandoni 17693; **Sánchez Ramírez**, W. R. Buck 14323; **El Seibo**, G. L. S. Merrill 10439; **La Vega**, H. A. Allard 18795d. Sea level–2000 m

*Calymperes palisotii* Schwägr.: **La Altagracia**, W. D. Reese 15565; **María Trinidad Sánchez**, R. O. Schuster RD48; **Puerto Plata**, G. C. Jones 1352B; **Samaná**, R. O. Schuster RD1a; **Santo Domingo**, W. D. Reese 15213; **San Cristóbal**, T. A. Zandoni 16360; **El Seibo**, T. A. Zandoni 12022<sup>a</sup>; **La Vega**, T. Zandoni 12353 (MO). Sea level–300 m

*Calypothecium duplicatum* (Schwägr.) Broth.: **Independencia**, W. R. Buck 4686; **La Estrelleta**, W. D. Reese 15414; **Pedernales**, T. A. Zandoni 16804; **Puerto Plata**, W. D. Reese 15477; **La Vega**, W. R. Buck 14078. 300–2000 m

*Campyliadelphus chrysophyllus* (Brid.) Kanda: **Independencia**, D. H. Norris 6354; **Pedernales**, S. A. Thompson 7300; **Peravia**, W. R. Buck 8125; **San Rafael**, D. H. Norris 6474; **La Vega**, W. R. Buck 8594. 1000–3000 m

†*Campylophyllum quisqueyanum* (W. R. Buck) Hedenäs: **La Estrelleta**, W. R. Buck 4542; **Independencia**, M. Pérez, MP3070; **Pedernales**, W. C. Steere 22874; **La Vega**, W. R. Buck 8012. 1000–2000 m

*Campylophyllum sommerfeltii* (Myrin) Hedenäs: **La Estrelleta**, W. R. Buck 4792; **Independencia**, D. H. Norris B6404; **Pedernales**, W. R. Buck; **La Vega**, W. R. Buck 7898. 1000–2000 m

†*Campylopus albidovirens* Herzog: **San Juan**, W. R. Buck 14199. 2000–3000 m

*Campylopus arctocarpus* (Hornsch.) Mitt.: **Barahona**, W. C. Steere 22808; **Diego de Ocampo**, J. de Jesús Jiménez Almonte M-53; **Independencia**, M. Pérez, MP2867; **Peravia**, T. Zandoni 12242 (MO); **La Vega**, L. Ariza-Julia 9211-B. 1000–2000 m

*Campylopus cubensis* Sull.: **La Vega**, W. R. Buck 8529. 300–3000 m

*Campylopus cygneus* (Hedw.) Brid.: **Barahona**, W. C. Steere 22803; **La Estrelleta**, W. R. Buck 4585; **Independencia**, D. H. Norris 6260; **Peravia**, W. D. Reese 15720; **Puerto Plata**, W. R. Buck 4903; **La Vega**, A. J. Shaw 5540. 1000–2000 m

*Campylopus flexuosus* (Hedw.) Brid.: **La Estrelleta**, W. D. Reese 15317; **Samaná**, R. O. Schuster 17a; **San Juan-Santiago**, T. A. Zandoni 42067; **La Vega**, W. R. Buck 14062. 1000–2000 m

*Campylopus fragilis* (Brid.) Bruch & Schimp.: **Barahona**, W. S. Judd 1123; **La Estrelleta**, W. R. Buck 4598; **Independencia**, D. H. Norris 6001; **Peravia**, W. C. Steere (s. n.); **La Vega**, G. C. Jones B1304. 1000–3000 m

\**Campylopus introflexus* (Hedw.) Brid.: **La Vega**, D. H. Norris B7260. 1000–2000 m

*Campylopus pilifer* Brid.: **Pedernales**, E. Bolay 40 (MO); **San Juan-Santiago**, T. A. Zandoni 42056; **El Seibo**, W. D. Reese 15538; **La Vega**, A. J. Shaw 5677. 1000–3098 m

*Campylopus richardii* Brid.: **Peravia**, W. R. Buck 5301; **La Vega**, W. S. Judd 1174. 1000–2000 m

*Campylopus savannarum* (Müll. Hal.) Mitt.: **La Vega**, G. C. Jones 1184<sup>a</sup>. 300–1000 m

*Campylopus shawii* Wilson: **Independencia**, D. H. Norris B6207; **Peravia**, W. D. Reese 15721; **San Juan**, W. R. Buck 8494; **La Vega**, D. H. Norris 7268. 1000–2000 m

*Campylopus surinamensis* Müll. Hal.: **San Juan**, W. R. Buck 14193. 2000–3000 m

Canalohypopterygium tamariscinum (Hedw.) Kruijer [Hypopterygium tamarisci (Sw.) Brid. ex Müll. Hal.]: **Baoruco**, A. H. Liogier 14099; **Barahona**, T. A. Zanoni 19025; **Bonao**, A. H. Liogier 22854; **La Estrelleta**, W. D. Reese 15329; **Independencia**, S. A. Thompson 9693; **Pedernales**, G. L. S. Merrill 10067; **Peravia**, W. C. Steere 23161; **Puerto Plata**, A. H. Liogier 11229; **Santiago**, T. A. Zanoni 42578; **La Vega**, T. A. Zanoni 17562. 300–3000 m

†*Ceratodon purpureus* subsp. *conicus* (Hampe) Dixon: **Peravia**, W. R. Buck 5327; **San Juan**, W. R. Buck 14222; **La Vega**, G. C. Jones B1091. 1000–2000 m

†*Chrysoblastella chilensis* (Mont.) Reimers: **La Vega**, D. H. Norris B5515. 2000–3000 m

*Crossomitrium patrisiae* (Brid.) Müll. Hal.: **Baoruco**, A. Motito 19060 (BSC); **Barahona**, T. A. Zanoni 25186-N; **Monseñor Nouel**, S. Pócs 3145/j; **Samaná**, G. L. S. Merrill 10400; **El Seibo**, D. H. Norris 7035C; **Pacificador**, W. L. Abbott 718c; **La Vega**, H. A. Allard 18009. Sea level–1000 m

*Cryphaea filiformis* (Hedw.) Brid.: **La Vega**, T. A. Zanoni 20545<sup>a</sup>. 300–1000 m

*Cryphaea jamesonii* T. Taylor: **La Estrelleta**, W. D. Reese 15135; **Independencia**, W. R. Buck 14670; **Pedernales**, W. C. Steere 22903A; **La Vega**, W. R. Buck 7834<sup>a</sup>. 1000–2000 m

*Cryphaea patens* Hornsch. ex Müll. Hal.: **La Vega**, W. R. Buck 7899<sup>a</sup>. 300–1000 m

*Cryptopapillaria penicillata* (Dozy & Molke.) M. Menzel: **Barahona**, T. A. Zanoni 30377; **La Estrelleta**, G. L. S. Merrill 10262; **Independencia**, W. R. Buck 14497; **Pedernales**, W. R. Buck 4746; **San Rafael**, D. H. Norris B6808; **El Seibo**, G. C. Jones 1503A; **La Vega**, H. A. Allard 17579. 1000–3000 m

*Chryso-hypnum diminutivum* (Hampe) W. R. Buck: **Independencia**, W. D. Reese 15222 (MO). 300–1000 m

*Ctenidium malacodes* Mitt.: **Barahona**, G. Dauphin, 3810; **La Estrelleta**, W. R. Buck 4790; **Independencia**, I. Sastre, 3876; **Peravia**, A. J. Shaw 5757; **La Vega**, A. J. Shaw 5457. 1000–3000 m

*Cyclodictyon albicans* (Hedw.) Kuntze: **Barahona**, I. Sastre, 3494c; **La Estrelleta**, W. R. Buck 4537; **Independencia**, D. H. Norris B6099; **Pedernales**, W. R. Buck 4719; **Peravia**, W. R. Buck 8136; **San Cristóbal**, W. D. Reese 15650; **Santiago**, T. A. Zanoni 26734; **La Vega**, W. R. Buck 14130. 1000–2000 m

*Cyclodictyon albicaule* (Schimp. ex Besch.) Kuntze: **Barahona**, I. Sastre, 3518d; **La Estrelleta**, W. R. Buck 4866; **San Cristóbal**, W. D. Reese 15609. 300–1000 m

*Cyclodictyon bicolor* (Schimp. ex Besch.) Kuntze: **Barahona**, W. S. Judd 1596; **Dajabón**, W. R. Buck 17920B; **Samaná**, G. L. S. Merrill 10428; **San Cristóbal**, W. D. Reese 15635; **El Seibo**, W. R. Buck 5020; **La Vega**, W. R. Buck 14170. Sea level–2000 m

*Cyclodictyon roridum* (Hampe) Kuntze: **Barahona**, W. S. Judd 1114; **Peravia**, W. C. Steere 23176; **La Vega**, A. J. Shaw 5701. 1000–3000 m

*Cyclodictyon varians* (Sull.) Kuntze: **La Altagracia**, T. A. Zanoni 18977KX; **Barahona**, A. H. Liogier 26236; **La Estrelleta**, W. R. Buck 4848 **Pedernales**, W. D. Reese 15069; **Peravia**, W. C. Steere 22772; **Santo Domingo**, H. A. Allard 16287A; **La Vega**, D. H. Norris B5187. Sea level–2000 m

*Cyrto-hypnum involvens* (Hedw.) W. R. Buck & H. A. Crum: **La Altagracia**, W. D. Reese 15560; **Pedernales**, W. R. Buck 4463, **Samaná**, G. L. S. Merrill 10416c; **Sánchez Ramírez**, T. A. Zanoni 16186; **Santo Domingo**, W. R. Buck 5207; **El Seibo**, W. D. Reese 15496; **La Vega**, H. A. Allard 18905. Sea level–300 m

Cyrto-hypnum minutulum (Hedw.) W. R. Buck & H. A. Crum: **La Estrelleta**, W. D. Reese 15144; **Independencia**, D. H. Norris 6387; **Pedernales**, W. D. Reese 15002; **Puerto Plata**, A. H. Liogier 16201; **La Vega**, H. A. Allard 17582. 300–2000 m

Cyrto-hypnum scabrosulum (Mitt.) W. R. Buck & H. A. Crum: **La Altagracia**, T. A. Zanoni 17315; **Samaná**, G. L. S. Merrill 10409; **La Vega**, H. A. Allard 17162. Sea level–1000 m

Cyrto-hypnum schistocalyx (Müll. Hal.) W. R. Buck & H. A. Crum: **La Altagracia**, W. R. Buck 5062; **Distrito Nacional**, H. A. Allard 18066; **Santo Domingo**, W. D. Reese 15658; **El Seibo**, W. D. Reese 15493; **La Vega**, G. C. Jones 1221-B. Sea level–1000 m

Cyrto-hypnum sharpii (H. A. Crum) W. R. Buck & H. A. Crum: **Barahona**, I. Sastre, 3577; **La Estrelleta**, W. R. Buck 4864; **Independencia**, D. H. Norris B6180; **Pedernales**, W. D. Reese 15065; **La Vega**, W. R. Buck 7866. 300–2000 m

Daltonia longifolia Taylor: **Barahona**, W. C. Steere 22819; **La Estrelleta**, W. R. Buck 4577; **Independencia**, D. H. Norris 6245; **Pedernales**, W. C. Steere 22898; **Peravia**, W. R. Buck 8670; **San Juan**, W. R. Buck 14178; **Santiago**, W. S. Judd 1590; **La Vega**, A. J. Shaw 5706. 1000–3000 m

Daltonia stenophylla Mitt.: **La Estrelleta**, W. R. Buck 4773; **Independencia**, M. Pérez, MP2810; **Pedernales**, W. R. Buck 8333; **Peravia**, W. C. Steere 22772; **La Vega**, W. R. Buck 14008. 300–3000 m

Dicranella harrisii (Müll. Hal.) Broth.: **La Altagracia**, W. D. Reese 15585; **Barahona**, W. R. Buck 8191; **La Vega**, A. J. Shaw 5593. 1000–2000 m

Dicranella hilariana (Mont.) Mitt.: **Independencia**, I. Sastre, 4030; **Pedernales**, W. C. Steere 22886; **Peravia**, T. A. Zanoni 27408; **San Cristóbal**, W. D. Reese 15624; **El Seibo**, W. R. Buck 5050; **La Vega**, A. J. Shaw 5484. Sea level–2000 m

Dicranella perrottetii (Mont.) Mitt.: **San Cristóbal**, W. R. Buck 5180; **Santo Domingo**, H. A. Allard 16147; **La Vega**, T. A. Zanoni 15763. Sea level–2000 m

Dicranella reticulata (Müll. Hal.) Paris: **San Cristóbal**, W. R. Buck 5184; **La Vega**, W. R. Buck 8613. 300–2000 m

Dicranella vaginata (Hook.) Cardot.: **La Vega**, T. A. Zanoni 2010E. 2000–3000 m

\*Dicranodontium denudatum (Brid.) E. Britton ex R. S. Williams: **La Vega**, D. H. Norris B5628. 2000–3000 m

Dicranum flagellare Hedw.: **Peravia**, W. D. Reese 15754; **San Juan**, W. R. Buck 14218; **La Vega**, H. A. Allard 17605. 1000–3098 m

\*†Dicranum frigidum Müll. Hal.: **Pedernales**, W. C. Steere 22878; **La Vega**, W. C. Steere 22602. 1000–2000 m

†Dicranum rhabdocarpum Sull.: **San Juan**, W. R. Buck 14211; **La Vega**, G. C. Jones B1317A. 1000–3000 m

\*Dicranum sumichrastii Duby: **Independencia**, M. Pérez MP2929; **Pedernales**, G. L. Smith 10198 (MO). 1000–2000 m

†Didymodon laevigatus (Mitt.) R. H. Zander: **Peravia**, W. R. Buck 5222. 1000–2000 m

\*Didymodon rigidulus Hedw.: **La Estrelleta**, W. R. Buck 4589; **Independencia**, D. H. Norris B6380; **Pedernales**, W. R. Buck 8197; **Peravia**, W. R. Buck 5226; **La Vega**, A. J. Shaw 5609. 1000–2000 m

