

A decade of neotropical exsiccates

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Abstract. A list is provided of 263 neotropical species of bryophytes (141 mosses, 122 hepatics) distributed in *Bryophyta Neotropica Exsiccata*, Fascicles I-VI (1984-1992).

During the past ten years I have distributed exsiccates of miscellaneous species of mosses and hepatics from Tropical America, in the series *Bryophyta Neotropica Exsiccata* (Gradstein 1984, 1986, 1988, 1989, 1990, 1992). The primary purpose of this series has been to present to other herbaria, especially those in the Neotropics, a selection of carefully-identified bryophyte species from different parts and environments of this part of the world. By doing so, it was hoped that the series would help increasing interest in and knowledge of neotropical bryophytes.

Bryophyta Neotropica Exsiccata appear biennially in fascicles of 50 specimens; for each specimen 50 duplicates are being prepared. Thus far 300 numbers (in six fascicles) have been distributed, including 263 species: 141 mosses and 122 hepatics. Sets are being sent to the following institutional herbaria: ALTA, B, BA, CANM, CAY, COL, COLO, DUIS, DUKE, E, EGR, F, FLAS, G, H, HUA, ICN, IBSD, KRAM,

L, LAF, LPB, MEXU, MG, MHA, MICH, MO, NICH, NY, PMA, PRC, QCA, SP, TNS, UBC, USJ, W, XAL.

The exsiccates are being made available by the Cryptogamic Herbarium of the University of Utrecht on an exchange basis. Contributions to the series, or an equivalent number of duplicates of exotic (tropical or southern hemispheric) bryophytes, may be sent in return. Contributed species are particularly welcome; they should be sufficiently large to allow for making 50 duplicates. A few sets of *Bryophyta Neotropica Exsiccata* are still available. Curators of herbaria interested to receive the series on one of the above conditions should write to the author.

Material is now being accumulated for future fascicles and it is hoped to publish Fascicle VII in the course of 1994. Species distributed in Fascicles I-VI are listed below.

Alphabetical list of distributed species

(exsiccate number in brackets)

MUSCI

- Acroporium pungens* (Hedw.) Broth. - Guyana (51)
- Anacolia intertexta* (Schimp.) Jaeg. - Mexico (151)
- Andreaea nitida* Hook. & Wils. - Bolivia (152)
- A. wilsonii* Hook. - Ecuador (1)
- Barbella tenuissima* (Hook. & Wils.) Fleisch. - Bolivia (251), Peru (2)
- Bartramia austro-americana* (C.M.) Par. - Bolivia (154)
- B. polytrichoides* C.Müll. - Bolivia (153)
- B. potosica* Mont. - Bolivia (101, 252)
- Breutelia allionii* Broth. - Colombia (102)
- B. integrifolia* (Tayl.) Jaeg. - Colombia (103)
- B. subtomentosa* (Hampe) Jaeg. - Brazil (253)
- Bryoerythrophyllum jamesonii* (Tayl.) Crum - Ecuador (155)
- Bryohumbertia filifolia* (Hornschr.) Frahm - Colombia (254)
- Bryum algovicum* Sendtn. ex C.Müll Bolivia (255)
- B. alpinum* Huds. ex With. - Colombia (256)
- B. beyrichianum* (Hornschr.) C.Müll. - Colombia (257)
- Calymperes lonchophyllum* Schwaegr. - Guyana (52)
- C. nicaraguense* Ren. & Card. - Suriname (53)
- C. palisotii* Schaeogr. var. *richardii* (C.Müll.) Edwards - French Guyana (54)
- Campylopus albividrens* Herz. - Bolivia (201)
- C. anderssonii* (C.Müll.) Jaeg. - Ecuador (3)
- C. cavidolius* Mitt. - Colombia (55, 104)
- C. cubensis* Sull. - Guyana (105)
- C. galapagensis* Frahm & Sipman - Ecuador (4, 5)
- C. griseus* (Hornschr.) Mitt. - Brazil (106)
- C. ingeniensis* Williams - Bolivia (203)
- C. jamesonii* (Hook.) Jaeg. - Bolivia (202), Costa Rica (107)
- C. richardii* Brid. - Colombia (108), Ecuador (109)
- C. savannarum* (C.Müll.) Mitt. - Suriname (6)
- C. subcuspidatus* (Hampe) Jaeg. - Guyana (56)
- C. surinamensis* C.Müll. - Guyana (57)

