

BRYOPHYTA EXOTICA VIII:  
MOSSES OF SRI LANKA - COLLECTIONS OF C. RUINARD

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The list given here concerns the collections of C. Ruinard in Sri Lanka in February 1978 (See the routes and localities). 197 are listed, 6 are new for the island, i.e., *Elmeriobryum philippinense*, *Epipterygium tozeri*, *Fissidens intromarginatulus*, *Leucoloma annamense*, *Leucophanes nicobaricum*, *Physcomitrium eurystomum*.

ROUTE AND COLLECTING LOCALITIES OF C. RUINARD

February 1978

- 4th - - - Homagama
- 5th - - - Maharagama - Avisawella - Kitulgala - Maharagama
- 6th - - - Maharagama
- 7th - - - Maharagama - Kegalle - Peradeniya
- 8th - - - Peradeniya
- 9th - - - Ritigala strict natural reserve (Anuradhapura District)
- 10th - - Midlands, road from Rattota to Ilukkumbura (Matale District)
- 11th - - Hunasgiriya Hill, Kandy District (West of Madulkele .....)  
..... Peradeniya Gardens
- 12th - - Knuckles, approach from Lebanon Estate (Kandy District)
- 13th - - Rangala to Corbet's Gap (Kandy District)
- 14th - - Peradeniya herbarium
- 15th - - Corbet's Gap to Rangala
- 16th - - Peradeniya herbarium . . . . . to Horton Plains (Nuwara Eliya District)
- 17th - - Horton plains: Small World's End road, Diyagama road
- 18th - - idem : Ohiya road . . . . . to Ella
- 19th - - Ella - Hakgala gardens and forest - Nuwara Eliya
- 20th - - Pidurutalagala from Nuwara Eliya
- 21st - - Hakgala garden and forest reserve
- 22nd - - Nuwara Eliya to Maskeliya..... Sri Pada (Adam's Peak) from Moray estate, Kandy District
- 23rd - - Sri Pada (Adam's Peak) descent to Carney (Ratnapura District)
- 24th - - Sinharaja forest, approach from Weddagala (Ratnapura District)

- 25th - - Nawalakanda and Kodipillikanda (Ratnapura District) .. to Peradeniya  
 26th - - Sudugala off Eratna, Adam's Peak Wilderness.. to Peradeniya  
 27th - - Peradeniya herbarium  
 28th - - Peradeniya herbarium  
 29th - - Katunayake (Orient Pearl Hotel)

*Fissidens anomalus* Mont., Ann. Sc. Nat. Bot. ser. 2, 17: 252. 1843.

Hakgala forest, 19.2.1978, on trees, R19/138, on boulder,  
 Adam's Peak, Carney side, 23.2.1978, under tree, R 23/133.

Western Himalaya, South India, Sri Lanka, Assam, Burma, Thailand, Vietnam  
 Java, Phillipines, Yunnan.

*Fissidens ceylonensis* Doz. & Molk. Ann. Sc. Nat. Bot. ser.3, 2 : 304.  
 1844.

Yatiantota, on rock left side of Road, R. s.n. - Thalduwa, 5.2.1978,  
 on boulder, R 5/30 - From Rangala to Corbet's Gap, 13.2.1978, tree  
 base, R 13/65.

From Western Himalaya to Yunnan and New Zealand.

*Fissidens fuscoviridis* Thw. & Mitt., J. Linn. Soc. Bot. 13 : 323.1873.

Knuckles from Lebanon Estate, 12.2.1978, small trees, R 12/117.

Endemic.

*Fissidens intromarginatulus* Bart., Rev. Bryol. Lichenol. 23 : 242.  
 1954.

Maharagama, 6.2.1978, garden wall, R 6/68, foot of coconut tree,  
 R 6/63-2

Western Himalaya, South India, Upper Burma.

*Fissidens mittenii* Par., Ind. Bryol. 447. 1896.

Sudugala, Adam's Peak Wilderness, 26.2.1978, on rock, R 26/8.

East Nepal, South India, Sri Lanka, Indochina, Western Malesia, Taiwan,  
 Ryu-Kyu.