\**Didymodon rigidulus* var. *gracilis* (Schleich. ex Hook. & Grev.) R. H. Zander: **San José de Ocoa**, T. A. Zanoni 19178<sup>a</sup>. 1000–2000 m

†*Diphyscium domingense* (Brid.) W. R. Buck & Steere: **San Juan**, W. R. Buck 8442A; **La Vega**, W. C. Steere 22733. 1000–3000 m

\**Ditrichum difficile* (Duby) M. Fleisch.: **Peravia**, W. C. Steere 22779; **Pedernales**, W. R. Buck 4720; **San Juan**, W. R. Buck 14283; **La Vega**, W. C. Steere 22733. 1000–3000 m

*Dolotortula mniifolia* (Sull.) R. H. Zander: **Peravia**, M. M. Mejía Pimentel 13246; **Puerto Plata**, W. C. Steere 4934; **Sánchez Ramírez**, M. M. Mejía Pimentel 10479; **San Cristóbal**, W. D. Reese 15612; **La Vega**, W. C. Steere 22993. Sea level–1000 m

*Donnellia commutata* (Müll. Hal.) W. R. Buck: **Independencia**, W. R. Buck 14711; **Pedernales**, W. R. Buck 8271; **La Vega**, T. A. Zanoni 17435E. 300–2000 m

†*Drepanocladus aduncus* (Hedw.) Warnst.: **Independencia**, I. Sastre 3893; **Peravia**, G. L. S. Merrill 10344; **San Juan**, A. Gottschalk 10; **La Vega**, W. R. Buck 5330. 1000–2000 m

\*†*Drepanocladus polygamus* (Schimp.) Hedenäs: **La Vega**, D. H. Norris 7323. 1000–2000 m

*Drepanocladus sordidus* (Müll. Hal.) Hedenäs: **San Juan**, Moscoso s.n. (MO). 1000–2000 m

†*Ectropothecium aquaticum* W. R. Buck: **Pedernales**, W. R. Buck 8340. Sea level–300 m

*Ectropothecium leptochaeton* (Schwägr.) W. R. Buck: **Santo Domingo**, 2797; **La Vega**, W.D. Reese 15784 (MO). 2000–3000 m

†*Encalypta ciliata* Hedw.: **San Juan**, W. R. Buck 8247; **La Vega**, W. R. Buck 5455. 2000–3098 m

*Entodon beyrichii* (Schwägr.) Müll. Hal.: **Independencia**, W. R. Buck 4535. 1000–2000 m

*Entodon macropodus* (Hedw.) Müll. Hal.: **Dajabón**, T. A. Zanoni 17939B; **Independencia**, D. H. Norris 6622; **Pedernales**, W. R. Buck 8247; **La Vega**, M. M. Mejía Pimentel 7567. Sea level–2000 m

*Entodontopsis leucostega* (Brid.) W. R. Buck & Ireland: **La Altagracia**, W. D. Reese 15599; **Barahona**, T. A. Zanoni 16478; **Dajabón**, W. R. Buck 4832; **Distrito Nacional**, H. A. Allard 18049; **San Pedro de Macorís**, J. N. Rose 4497. Sea level–1000 m

\**Entosthodon attenuatus* (Dicks.) Bryhn: **La Vega**, A. J. Shaw 5687. 2000–3000 m

*Entosthodon bonplandii* (Hook.) Mitt.: **Pedernales**, W. R. Buck 5367; **San Juan**, W. R. Buck 14214; **El Seibo**, W. R. Buck 5042; **La Vega**, A. J. Shaw 5685. 300–3000 m

†*Entosthodon jamesonii* (T. Taylor) Mitt.: **San Juan**, W. R. Buck 14271; **La Vega**, A. J. Shaw 5665. 2000–3098 m

*Epipterygium wrightii* (Sull.) Lindb.: **Barahona**, I. Sastre 3541; **La Estrelleta**, W. D. Reese 15167; **Independencia**, M. Pérez MP3138; **Monseñor Nouel**, A. H. Liogier 18662<sup>a</sup> **Samaná**, E. L. Ekman H15275; **San Cristóbal**, W. D. Reese 15653; **La Vega**, W. C. Steere 22596. Sea level–2000 m

\*†*Erpodium coronatum* (Hook. f. & Wilson) Mitt.: **La Vega**, T. A. Zanoni 1683. Sea level–300 m

*Erpodium domingense* (Spreng.) Brid.: **La Altagracia**, W. R. Buck 5135; **Independencia**, W. D. Reese 15216; **Monte Cristi**, D. D. Dod 5; **Pedernales**, W. D. Reese 15085; **Puerto Plata**, D. H. Norris 1362A; **Santo Domingo**, H. A. Allard 17934; **Sánchez Ramírez**, T. A. Zanoni 16187; **Santiago**, W. S. Judd (s. n.); **El Seibo**, W. R. Buck 4965; **La Vega**, D. H. Norris 4950. Sea level–300 m

*Erpodium glaziovii* Hampe: **Samaná**, R. O. Schuster RD51b; **Santiago**, W. S. Judd 1208. Sea level–300 m

*Erythrodontium longisetum* (Hook.) Paris: **Azua**, M. M. Mejía Pimentel 8275; **Independencia**, D. H. Norris B6397; **La Vega**, H. A. Allard 17589. 1000–2000 m

†*Eucladium verticillatum* (Brid.) Bruch & Schimp.: **Trujillo**, H. A. Allard 17053. Sea level–300 m

*Eulacophyllum cultelliforme* (Sull.) W. R. Buck & Ireland: **Dajabón**, W. S. Judd 1364; **Pedernales**, W. R. Buck 8176; **Samaná**, W. R. Buck 8716; **San Cristobal**, W. D. Reese 15631; **El Seibo**, T. A. Zanoni 15897; **La Vega**, H. A. Allard 18313. Sea level–1000 m

*Eurhynchium clinocarpum* (Taylor) Paris: **Barahona**, T. A. Zanoni 25186-G; **La Estrelleta**, W. D. Reese 15171; **Independencia**, D. H. Norris B6349; **Pedernales**, W. R. Buck 4475; **La Vega**, D. H. Norris 5809. 300–3000 m

*Eurhynchium pulchellum* (Hedw.) Jenn.: **Independencia**, W. R. Buck 14703; **Pedernales**, W. R. Buck 8277; **Peravia**, W. R. Buck 5235; **San Juan**, W. R. Buck 14198; **La Vega**, T. A. Zanoni 20188L. 1000–3098 m

†*Eustichia longirostris* (Brid.) Brid.: **Azua**, E. L. Ekman H12006; **San Juan**, A. Gottschalk 2; **La Vega**, W. R. Buck 14056. 1000–3000 m

*Fabronia ciliaris* var. *polycarpa* (Hook.) W. R. Buck: **La Vega**, W. C. Steere 23003. 1000–2000 m

†*Fabronia ciliaris* var. *wrightii* (Sull.) W. R. Buck: **La Vega**, W. C. Steere 22962. 300–1000 m

*Fabronia macroblepharis* Schwägr.: **Independencia**, W. R. Buck 14472; **La Vega**, D. H. Norris 5006. 1000–2000 m

*Fissidens angustifolius* Sull.: Puerto Plata, W. R. Buck 4900; **Samaná**, Steere 23191; **Santo Domingo**, W. R. Buck 4632. Sea level–2000 m

*Fissidens asplenioides* Hedw.: **La Estrelleta**, W. D. Reese 15407; **Independencia**, M. Pérez. MP2891; **Pedernales**, W. R. Buck 4448; **Peravia**, W. R. Buck 5256; **Santiago**, J. de Jesús Jiménez Almonte 8756; **La Vega**, A. J. Shaw 5436. 300–3000 m

†*Fissidens beckettii* Mitt.: **La Vega**, D. H. Norris B1240. 300–2000 m

*Fissidens bourgaeanus* Besch.: **Independencia**, D. H. Norris B6536 (FLAS). 1000–2000 m

*Fissidens bryoides* Hedw.: **Independencia**, W. R. Buck 14676. 1000–2000 m

*Fissidens crispus* Mont.: **Barahona**, W. R. Buck 8169; **Dajabón**, W. R. Buck 4830; **La Estrelleta**, W. R. Buck 4617; **Independencia**, W. D. Reese 15101; **Pedernales**, W. D. Reese 14991; **Peravia**, T. A. Zanoni 27314; **San Juan**, W. R. Buck 8372; **San Juan**, W. R. Buck 14234; **El Seibo**, W. R. Buck 5048; **La Vega**, H. A. Allard 17561. Sea level–3098 m

†*Fissidens curvatus* Hornsch.: **Independencia**, W. R. Buck 14681. 1000–2000 m

*Fissidens dissitifolius* Sull.: **Pedernales**, W. R. Buck 4472; **Peravia**, M. M. Mejía Pimentel 13245; **Santo Domingo**, W. D. Reese 15215. 300–1000 m

*Fissidens dubius* P. Beauv.: **Independencia**, W. R. Buck 4685; **Pedernales**, W. R. Buck 8306; **Samaná**, W. R. Buck 4683; **Santiago**, W. S. Judd 1572; **La Vega**, A. H. Liogier 17150. 1000–2000 m

*Fissidens elegans* Brid.: **La Altagracia**, W. R. Buck 5107; **Barahona**, W. R. Buck 8174; **La Estrelleta**, W. R. Buck 4782; **Independencia**, W. R. Buck 5107; **Pedernales**, W. R. Buck 4491; **Peravia**, W. R. Buck 5232; **Samaná**, W. R. Buck 8722; **San Cristóbal**, W. D. Reese 15629; **Santiago**, T. A. Zanoni 26745; **Santo Domingo**, H. A. Allard 16164; **El Seibo**, W. D. Reese 15523. Sea level–3000 m

*Fissidens flaccidus* Mitt.: **Barahona**, W. S. Judd, 1598; **Dajabón**, W. S. Judd 1363; **La Estrelleta**, W. R. Buck; **San Cristobal**, W. R. Buck 5188; **Sánchez Ramírez**, T. A. Zanoni 16191; **Santo Domingo**, W. D. Reese 15205; **El Seibo**, W. R. Buck 5039; **La Vega**, W. R. Buck 5351. Sea level–1000 m

*Fissidens fontanus* (Bach. Pyl.) Steud.: **Monte Cristi**, E. L. Ekman H13009. 300–1000 m

*Fissidens guianensis* Mont. var. *guianensis*: **La Altagracia**, W. R. Buck 5109; **Barahona**, W. S. Judd 1597; **San Juan**, R. O. Schuster 47; **Santiago**, W. S. Judd 1582; **El Seibo**, W. R. Buck 5014; **La Vega**, H. A. Allard 16961. Sea level–300 m

*Fissidens hornsuschuchii* Mont.: **Pedernales**, W. R. Buck 5389A; **Peravia**, W. R. Buck 8650; **San Cristobal**, W. Reese 15620. 1000–3000 m

*Fissidens intromarginatus* (Hampe) A. Jaeger: **La Estrelleta**, W. R. Buck 4777; **San Cristobal**, W. D. Reese 15640; **San Juan**, W. R. Buck 4777; **La Vega**, 7832. 1000–2000 m

*Fissidens lagenarius* Mitt. var. *lagenarius*: **Pedernales**, W. R. Buck 4373; **La Vega**, W. R. Buck 7964. 1000–2000 m

*Fissidens neglectus* H. A. Crum: **La Altagracia**, D. D. Dod 6; **Santo Domingo**, W. R. Buck 5205. Sea level–300 m

*Fissidens oblongifolius* Hook. f. & Wilson: **Distrito Nacional**, W. R. Buck 14317; **Samaná**, W. C. Steere 23192; **Sierra Prieta**, W. R. Buck 14317. Sea level–300 m

*Fissidens pallidinervis* Mitt.: **La Altagracia**, W. D. Reese 15584; **Barahona**, G. L. S. Merrill 10033; **Duarte**, T. A. Zanoni 16103; **Independencia**, W. R. Buck 4522; **Pedernales**, W. D. Reese 15067; **Samaná**, W. R. Buck 8715; **Sánchez Ramírez**, T. A. Zanoni 16189; **San Cristóbal**, W. R. Buck 5192; **San Pedro de Macorís**, G. L. S. Merrill 10009; **Santo Domingo**, H. A. Allard 18052; **El Seibo**, T. A. Zanoni 15934; **La Vega**, H. A. Allard 18416<sup>a</sup>. Sea level–1000 m

*Fissidens palmatus* Hedw.: **Samaná**, W. C. Steere 23200. Sea level–300 m

*Fissidens pellucidus* Hornsch. var. *pellucidus*: **Independencia**, D. H. Norris B5990; **Pedernales**, Reese 15264; **San Cristobal**, W. R. Buck 5192; **El Seibo**, W. D. Reese 15548; **La Vega**, Allard 19000. 1000–2000 m

*Fissidens petrophilus* Sull.: **Samaná**, T. A. Zanoni 17694. Sea level–2000 m

*Fissidens polypodioides* Hedw.: **Barahona**, I. Sastre 3563; **Independencia**, T. A. Zanoni 26627; **Pedernales**, W. D. Reese 15284; **Peravia**, T. A. Zanoni 27405; **La Vega**, W. C. Steere 22976. 300–3000 m

*Fissidens rochensis* Broth.: **San Juan**, W. R. Buck 14224; **La Vega**, W. C. Steere 22571. 300–3000 m

*Fissidens santa-clarensis* Thér.: **Distrito Nacional**, W. R. Buck 4654. Sea level–300 m

*Fissidens serratus* Müll. Hal. var. *serratus*: **La Altagracia**, W. D. Reese 1300; **Independencia**, W. D. Reese 15243; **Pedernales**, W. R. Buck 8212; **Peravia**, W. R. Buck 8681; **La Vega**, W. R. Buck 7937. 1000–3000 m

*Fissidens steerei* Grout: **Barahona**, G. Dauphin 3940; **Pedernales**, W. R. Buck 4481; **Samaná**, G. L. Smith 10415. 300–1000 m

*Fissidens stenopteryx* Besch.: **La Altagracia**, T. A. Zanoni (s. n.). Sea level–300 m

*Fissidens submarginatus* Bruch: **Independencia**, D. H. Norris 6727; **La Vega**, W. R. Buck 14294. 1000–2000 m