- Catagonium emarginatum* Lin - Brazil (204)
- C. politum* (Hook. & Wils.) Broth. - Colombia (58)
- Chenia rhizophylla* (Sak.) Zander - Brazil (258)
- Chorisodontium mittenii* (C.Müll.) Broth. - Ecuador (156)
- Conostomum pentastichum* (Brid.) Lindb. - Peru (110)
- Ctenidium malacodes* Mitt. - Brazil (205)
- Dendrocryphaea latifolia* Griffin et al. - Colombia (59)
- Dicranoloma billardieri* (Brid.) Par. - Brazil (259)
 - This species is a synonym of *Dicranum frigidum* C.Müll.
- D. frigidum* C.Müll. - Bolivia (206)
- Diplostichum longirostre* (Brid.) Brid. - Colombia (260)
- Distichium capillaceum* (Hedw.) B.S.G. - Peru (7)
- Ditrichum submersum* Herz. - Bolivia (157)
- Drepanocladus exannulatus* (Schimp.) Warnst. - Ecuador (207)
- D. longifolius* (Mitt.) Broth. - Bolivia (158)
- Encalypta raptocarpa* Schwaegr. - Bolivia (159)
- Entodon beyrichii* (Schwaegr.) C.Müll. - Mexico (60)
- Epipterygium wrightii* (Sull.) Lindb. - Puerto Rico (261)
- Erpodium glazioui* Hampe - Brazil (262)
- Eustichia spruceana* (C.Müll.) Par. - Ecuador (160)
- Felipponea montevidensis* (C.Müll.) Broth. - Brazil (8)
- Fissidens aspleniooides* Hedw. - Ecuador (9)
- F. guianensis* Mont. var. *pacaas-novosensis* Pursell & Reese - Brazil (263)
- F. polypodioides* Hedw. - Puerto Rico (208)
- F. repandus* Wils. - Peru (209)
- Fontinalis bogotensis* Hampe - Colombia (111)
- Groutiella husnotii* (Schimp.) Crum & Steere - Dominica (112)
- Hedwigidium integrifolium* (P.Beauv.) Dix. - Ecuador (113)
- Helicophyllum torquatum* (Hook.) Brid. - Brazil (265)
- Hemiragis aurea* (Brid.) Ren. & Card. - Puerto Rico (266)
- Heterophyllum affine* (Hook. ex Kunth) Fleisch. - Colombia (61)