*Fissidens nobilis* Griff., Calc. J. Nat. Hist. 2 : 505. 1842.

Hakgala Gardens, 21.2.1978, on stone in path, R 21/4 - Sinharaja forest  
24.2.1978, rock near water, R 24/76.

From Western Himalaya to New Guinea and from Sri Lanka to Japan.

*Fissidens sylvaticus* Griff., Calc. J. Nat. Hist. 2 : 507. 1842.

Kadugannava, 7.2.1978, close to water, R 7/73 - Midlands, 10.2.1978,  
wet rock clefts, R 10/104 - From Rangala to Corbet's Gap, 13.2.1978,  
in forest near a small waterfall, R 13/26 - Horton Plains, World's End  
road, 17.2.1978, fallen wood, R 17/17 - Nawalakanda and Kodipillikanda  
25.2.1978, shaded soil, R 25/5.

From Africa to New Caledonia and Japan.

*Garckea comosa* (Doz. & Molk). Wijk & Marg., Taxon, 9:190. 1960.

Homagama, Galawila Estate, 4.2.1978, roadside bank, R 4/5.

Cosmopolitan in tropics of the two hemispheres.

*Ditrichum amoenum* (Thw. & Mitt.). Par., Ind. Bryol. 391. 1896.

Horton Plains, Diyagama Road, 17.2.1978, roadside bank, R 17/65.

Southern India, Sri Lanka.

*Ceratodon purpureus* Brid., Bryol. Univ. 1 : 480. 1826.

From Corbet's Gap to Rangala, 15.2.1978, on small boulder, R 15/4.

Cosmopolitan.

*Dicranella coarctata* (C. Muell). Bosch & Lac., Bryol. Jav. 1 : 84.  
1858.

Midlands, 10.2.1978, sunny soil, R 10/10 - From Corbet's Gap to  
Rangala, 15.2.1978, on rocks low and shaded with herbs, R 15/32 - small  
World's End Road, 17.2.1978, on tree base, R 17/24.

Sri Lanka, Pegu, Java, Phillipines, Taiwan.

*Microdus brasiliensis* (Duby) Ther., Bull. Herb. Boissier, ser. 2 :  
277- 278. 1907.

Midlands, 10.2.1978, on ground, R 10/159-1.

Sri Lanka, Indochina, Malesia, Brazil, Himalaya.

- Microcamoylopus subnanus* (C.Muell.) Fleisch. Musci Fl. Buitenzorg, 1:60.1904.  
 Pidurutalagala, 20.1978, tree base and around it, R 20/51.  
 Java.
- Campylopodium khasianum* (Griff). Par., Ind. Bryol. 237. 1894.  
 From Corbet's Gap to Rangala, 15.2.1978, R 15/29.  
 Sri Lanka, Himalaya, South India.
- Campylopus aureus* Bosch & Lac., Bryol. Jav. 1 : 80. 1858.  
 Knuckles from Lebanon Estate, 12.2.1978, on exposed tree (*Syzygium* sp.)  
 R 12/84-2 - Horton Plains, Ohiya Road, 18.2.1978, R 18/100 - Ella to  
 Hakgala Gardens, 19.2.1978, on tree at 50 cm from ground, R 19/134-2-  
 Sri Lanka, Java, Nicobar islands, Sulawesi.
- Campylopus caudatus* (C.Muell.) Mont. in Doz. & Molk., Bryol. Jav. 1:78  
 1855.  
 Midlands, 10.2.1978, on soil, in sunny place, R 10/11 - Horton Plains,  
 Little World's End road, 17.2.1978, upper side road bank, R 17/42 - Ella,  
 Hakgala Gardens, 19.2.1978, loose on rocks, R 18/125-1 - Adam's Peak,  
 23.2.1978, on tree stump, R 23/127 - idem, on path near a brook, R 23/152.  
 India, Malesia, Sri Lanka.
- Campylopus exasperatus* Brid., Bryol. Univ. 1:473.1826.  
 From Corbet's Gap to Rangala, 15.2.1978, R 15/29  
 Sri Lanka, Java, Borneo, Luzon, Sulawesi, Hawaii.
- Campylopus flexuosus* (Hedw.) Brid., Mant. Mus. 4: 714. 1819.  
 Horton Plains, Ohiya Road, 18.2.1978, on path to tea estate, R 18/101-2  
 Nawalakanda et Kodipillikanda, 25.2.1978, rock more shaded, R 25/4.  
 Cosmopolitan, known from Sri Lanka fide Frahm.
- Campylopus goughii* (Mitt). Jaeg., Ber. S. Gall Naturw. Ges. 1870-71:  
 417.1872.