*Fissidens taxifolius* Hedw.: **La Estrelleta**, W. R. Buck 4578; **Independencia**, W. R. Buck 14519; **Pedernales**, W. C. Steere 22941; **Puerto Plata**, W. R. Buck 4895; **La Vega**, H. A. Allard 17576b. 1000–2000 m

*Fissidens weirii* Mitt. var. *weirii*: **Barahona**, I. Sastre, 3341; **La Estrelleta**, W. D. Reese 15334; **Peravia**, W. C. Steere 23151; **La Vega**, W. R. Buck 7987. 1000–3000 m

*Fissidens weirii* Mitt. var. *hemicraspedophyllus* (Cardot) Pursell: **Barahona**, I. Sastre, 3554; **La Estrelleta**, W. R. Buck 4779; **Pedernales**, G. L. S. Merrill 10152; **Peravia**, W. C. Steere 23075; **La Vega**, W. R. Buck 14123<sup>a</sup>. 1000–3000 m

*Fissidens yucatanensis* Steere: **Independencia**, W. R. Buck 4661; **Pedernales**, W. D. Reese 15066; **Trujillo**, H. A. Allard 17280; **San Francisco**, E. de Jesús Marcano F. (s. n.); **El Seibo**, W. D. Reese 15549. Sea level–1000 m

*Fissidens zollingeri* Mont.: **La Altagracia**, W. D. Reese 15573; **Barahona**, G. L. S. Merrill 10040; **La Estrelleta**, W. D. Reese 15128; **Pedernales**, W. R. Buck 4482; **Puerto Plata**, W. R. Buck 4900; **Samaná**, W. R. Buck 8727; **Santo Domingo**, H. A. Allard 16289; **El Seibo**, W. R. Buck 5051; **La Vega**, H. A. Allard 17861. Sea level–2000 m

†*Forsstroemia trichomitria* (Hedw.) Lindb.: **Pedernales**, S. A. Thompson 7280; **La Vega**, D. H. Norris B7074A. 300–2000 m

*Funaria hygrometrica* Hedw.: **Barahona**, W. R. Buck 8168; **La Estrelleta**, W. D. Reese 15342; **Independencia**, W. R. Buck 14628; **Pedernales**, T. A. Zanoni 16824; **Peravia**, M. M. Mejía Pimentel (s. n.); **Santiago**, E. J. Valeur 70; **Samaná**, W. L. Abbott 188; **La Vega**, D. H. Norris 7135. 1000–2000 m

†*Grimmia longirostris* Hook.: **Azua**, E. L. Ekman H13630; **San Juan**, A. Gottschalk 5A; **San Juan-Santiago**, T. A. Zanoni 4206; **La Vega**, W. R. Buck 7952. 1000–3098 m

†*Grimmia tergestina* Tomm. ex Bruch, Schimp. & W. Gümbel: **La Vega**, W. R. Buck 8575. 2000–3000 m

*Groutiella apiculata* (Hook.) H. A. Crum & Steere: **La Altagracia**, W. D. Reese 15571; **Barahona**, W. R. Buck 8186; **Pedernales**, Eberhard Bolay 16 (MO); **Peravia**, M. M. Mejía Pimentel 8182; **Puerto Plata**, W. D. Reese 15453; **Samaná**, W. R. Buck 8741; **San Cristobal**, T. Zanoni 29739 (MO); **Santiago**, T. A. Zanoni 26700; **Santo Domingo**, W. D. Reese 15183; **El Seibo**, D. H. Norris B6953; **Trujillo**, H. A. Allard 17272; **La Vega**, A. J. Shaw 5603. Sea level–2000 m

\**Groutiella husnotii* (Schimp. ex Besch.) H. A. Crum & Steere: **Peravia**, T. A. Zanoni 19856G; **Límite Puerto Plata–Santiago**, T. A. Zanoni 25611-F. 1000–2000 m

*Groutiella mucronifolia* (Hook. & Grev.) H.A. Crum & Steere: **La Altagracia**, W. R. Buck 5091; **Barahona**, G. Dauphin 4030; **Independencia**, D. H. Norris B6120; **Puerto Plata**, W. D. Reese 15453; **Santo Domingo**, W. R. Buck 4652; **El Seibo**, W.D. Reese 15537. Sea level–1000 m

\**Groutiella obtusa* (Mitt.) Florsch.: **Azua**, S. A. Thompson 10697; **Pedernales**, E. Bolay 9. 300–1000 m

*Groutiella wagneriana* (Müll. Hal.) H. A. Crum & Steere: **Barahona**, T. A. Zanoni 30481; **Independencia**, D. H. Norris B6111; **Pedernales**, W. C. Steere 22904; **San Rafael**, D. H. Norris B6889; **La Vega**, H. A. Allard 17588b. 1000–2000 m

*Gymnostomiella vernicosa* (Hook.) M. Fleisch.: **Samaná**, R. O. Schuster RD15. Sea level–300 m

\**Gymnostomum aeruginosum* Sm.: **Independencia**, M. Pérez, MP3083; **San Rafael**, D. H. Norris 6478. 1000–2000 m

†*Hamatocaulis vernicosus* (Mitt.) Hedenäs: **Azua**, Ekman 13594 (FH) 1000–2000 m

*Haplocladium angustifolium* (Hampe & Müll. Hal.) Broth.: **La Estrelleta**, W. D. Reese 15123; **Independencia**, G. L. S. Merrill 10235; **San Juan**, W. R. Buck 14175; **La Vega**, W. C. Steere 23401. 1000–3000 m

*Haplocladium microphyllum* (Hedw.) Broth.: **Barahona**, T. A. Zanoni 19025C; **La Estrelleta**, W. R. Buck 4550; **Independencia**, W. D. Reese 15107; **Pedernales**, W. D. Reese 15041; **Puerto Plata**, A. H. Liogier 25638; **Samaná**, W. C. Steere 23197; **San Cristobal**, W. D. Reese 15616; **Santiago**, J. Jiménez M-2; **Santo Domingo**, W. D. Reese 15196; **La Vega**, W. R. Buck 8519. Sea level–2000 m

†*Hedwigia ciliata* (Hedw.) P. Beauv.: **San Juan**, W. R. Buck 8485; **Santiago**, A. H. Liogier 25046; **La Vega**, W. D. Reese 15847. 1000–3000 m

†*Hedwigidium integrifolium* (P. Beauv.) Dixon: **San Juan**, W. R. Buck 8383; **Santiago**, A. Gottschalk 11; **La Vega**, W. C. Steere 23059. 1000–3098 m

*Helicodontium capillare* (Hedw.) A. Jaeger: **Barahona**, W. S. Judd 1136; **Dajabón**, W. R. Buck 4831; **Duarte**, T. A. Zanoni 15508; **Pederlanes**, W. R. Buck 4283; **Puerto Plata**, T. A. Zanoni 28151; **San Cristóbal**, W. R. Buck 5158; **Sánchez Ramírez**, T. A. Zanoni 16156P; **Santo Domingo**, W. D. Reese 15195; **Santiago**, A. H. Liogier 10987a; **El Seibo**, W. D. Reese 15497; **La Vega**, H. A. Allard 18162. Sea level–2000 m

*Helicophyllum torquatum* (Hook.) Brid.: **Peravia**, M. M. Mejía Pimentel 8074; **La Vega**, G. C. Jones B1210B. 300–1000 m

*Hemiragis aurea* (Lam. ex Brid.) Kindb.: **La Vega**, No colector (s. n.). 2000–3000 m

*Henicodium geniculatum* (Mitt.) W. R. Buck: **Dajabón**, W. D. Reese 15381; **Duarte**, T. A. Zanoni 15512; **Santiago**, T. A. Zanoni 41168a; **Santo Domingo**, W. D. Reese 15189; **El Seibo**, W. R. Buck 4993; **La Vega**, W. R. Buck 8523. Sea level–2000 m

†*Herpetineuron tococae* (Sull. & Lesq.) Cardot: **Azua**, M. M. Mejía Pimentel 8267; **Rodríguez**, T. McDowell 4272. 300–2000 m

*Hildebrandtiella guyanensis* (Mont.) W. R. Buck: **Barahona**, I. Sastre, 3325; **Pedernales**, W. C. Steere 22864; **Santiago Rodríguez**, T. A. Zanoni 19469E; **La Vega**, H. A. Allard 18115. 300–2000 m

*Holomitrium arboreum* Mitt.: **Barahona**, T. Zanoni et al. 20348H (MO, NY); **Pedernales**, R. P. Adams, C. Ramirez & T. Zanoni 10917; **Puerto Plata**, William D. Reese 15447 (MO). 300–2000 m

*Holomitrium calycinum* (Hedw.) Mitt.: **Barahona**, W. R. Buck 8159; **Independencia**, D. H. Norris, et al. 6679 (MO); **Pedernales**, R. P. Adams, et al. T. Zanoni 10963 (MO, NY) **Peravia**, W. C. Steere 23163; **Puerto Plata**, W. D. Reese 15432; **La Vega**, G. C. Jones & D. H. Norris 1079. 1000–3000 m



*Holomitrium flexuosum* Mitt.: **Independencia**, M. Pérez MP2873; **La Vega**, G. C. Jones B1079. 1000–2000 m

*Homaliiodendron flabellatum* (Sm.) M. Fleisch.: **Independencia**, W. R. Buck 4699; **Pedernales**, G. L. S. Merrill 10155; **Santo Domingo**, A. N. Desvaux (s. n.); **La Vega**, H. A. Allard 17592b. 1000–2000 m

*Hookeria acutifolia* Hook. & Grev.: **Barahona**, I. Sastre, 3486; **Independencia**, W. R. Buck 4696; **Pedernales**, W. R. Buck 5345; **Peravia**, W. C. Steere 23068; **La Vega**, S. Pócs 03172/AG. 1000–2000 m

†*Hygroamblystegium fluviatile* (Hedw.) Loeske [*Amblystegium fluviatile* (Hedw.) Schimp.] **Independencia**, M. Pérez, MP3350; **La Vega/Santiago**, W.R. Buck 14084; **San Juan**, W. R. Buck 8480; **La Vega**, D. H. Norris 7336. 1000–3000 m

*Hygroamblystegium varium* (Hedw.) Mönk.: **San Juan**, W. R. Buck 14223; **La Vega**, A. J. Shaw 5633. 2000–3000 m

\**Hymenodon reggaeus* Kartt. & S. Back: **Barahona**, T. A. Zanoni 25070-C; **Constanza**, A. H. Liogier 24923; **La Estrelleta**, W. D. Reese 15344; **Independencia**, W. R. Buck 14602; **Pedernales**, G. L. S. Merrill 10143; **Peravia**, W. R. Buck 5229; **La Vega**, W. R. Buck 14157. 1000–3000 m

*Hymenostylium recurvirostrum* (Hedw.) Dixon: **Independencia**, W. D. Reese 15253; **Pedernales**, W. D. Reese 15026; **Puerto Plata**, P. Liogier 25593; **San Cristobal**, T. A. Zanoni 29745; **Santiago**, T. A. Zanoni 42577; **Trujillo**, H. A. Allard 17322; **La Vega**, W. D. Reese 15858. Sea level–3000 m

*Hyophila involuta* (Hook.) A. Jaeger: **Barahona**, I. Sastre 3608; **Dajabón**, R. O. Schuster RD13; **Duarte**, T. A. Zanoni 15519; **Independencia**, W. D. Reese 15309; **Pedernales**, W. R. Buck 4456; **Puerto Plata**, W. R. Buck 4921; **Samaná**, W. R. Buck 7835; **San Cristóbal**, T. A. Zanoni 29504; **Santo Domingo**, W. D. Reese 15656; **El Seibo**, T. A. Zanoni 15898; **Trujillo**, H. A. Allard 17271; **La Vega**, W. R. Buck 8507. Sea level–2000 m

*Hyophiladelphus agrarius* (Hedw.) R. H. Zander: **La Altagracia**, T. A. Zanoni 17168; **Barahona**, I. Sastre 3586; **Dajabón**, T. A. Zanoni 17885A; **Independencia**, W. D. Reese 15102; **María Trinidad Sánchez**, R. O. Schuster RD12a; **Monte Cristi**, W. D. Reese 15416; **Pedernales**, W. D. Reese 15049; **Peravia**, W. C. Steere 23183; **La Romana**, T. A. Zanoni 11947; **Samaná**, W. C. Steere 23199; **San Pedro de Macorís**, T. A. Zanoni 16235; **Santo Domingo**, W. D. Reese 15212; **El Seibo**, W. R. Buck 4972. Sea level–1000 m

*Hypnella leptorrhyncha* (Hook. & Grev.) A. Jaeger: **Barahona**, I. Sastre 3417; **Independencia**, D. H. Norris 6708; **Peravia**, W. R. Buck 8679; **La Vega**, H. A. Allard 18597. 1000–3000 m

†*Hypnum amabile* (Mitt.) Hampe: **La Vega**, D. H. Norris B7105; **Independencia**, I. Sastre. 4248. 1000–3000 m

*Hypnum polypterum* (Mitt.) Broth.: **Independencia**, M. Pérez, MP2813; **Peravia**, W.C. Steere 22796 (MO); **La Vega**, W.C. Steere 22606 (MO). 1000–3000 m

*Isodrepanium lentulum* (Wilson) E. Britton: **La Vega**, H. A. Allard 18629. 1000–2000 m

*Isopterygium subbrevisetum* (Hampe) Broth.: **Barahona**, G. Dauphin 3895; **Dajabón**, W. R. Buck 4837; **Independencia**, W. R. Buck 14661; **Santo Domingo**, H. A. Allard 16116; **Pedernales**, W. C. Steere 22854; **Peravia**, T. Zanoni et al. 22598J (MO); **La Vega**, T. A. Zanoni 15718. Sea level–2000 m

*Isopterygium tenerifolium* Mitt.: **Dajabón**, T. A. Zanoni 17989<sup>a</sup>; **Peravia**, W. R. Buck 5247. 300–3000 m