- Hookeriopsis parkeriana* (Hook. & Grev.) Jaeg. - Guyana (114)
- Hylocomium brevirostre* (Brid.) B.S.G. - Costa Rica (115)
- Hymenostylium recurvirostrum* (Hedw.) Dix. - Colombia (161)
- Hyophila involuta* (Hook.) Jaeg. & Sauerb. - French Guyana (116)
- Hypnum amabile* (Mitt.) Hampe - Bolivia (210)
- H. cypressiforme* Hedw. var. *lacunosum* Brid. - Bolivia (162)
- Hypopterygium tamariscinum* (Hedw.) Brid. - Brazil (163)
- Itatiella ulei* (Broth. ex C.Müll.) Smith - Brazil (62, 211)
- Leiomela bartramoides* (Hook.) Par. - Peru (10, 117)
- Leptodontium pungens* (Mitt.) Kindb. - Ecuador (164)
- L. syntrichoides* (C.Müll.) Kindb. - Peru (165)
- L. tricolor* (Williams) Zander - Bolivia (166)
- L. viticulosoides* (P.Beauv.) Wijk & Marg. - Peru (11)
- L. wallisii* (C.Müll.) Kindb. - Peru (12)
- Lepyrodon tomentosus* (Hook.) Mitt. - Colombia (13, 118)
- Leucobryum crispum* C.Müll. - Dominica (14)
- L. martianum* (Hornschr.) Hampe - French Guiana (119)
- Macromitrium stellatum* (Hornschr.) Brid. - Peru (212)
- Meesia longiseta* Hedw. - Colombia (213)
- Microcampylopus curvisetus* (Hampe) Giese & Frahm - Peru (15)
- Mittenothamnium reptans* (Hedw.) Card. - Bolivia (214)
- Mniomalia viridis* (Mitt.) C.Müll. - Suriname (63)
- Molendoa sendtneriana* (B.S.G.) - Bolivia (267), Peru (167)
- Neckera andina* Mitt. - Peru (120)
- N. ehrenbergii* C.Müll. - Mexico (121)
- Octoblepharum albidum* Hedw. - Ecuador (215)
- Orthostichidium guyanense* (Mont.) Broth. - Peru (16)
- Orthostichopsis tetragona* (Hedw.) Broth. - Brazil (216), Suriname (17)
- Orthotrichum rupestre* Schwaegr. - Bolivia (168)
- Papillaria imponderosa* (Tayl.) Broth. - Peru (18)
- P. nigrescens* (Hedw.) Jaeg. - Peru (19)
- Paraleucobryum enerve* (Thed.) Loeske - Mexico (122)
- Philonotis andina* (Mitt.) Jaeg. - Bolivia (169)
- P. uncinata* (Schaegr.) Brid. - Bolivia (170)
- Phyllobryum falcifolium* (Schaegr.) Crosby - French Guiana (64)
- Phyllogonium fulgens* (Hedw.) Brid. - Colombia (123)
- P. viscosum* (P.Beauv.) Mitt. - Colombia (65)
- Pilopogon gracilis* (Hook.) Brid. - Brazil (21), Colombia (20)
- Pilosium chlorophyllum* (Hornschr.) C.Müll. - Suriname (66, 124, 217)
- Pilotrichella pentasticha* (Brid.) Wijk & Marg. - Brazil (218), Peru (67)
- Plagiommium rhynchophorum* (Hook.) T.Kop. - Colombia (22)
- Plagiothecium novo-granatense* (Hampe) Mitt. - Brazil (268)
- Polytrichum juniperinum* Hedw. - Colombia (125)
- Porotrichodendron superbum* (Tayl.) Broth. - Bolivia (269)
- Prionodon densus* (Hedw.) C.Müll. - Mexico (68, 126), Peru (23)
- P. fusco-lutescens* Hampe - Colombia (24, 270)
- Pterobryum densum* (Schwaegr.) Hornsch. - Brazil (219)
- Ptychomitrium sellowianum* (C.Müll.) Jaeg. - Brazil (171)
- Puiggariella aurifolia* (Mitt.) Broth. - Brazil (271)
- Racopilum intermedium* Hampe - Bolivia (270)
- R. tomentosum* (Hedw.) Brid. - Colombia (69)
- Rhacocarpus purpurascens* (Brid.) Par. - Brazil (25)
- Rhacomitrium lanuginosum* (Hedw.) Brid. - Colombia (127)
- Rhexophyllum subnigrum* (Mitt.) Thér. ex Hilp. - Mexico (221)
- Rhizogonium spiniforme* (Hedw.) Bruch - Brazil (26)
- Rhodobryum grandifolium* (Tayl.) C.Müll. - Ecuador (172)
- Rhynchosstegium ripariooides* (Hedw.) Card. - Colombia (70)
- Rhytidium rugosum* (Hedw.) Kindb. - Mexico (71)
- Schlottheimia jamesonii* (Arnott) Brid. - Brazil (222)

- Scopelophila ligulata* (Spruce) Spruce - Peru (72)
Scorpidium turgencens (T.Jens.) Loeske - Bolivia (173)
Sematophyllum galipense (C.Müll.) Mitt. - Brazil (128)
S. subsimplex (Hedw.) Mitt. - French Guiana (223)
Sphagnum cyclophyllum Sull. & Lesq. - Colombia (27)
S. meridense (Hampe) C.Müll. - Mexico (224)
S. oxyphyllum Warnst. - Colombia (28)
S. portoricense Hampe - Puerto Rico (272)
Spiridentopsis longissima (Raddi) Broth. - Brazil (73)
Squamidium leucotrichum (Tayl.) Broth. - Guyana (129)
Stereophyllum obtusum Mitt. - Suriname (74)
Streptopogon calymperes C.Müll. ex Geh. - Brazil (273)
Symblepharis helicophylla Mont. - Peru (274)
Syntrichia ruralis (Hedw.) Web. & Mohr - Bolivia (275)
Syrrhopodon gaudichaudii Mont. - Ecuador (29)
S. rigidus Hook. & Grev. - Dominica (30)
Tayloria magellanica (Brid.) Mitt. - Colombia (75)
Tortula andicola Mont. - Bolivia (174)
Trichosteleum papillosum (Hornschr.) Jaeg. - Guyana (225)
Trichostomum brachydontium Bruch - Colombia (175)
Zelometeoriumpatulum (Hedw.) Manuel - Guyana (130)