From Corbet's Gap to Rangala, 15.2.1978, on tree, R 15/10-1 - Horton Plains, small World's End Road, 17.2.1978, grassland, 10 m from brook, R 17/5 - Mount Pidurutalagala, 2,000 m, 20.2.1978, exposed tree, R20/45-1 Ella to Hakgala Garden, 22.2.1978; opposite Devon falls on ground beside road, R 22/2.

Sri Lanka and Southern India.

*Campylopus gracilis* (Mitt.) Jaeg., Ber. S. Gall Naturw. Ges. 1870-71: 427. 1872.

Maharagama/Peradeniya, 5.2.1978, on rock, R 5/70 - From Corbet's Gap to Rangala, 15.2.1978, on rock, R 15/26 - Horton Plains, World's End Road, 17.2.1978, on trees, R 17/9-3 - idem, Diyagama Road, exposed tree, R 17/46 - Hakgala Forest Reserve and Garden, 21.2.1978, on path, R 21/10.

Sri Lanka, Himalaya, Upper Burma, Thailand, China.

*Campylopus introflexus* (Hedw.) Brid., Mant. Musc. 72. 1819.

Hunasgiriya Kande, 11.2.1978, on rather moist soil, R 11/5 - Knuckles from Lebanon estate, 12.2.1978, on boulders, R 12/61.

Cosmopolitan.

*Campylopus laetus* (Mitt.) Jaeg., Ber. S. Gall Naturw. Ges. 1870-71: 41.1872.

Horton Plains, World's End Road, 17.2.1978, on tree, R 17/22-4.

Sri Lanka, Himalaya, Southern India, Burma.

*Campylopus nietnerii* (C.Muell.) Jaeg., Ber. S. Gall Naturw. Ges. 1870-71 : 423. 1872.

From Rangala to Corbet's Gap, 13.2.1978, bare rock, R 13/9 - Adam's Peak, Carney Side, 23.2.1978, on decaying tree stump, R 23/158.

Sri Lanka and Southern India.

*Campylopus umbellatus* (W. Arn.) Par., Ind. Bryol. 264. 1894.

Midlands, 10.2.1978, moist roadside, R 10/137-1 - idem, dry rock R 10/120 - Knuckles from Lebanon Estate, 12.2.1978, R 12/60-2 - From Rangala to Corbet's Gap, 13.2.1978, on boulder, R 13/13 - Horton Plains, Ohiya road, 18.2.1978, R 18/01 - Mount Pidurutalagala, 2 100 m, 20.2.1978, on ground, R 20/40 - Adam's Peak from Moray Estate, 22.2.1978, on path, R 22/19 - Nuwara Eliya to Maskeliya, 22.2.1978, on boulder under bamboo, R 22/18-1 - idem, on tree base, R 22/3 - idem, on boulder in waterfall, R 22/32-4 idem, on path, 22/19.

Tropical Asia and Australasia.

*Campylopus reduncus* (Reinw. & Hornsch.) Bosch & Lac. Bryol. Jav. 1:75.1858.

Horton Plains, Ohiya Road, 18.2.1978, low on exposed tree, R 18/91.

Java, Ceylon.

*Dicranoloma leucophyllum* (Hampe) Par., Ind. Bryol. ed. 2, 2 : 27.1904.

Horton Plains, Diyagama Road, 17.2.1978, on trunk in forest, R 17/44,  
R 17/55 - Mount Pidurutalagala, 20.2.1978, fallen decaying trunk, R  
R 20/42-2 - Sri Pada, 22.2.1978, not far from summit of Adam's Peak,  
R 22/112-1.