*Isopterygium tenerum* (Sw.) Mitt.: **La Altigracia**, W. R. Buck 5100; **La Estrelleta**, W. D. Reese 15115; **Independencia**, M. Pérez MP2580; **Pedernales**, T. A. Zanoni 16714; **Puerto Plata**, W. R. Buck 4839; **Samaná**, T. A. Zanoni 20758L (U); **San Cristóbal**, W. R. Buck 5166; **Santo Domingo**, W. D. Reese 15197; **El Seibo**, M. M. Mejía Pimentel (s. n.); **La Vega**, H. A. Allard 16867. Sea level–2000 m

*Jaegerina scariosa* (Lorentz) Arzeni: **Dajabón**, W. D. Reese 15382; **La Vega**, H. A. Allard 18984. Sea level–1000 m

\*†*Kindbergia praelonga* (Hedw.) Ochyra: **Independencia**, D. H. Norris 7582. 1000–3000 m

*Leiomela bartramioides* (Hook.) Paris: **Barahona**, W. C. Steere 22806; **La Estrelleta**, W. D. Reese 15328; **Independencia**, D. H. Norris B6070; **Pedernales**, W. R. Buck 4740; **Peravia**, A. J. Shaw 5763; **La Vega**, W. R. Buck 8010. 1000–3000 m

\*†*Leiomela deciduifolia* Herzog: **Independencia**, M. Pérez. MP2920; **San Juan**, W. R. Buck 14197. 2000–3000 m

\**Lepidopilidium portoricense* (Müll. Hal.) H. A. Crum & Steere: **La Vega**, W. R. Buck 14106<sup>a</sup>. 1000–3000 m

*Lepidopilum amplirete* (Sull.) Mitt.: **Pedernales**, W. R. Buck 14750; **Samaná**, W. R. Buck 8702. Sea level–2000 m

*Lepidopilum longifolium* Hampe: **Barahona**, I. Sastre 3450b; **La Estrelleta**, W. R. Buck 4787; **Independencia**, D. H. Norris 6939B; **Pedernales**, W. R. Buck 8302; **Peravia**, W. R. Buck 8130; **Santiago**, W. S. Judd 1536; **La Vega**, W. R. Buck 8051. 1000–3000 m

*Lepidopilum polytrichoides* (Hedw.) Brid.: **Barahona**, A. H. Liogier 26176; **El Seibo**, W. R. Buck 5026; **La Vega**, H. A. Allard 18353c. 300–2000 m

*Lepidopilum scabrisetum* (Schwägr.) Steere: **Barahona**, I. Sastre 3332; **Independencia**, M. Pérez MP2638; **San Cristóbal**, W. D. Reese 15654; **Santo Domingo**, E. L. Ekman 12407; **Santiago**, W. S. Judd 1549; **El Seibo**, W. R. Buck 5045; **La Vega**, W. D. Reese 15790. 300–2000 m

*Lepidopilum tortifolium* Mitt.: **La Vega**, W. R. Buck 5344. 300–1000 m

*Leptodictyum riparium* (Hedw.) Warnst.: **Barahona**, W. S. Judd 3046; **Independencia**, W. R. Buck 4664; **Pedernales**, W. R. Buck 4471. Sea level–300 m

\*†*Leptodontium brachyphyllum* (Broth.) Thér.: **La Vega**, W. D. Reese 15764. 1000–2000 m

†*Leptodontium exasperatum* Cardot: **La Vega**, D. H. Norris B5393. 1000–3000 m

†*Leptodontium luteum* (T. Taylor) Mitt.: **La Vega**, T. A. Zanoni 20850D. 2000–3000 m

*Leptodontium ulocalyx* (Müll. Hal.) Mitt.: **Independencia**, S. A. Thompson 9306; **Pedernales**, A. H. Liogier 26988; **Peravia**, G. L. S. Merrill 10340; **San Juan**, W. R. Buck 8464; **Límite San Juan–Santiago**, T. A. Zanoni 42066; **La Vega**, A. J. Shaw 5619. 1000–3098 m

*Leptodontium viticulosoides* (P. Beauv.) Wijk & Margad.: **Independencia**, I. Sastre. 3946; **Peravia**, T. A. Zanoni 12241; **San José de Ocoa**, A. H. Liogier 24949; **La Vega**, T. A. Zanoni 12359. 1000–3000 m

*Lepyrodon tomentosus* (Hook.) Mitt.: **La Vega**, A. J. Shaw 5431. 1000–3000 m

*Lepyrodontopsis trichophylla* (Sw. ex Hedw.) Broth.: **Barahona**, I. Sastre 3390; **Independencia**, W. R. Buck 4704; **La Estrelleta**, W. D. Reese 15335; **Pedernales**, W. R. Buck 4425; **Samaná**, W. L. Abbott 277; **San Rafael**, D. H. Norris 6789; **Santiago**, W. S. Judd 1557; **El Seibo**, W. R. Buck 5047; **La Vega**, G. C. Jones B1105A. 300–2000 m

*Leskeodon andicola* (Spruce ex Mitt.) Broth.: **Barahona**, I. Sastre 3501b; **La Vega**, W. R. Buck 7992. 1000–2000 m

*Leskeodon cubensis* (Mitt.) Thér.: **Barahona**, I. Sastre 3337; **Independencia**, M. Pérez MP3181; **La Vega**, H. A. Allard 18225. 1000–2000 m

*Leucobryum albicans* (Schwägr.) Lindb.: **Barahona**, W. L. Abbott 1817<sup>a</sup>; **La Vega**, T. Zanoni, et al. 22834D (MO). 300–1000 m

*Leucobryum albidum* (Brid. ex P. Beauv.) Lindb.: **Independencia**, M. Pérez MP2918; **Pedernales**, G. L. Smith 10149; **Peravia**, T. Zanoni, et al. 22598D (MO); **Santiago**, T. A. Zanoni 26740; **Santo Domingo**, no colector (s. n.); **La Vega**, H. A. Allard 17690. 1000–2000 m

*Leucobryum antillarum* Schimp. ex Besch.: **Bahoruco**, A. Motito 19058 (BSC); **Barahona**, W. S. Judd 1105; **Diego de Ocampo**, J. Jiménez M-43; **Duarte**, M. M. Mejía Pimentel 1865; **Independencia**, D. H. Norris B6567; **Pedernales**, S. A. Thompson 7409; **Peravia**, W. R. Buck 5275; **Santo Domingo**, H. F. A. von Eggers (s. n.); **San Francisco de Macorís**, W. L. Abbott 2150; **Santiago**, T. A. Zanoni 26772-JJ; **La Vega**, G. C. Jones B1306A. 300–3000 m

*Leucobryum crispum* Müll. Hal.: **Barahona**, I. Sastre. 3334b; **Independencia**, D. H. Norris B6264; **La Estrelleta**, G. L. Smith 10248; **Pedernales**, T. A. Zanoni 16808; **Peravia**, T. A. Zanoni 12235; **San Rafael**, D. H. Norris B6811; **La Vega**, T. A. Zanoni 12265. Sea level–2000 m

*Leucobryum giganteum* Müll. Hal.: **Duarte**, W. L. Abbott 2150 (MO); **Peravia**, T. A. Zanoni 22744E. 300–2000 m

*Leucobryum martianum* (Hornsch.) Hampe ex Müll. Hal.: **Barahona**, I. Sastre 3320; **Duarte**, W. L. Abbott 2153; **Independencia**, I. Sastre 3982; **Samaná**, W. L. Abbott 1423; **San Francisco de Macorís**, W. L. Abbott 2153; **La Vega**, H. A. Allard 17069b. Sea level–3000 m

*Leucobryum polakowskyi* (Müll. Hal. ex Besch.) Cardot: **Bahoruco**, A. Motito 19051 (BSC); **Barahona**, W. C. Steere 22813; **Azua**, S. A. Thompson 10699; **Pedernales**, W. R. Buck 4757; **Peravia**, W. D. Reese 15751; **Puerto Plata**, W. R. Buck 4958; **San Cristóbal**, T. A. Zanoni 27833; **La Vega**, T. A. Zanoni 20280. 300–3000 m

*Leucoloma albulum* (Sull.) A. Jaeger: **Peravia**, D. D. Dod 8. Elevation not available

*Leucoloma cruegerianum* (Müll. Hal.) A. Jaeger: **Barahona**, W. R. Buck 8177; **Independencia**, M. Pérez MP3039; **Monseñor Nouel**, A. H. Liogier 25659; **Pedernales**, T. A. Zanoni 16800; **Santiago**, W. S. Judd 1574; **La Vega**, T. A. Zanoni 17486. 300–2000 m

\**Leucoloma mariei* Besch.: **Independencia**, D. H. Norris 6538. 1000–2000 m

*Leucoloma schwaneckeanum* (Hampe) Broth.: **Barahona**, W. R. Buck 8188; **La Vega**, H. A. Allard 18536. 1000–2000 m

*Leucoloma serrulatum* Brid.: **Barahona**, W. C. Steere 22818; **La Estrelleta**, W. D. Reese 15408; **Independencia**, W. R. Buck 4687; **Pedernales**, T. A. Zanoni 16816; **Peravia**, W. D. Reese 15724; **Puerto Plata**, W. R. Buck 4914; **La Vega**, W. R. Buck 7990. Sea level–3000 m

*Leucomium strumosum* (Hornsch.) Mitt.: **Barahona**, R. A. Howard (s.n.); **Independencia**, I. Sastre 4103; **El Seibo**, W. R. Buck 5027; **La Vega**, H. A. Allard 17982. Sea level–1000 m

*Loeskeobryum brevirostre* (Brid.) M. Fleisch.: **La Vega**, E. L. Ekman H14032. 2000–3000 m

*Luisierella barbula* (Schwägr.) Steere: **Independencia**, W. D. Reese 15097; **Límite Puerto Plata-Santiago**, T. A. Zanoni 25610G; **Pedernales**, W. R. Buck 4486; **Santo Domingo**, W. R. Buck 4660. 300–2000 m

†*Macrocoma gastonyi* D. H. Norris & Vitt: **San José de Ocoa**, A. H. Liogier 24944; **San Juan**, W. R. Buck 8382; **La Vega**, D. H. Norris 5840. 3000–3098 m

†*Macrocoma tenuis* subsp. *sullivantii* (Müll. Hal.) Vitt: **Independencia**, W. R. Buck 14387; **Peravia**, W. R. Buck 5240; **San José de Ocoa**, A. H. Liogier 24944; **San Juan**, W. R. Buck 8380; **La Vega**, A. J. Shaw 5600. 1000–3098 m

\**Macrodictyum proliferum* (Mitt.) E.H. Hegew.: **Santiago**, Pico de Igua, J. de Jesús Jiménez Almonte M28. 1000–2000 m

*Macromitrium cirrosus* (Hedw.) Brid.: **Barahona**, W. C. Steere 22799; **La Estrelleta**, G. L. S. Merrill 10259; **Independencia**, D. H. Norris B6499; **Pedernales**, T. A. Zanoni 16807; **Peravia**, T. A. Zanoni 28241; **Puerto Plata**, W. D. Reese 15455; **Samaná**, W. L. Abbott 2331a; **Santiago**, W. S. Judd 1588; **Santo Domingo**, J. de Jesús Jiménez Almonte M-36; **La Vega**, D. H. Norris B7608. Sea level–3000 m

*Macromitrium guatemalense* Müll. Hal.: **La Vega**, W. D. Reese 15845. 2000–3000 m

\**Macromitrium lepriurii* Mont.: **Barahona**, I. Sastre. 3413; **El Seibo**, M. M. Mejía Pimentel 23944<sup>a</sup>. Sea level–300 m

*Macromitrium longifolium* (Hook.) Brid.: **Barahona**, I. Sastre 3319; **Independencia**, D. H. Norris B6722; **Peravia**, W. C. Steere 22770; **San José de Ocoa**, A. H. Liogier 24930; **San Rafael**, D. H. Norris B6888; **La Vega**, A. J. Shaw 5653. 1000–3000 m

*Macromitrium microstomum* (Hook. & Grev.) Schwägr.: **Barahona**, W. R. Buck 8193; **Independencia**, S. H. Thompson 9304; **Pedernales**, S. A. Thompson 7346; **Peravia**, T. A. Zanoni 12225; **San José de Ocoa**, A. H. Liogier 24957; **San Juan**, W. R. Buck 8497; **La Vega**, A. J. Shaw 5601. 1000–3000 m

\**Macromitrium pellucidum* Mitt.: **Pedernales**, W. R. Buck 8289<sup>a</sup>; **La Vega**, W. R. Buck 8526. 1000–2000 m

\**Macromitrium perichaetiale* (Hook. & Grev.) Müll. Hal.: **La Vega**, S. A. Thompson 11270. 1000–2000 m

*Macromitrium podocarpi* Müll. Hal.: **Azua**, T. A. Zanoni 22094A; **Independencia**, I. Sastre 4261; **Pedernales**, R. P. Adams 10923; **La Vega**, D. H. Norris B5157. 300–2000 m

*Macromitrium punctatum* (Hook. & Grev.) Brid.: **Barahona**, W. C. Steere 22809; **Independencia**, W. R. Buck 14559; **La Vega**, D. H. Norris 5297. Sea level–2000 m

*Macromitrium richardii* Schwägr.: **Pedernales**, W. R. Buck 7941; **La Vega**, T. A. Zanoni 20617C. 300–2000 m

*Macromitrium scoparium* Mitt.: **Independencia**, D. H. Norris B6193; **Peravia**, T. A. Zanoni 28283; **La Vega**, D. H. Norris B5751. 1000–3000 m

*Meiothecium boryanum* (Müll. Hal.) Mitt.: **Dajabón**, T. A. Zanoni 17989C; **Independencia**, M. Pérez. MP2909; **Santo Domingo**, H. A. Allard 16191; **Trujillo**, H. A. Allard 17273a; **La Vega**, H. A. Allard 16972. Sea level–2000 m

†*Mesonodon flavescens* (Hook.) W. R. Buck: **La Vega**, D. H. Norris B5875. 1000–2000 m