HEPATICAE & ANTHOCEROTAE

- Acrolejeunea emergens* (Mitt.) Steph. - French Guiana (131)
Adelanthus crossii Spruce - Colombia (76)
A. decipiens (Hook.) Mitt. - Ecuador (31)
A. pittieri (Steph.) Grolle - Colombia (77)
Alobiellopsis dominicensis (Spruce) Fulf. - Guadeloupe (176)
Anastrophyllum nigrescens (Mitt.) Steph. - Colombia (32)
A. stellatum Schust. - Colombia (78)
Andrewsianthus jamesonii (Spruce) Vána - Colombia (177)
Anomoclada mucosa Spruce - Guyana (79)

- The correct name of this species is *Anomoclada portoricensis* (Hampe & Gott.) Vána
Arachniopsis diacantha (Mitt.) Howe - Guyana (132)
Archilejeunea fuscescens (Hampe ex Lehm.) Fulf. - Brazil (80), Guyana (81)
Balantiopsis brasiliensis Steph. - Brazil (226)
Bazzania cubensis (Gott.) Pagán - Cuba (133)
B. gracilis (Hampe & Gott.) Steph. - Guyana (134)
B. hookeri (Lindenb.) Trevis. - Bolivia (277), Panama (276)
B. robusta Spruce - Panama (278)
B. teretiuscula (Lindenb. & Gott.) Trevis. - Ecuador (227)
Blepharolejeunea incongrua (Lindenb. & Gott.) van Slag. - Ecuador (135)
Brachiolejeunea laxifolia (Tayl.) Schiffn. - Bolivia (228)
Bryopteris diffusa (Sw.) Nees - Brazil (178)
B. filicina (Sw.) Nees - Dominican Republic (229)
B. liebmanniana (Lindenb. & Gott.) Schiffn. - Ecuador (33)
The correct name of this species is *B. filicina* (Sw.) Nees
Calypogeia grandistipula (Steph.) Steph. - Brazil (279)
C. laxa Gott. & Lindenb. - Puerto Rico (179)
C. miquelii Mont. - French Guiana (180)
C. venezuelana Fulf. - Cuba (34)
Cephaloziella granatensis (Jack) Fulf. - Colombia (230)
Cephaloziopsis intertexta (Gott.) Schust. - Bolivia (231)
Ceratolejeunea cornuta (Lindenb.) Schiffn. - French Guiana (232)
C. fastigiata (Spruce) Steph. - Bolivia (233)
C. maritima (Spruce) Steph. - Panama (280)
Chaetocolea palmata Spruce - Peru (82)
Cheilolejeunea acutangula (Nees) Grolle - Brazil (281)
C. rigidula (Mont.) Schust. - Panama (282)
C. trifaria (Reinw. et al.) Mizut. - French Guiana (234)
Chonecolea doellingeri (Nes) Grolle - Brazil (181)
Cololejeunea subcardiocarpa Tixier - Brazil (182)
C. submarginata Tixier - Costa Rica (283)