Sri Lanka, Java, Sumatra, Philippines.

*Leucoloma amoeno-virens* Mitt., J. Linn. Soc. Bot. Suppl. 1 : 13. 1859

Ritigala, 9.2.1978, on tree, R 9/29-1, R 9/132 - Sinharaja Forest,  
24.2.1978, loose on boulder, R 24/33.

Sri Lanka, southern India, Vietnam.

*Leucoloma annamense* Ther., Rec. Publ. Soc. Havraise Etud. Div. 1919 :  
34 : 1919.

Knuckles from Lebanon Estate Forest, 12.2.1978, boulder in a brook,  
R 12/94 - Adam's Peak from Moray Estate, 22.2.1978, thickly mossed  
boulder, R 22/47-2.

Malaya, Vietnam.

*Leucoloma chlorophyllosum* Card. in sched.

Ritigala, 9.2.1978, on tree trunk, R 9/119.

Sri Lanka.

*Leucoloma molle* (C. Muell.) Mitt., J. Linn. Soc. Bot. Suppl. 1 : 13.  
1859.

Hunasgiriya Kande, forest, 11.2.1978, on boulder, R 11/11, R 11/36-1  
Adam's Peak, Carney Side, 23.2.1978, R 23/155.

From Sri Lanka to Pacific Islands, Hawaii, Japan, China.

*Leucoloma nitens*. (Thw. & Mitt.) Jaeg., Ber. S. Gall Naturw. Ges. 1877-78: 379.1880.

From Rangala to Corbet's Gap. 13.2.1978, R 13/67 - Hakgala forest, 19.2.1978, fallen tree trunks, R 19/152-1 - Nuwara Eliya to Maskeliya, 22.2.1978, on tree stumps, R 22/21, R 22/102.

Sri Lanka.

*Leucoloma taylorii* (Schwaegr.) Mitt., Kew J. Bot. 8: 355. 1856.

Ritigale, 9.2.1978, on boulder, R 9/108.

Southern Asia.

*Leucoloma tenerum* Mitt., Kew J. Bot. 8 : 353. 1856.

From Corbet's Gap to Rangala, 15.2.1978, on tree, R 15/49 - Nuwara Eliya to Maskeliya, 22.2.1978, strongly attached to boulder, R 22/38.

Sri Lanka.

*Braunfelsia edentula* (Mitt.) Wijk & Marg., Taxon 7 : 289. 1958.

Mount Pidurutalagala, 20.2.1978, on trees c. 2m, R 20/21 - From Nuwara Eliya to Maskeliya, 22.2.1978, R 22/92 - Adam's Peak from Moray Estate, 22.2.1978, boulder, 22/9-1, Wet rock, R 22/83-1.

Sri Lanka.

*Octoblepharum albidum* Hedw., Spec. Musc. 50. 1801.

Nawalakanda and Kodipillikanda, 25.2.1978, base of small trees, R 25/1, tree trunk,

Pantropical.

*Leucobryum bowringii* Mitt., J. Linn. Soc. Bot. Suppl. 1 : 26. 1859.

Hunasgiriya Kande, 11.2.1978, base of trunk, R 11/31-1 - Knuckles from Lebanon Estate, 12.2.1978, path side, R 12/58, R 12/89-2, forest near brook, R 12/100 - Hakgala Gardens, 19.2.1978, decaying tree trunk, R 19/165-1 - Sri Pada, 22.2.1978, on boulder, R 22/39-2 - Adam's Peak from Moray Estate, 22.2.1978, tree root, R 22/5-2, R 22/97-2 Adam's Peak, Carney Side, 23.2.1978, open place beside path, R 23/176.

From Sri Lanka to China, Japan and New Caledonia.

*Leucobryum candidum* (P. Beauv.) Wils., in Hook. f., Fl. Nov. Zealand. 2:64. 1854.

Adam's Peak, Carney Side, open place beside path, 23.2.1978, R 23/176.

From Népal to New Zealand.

*Leucobryum ceylanicum* (Besch.) Card., Mem. Soc. Sc. Nat. Cherbourg.  
32 : 15 1901.