*Meteoridium remotifolium* (Müll. Hal.) Manuel: **Bahoruco**, A. Motito 19050 (BSC); **Barahona**, A. H. Liogier 25784; **Diego de Ocampo**, J. de J. Jiménez Almonte M-45; **La Estrelleta**, W. D. Reese 15166; **Independencia**, D. H. Norris B6760; **Pacificador**, W. L. Abbott 2059a; **Pedernales**, T. A. Zanoni 16803; **Peravia**, W. C. Steere 23160; **Puerto Plata**, Robert Merrill King B50-6; **Santiago**, W. S. Judd 1576; **San Rafael**, D. H. Norris B6870; **La Vega**, A. J. Shaw 5394. 300–3000 m

*Meteorium deppei* (Hornsch. ex Müll. Hal.) Mitt.: **Barahona**, W. C. Steere 22817; **La Estrelleta**, W. D. Steere 15142; **Independencia**, W. D. Norris B6041; **Pedernales**, W. C. Steere 22928; **Peravia**, T. A. Zanoni 12629; **Puerto Plata**, W. R. Buck 4948; **Límite San Rafael-Independencia**, D. H. Norris B6809; **Santiago**, W. S. Judd 1568a; **La Vega**, A. J. Shaw 5511. Sea level–3000 m

*Meteorium nigrescens* (Sw. ex Hedw.) Dozy & Molk.: **La Altagracia**, G. C. Jones B1381A; **Azua**, S. A. Thompson 10698; **Dajabón**, T. A. Zanoni 179201; **Duarte**, T. A. Zanoni 15510; **La Estrelleta**, W. D. Reese 15409; **Igua**, J. de Jesús Jiménez Almonte M-22; **Independencia**, D. H. Norris B6616; **Monte Cristi**, W. D. Reese 15411; **Pacificador**, W. L. Abbott 718a; **Piedra Blanca**, H. A. Allard 17996; **Peravia**, T. A. Zanoni 18166A; **Puerto Plata**, A. H. Liogier 25601; **San Cristobal**, A. H. Liogier 11620A; **Sánchez Ramírez**, T. A. Zanoni 16098; **Santiago**, D. H. Norris; **Santo Domingo**, H. A. Allard 16302; **El Seibo**, W. D. Reese 15492; **Trujillo**, H. A. Allard 17344; **La Vega**, A. J. Shaw 5515. Sea level–2000 m

\**Microcampylopus curvisetus* (Hampe) Giese & J.-P. Frahm: **Independencia**, W. R. Buck 4712; **La Vega**, G. C. Jones B1061A. 1000–2000 m

*Mittenothamnium reptans* (Hedw.) Cardot: **Barahona**, G. Dauphin 4178; **Independencia**, I. Sastre 3959; **Pedernales**, W. D. Reese 15028 (MO); **Peravia**, W. C. Steere 23166 (MO); **La Vega**, W. D. Reese 15798 (MO). 300–2000 m

*Molendoa sendtneriana* (Bruch & Schimp.) Limpr.: **La Altagracia**, T. A. Zanoni 17320; **Independencia**, E. Bolay 109; **Pedernales**, W. C. Steere 22905; **San Rafael**, D. H. Norris B6459; **La Vega**, T. A. Zanoni 20713AA. 1000–3000 m

†*Neckera scabridens* Müll. Hal.: **Independencia**, E. Bolay 61. 1000–2000 m

†*Neckera urnigera* Müll. Hal.: **La Estrelleta**, W. R. Buck 4544; **Independencia**, D. H. Norris B6750; **Pedernales**, W. C. Steere 22897; **San Rafael**, D. H. Norris B6805; **La Vega**, W. R. Buck 7965. 1000–2000 m

*Neckeropsis disticha* (Hedw.) Kindb.: **La Altagracia**, J. C. Jones B1395A; **Barahona**, T. A. Zanoni 13542; **Dajabón**, W. D. Reese 15384; **Duarte**, R. O. Schuster 28c; **Samaná**, E. L. Ekman H15238; **San Cristóbal**, M. M. Mejía Pimentel 9655; **San Pedro de Macoris**, N. Taylor 149a; **Santo Domingo**, J. N. Rose 4504; **Sánchez Ramírez**, M. M. Mejía Pimentel 10541; **El Seibo**, W. R. Buck 4985; **La Vega**, H. A. Allard 16884. Sea level–1000 m

*Neckeropsis undulata* (Hedw.) Reichardt: **La Altagracia**, T. A. Zanoni 12016; **Bahoruco**, A. Motito 19052 (BSC); **Dajabón**, T. A. Zanoni 17920A; **Duarte**, T. A. Zanoni 16113; **Independencia**, W. D. Reese 15225; **Pedernales**, G. L. S. Merrill 10061; **Puerto Plata**, G. C. Jones B13959; **Samaná**, G. L. S. Merrill 10410; **San Cristobal**, T. A. Zanoni 16415; **San Pedro de Macoris**, J. N. Rose 4494; **Sánchez Ramírez**, T. A. Zanoni 16156B; **Santo Domingo**, W. D. Reese 15202; **El Seibo**, G. L. S. Merrill 10387; **Trujillo**, H. A. Allard 16960; **La Vega**, G. C. Jones B1210. Sea level–2000 m

*Neodiciadiella pendula* (Sull.) W. R. Buck: **Pedernales**, W. C. Steere 22870; **Santiago**, T. A. Zanoni 26697; **La Vega**, D. H. Norris 5847B. 1000–2000 m

*Octoblepharum albidum* Hedw.: **La Altagracia**, W. R. Buck 5104; **Barahona**, I. Sastre 3335; **Dajabón**, S. A. Thompson 10412; **Macorís**, N. Taylor 322; **Pedernales**, W. R. Buck 4973; **Samaná**, R. O. Schuster 11; **San Cristóbal**, W. R. Buck 5177; **Santo Domingo**, H. A. Allard 15959; **Santiago Rodríguez**, A. Rodríguez 8841; **El Seibo**, G. C. Jones B1491; **La Vega**, H. A. Allard 16866. Sea level–1000 m

\**Octoblepharum cylindricum* Schimp. ex Mont.: **Samaná**, W. L. Abbott 262. Sea level–1000 m

*Octoblepharum erectifolium* Mitt. ex R. S. Williams: **Bahoruco**, A. Motito 19064 (BSC); **Barahona**, W. S. Judd 1112. 300–1000 m

*Octoblepharum pulvinatum* (Dozy & Molk.) Mitt.: **Samaná**, T. A. Zanoni 17708; **San Cristobal**, T. A. Zanoni 12138; **El Seibo**, D. H. Norris B7001; **La Vega**, H. A. Allard 16665. 300–1000 m

†*Oligotrichum aligerum* Mitt.: **Independencia**, M. Pérez MP2888; **Peravia**, W.D. Reese 15681 (MO); **La Vega**, W. C. Steere 22597 (MO). 1000–3000 m

*Orthostichella hexasticha* (Schwägr.) W. R. Buck: **Azua**, M. M. Mejía Pimentel 8270; **Barahona**, H. A. Allard 16511; **La Estrelleta**, W. D. Reese 15410; **Igua**, J. Jiménez M-26; **Independencia**, D. H. Norris B6753; **Pedernales**, G. L. S. Merrill 10075; **San Rafael**, D. H. Norris B6804; **La Vega**, A. J. Shaw 5530. 300–2000 m

*Orthostichopsis tetragona* (Hedw.) Broth.: **La Altagracia**, G. C. Jones B1376A; **Santo Domingo**, E. L. Ekman H11294; **El Seibo**, G. L. S. Merrill 10439a; **La Vega**, D. H. Norris. Sea level–300 m

*Palamocladium leskeoides* (Hook.) E. Britton: **Independencia**, D. H. Norris B6373; **Pedernales**, S. A. Thompson 7333; **San Rafael**, D. H. Norris B6473; **Santiago**, T. A. Zanoni 40546; **La Vega**, W. R. Buck 14019. 1000–2000 m

\**Philonotis cernua* (Wilson) D. G. Griffin & W. R. Buck: **La Vega**, W. R. Buck 14062<sup>a</sup>. 1000–3000 m

*Philonotis elongata* (Dism.) H. A. Crum & Steere: **San Cristobal**, H. A. Allard 16765; **San José de Ocoa**, H. A. Allard 17349; **La Vega**, W. R. Buck 5376. Sea level–2000 m

\**Philonotis longiseta* (Michx.) E. Britton: **La Vega**, J. C. Jones 10651. 1000–2000 m

†*Philonotis rufiflora* (Hornsch.) Reichardt: **Santiago**, A. H. Liogier 25049; **La Vega**, W. S. Judd 1283. 1000–3000 m

*Philonotis sphaerocarpa* (Hedw.) Brid.: **Barahona**, G. Dauphin 4191; **Dajabón**, T. A. Zanoni 17920J; **Pedernales**, T. A. Zanoni 19067G; **Peravia**, A. J. Shaw 5753; **Puerto Plata**, W. R. Buck 4894; **Santiago**, A. Gasbarro (s. n.); **Trujillo**, H. A. Allard 67270; **San José de Ocoa**, H. A. Allard 17330d; **San Cristobal**, H. A. Allard 16769; **La Vega**, W. R. Buck 14140. Sea level–3000 m

*Philonotis uncinata* (Schwägr.) Brid.: **La Altagracia**, W. D. Reese 15577; **Azua**, J. N. Rose 4484; **Barahona**, T. A. Zanoni 16476; **Bonao**, A. H. Liogier 25660; **Duarte**, T. A. Zanoni 15526; **Independencia**, G. L. S. Merrill 10200; **María Trinidad Sánchez**, R. Schuster 12b; **Peravia**, W. D. Reese 15678; **Puerto Plata**, G. C. Jones B1348D; **Samaná**, W. C. Steere 23186; **San Cristóbal**, T. A. Zanoni 14990; **Santiago**, W. S. Judd (s. n.); **Santo Domingo**, H. A. Allard 16165; **El Seibo**, W. R. Buck 5004; **Trujillo**, H. A. Allard 17326; **La Vega**, H. A. Allard 18908. Sea level–3000 m

*Phyllodon truncatulus* (Müll. Hal.) W.R. Buck: **La Vega**, H. A. Allard 18812. Sea level–1000 m

*Phyllogonium fulgens* (Hedw.) Brid.: **Bahoruco**, A. Motito 19056 (BSC); **Barahona**, A. H. Liogier 25778; **La Estrelleta**, G. L. S. Merrill 10260; **Independencia**, D. H. Norris B6664; **Pedernales**, T. A. Zanoni 16797; **Puerto Plata**, W. R. Buck 4963; **Samaná**, W. L. Abbot 2359; **Santiago**, W. S. Judd 1562; **San Rafael**, D. H. Norris B6850; **Santo Domingo**, H. F. A. von Eggers 1725b; **El Seibo**, D. H. Norris B6957; **La Vega**, D. H. Norris B7566A. Sea level–2000 m

*Phyllogonium viride* Brid.: **Samaná**, W. L. Abbott 290; **Santiago**, T. A. Zanoni 26680; **El Seibo**, D. H. Norris B6957; **La Vega**, G. C. Jones B1106. Sea level–2000 m

*Physcomitrium cupuliferum* Mitt.: **Independencia**, W. R. Buck 14680; **La Vega**, A. J. Shaw 5477. 1000–2000 m

*Pilopogon gracilis* (Hook.) Brid.: **La Estrelleta**, W. D. Reese 15135; **Independencia**, D. H. Norris B5960; **Peravia**, W. R. Buck 5255; **La Vega**, D. H. Norris B7232. 1000–3000 m

*Pilopogon guadalupensis* (Brid.) J.-P. Frahm: **Elias Piña**, William R. Buck 4588, (MO); **Peravia**, William D. Reese 15708, MO; **La Vega**, T. Zanoni & J. Pimentel 20850K, (MO). 1000–3000 m

†*Pilosium chlorophyllum* (Hornsch.) Müll. Hal.: **San José de Ocoa**, A. H. Liogier 26042; **Santo Domingo**, H. A. Allard 16614; **El Seibo**, D. H. Norris 7006; **Trujillo**, H. A. Allard 17970; **La Vega**, D. H. Norris 7456. Sea level–3000 m

*Pilotrichella cuspidans* Renaud & Cardot: **Bahoruco**, E. Bolay 92 (MO); **Barahona**, T. A. Zanoni 30375; **Constanza**, H. A. Allard 16313b; **La Estrelleta**, W. R. Buck 4573; **Independencia**, W. D. Reese 15236; **Pedernales**, W. R. Buck 8310; **Peravia**, T. Zanoni 19856I (MO); **San José de Ocoa**, A. H. Liogier 21585; **La Vega**, H. A. Allard 17620. 1000–2000 m

*Pilotrichella flexilis* (Hedw.) Ångström: **Barahona**, G. Dauphin. 3848; **Constanza**, A. H. Liogier 24914; **Independencia**, D. H. Norris B6198A; **Pedernales**, W. R. Buck 4295; **Peravia**, W. C. Steere 22784; **Puerto Plata**, W. D. Reese 15446; **La Vega**, A. H. Liogier 24919. 1000–3000 m

*Pilotrichella reesei* B. H. Allen & Magill: **La Estrelleta**, W. D. Reese 15340; **Pedernales**, W. C. Steere 22838; **La Vega**, H. A. Allard 17585<sup>a</sup>. 1000–2000 m

*Pilotrichum affine* (Hook.) Brid.: **Bahoruco**, A. Motito 19057 (BSC); **Barahona**, T. A. Zanoni 25065-O; **La Estrelleta**, G. L. S. Merrill 10252; **Independencia**, D. H. Norris B6231; **San Rafael**, D. H. Norris B6849; **La Vega**, H. A. Allard 18716b. 1000–2000 m

*Pilotrichum evanescens* (Müll. Hal.) Crosby: **El Seibo**, D. H. Norris 6993; **La Vega**, H. A. Allard 16954. Sea level–1000 m

*Pilotrichum lophophyllum* Sull.: **Santo Domingo**, H. F. A. von Eggers (s.n). Sea level–300 m

*Pinnatella minuta* (Mitt.) Broth.: **La Altagracia**, W. D. Reese 15593; **Samaná**, T. A. Zanoni 17671; **Santo Domingo**, H. A. Allard 17911; **La Vega**, H. A. Allard 18330<sup>a</sup>. Sea level–1000 m