- Colura tenuicornis* (Evans) Steph. - Brazil (284)
- C. torifolia* (Nees & Mont.) Trevis. - Brazil (285)
- Cryptochila grandiflora* (Lindenb. & Gott.) Grolle - Bolivia (235), Colombia (83)
- Cyclolejeunea convexistipa* (Lehm. & Lindenb.) Evans - Brazil (136)
- Dicranolejeunea axillaris* (Nees & Mont.) Schiffn. - Colombia (35), Guadeloupe (183)
- Diplasiolejeunea brunnea* Steph. - Cuba (36)
- Frullania atrata* (Sw.) Nees - Ecuador (286)
- F. brasiliensis* Raddi - Bolivia (236, 237)
- F. gibbosa* Nees - Colombia (84)
- F. nodulosa* (Reinw. et al.) Nees - Brazil (287)
- F. peruviana* Gott. - Colombia (85)
- F. riojanensis* Raddi - Guyana (137)
- F. tetraptera* Nees & Mont. - Ecuador (184)
- Frullanoides corticalis* (Lehm. & Lindenb.) van Slag. - French Guiana (138)
- F. densifolia* Raddi - Bolivia (238), Colombia (139)
- Gymnomitrium setaceum* Grolle & Vána - Colombia (37)
- Harpalejeunea tridens* (Besch. & Spruce) Steph. - Guadeloupe (185)
- Herbertus divergens* (Steph.) Herz. - Ecuador (239), Panama (288)
- H. grossispinus* (Steph.) Fulf. - Ecuador (186)
- H. juniperoides* (Sw.) Grolle - Peru (38)
- H. pensilis* (Tayl.) Spruce - Ecuador (240), Guyana (187)
- H. subdentatus* (Steph.) Fulf. - Colombia (86)
- Isotachis lacustris* Herz. - Ecuador (188)
- I. serrulata* (Sw.) Gott. - Bolivia (241, 289)
- Jamesoniella autumnalis* (DC.) Steph. - Colombia (87)
- J. rubricaulis* (Nees) Grolle - Costa Rica (242), Peru (39)
- Jungermannia callithrix* Lindenb. & Gott. - Dominica (189)
- J. ovato-trigona* (Steph.) Grolle - Colombia (88)
- Kurzia capillaris* (Sw.) Grolle - Guadeloupe (190)
- Kymatocalyx dominicensis* (Spruce) Vána - Dominica (191)
- Lejeunea laetevirens* Nees & Mont. - French Guiana (89)
- Lepidozia coiophylla* Tayl. - Guyana (140)
- L. cypressina* (Sw.) Lindenb. - Costa Rica (243)
- L. incurvata* Lindenb. - Colombia (90)
- Leptolejeunea elliptica* (Lehm. & Lindenb.) Schiffn. - French Guiana (192, 193)
- Leptoscyphus cleefii* Fulf. - Colombia (40)
- L. cuneifolius* (Hook.) Mitt. subsp. *fragilis* (Jack & Steph.) Grolle - Colombia (290)
- L. jackii* Steph. - Colombia (142)
- Lindigianthus cipaconeus* (Gott.) Kruijt & Gradst. - Colombia (194)
- Lophocolea martiana* Nees - French Guiana (141)
- Lophozia laxifolia* (Mont.) Grolle - Colombia (91)
- Macrolejeunea lancifolia* (Steph.) Herz. - Colombia (244)
- M. pallescens* (Mitt.) Steph. - Colombia (291)
- Marchesinia brachiata* (Sw.) Schiffn. - Colombia (143), Ecuador (41)
- Mastigolejeunea auriculata* (Wils.) Schiffn. - Virgin Islands (245)
- Metzgeria australis* Steph. - French Guiana (292)
- M. grandiflora* Evans - Ecuador (42)
- M. leptoneura* Spruce - Colombia (293)
- M. myriopoda* Lindb. - Bolivia (294), Peru (144)
- Microlejeunea capillaris* (Gott.) Steph. - Guyana (295)
- Micropterygium trachyphyllum* Reimers - Guyana (145, 246)
- Mytilopsis albifrons* Spruce - Guyana (146)
- Nardia succulenta* (Rich. ex Lehm.) Spruce - Colombia (43, 92)
- Neurolejeunea breutelii* (Gott.) Schiffn. - Cuba (44)
- Odontolejeunea decemdentata* (Spruce) Steph. - Bolivia (247)
- O. lunulata* (Web.) Schiffn. - Brazil (296), Guyana (147)
- O. rhomalea* (Spruce) Steph. - French Guiana (148)
- Omphalanthus filiformis* (Sw.) Nees - Guadeloupe (195)
- O. jackii* (Steph.) Gradst. - Ecuador (45, 248)
- O. paramicola* (Herz.) Gradst. - Colombia (149)
- Paracromastigum bifidum* (Steph.) Schust. - Colombia (196)
- Phaeoceros fimbriatus* (Gott.) Gradst. - Ecuador (297)
- Plagiochila demissa* Gott. - Cuba (93)
- P. dependula* Tayl. - Colombia (46)
- P. depressa* Spruce - Guyana (197)
- P. disticha* (Lehm. & Lindenb.) Mont. - Panama