Adam's Peak from Moray Estate, 22.2.1978, thickly mossed boulder,  
R 22/67.

Sri Lanka.

*Leucobryum javense* (Brid.) Mitt., J. Linn. Soc. Bot. Suppl. 1 : 25.  
1859.

From Rangala to Corbet's Gap, 13.2.1978, decaying tree stumps in forest  
R 13/25 - Sri Pada, 22.2.1978, on ground between bamboos, R 22/6,  
R 22/10-1 - Adam's Peak from Moray Estate, 22.2.1978, tree trunk,  
R 22/97-2 - Sinharaja Forest, 24.2.1978, on tree, R 24/132.

Southern India, Sri Lanka, Indochina, Southern China, Malesia.

*Leucophanes octoblepharioides* Brid., Bryol. Univ. 1 : 763. 1326.

Yatiantota, 5.2.1978, on palm trunk, R 5/39 - Gal Oya, 9.2.1978,  
R 9/21-1.

Tropical countries spreading from Nepal eastwards to Pacific Islands.

*Leucophanes nicobaricum* C. Muell. ex Gangulee, Mosses Eastern India,  
1 : 438-439, 1969-1972.

Sudugala, Adam's Peak Wilderness, 26.2.1978, R 26/2-3.

close to the diagnosis given by Gangulee but without spicules on the  
back of the nerve. Traces of propagules at the top of the leaves.

Nicobar Islands.

*Syrrhodon croceus* Mitt., J. Linn. Soc. Bot. Suppl. 1 : 41. 1859.

Sinharaja Forest, 24.2.1978, here and there on bare boulder, R 24/12,  
R 24/100-1 - Sudugala, Adam's Peak Wilderness, 26.2.1978, R 26/35

From Sri Lanka to New Caledonia.

*Syrrhopodon gardnerii* (Hook.) Schwaegr., Spec. Musc. Suppl. 2, 1 : 110. 1824.

From Rangala to Corbet's Gap. 13.2.1978, thick mossed tree, upper side, R 13/61-3.

Pantropical.

*Syrrhopodon muellerii* (Doz. & Molk.) Lac., Bryol. Jav. 2 : 224. 1870.

Sinharaja Forest, 24.2.1978, thin tree trunk, R 22/17-2.

From Sri Lanka to New Caledonia.

*Syrrhopodon tristichus* Nees ex Schwaegr., Spec. Musc. Suppl. 4 : 316b. 1842.

Hunasgiriya Kande, 11.2.1978, on base of tree trunk, R 11/36-1, R11/172  
Knuckles from Lebanon Estate, 12.2.1978, on dead tree, R 12/123-2 -  
Adam's Peak Wilderness, 26.2.1978, on trunk 26/9, tree base and roots,  
R 26/100-2.

From Sri Lanka to New Hebrides.

*Mitthyridium fasciculatum* (Hook. & Grev.) Robinson, Phytopathologia 32 : 433. 1975.

Sinharaja Forest, 24.2.1978, on dead tree, R 24/94.

From Southern India to Mauritius and Chile.

*Calymperes contractum* Besch., Ann. Sc. Nat. Bot. ser. 8, 1 : 280. 1896.

Kitulgala Rest House, tree by river, 5.2.1978, R 5/44 - Sinharaja Forest, 24.2.1978, decaying trunk over the brook, R 22/61-4.

Sri Lanka.

*Calymperes dozyanum* Mitt., J. Linn. Soc. Bot. Suppl. 1 : 124. 1859.

Homagama, Kitulgala, on Mara tree on sunny side, 5.2.1978, R 5/10, R 5/12.

South East Asia.

*Calymperes nietnerii* C. Muell., Bot. Zeit. 22 : 348. 1884.

From Rangala to Corbet's Gap, 13.2.1978, on tree, R13/62-2.

Sri Lanka, Java, Borneo.

*Calymperes serratum* from Sri Lanka to Japan and New Caledonia.  
Adam's Peak from Moray Estate, 22.2.1978, decaying wood, R 22/53 -  
Sinharaja Forest, 24.2.1978, shaded rock above brook, R 24/79-1 on  
boulder, R 24/36 - Nawalakanda and Kodipillikanda, 25.2.1978, boulder  
in brook, R 25/13.