*Pirella angustifolia* (Müll. Hal.) Arzeni: **Barahona**, W. L. Abbott 1879; **Igua**, J. de Jesús Jiménez Almonte M-21; **Pedernales**, G. L. S. Merrill 10064; **Puerto Plata**, W. R. Buck 4949; **La Vega**, H. A. Allard 18634. 300–2000 m

*Pirella cymbifolia* (Sull.) Cardot: **La Altagracia**, G. C. Jones B1376A; **Puerto Plata**, G. C. Jones 1359A; **Samaná**, W. R. Buck 8731; **San Cristóbal**, W. D. Reese 15638; **Sánchez Ramírez**, T. A. Zanoni 16177; **Santiago**, T. A. Zanoni 42581; **Santo Domingo**, H. A. Allard 18055; **El Seibo**, W. D. Reese 15514; **La Vega**, H. A. Allard 17867. Sea level–1000 m

*Pirella pohlii* (Schwägr.) Cardot: **Dajabón**, T. A. Zanoni 17989F; **Puerto Plata**, W. D. Reese 15429; **Samaná**, W. R. Buck 8713; **Sánchez Ramírez**, T. A. Zanoni 16156J; **El Seibo**, G. L. S. Merrill 10405; **La Vega**, H. A. Allard 17150. Sea level–2000 m

*Plagiothecium drepanophyllum* Reanual & Cardot: **La Vega**, T. Zanoni et al. 20200K. 1000–3000 m

†*Plagiothecium georgicoantarcticum* (Müll. Hal.) Kindb. [*Plagiothecium conostegium*] **Peravia**, W. C. Steere 23165; **San Juan**, W. R. Buck 14268; **La Vega**, W. R. Buck 7821. 1000–3098 m

†*Plagiothecium lucidum* (Hook. f. & Wilson) Paris: **Barahona**, G. Dauphin 3758; **Peravia**, W. C. Steere 23070; **La Vega**, A. J. Shaw 5704. 1000–3000 m

*Platyhypnidium aquaticum* (M. Fleisch.) A. Jaeger: **Santiago**, A. Gottschalk 1; **La Vega**, H. A. Allard 17553. 1000–2000 m

*Platyhypnidium riparioides* (Hedw.) Dixon: **La Vega**, G. C. Jones B1168A. 1000–3000 m

*Plaubelia sprengelii* (Schwägr.) R. H. Zander: **La Altigracia**, W. D. Reese 15201; **Barahona**, G. L. S. Merrill 10039; **Pedernales**, W. D. Reese 15048; **Samaná**, W. C. Steere 23185; **San Cristóbal**, W. R. Buck 5163; **Santo Domingo**, W. D. Reese 15201; **El Seibo**, T. A. Zanoni 15894; **La Vega**, H. A. Allard 16724. Sea level–2000 m

*Pleurochaete squarrosa* (Brid.) Lindb.: **Independencia**, W. D. Reese 15232; **Pedernales**, S. A. Thompson 7299; **La Vega**, W. R. Buck 7960. 1000–2000 m

*Pleuridium acuminatum* Lindb.: **San Juan**, W. R. Buck 8477; **La Vega**, W. R. Buck 8617. 2000–3000 m

*Pleuridium holdridgei* H. A. Crum & Steere: **San Juan**, W. R. Buck 8021. 2000–3000 m

\**Pleuridium mexicanum* Cardot: **La Vega**, W. R. Buck 14036. 2000–3000 m

*Pogonatum campylocarpon* (Müll. Hal.) Mitt.: **La Vega**, G.L. Smith 10305 (MO). 2000–3000 m

*Pogonatum leptopelma* (Müll. Hal.) Paris: **La Vega**, D. H. Norris B5549. 2000–3000 m

\**Pogonatum norrisii* Hyvönen: **Constanza**, A. H. Liogier 17059; **La Vega**, D. H. Norris B7155. 1000–3000 m

*Pogonatum procerum* (Lindb.) Schimp.: **Peravia**, M. Mejía & T. Zanoni 8722 (MO); **La Vega**, D. H. Norris 7234. 1000–3000 m

*Pogonatum tortile* (Sw.) Brid.: **Independencia**, S. A. Thompson 9735; **Pedernales**, W. D. Reese 15283 (MO); **Peravia**, T. Zanoni, et al. 22744D (MO); **La Vega**, W. R. Buck 14051. 1000–3000 m

†*Pohlia elongata* Hedw.: **San Juan**, W. R. Buck 8426; **La Vega**, T. A. Zanoni 20636<sup>a</sup>. 1000–3098 m

\**Pohlia flexuosa* Hook.: **Peravia**, W. R. Buck 5237; **La Vega**, T. A. Zanoni 12338. 300–3000 m

*Pohlia mauiensis* (Broth. ex E.B. Bartram) W. Schultze-Motel [*Plagiomnium rhynchophorum* var. *carolinianum* (L.E. Anderson) T.J. Kop.; *Plagiomnium rostratum* (Schrad.) T. J. Kop.]: **Barahona**, W. C. Steere 22820; **La Estrelleta**, W. D. Reese 15324; **Independencia**, D. H. Norris B6742; **Pedernales**, T. A. Zanoni 20447F; **Peravia**, M. M. Mejía Pimentel 8730; **La Vega**, D. H. Norris B5167. 1000–3000 m

\**Pohlia papillosa* (Müll. Hal. ex A. Jaeger) Broth.: **Peravia**, W. R. Buck 8132; **La Vega**, W. R. Buck 14117. 1000–3000 m

†*Pohlia richardsii* A.J. Shaw: **Independencia**, W. R. Buck 4707; **San Juan**, W. R. Buck 14278; **La Vega**, W. R. Buck 8634. 1000–3098 m

\**Pohlia tenuifolia* (A. Jaeger) Broth.: **La Vega**, W. C. Steere 22631. 1000–2000 m



†*Pohlia wahlenbergii* (F. Weber & D. Mohr) A. L. Andrews: **La Vega**, D. H. Norris B5474. 2000–3000 m

*Polytrichastrum pallidisetum* (Funck) G.L. Sm.[*Polytrichum decipiens* Limpr.]: **La Estrelleta**, W. R. Buck 4579; **La Vega**, G. L. S. Merrill 10268. 1000–2000 m

*Polytrichum commune* Hedw.[*Polytrichum swartzii* Hartm.]: **Peravia**, A. J. Shaw 5749; **San Juan**, A. Gottschalk Moscoso 12 (MO); **La Vega**, A. J. Shaw 5449. 1000–2000 m

*Polytrichum juniperinum* Hedw.: **Barahona**, T. A. Zanoni 19025B; **Cosntanza**, A. H. Liogier 22274; **La Estrelleta**, W. R. Buck 4569; **Independencia**, D. H. Norris B 6241; **Jaracoba**, 17220; **Pedernales**, W. Bivin [Bivin] 6-1; **Peravia**, G. L. S. Merrill 10347; **Puerto Plata**, G. C. Jones B1353-F; **San José de Ocoa**, A. H. Liogier 14264; **Santo Domingo**, L. C. M. Richard (s. n.); **Valle Nuevo**, A. H. Liogier 17982; **La Vega**, D. H. Norris B7586-A. 1000–3000 m

*Porotrichodendron lindigii* (Hampe) W. R. Buck: **Barahona**, G. Dauphin 4009; **La Estrelleta**, D. H. Norris 6816; **Independencia**, D. H. Norris 6223; **Pedernales**, W. R. Buck 8203, T. A. Zanoni 26743; **San Rafael**, D. H. Norris B6794; **La Vega**, A. J. Shaw 5519. 1000–2000 m

*Porotrichodendron superbum* (Taylor) Broth.: **Independencia**, I. Sastre 3902; **Peravia**, W. R. Buck 8150; **La Vega**, D. H. Norris B5385. 1000–3000 m

*Porotrichum expansum* (T. Taylor) Mitt.: **Pedernales**, W. R. Buck 4499. 300–2000 m

*Porotrichum korthalsianum* (Dozy & Molk.) Mitt.: **Barahona**, I. Sastre 3436e; **Independencia**, W. R. Buck 14594. 1000–2000 m

*Porotrichum lancifrons* (Hampe) Mitt.: **Peravia**, W. R. Buck 8645; **San José de Ocoa**, A. H. Liogier 21534; **La Vega**, W. R. Buck 8060. 1000–3000 m

*Porotrichum longirostre* (Hook.) Mitt.: **Barahona**, I. Sastre 3421; **Independencia**, I. Sastre 3983. 300–3000 m

*Porotrichum mutabile* Hampe: **Barahona**, M. D. Fuertes Lorén 1252; **Bonao**, A. H. Liogier 22853; **Independencia**, D. H. Norris 6569; **Pedernales**, W. D. Reese 14948; **San Juan**, W. R. Buck 14190; **Santiago**, T. A. Zanoni 42472; **La Vega**, T. A. Zanoni 39288. 1000–3000 m

*Porotrichum substriatum* (Hampe) Mitt.: **Barahona**, I. Sastre 3572; **La Estrelleta**, W. D. Reese 15401; **Samaná**, T. A. Zanoni 17667; **La Vega**, H. A. Allard 16683. Sea level–2000 m

*Prionodon densus* (Sw. ex Hedw.) Müll. Hal.: **Azua**, T. A. Zanoni 8272; **La Estrelleta**, G. L. S. Merrill 10255; **Independencia**, D. H. Norris 6393; **Pedernales**; G. L. S. Merrill 10054; **Peravia**, A. J. Shaw 5764; **San Rafael**, D. H. Norris 6881B; **La Vega**, D. H. Norris 7240. 1000–3000 m

†*Pseudo-calliargon trifarium* (F. Weber & D. Mohr) Loeske: **La Vega**, H. von Türckheim 8453. 2000–3000 m

*Pseudocryphaea domingensis* (Spreng.) W.R. Buck: **Dominican Republic**, no collector. 1000–2000 m

*Pseudosymblepharis richardsii* (E. B. Bartram) B. H. Allen: **Puerto Plata**, W. D. Reese 15468; **Santiago**, W. S. Judd 1570. 1000–2000 m

*Pseudosymblepharis schimperiana* (Paris) H. A. Crum: **La Estrelleta**, W. D. Reese 15147; **Independencia**, D. H. Norris 6337; **Pedernales**, T. A. Zanoni 20447H; **Puerto Plata**, W. R. Buck 4926; **Samaná**, T. A. Zanoni 24775F; **La Vega**, D. H. Norris B7357. 300–3000 m

†*Pseudotaxiphyllum distichaceum* (Mitt.) Z. Iwats.: **San Juan-Santiago**, T. A. Zanoni 42050; **La Vega**, A. J. Shaw 5642. 1000–3000 m

*Pseudotrachypus martinicensis* (Broth.) W. R. Buck: **La Vega**, W. R. Buck 7955. 1000–2000 m

*Pterobryon densum* (Schwägr.) Hornsch.: **Barahona**, W. R. Buck 8187; **La Estrelleta**, W. D. Reese 15154; **Independencia**, M. Pérez MP2860; **Pedernales**, W. C. Steere 22937; **San Rafael**, D. H. Norris B6792; **La Vega**, A. J. Shaw 5497. 1000–2000 m

*Pterogonidium pulchellum* (Hook.) Müll. Hal.: **La Altagracia**, W. D. Reese 15575; **Independencia**, M. Pérez MP2708; **El Seibo**, G. C. Jones 1465A; **Samaná**, G. L. S. Merrill 10425b; **La Vega**, H. A. Allard 18336. Sea level–2000 m

†*Ptychomitrium lepidomitrium* (Müll. Hal.) Schimp.: **San Juan**, W. R. Buck 14219; **La Vega**, W. D. Reese 15876. 2000–3098 m

\**Ptychostomum angustifolium* (Brid.) J. R. Spence & H.P. Ramsay: **Independencia**, W. R. Buck 14432. 300–1000 m

*Pyrrhobryum spiniforme* (Hedw.) Mitt.: **Bahoruco**, A. Motito 19053 (BSC); **Barahona**, A. H. Liogier 25132; **Bonao**, A. H. Liogier 14902; **Diego de Ocampo**, J. de Jesús Jiménez Almonte M-51; **Duarte**, M. M. Mejía Pimentel 1864; **Independencia**, D. H. Norris B6510; **Jarabacoa**, A. H. Liogier 15733; **Pacificador**, W. L. Abbott 2059; **Pedernales**, G. L. S. Merrill 10063; **Peravia**, T. A. Zanoni 28258; **Puerto Plata**, A. H. Liogier 11027; **San José de Ocoa**, A. H. Liogier 26048; **Santiago**, T. A. Zanoni 26757; **El Seibo**, G. C. Jones B1411B; **La Vega**, D. H. Norris B7507. 300–2000 m

†*Racomitrium crispulum* (Hook. f. & Wilson) Hook. f. & Wilson: **San Juan**, W. R. Buck 14204; **La Vega**, A. J. Shaw 5624. 1000–3098 m

\**Racomitrium subsecundum* (Hedw.) Brid.: **La Vega**, W. C. Steere 23111. 2000–3000 m

*Racopilum intermedium* Hampe [*Racopilum tomentosum* (Hedw.) Brid.]: **Barahona**, W. S. Judd 1117; **Dajabón**, T. A. Zanoni 17989D; **Independencia**, W. R. Buck 4676; **Pedernales**, W. D. Reese 15003; **Peravia**, T. A. Zanoni 27312; **Puerto Plata**, A. H. Liogier 25607; **San Cristóbal**, A. H. Liogier 11614; **Santiago**, D. H. Norris 4931; **Santo Domingo**, H. A. Allard 16303; **El Seibo**, W. D. Reese 15494; **La Vega**, D. H. Norris B7491. 300–2000 m

†*Rhabdoweisia crispata* (Dicks. ex With.) Lindb.: **La Vega**, W. R. Buck 8088. 2000–3000 m

†*Rhacocarpus purpurascens* (Brid.) Paris: **San Juan**, W. R. Buck 8490; **La Vega**, W. R. Buck 8102. 1000–3000 m

*Rhamphidium dicranoides* (Müll. Hal.) Paris: **La Estrelleta**, W. D. Reese 15333; **San Cristóbal**, W. R. Buck 5195; **La Vega**, A. J. Shaw 5566. 300–2000 m