- (298)
- P. gradsteinii* Inoue - Ecuador (94)
P. guevarii Robins. - Colombia (299)
P. guilleminiana Nees & Mont. - Ecuador (47, 95)
P. jelskii Loitl. - Colombia (96)
The correct name of this species is *P. fusco-lutea* Tayl.
P. kegeliana Steph. - French Guiana (198)
P. longispina Lindenb. & Gott. - Colombia (97)
P. micropterys Gott. - Guyana (199)
P. pichinchensis Tayl. - Colombia (98)
Porella brachiata (Tayl.) Spruce - Bolivia (249)
Pycnolejeunea decurvirostra Steph. - Guyana (200)
Radula caldana Aongstr. - Guyana (250)
R. episcia Spruce - Ecuador (99)
Rectolejeunea beteroana (Gott. ex Steph.) Evans - Brazil (300)
Stephaniella paraphyllina Jack - Ecuador (48)
Syzygiella macrocalyx (Mont.) Spruce - Cuba (49)
Telaranea nematodes (Gott. ex Aust.) Howe - Peru (100)
Thysananthus amazonicus (Spruce) Schiffn. - Guyana (150)
Triandrophymnum subtrifidum (Hook. & Tayl.) Fulf. & Hatch. - Ecuador (50)

Distributed species listed by country of origin

(species to be included in future fascicles in brackets)

BOLIVIA

collectors: M. Lewis, S.R. Gradstein.

Mosses: (*Amphidium cyathicarpum*), *Andreaea nitida*, *Barbella tenuissima*, *Bartramia austro-americana*, *B. polytrichoides*, *B. potosiaca*, (*Breutelia integrifolia*), *Bryum algovicum*, *Campylopus albodovirens*, *C. ingenicensis*, *C. jamesonii*, (*C. pittieri*), (*Cryphaea apiculata*), *Dicranum frigidum*, *Ditrichum submersum*, *Drepanocladus longifolius*, *Encalypta rhaftocarpa*, (*Grimmia trichophylla*), *Hypnum amabile*, *H. cupressiforme*, (*Leptodontium planifolium*), (*L. pungens*), *L. tricolor*, (*L. wallisii*), *Mittenothamnium reptans*, *Molendoa sendtneriana*, *Orthotrichum rupestre*, *Philonotis andina*, *P. uncinata*, (*Prionodon densus*), *Racopilum intermedium*, *Porotrichodendron superbum*, (*Schizymenium campylocarpum*), *Scorpidium turgescens*, *Syntrichia ruralis*, *Tortula andicola*.

Hepatics: *Bazzania hookeri*, *Brachiolejeunea laxifolia*, (*Bryopteris filicina*), *Cephaloziopsis intertexta*, *Ceratolejeunea fastigiata*, *Cryptochila grandiflora*, *Frullania brasiliensis*, *Frullanoides densifolia*, *Isotachis serrulata*, *Metzgeria myriopoda*, *Odontolejeunea decendentata*.

BRAZIL

collectors: A. Schäfer-Verwimp, J.-P. Frahm, D. Vital, W.R. Buck.

Mosses: *Breutelia subtomentosa*, *Campylopus griseus*, *Chenia rhizophylla*, *Catagonium emarginatum*, (*C. brevicaudatum*), *Ctenidium malacodes*, *Dicranoloma billardieri*, *Erpodium glazioui*, *Felipponea montevidensis*, *Fissidens guianensis*, *Helicophyllum torqueatum*, (*Hymenostylium recurvirostre*), *Hypopterygium tamariscinum*, *Itatiella ulei*, *Orthostichopsis tetragona*, *Pilotrichella pentasticha*, *Plagiothecium novo-granatense*, (*Prionodon densus*), *Pterobryum densum*, *Ptychomitrium sellowianum*, *Puiggariella aurifolium*, *Rhacocarpus purpurascens*, *Rhizogonium spiniforme*, *Schlotheimia jamesonii*, *Sematophyllum galicense*, *Spiridentopsis longissima*, *Streptopogon calymperes*, (*Sympyodon machrisianus*).

Hepatics: (*Anastrophyllum tubulosum*), *Archilejeunea fuscescens*, *Balantiopsis brasiliensis*, *Bryopteris diffusa*, (*B. filicina*), *Calypogeia grandistipula*, *Cheilolejeunea acutangula*, *Chonecolea doellingeri*, *Cololejeunea subcardiocarpa*, *Colura tenuicornis*, *C. tortifolia*, *Cyclolejeunea convexistipa*, *Frullania nodulosa*, (*Micropterygium pterygophyllum*), (*Lejeunea cardotii*), *Odontolejeunea lunulata*, (*Odontoschisma denudatum*), *Rectolejeunea berteroana*.

COLOMBIA

collectors: A.M. Cleef, S.P. Churchill, S.R. Gradstein, J. Aguirre C., E. Linares, G.B.A. van Reenen, P.A. Florschütz.