*Calymperes thwaitesii* Besch., Ann. Sc. Nat. ser. 8. 1 : 270, 306.  
1896.

Ritigale, 9.2.1978, on boulder, R 9/120.

Sri Lanka.

*Calymperes thwaitesii* Besch. var. *fordii* (Besch.) Fleisch., Musc. Fl.  
Buitenzorg. 1 : 240, 258. 1904.

Hunasgiriya Kande, 11.2.1978, on roots of *Rethryceum guianensis*,  
R 11/53.

Sri Lanka, Indochina, Malesia, Hong Kong.

*Hydrogonium consanguineum* (Thw. & Mitt.) Hilp., Beih. Bot. Centralbt.  
50. 2 : 626. 1933.

Sinharaja Forest, 24.2.1978, sand near roadside, R 24/135 - s.l. 29.  
2.1978, R 29/1.

Western Himalaya, Sri Lanka, Southern India, Indochina, Western Malesia  
to New Guinea, Taiwan, China.

*Hydrogonium inflexum* (Duby) Chen, Hedwigia 80 : 249. 1941.

From Rangala to Corbet's Gap, 13.2.1978, boulder in waterfall and near  
waterfall, R 13/30.

Sri Lanka, Java.

*Hydrogonium javanicum* (Doz. & Molk.) Hilp., Beih. Bot. Centralbt. 50,  
2 : 627. 1933.

Nawalakanda et Kodipillikanda, 25.2.1978, wet rock, R 25/32.

Nepal, Himalaya, Chittagong, Sri Lanka, Java, Sulawesi.

*Hydrogonium pseudo-ehrenbergii* (Fleisch). Chen, *Hedwigia* 80:242.1941.

From Nuwara Eliya to Maskeliya, 22.2.1978, on shrub, R 22/16-3.

South East Asia.

*Hymenostomum edentulum* (Mitt.) Besch., Bull. Soc. Bot. France 34 : 95. 1887.

Knuckles from Lebanon Estate, tea estate, 12.2.1978, roadside bank, R 12/67.

An Indo-pacific species from Southern Asia to China and New Caledonia.

*Hyophila involuta* (Hook.) Jaeg., Ber. S. Gall Naturw. Ges. 1871-72: 354. 1873.

Yatiantota, 5.2.1978, trunk of Areca palm, R 5/40 - Maharagama, garden wall, 6.2.1978, R 6/67 - Midlands, 10.2.1978, roadside bank, shaded, R 10/101 - From Corbet's Gap to Rangala, 15.2.1978, on concrete wall, R 15/14 - idem, 15.2.1978, old tea estate, small boulder, R 15/5 Nuwara Eliya, 20.2.1978, hanging on roadside bank, R 20/2-2

Pantropical in palaeotropics.

*Oxystegus cylindricus* (Brid.) Hilp., Beih. Bot. Centralbt. 50,2:666 1933.

Midlands, 10.2.1978, low on dry rock, R 10/129, on tree R 10/161-1, moist part of roadside bank, R 10/111, R 10/137-2, R 10/165-2 - From Rangala to Corbet's Gap, 13.2.1978, on earth, R 13/6- on rock 13/46 - From Corbet's Gap to Rangala, 15.2.1978, on some soil on rock, R 15/6 bare roadside bank, R 15/8, on rock, R 15/30-1 - From Nuwara Eliya to Maskeliya, 22.2.1978, very moist, in this time more or less wet, R 22/45.

Almost cosmopolitan.

*Trichostomum hyalinoblastum* (Broth.) Broth., Nat. Plf. 1, 3:394.1902.

From Rangala to Corbet's Gap, 13.2.1978, roadside bank under tea plantation, R 13/13, boulders in brook under bridge, R 13/34.

Southern India.

*Tortella ceylonensis* Fleisch. ex Dix. Notes R. Bot. Gard. Edinburgh. 19 : 284. 1938.