*Rhaphidostichum acrostegium* (Sull.) W.R. Buck: **Independencia**, D. H. Norris B6187; **La Vega**, D. H. Norris B5301. 1000–2000 m

†*Rhizogonium novae-hollandiae* (Brid.) Brid. [*Rhizogonium lindigii* (Hampe) Mitt.]: **La Vega**, W. R. Buck 8510. 1000–3000 m

*Rhodobryum domingense* (Brid.) Besch.: **Barahona**, A. H. Liogier 26256; **Independencia**, W. D. Reese 15256; **Pedernales**, T. A. Zanoni 16708; **Puerto Plata**, W. R. Buck 4954; **La Vega**, T. A. Zanoni 12963. 300–3000 m

*Rhynchostegiopsis flexuosa* (Sull.) Müll. Hal.: **Barahona**, T. A. Zanoni 25065-B; **La Vega**, H. A. Allard 18753<sup>a</sup>. 1000–3000 m

Rhynchostegiopsis tunguraguana (Mitt.) Broth.: **Barahona**, I. Sastre 3376; **Peravia**, W. C. Steere 23073; **La Vega**, T. A. Zanoni 20893T. 2000–3000 m

Rhynchostegium conchophyllum (Taylor) A. Jaeger: **Independencia**, M. Pérez MP2842; **Pedernales**, W. R. Buck 8199; **Puerto Plata**, W. D. Reese 15481; **San Cristóbal**, T. A. Zanoni 27832; **La Vega**, W. R. Buck 7855. 1000–2000 m

Rhynchostegium robustum W. R. Buck: **Independencia**, W. R. Buck 14512; **Puerto Plata**, W. D. Reese 15469; **Pedernales**, W. R. Buck 4722; **San Juan**, W. R. Buck 14201; **San Rafael**, D. H. Norris 6884; **La Vega**, D. H. Norris 5195. 1000–3000 m

Rhynchostegium serrulatum (Hedw.) A. Jaeger: **Españolito**, E. L. Ekman H14334; **La Estrelleta**, W. R. Buck 4867; **Independencia**, W. R. Buck 4680; **Pedernales**, W. C. Steere 22847; **Peravia**, T. A. Zanoni 30818; **Puerto Plata**, W. R. Buck 4902; **San Cristóbal**, W. D. Reese 15641; **La Vega**, W. C. Steere 23030. Sea level–3000 m

†Rigodium toxarion (Schwägr.) A. Jaeger: **Independencia**, W. R. Buck 4680; **San Juan**, W. R. Buck 14189; **La Vega**, D. H. Norris B5776. 1000–3000 m

Rosulabryum billarderi (Schwägr.) J.R. Spence [formerly Bryum truncorum] : **Independencia**, W. D. Reese 15246; **Pedernales**, W. R. Buck 8284; **Puerto Plata**, W. R. Buck 4923; **San Cristóbal**, W. R. Buck 5161; **El Seibo**, W. De. Reese 15451; **La Vega**, W. D. Reese 15819. 300–3000 m

\*Rosulabryum capillare (Hedw.) J.R. Spence: **Independencia**, I. Sastre 3970; **Peravia**, W. R. Buck 5217; **Puerto Plata**, A. H. Liogier 25594; **Samaná**, T. A. Zanoni 14992; **San Cristóbal**, T. A. Zanoni 14992; **La Vega**, H. A. Allard 176534<sup>a</sup>. Sea level–3000 m

\*Schistidium agassizii Sull. & Lesq.: **La Vega**, D. H. Norris 7346. 2000–3000 m

Schistidium apocarpum (Hedw.) Bruch & Schimp.: **La Vega**, G. L. S. Merrill 10334. 2000–3000 m

Schistidium gracile (Röhl.) Limpr. **La Vega**, W. C. Steere 23102 (MO).

\*Schistidium trichodon (Brid.) Poelt: **San Juan**, W. R. Buck 14177. 2000–3000 m

\*Schlotheimia jamesonii (Arn.) Brid.: **Independencia**, I. Sastre 4054; **Pedernales**, W. D. Reese 14904 (MO); **La Vega**, D. H. Norris 1165D. 300–1000 m

\*Schlotheimia lancifolia E. B. Bartram: **Pedernales**, W. C. Steere 22942; **Peravia**, W. C. Steere 23158A. 1000–3000 m

Schlotheimia rugifolia (Hook.) Schwägr.: **La Estrelleta**, G. L. S. Merrill 10259a; **Pedernales**, W. D. Reese 14904; **Puerto Plata**, W. R. Buck 4908; **La Vega**, D. H. Norris 1172J. 1000–2000 m

Schlotheimia tecta Hook. f. & Wilson: **Independencia**, D. H. Norris B6678; **Peravia**, W. D. Reese 15748; **San José de Ocoa**, A. H. Liogier 24930; **La Vega**, D. H. Norris B5726. 1000–3000 m

Schlotheimia torquata (Hedw.) Brid.: **Barahona**, W. S. Judd 1122; **Pedernales**, R. P. Adams 10922; **Puerto Plata**, W. D. Reese 15435; **La Vega**, H. A. Allard 17545<sup>a</sup>. 1000–2000 m

Schoenobryum concavifolium (Griff.) Gangulee: **Independencia**, W. R. Buck 14517; **Pedernales**, W. R. Buck 9205; **Sánchez Ramírez**, T. A. Zanoni 16097; **Santiago**, E. Marcano s.n.; **La Vega**, W. R. Buck 8514. Sea level–2000 m

*Sematophyllum adnatum* (Michx.) E. Britton: **La Altagracia**, T. A. Zanoni 12082; **Barahona**, W. R. Buck 4258; **Dajabón**, W. D. Reese 15395; **Independencia**, W. D. Reese 15227; **Pedernales**, W. D. Reese 15016; **San Cristóbal**, W. D. Reese 15636; **Santiago**, A. H. Liogier 10987; **Santo Domingo**, H. A. Allard 17181; **El Seibo**, W. D. Reese 15535; **La Vega**, A. H. Liogier 15727. Sea level–3000 m

*Sematophyllum galipense* (Müll. Hal.) Mitt.: **Dajabon**, W. D. Reese 15395 (MO); **La Estrelleta**, W. R. Buck 4853; **Independencia**, M. Pérez MP2961; **Santiago**, J. J. Jiménez 8843; **San Cristóbal**, W. R. Buk 5183; **San Juan**, W. R. Buck 14212; **El Seibo**, W. R. Buck 5023; **La Vega**, H. A. Allard 17597f. 300–3000 m

*Sematophyllum subpinnatum* (Brid.) E. Britton: **Barahona**, S. A. Thompson 10539; **Duarte**, T. A. Zanoni 15504; **Jarabacoa**, H. F. A. von Eggers (sin número de colecta); **Independencia**, M. Pérez MP2649; **Pedernales**, W. C. Steere 22863; **Puerto Plata**, W. D. Reese 15482; **San Cristóbal**, W. D. Reese 15614; **Sánchez Ramírez**, T. A. Zanoni 16096; **Santiago**, R. O. Schuster RD26a; **Santo Domingo**, W. D. Reese 15208; **El Seibo**, D. H. Norris B6956; **La Vega**, H. A. Allard 17163. Sea level–2000 m

*Sematophyllum subsimplex* (Hedw.) Mitt.: **Barahona**, I. Sastre 3457a; **Pedernales**, R. P. Adams 10932A; **Samaná**, W. L. Abbott 261; **San José de Ocoa**, A. H. Liogier 25997; **Santiago Rodríguez**, A. H. Liogier 16318; **La Vega**, A. H. Liogier 25997. Sea level–2000 m

*Sematophyllum swartzii* (Schwägr.) W. H. Welch & H. A. Crum: **Constanza**, A. H. Liogier 17150; **La Estrelleta**, W. D. Reese 15161; **Independencia**, D. H. Norris B6143; **Pedernales**, T. A. Zanoni 16814; **Peravia**, W. R. Buck 8689; **La Vega**, T. A. Zanoni 17566. 1000–3000 m

*Solmsiella biseriata* (Austin) Steere [*Erpodium biseriatum* (Austin) Austin]: **Puerto Plata**, G. C. Jones 1363A; **La Vega**, G. C. Jones 1210F. 300–1000 m

†*Sphagnum limbatum* Mitt.: **Pedernales**, S. A. Thompson 7407; **Peravia**, W. R. Buck 5286; **La Vega**, A. J. Shaw 5713. 1000–3000 m

\**Sphagnum magellanicum* Brid.: **Peravia**, S. A. Thompson 7717; **San Juan**, W. R. Buck 8495; **Santiago**, A. Rodríguez 8905; **San José de Ocoa**, A. H. Liogier 18603<sup>a</sup>; **La Vega**, T. A. Zanoni 20904Q. 1000–3000 m

*Sphagnum meridense* (Hampe) Müll. Hal.: **Independencia**, D. H. Norris B6329; **Monte Cristi**, E. L. Ekman H12872; **Pedernales**, W. R. Buck 4764; **Peravia**, M. M. Mejía Pimentel 23826-B; **La Vega**, W. C. Steere 22761. 1000–3000 m

\**Sphagnum perichaetiale* Hampe: **Peravia**, T. A. Zanoni 12627; **La Vega**, D. H. Norris B7106. 1000–3000 m

\**Sphagnum russowii* Warnst.: **La Vega**, W. C. Steere 22726. 2000–3000 m

\**Sphagnum strictum* Sull.: **La Vega**, W. R. Buck 19162. 1000–2000 m

*Splachnobryum obtusum* (Brid.) Müll. Hal.: **Barahona**, W. R. Buck 4259; **Dajabón**, W. R. Buck 4829; **Independencia**, W. R. Buck 4666; **Samaná**, W. R. Buck 8736; **San Juan**, W. D. Reese 15215; **La Vega**, W. C. Steere 22570. 1000–3000 m

*Squamidium isocladum* (Ren. & Cardot) Broth.: **Independencia**, I. Sastre 3878. 1000–2000 m

*Squamidium leucotrichum* (Taylor) Broth.: **La Estrelleta**, W. R. Buck 4593; **Independencia**, D. H. Norris B6037; **Pedernales**, W. D. Reese 15282; **Peravia**, T. A. Zanoni 28246; **La Vega**, D. H. Norris B7541. 1000–3000 m

*Squamidium livens* (Schwägr.) Broth.: **La Estrelleta**, W. D. Reese 15173; **San Rafael**, D. H. Norris B6810. 1000–2000 m

*Squamidium nigricans* (Hook.) Broth.: **Bahoruco**, W. Bivin (s. n.); **Barahona**, W. C. Steere 22824; **La Estrelleta**, W. D. Reese 15111; **Independencia**, D. H. Norris B6085; **Pedernales**, T. A. Zanoni 26636; **Peravia**, M. Peña Franjul (s. n.); **Puerto Plata**, W. D. Reese 15460; **Santiago**, W. S. Judd 1561; **La Vega**, A. J. Shaw 5561. 1000–2000 m

*Steereobryon subulirostrum* (Schimp. ex Besch.) G. L. S. Merr.: **La Vega**, A. H. Liogier. 11715. 1000–2000 m

*Stenodictyon pallidum* E. Britton ex H. A. Crum & Steere: **San Rafael**, D. H. Norris B6874; **La Vega**, W. R. Buck 7939. 1000–2000 m

*Stereophyllum radiculosum* (Hook.) Mitt.: **La Altagracia**, T. A. Zanoni 17317; **Azua**, J. N. Rose 4488; **Independencia**, W. R. Buck 14449; **Pedernales**, W. D. Reese 15083; **Peravia**, T. A. Zanoni 18166E; **Santo Domingo**, W. R. Buck 4627; **Sánchez Ramírez**, T. Zanoni 16183; **Trujillo**, H. A. Allard 17526<sup>a</sup>. Sea level–1000 m

*Streptopogon calymperes* Müll. Hal.: **Independencia**, D. H. Norris B6425; **Pedernales**, W. R. Buck 4563; **Peravia**, M. M. Mejía Pimentel 18358C; **La Vega**, A. J. Shaw 5581. 1000–2000 m

†*Streptopogon cavifolius* Mitt.: **La Vega**, W. C. Steere 22616. 1000–2000 m

\*†*Streptopogon erythrodontus* (Taylor) Wilson: **Peravia**, T. Zanoni & J. Pimental 29091; **La Vega**, D. H. Norris B5803A. 1000–3000 m

\*†*Symphyodon imbricatifolius* (Mitt.) S. P. Churchill: **Independencia**, D. H. Norris 6691. 1000–2000 m

*Syntrichia fragilis* (Taylor) Ochyra: **La Vega**, H. A. Allard 17611<sup>a</sup>. 1000–3000 m

*Syrrhodon africanus* subsp. *graminicola* (R. S. Williams) W. D. Reese: **La Vega**, H. A. Allard 18899. Sea level–300 m

*Syrrhodon gaudichaudii* Mont.: **Barahona**, W. C. Steere 22807; **La Estrelleta**, W. D. Reese 15314; **Independencia**, W. R. Buck 4708; **Peravia**, W. R. Buck 8697; **Pedernales**, W. R. Buck 4391; **La Vega**, W. R. Buck 14142. 1000–3000 m

*Syrrhodon incompletus* var. *berteroanus* (Brid.) W. D. Reese: **Barahona**, W. R. Buck 8178; **Samaná**, W. L. Abbott 328; **San José de Ocoa**, A. H. Liogier 26021; **Santo Domingo**, E. L. Ekman H12405; **Santiago**, T. A. Zanoni 26742; **El Seibo**, D. H. Norris B6941; **Puerto Plata**, T. A. Zanoni 29888; **La Vega**, H. A. Allard 18794. Sea level–2000 m

*Syrrhodon incompletus* Schwägr. var. *incompletus*: **La Altagracia**, W. D. Reese 15578; **Bahoruco**, A. Motito 19049 (BSC); **Barahona**, M. Fuentes 1249; **Dajabón**, T. A. Zanoni 17920H; **Pedernales**, W. D. Reese 14927; **Puerto Plata**, W. D. Reese 15423; **Samaná**, T. A. Zanoni 17674; **San Cristóbal**, W. R. Buck 5181; **Santo Domingo**, T. A. Zanoni 30703; **El Seibo**, W. R. Buck 5044; **La Vega**, W. C. Steere 23004. Sea level–2000 m