Mosses: (*Andreaea rupestris*), (*Aongstroemia*

filiformis), *Breutelia allionii*, *B. integrifolia*, *Bryohumbertia filifolia*, *Bryum alpinum*, *B. beyrichianum*, *Campylopus cavifolius*, *Campylopus richardii*, *Catagonium politum*, *Dendrocryphaea latifolia*, *Diplostichum longirostre*, (*Entosthodon lindigii*), *Fontinalis bogotensis*, (*Grimmia longirostris*), *Heterophyllum affine*, *Hymenostylium recurvirostrum*, (*Hypnella diversifolia*), *Lepyrodon tomentosus*, *Meesia longisetata*, (*Neckera spruceana*), (*Orthodicranum flagellare*), *Phyllogonium fulgens*, *P. viscosum*, *Pilopogon gracilis*, *Plagiomnium rhynchophorum*, *Polytrichum juniperinum*, *Prionodon fuscolutescens*, *Racopilum tomentosum*, *Rhacomitrium lanuginosum*, (*Pterobryum densum*), *Rhynchosstegium riparioides*, *Sphagnum cyclophyllum*, *S. oxyphyllum*, (*S. sparsum*), *Tayloria magellanica*, (*Trachyphyllum tenue*), *Trichostomum brachydontium*.

Hepatics: *Adelanthus crossii*, *A. pittieri*, *Anastrophyllum nigrescens*, *A. stellatum*, *Andrewsianthus jamesonii*, *Aureolejeunea paramicola*, (*Calypogeia caespitosa*), *Cephaloziella granatensis*, *Cryptochila grandiflora*, *Dicranolejeunea axillaris*, *Frullania gibbosa*, *F. peruviana*, *Frullanoides densifolia*, *Gymnomitrium setaceum*, *Herbertus subdennatus*, *Jamesoniella autumnalis*, *Jungermannia oavato-trigona*, *Lepidozia incurvata*, *Leptoscyphus cleefii*, *L. cuneifolius*, *L. jackii*, *Lindigianthus cipaconeus*, *Lophozia laxifolia*, (*Luteolejeunea herzogii*), *Macrolejeunea lancifolia*, *M. pallescens*, *Marchesinia brachiata*, *M. leptoneura*, *Nardia succulenta*, *Paracromastigum bifidum*, *Plagiochila dependula*, *P. fuscolutea*, *P. guevarii*, *P. longispina*, *P. pichinchensis* (*P. pachyloma*), (*P. rufischusteri*), (*Telaranea nematodes*).

COSTA RICA

collectors: M. Bosa, R. Liesner, R. Menjívar.
Mosses: *Campylopus jamesonii*, *Hylocomium brevirostre*.
Hepatics: *Cololejeunea submarginata*, *Jamesoniella rubricaulis*, *Lepidozia cupressina*.

CUBA

collectors: T. Pócs, D. Reyes.
Hepatics: *Bazzania cubensis*, *Calypogeia vene-*

zuelana, *Diplasiolejeunea brunnea*, *Neurolejeunea breutelii*, *Plagiochila demissa*, *Syzygiella macrocalyx*.

DOMINICA

collectors: E. Hegewald, S.R. Gradstein.
Mosses: *Groutiella husnotii*, *Leucobryum crispum*, *Syrrhopodon rigidus*.
Hepatics: *Jungermannia callithrix*, *Kymatocalyx dominicensis*.

DOMINICAN REPUBLIC

collector: W.R. Buck.
Hepatics: *Bryopteris filicina*.

ECUADOR (incl. Galapagos Islands)

collectors: S.R. Gradstein, J.-P. Frahm, H.J. Sipman.
Mosses: *Bryoerythrophyllum jamesonii*, *Campylopus anderssoni*, *C. galapagensis*, *C. richardii*, *Chorisodontium mittenii*, *Drepanocladus exannulatus*, *Eustichia spruceana*, *Fissidens asplenoides*, *Hedwigidium integrifolium*, *Leptodontium pungens*, *Octoblepharum albidum*, (*Prionodon densus*), *Rhodobryum grandifolium*, *Syrrhopodon gaudichaudii*.

Hepatics: *Adelanthus decipiens*, *Bazzania teretiuscula*, *Blepharolejeunea incongrua*, *Bryopteris filicina*, *Frullania arrata*, *F. tetraptera*, *Herbertus divergens*, *H. grossispinus*, *H. pensilis*, *Isotachis lacustris*, *Marchesinia brachiata*, *Metzgeria grandiflora*, *Omphalanthus jackii*, *Phaeoceros fimbriatus*, *Plagiochila gradsteinii*, *P. guilleminiana*, *Radula episcia*, *Stephaniella paraphyllina*, *Triandrophyllyum subtrifidum*.