Knuckles from Lebanon Estate, forest, 12.2.1978, pathside, R 12/72 - Adam's Peak from Moray Estate, 22.2.1978, young tree, R 22/75-1.

Sri Lanka.

*Pseudosymblypharis angustata* (Mitt.) Hilp., Beih. Bot. Centralbt. 50. 2 : 620. 1933.

Adam's Peak, Carney Side, 23.2.1978, boulders near brook, R 23/163.

Sri Lanka, Java.

*Pseudosymblypharis duriuscula* (Wils.) Chen, Hedwigia 80 : 153. 1941.

Horton Plains, Worlds End Road, 17.2.1978, boulder beside the path, R 17/30, on mossy trunk, R 17/62-2 - Adam's Peak from Moray Estate, 22.2.1978, thickly mossed boulder, R 22/47-2.

Sri Lanka.

*Pseudosymblypharis subduriuscula* (C. Muell.) Chen, Hedwigia 80.152. 1941.

Horton Plains, Little Worlds End Road, 17.2.1978, roadside bank upper side under herbs, R 17/51 - Ella..... Hakgala, gardens and forest, 19.2.1978, on soil and stones on path side, R 19/122-2- Hakgala Gardens 21.2.1978, between shrubs, R 21/17.

China, Philippines, Borneo.

*Semibarbula orientalis* (Web.) Wjick & Marg., Taxon, 8 : 75. 1959.

Avisawella, 5.2.1978, on side of garden wall, R 5/14 - Horton Plains, Ohiya road, 18.2.1978, roadside bank, R 18/72.

Sri Lanka, India, Java, Borneo, Eastern China.

*Racomitrium crispulum* (Hook. f. & Wils.) Hook. f. & Wils. fide Bartram, Lloydia 5 : 258. 1942.

Nuwara Eliya, Mount Pidurutalagala, 2,000 m, 20.2.1978, on exposed boulder, R 20/19.

Sri Lanka, Java, Australasia to new Zealand and subantarctic regions, Southern America, Colombia, Peru, Ecuador, Bolivia.

*Epipterygium tozeri* (Grev.) Lind., Oefv. Svensk Vet. Ak. Foerh. 21 : 576. 1865.

From Corbet's Gap to Rangala, 15.2.1978, on boulder very moist, R 15/54-4- Adam's Peak, Carney Side, 23.2.1978, top of boulder, R 23/134.

Cosmopolitan in temperate regions, Java, Himalaya.

*Pohlia hampeana* (Lac.) Broth., Monsumia 1 : 45. 1900.

Horton Plains, Diyagama road, 17.2.1978, fallen branch over brook, R 17/39.

Sri Lanka, Java, Sulawesi.

*Brachymenium exile* (Doz. & Molk.) Doz. & Molk., Bryol. Jav. 1 : 139. 1860.

From Corbets Gap to Rangala, 15.2.1978, vertical rock low and shaded by grass, R 15/31 - Horton Plains, Ohiya road, 18.2.1978, roadside on bridge, R 18/66-2.

Sri Lanka, Himalaya, Southern India, Indochina, Western Malesia, China, Japan. Hawaii.

*Brachymenium nepalense* Hook. ex Schwaegr., Spec. Musc. Suppl. 2 : 131. 1824.

Midlands, 10.2.1978, on wet rock clefts, R 10/103.

From Central Africa to Japan and Vladivostock.

*Anomobryum nitidum* (Mitt.) Jaeg., Ber.S. Gall Naturw. Ges. 1873-74 : 142. 1875.

Hakgala forest, 19.2.1978, trench, R 19/168-2 - Adam's Peak, Carney Side, 25.1.1978, summit, R 23/123-1

Sri Lanka, Himalaya.

*Bryum ambiguum* Duby in Moritizi, Syst. Verz. Zolling. Pfl. 132. 1840.

Hunasgiriya Kande, 11.2.1978, R 11/3-1 - Sinharaja Forest, 24.2.1978, R 24/51.

Sri Lanka, Sumatra, Java, Vietnam (Bac Bo).

*Bryum argenteum* Hedw., Spec. Musc. 181. 1801.