*Syrrhodon ligulatus* Mont.: **La Vega**, H. A. Allard 17156. Sea level–1000 m

*Syrrhodon lycopodioides* (Sw. ex Brid.) Müll. Hal.: **Santo Domingo**, no collector. 1000–2000 m

*Syrrhodon parasiticus* (Sw. ex Brid.) Paris: **La Altagracia**, W. D. Reese 15600; **Barahona**, W. R. Buck 8163; **Pedernales**, W. D. Reese 14939; **El Seibo**, W. D. Reese 15508; **La Vega**, H. A. Allard 17000<sup>a</sup>. 300–2000 m

*Syrrhodon parasiticus* var. *disciformis* Dusén: **La Vega**, H. A. Allard 18974. 1000–2000 m

Syrrhodon prolifer Schwägr.: **Barahona**, W. R. Buck 8175; **Pedernales**, W. R. Buck 4320; **Samaná**, T. A. Zanoni 17709; **Santiago**, W. S. Judd 1544; **Rancho Arriba**, A. H. Liogier 26020; **La Vega**, H. A. Allard 19003<sup>a</sup>. 1000–3000 m

Syrrhodon prolifer var. papillosus (Müll. Hal.) W. D. Reese: **El Seibo**, D. H. Norris B6945; **La Vega**, W. R. Buck 14303. 1000–3000 m

Syrrhodon prolifer var. scaber (Mitt.) Reese: **Barahona**, I. Sastre 3317b; **Independencia**, I. Sastre. 3836. 1000–2000 m

Syrrhodon prolifer var. tenuifolius (Sull.) W. D. Reese: **Barahona**, A. H. Liogier 25124; **Peravia-San Cristóbal**, T. A. Zanoni 22598H; **Santiago**, W. S. Judd 1546; **El Seibo**, D. H. Norris B7005. 1000–2000 m

Taxiphyllum taxirameum (Mitt.) M. Fleisch.: **La Altagracia**, G. C. Jones 1403A; **Barahona**, I. Sastre 3532; **Dajabón**, W. D. Reese 15386; **La Estrelleta**, W. R. Buck 4605; **Independencia**, W. D. Reese 15106; **Santo Domingo**, W. R. Buck 4625; **Pedernales**, W. D. Reese 15073; **San Cristóbal**, W. R. Buck 5197; **Samaná**, W. C. Steere 23193; **Sánchez Ramírez**, T. A. Zanoni 16185; **El Seibo**, N. Taylor 278b; **La Vega**, W. C. Steere 22979. Sea level–2000 m

Taxithelium planum (Brid.) Mitt.: **La Altagracia**, W. R. Buck 5083; **Dajabón**, T. A. Zanoni 17920C; **Duarte**, R. O. Schuster RD28a; **Pedernales**, W. D. Reese 15063; **Samaná**, G. L. S. Merrill 10411; **San Cristóbal**, T. A. Zanoni 16357; **Santo Domingo**, J. N. Rose 4499; **El Seibo**, T. A. Zanoni 12022B; **Trujillo**, H. A. Allard 17244; **La Vega**, H. A. Allard 17317; **Valverde**, R. O. Schuster 26b. Sea level–2000 m

Taxithelium portoricense R. S. Williams: **Samaná**, T. A. Zanoni 19712B; **Trujillo**, H. A. Allard 17273. Sea level–300 m

Thamniopsis incurva (Hornsch.) W. R. Buck: **Santo Domingo**, E. L. Ekman H14344; **La Vega**, H. A. Allard 17884. Sea level–1000 m

Thamniopsis undata (Hedw.) W. R. Buck: **Barahona**, A. H. Liogier 25794; **San Francisco de Macoris**, W. L. Abbott 2136. 1000–2000 m

Thamnobryum fasciculatum (Sw. ex Hedw.) I. Sastre: **Barahona**, I. Sastre 3574; **Independencia**, I. Sastre 4235; **La Vega**, D. H. Norris B5845. 1000–3000 m

†*Thelia hirtella* (Hedw.) Sull.: **Independencia**, W. R. Buck 14424. Sea level–300 m

Thuidium pseudoprotensum (Müll. Hal.) Mitt.: **Bahoruco**, A. Gasbarro B-10583; **Constanza**, A. H. Liogier 24924; **Independencia**, D. H. Norris B5971; **Pedernales**, G. L. S. Merrill 10140; **Peravia**, T. A. Zanoni 12623; **La Rucilla**, A. H. Liogier 25086; **San José de Ocoa**, A. H. Liogier 22311b; **La Vega**, D. H. Norris B7578. 1000–3000 m

Thuidium tomentosum Schimp. ex Besch.: **Barahona**, I. Sastre 3578; **Dajabón**, T. A. Zanoni 17929D; **Pedernales**, W. S. Judd 3042; **San Cristóbal**, T. B. Croat 65869A (MO); **Santiago**, E. J. Valeur 354; **San José de Ocoa**, A. Gasbarro B-10933; **La Vega**, D. H. Norris 5129. Sea level–2000 m

Thuidium urceolatum Lorentz: **Bahoruco**, A. Motito 19062 (BSC); **Barahona**, A. H. Liogier 26177; **La Estrelleta**, G. L. S. Merrill 10249b; **Independencia**, D. H. Norris B6324; **Jaracoba**, B. A. Lavastre 815; **Pedernales**, G. L. S. Merrill 10051; **Peravia**, S. A. Thompson 7716; **Puerto Plata**, A. H. Liogier 15605; **Samaná**, N. Taylor 33; **San Cristóbal**, T. A. Zanoni 27831; **San José de Ocoa**, A. H. Liogier 26043; **Santiago**, W. S. Judd 1579; **Santo Domingo**, H. F. A. von Eggers 2692; **El Seibo**, G. L. S. Merrill 10403; **La Vega**, W. S. Judd 1453. Sea level–2000 m

*Toloxis imponderosa* (T. Taylor) W. R. Buck: **Bahoruco**, A. Motito 19059 (BSC); **Barahona**, I. Sastre 3436b; **La Estrelleta**, W. R. Buck 4854; **Independencia**, D. H. Norris B606; **Pedernales**, W. C. Steere 22887; **Peravia**, T. A. Zanoni 28285; **San Rafael**, D. H. Norris B6841; **La Vega**, D. H. Norris B 7476. 1000–3000 m

*Tortella humilis* (Hedw.) Jenn.: **Independencia**, W. R. Buck 14611; **Pedernales**, W. C. Steere 22934; **Puerto Plata**, W. R. Buck 4950; **La Vega**, A. J. Shaw 5469. 300–2000 m

*Tortella linearis* (Sw. ex F. Weber & D. Mohr) R.H. Zander: **Independencia**, W. D. Reese 15224; **Pedernales**, W. D. Reese 14999; **Santiago**, W. S. Judd 1586. 1000–2000 m

†*Tortella tortuosa* (Hedw.) Limpr.: **Independencia**, I. Sastre 4072; **La Vega**, Walter S. Judd 1292 (MO). 1000–2000 m

*Tortula husnotii* (Schimp. ex Besch.) Broth.: **Santo Domingo**, E. L. Ekman (s. n.).  
Sea level–2000 m

*Trachypus bicolor* var. *viridulus* (Mitt.) Zanten: **Independencia**, T. A. Zanoni 24890-H; **Peravia**, W. R. Buck 8647; **Samaná**, T. A. Zanoni 17662; **San Juan**, W. R. Buck 14185; **San Rafael**, D. H. Norris B6829; **Santo Domingo**, H. A. Allard 16304; **La Vega**, H. A. Allard 17597i. Sea level–3000 m

*Trachyphium guadalupense* (Brid.) W. R. Buck: **Bahoruco**, A. Motito 19063 (BSC); **Barahona**, I. Sastre 3462c; **La Estrelleta**, G. L. S. Merrill 10249a; **Independencia**, D. H. Norris B6526; **La Vega**, A. J. Shaw 5582. 300–2000 m

*Trematodon longicollis* Michx.: **La Vega**, W. R. Buck 8504. Sea level–300 m

*Trichosteleum subdemissum* (Besch.) A. Jaeger: **Samaná**, T. A. Zanoni 30045. Sea level–300 m

*Trichosteleum vincentinum* (Mitt.) A. Jaeger: **San Cristóbal**, W. R. Buck 5167. 1000–2000 m

*Trichostomum brachydontium* Bruch: **Monte Cristi**, W. D. Reese 15417; **Pedernales**, W. C. Steere 22880; **Santiago**, W. S. Judd 1367; **Santiago Rodríguez**, T. A. Zanoni 25997; **La Vega**, W. R. Buck 8607. Sea level–3000 m

*Trichostomum involutum* Sull.: **Barahona**, G. L. S. Merrill 10022; **Samaná**, R. O. Schuster RD7; **La Vega**, T. A. Zanoni 16453. 2000–3000 m

*Trichostomum portoricense* H. A. Crum & Steere: **Independencia**, W. D. Reese 15093; **Pedernales**, W. D. Reese 14949. 300–2000 m

*Trichostomum sublamprothecium* Paris: **Independencia**, W. R. Buck 4709; **Pedernales**, W. D. Reese 15024. 1000–2000 m

*Trichostomum tenuirostre* (Hook. & Taylor) Lindb.: **La Estrelleta**, W. R. Buck 4780; **Independencia**, D. H. Norris 6192; **Pedernales**, W. C. Steere 22920; **Peravia**, W. C. Steere 23080; **San Juan**, W. R. Buck 8387; **La Vega**, W. R. Buck 5398. 1000–3098 m

\**Vesicularia vesicularis* var. *crassicaulis* (Mitt.) W. R. Buck: **El Seibo**, W. D. Reese 15093.  
Sea level–300 m

*Vesicularia vesicularis* var. *portoricensis* (Brid.) W. R. Buck: **La Estrelleta**, W. R. Buck 4849; **Independencia**, I. Sastre 3832; **Pedernales**, W. D. Reese 15075; **Santo Domingo**, W. R. Buck 4651; **La Vega**, H. A. Allard 18383. Sea level–2000 m

*Vesicularia vesicularis* var. *rutilans* (Brid.) W. R. Buck: **Pedernales**, W. D. Reese 15038; **Puerto Plata**, T. A. Zanoni 29942; **Samaná**, W. R. Buck 8724; **San Cristóbal**, W. R. Buck 5200; **Santiago**, P. Liogier 10995; **Santo Domingo**, W. R. Buck 5204; **Sánchez Ramírez**, M. M. Mejía Pimentel 10478; **El Seibo**, T. A. Zanoni 15991; **La Vega**, W. C. Steere 22997. Sea level–2000 m

*Vesicularia vesicularis* var. *vesicularis* (Schwägr.) Broth.: **Barahona**, G. Dauphin 3971; **Independencia**, M. Pérez MP3151; **Samaná**, G. L. S. Merrill 10416a; **Santo Domingo**, W. D. Reese 15657; **La Vega**, H. A. Allard 16901. 300–1000 m

\**Weissia breutelii* Müll. Hal.: **La Altagracia**, M. M. Mejía Pimentel 10723; **Independencia**, M. Pérez MP2699; **Pedernales**, W. R. Buck 4261; **Santiago**, W. S. Judd 1372; **La Vega**, W. C. Steere 23026. Sea level–1000 m

*Weissia controversa* Hedw.: **Independencia**, W. D. Reese 15218; **Monte Cristi**, W. R. Buck 4888; **Pedernales**, G. L. S. Merrill 10052; **Peravia**, M. M. Mejía Pimentel 13244; **La Vega**, A. J. Shaw 5483. Sea level–2000 m

*Weissia jamaicensis* (Mitt.) Grout: **La Altagracia**, T. A. Zanoni 15279; **Barahona**, T. A. Zanoni 30515; **Dajabón**, W. D. Reese 15297; **La Estrelleta**, W. D. Reese 15121; **Independencia**, W. D. Reese 15090; **Pedernales**, W. D. Reese 15215a; **Peravia**, M. M. Mejía Pimentel 13167; **Puerto Plata**, W. D. Reese 15473; **Samaná**, T. A. Zanoni 19712A; **San Cristóbal**, T. A. Zanoni 16261; **Santo Domingo**, W. R. Buck 4648; **San Rafael**, D. H. Norris B6462; **La Vega**, A. J. Shaw 5532. Sea level–3000 m

*Weissia veviridis* R. H. Zander: **Pedernales**, W. D. Reese 15266. 1000–2000 m

*Wijkia flagellifera* (Broth.) H. A. Crum: **Barahona**, W. R. Buck 8172; **Independencia**, W. R. Buck 8172; **Peravia**, T. A. Zanoni 27415; **Puerto Plata**, W. R. Buck 4893; **San Juan**, W. R. Buck 14298 (MO); **La Vega**, D. H. Norris 5078. 1000–2000 m

*Zelometeorium patulum* (Hedw.) Manuel: **Barahona**, T. A. Zanoni 25186-N; **Independencia**, D. H. Norris B5969; **Pedernales**, W. Bivin (s. n.); **Puerto Plata**, T. A. Zanoni 28147; **Santo Domingo**, A. H. Liogier 23044; **San Rafael**, D. H. Norris 6351; **El Seibo**, D. H. Norris B7014; **Trujillo**, H. A. Allard B6351; **La Vega**, D. H. Norris B5305. Sea level–2000 m

*Zygodon campylophyllus* Müll. Hal.: **Independencia**, D. H. Norris 6351; **San Juan**, W. R. Buck 14188; **La Vega**, G. L. S. Merrill 10326. 1000–3098 m

\*†*Zygodon liebmannii* Schimp.: **La Vega**, G. C. Jones 1089L. 1000–3000 m

*Zygodon reinwardtii* (Hornsch.) A. Braun: **Independencia**, D. H. Norris B6598; **Peravia**, W. D. Reese 15752; **San Juan**, W. R. Buck 8491; **La Vega**, A. J. Shaw 5697. 1000–3098 m

†*Zygodon viridissimus* (Dicks.) Brid.: **Independencia**, D. H. Norris B60153; **Pedernales**, W. D. Reese 14901; **Peravia**, W. D. Reese 15738; **La Vega**, W. C. Steere 23107. 1000–3000 m