FRENCH GUIANA

collectors: S.R. Gradstein, J. Florschütz-de Waard.
Mosses: *Calymperes palisotii*, *Hyophila involuta*, *Phyllodrepanium falcifolium*, *Leucobryum martianum*, *Sematophyllum subsimplex*.
Hepatics: *Acrolejeunea emegens*, *Calypogeia miquelii*, *Ceratolejeunea cornuta*, *Cheilolejeunea trifaria*, *Frullanoides corticalis*, *Lejeunea laetevirens*, *Leptolejeunea elliptica*, *Lophocolea martiana*, *Metzgeria australis*,

Odontolejeunea rhomalea, Plagiochila kiegeliana.

GUADELOUPE

collector: S.R. Gradstein.

Hepatics: *Alobiellopsis dominicensis, Dicranolejeunea axillaris, (Diplasiolejeunea pellucida), Harpalejeunea tridens, Kurzia capilaris, Omphalanthus filiformis.*

GUYANA

collector: S.R. Gradstein.

Mosses: *Acroporium pungens, Calymperes longophyllum, Campylopus cubensis, C. subcuspidatus, C. surinamensis, Hookeriopsis parkeriana, Pilosium chlorophyllum, Squamidium leucotrichum, Trichostelium papilosum, Zelometeorium patulum.*

Hepatics: *Anomoclada portoricensis, Arachniopsis diacantha, Archilejeunea fuscescens, Bazzania gracilis, Frullania riojaneirensis, Herbertus pensilis, Lepidozia coilihyla, Microlejeunea capillaris, Micropterygium trachiphyllum, Mytilopsis albifrons, Odonolejeunea lunulata, Plagiochila depressa, P. micropteryx, Pycnolejeunea decurvirostra, Radula caldana, Thysananthus amazonicus.*

MEXICO

collectors: A. Cárdenas, C. Delgadillo, J.-P. Frahm, S.R. Gradstein, E. de Luna.

Mosses: *Anacolia intertexta, Entodon beyrichii, Neckera ehrenbergii, Paraleucobryum nerve, Prionodon densus, Rhexophyllum subnigrum, Rhytidium rugosum, Sphagnum meridense.*

Hepatics: (Archilejeunea parviflora), (Frullanoides mexicana), (Neurolejeunea breutelii).

PANAMA

collectors: S.R. Gradstein, N. Salazar.

Mosses: (*Brymela tutezona*), (*Syrrhopodon incompletus*).

Hepatics: *Bazzania hookeri, B. robusta, Ceratolejeunea maritima, Cheilolejeunea rigidula, Herbertus divergens, Plagiochila disticha.*

PERU

collectors: E. Hegewald, S.R. Gradstein.

Mosses: *Barbella tenuissima, Conostomum pentastichum, Distichium capillaceum, Fissidens repandus, Leiomela bartramoides, Leptodontium syntrichioides, L. viticulosoides, L. wallisii, Macromitrium stellatum, Microcampylopus curvisetus, Molendoa sendtneriana, Neckera andina, Orthostichidium guyanense, Papillaria imponderosa, P. nigrescens, Pilotrichella pentasticha, Prionodon densus, Scopelophila ligulata, Symblepharis helicophylla.*

Hepatics: *Chaetocolea palmata, (Frullania brasiliensis), Herbertus juniperoides, Jamesoniella rubricaulis, Metzgeria myriopoda, Telaranea nematodes.*

PUERTO RICO

collectors: I. Sastre, S.R. Gradstein.

Mosses: *Epipterygium wrightii, Fissidens polypodioides, Hemiragis aurea, Sphagnum portoricense.*

Hepatics: *Calypogeia laxa.*

SURINAME

collectors: J. Florschütz-de Waard, R. Zielman.

Mosses: *Calymperes nicaraguense, Campylopus savannarum, (C. surinamensis), Mnionalia viridis, Orthostichopsis tetragona, Pilosium chlorophyllum, Stereophyllum obtusum.*

Hepatics: (*Bazzania bidens*).

VIRGIN ISLANDS

collector: S.R. Gradstein.

Hepatics: *Mastigolejeunea auriculata.*

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