Knuckles from Lebanon Estate, 12.2.1978, R 12/146-1.

Cosmopolitan.

*Bryum coronatum* Schwaegr., Spec. Musc. Suppl. 12. 103. 1816.

Horton Plains, Ohiya road, 18.2.1978, R 18/97.

Pantropical.

*Bryum nitens* Hook., Icon. Pl. Pl. 1. 1836; Harv., Hook. Bot. J. 2 : 9. 1840.

Ratnapura, 26.2.1978, on Mara tree, R 26/1-2.

From South Africa to Oceania.

*Bryum porphyroneuron* C. Muell. var. *erythrinum* Fleisch. in Broth, Nat. Pfl. 1, 3 : 590. 1904.

Nitigale, 9.2.1978, stone on path, R 9/102 - Midlands, 10.2.1978, wet rock clefts, R 10/103.

Sri Lanka, Himalaya, Khasia Hills, Soth India, Java, Sumatra.

*Bryum ramosum* (Hook.) Mitt., J. Linn. Soc. Bot. Suppl. 1 : 75. 1859.

Hunasgiriya Kande, 11.2.1978, path side under ferns, R 11/14. , on tree, R 11/45.

cosmopolitan.

*Bryum wightii* Mitt., Linn. Soc. Bot. Suppl. 1 : 74. 1859.

From Rangala to Corbets Gap, 13.2.1978, on moist earth, R 13/8 - From Corbets Gap to Rangala, 15.2.1978, rock, R 15/33 - Adam's Peak from Moray Estate, 22.2.1978, wet rock, R 22/8 - Adam's Peak, Carney side, 23.2.1978, moist boulder, R 23/136.

Endemic ?

*Rhodobryum giganteum* (Schwaegr.) Par., Ind. Bryol. 1116. 1898.

Ella..... Hakgala gardens, 19.2.1978, loose on rocks, R 19/125-2 - Sri Pada, 22.2.1978, on boulder, R 22/48.

From Mascarchenas to Japan, Hawaii and New Guinea.

*Rhodobryum roseum* (Hedw.) Limp., Laubm. Deutsch. Oester. Schweiz 4 : 222. 1892.

From Rangala to Corbet's Gap, 13.2.1978, on soil on boulder, R 13/50.

Almost cosmopolitan.

*Plagiomnium rostratum* (Schrad.) Kop., Ann. Bot. Fennici. 5 : 147.1968.

From Corbet's Gap to Rangala, 15.2.1978, loulder in rather open forest, R 15/53.

Cosmopolitan.

*Plagiomnium rhynchophorum* (Hook.) Kop., Hikobia, 6 : 57. 1971.

Mount Pidurutalagala, 20.2.1978, on tree base, R 20/53.

South East Asia.

*Physcomitrium eurystomum* Sendt, Denksch. Bayer Bot. Ges. Regensb. 3 : 142. 1841.

From Corbet's Gap to Rangala, 15.2.1978, R 15/29.

Lower Bengal, Kumaon, Vietnam (Bac Bo), Taiwan, China, Japan, Europe, Central and South Africa.

*Funaria hygrometrica* Hedw., Spec. Hep. 172. 1801.

Adam's Peak, Carney Side, 23.2.1978, R 23/117.

Cosmopolitan.

*Rhizogonium spiniforme* (Hedw.) Bruch., Flora. 29 : 134. 1846.

Knuckles from Lebanon Estate, 12.2.1978, forest near the brook, R 12/100.

Cosmopolitan in tropical regions.

*Hypnodendron dendroides* (Brid.) Touw, Blumea 19, 2 : 320. 1971.

Adam's Peak, Carney side, 23.2.1978, boulder near the brook, R 23/114,  
R 23/163.

From Sri Lanka to Pacific Islands.

*Bartramidula roylei* (Hook. f.) B.S.G., Bryo. Europ. 4 : 55. 1846.  
Thalduwa, 5.2.1978, boulder on rain track, R 5/26.

Sri Lanka, Himalaya, Luzon.

*Philonotis hastata* (Duby) Wijk & Marg., Taxon 8 : 74. 1959.

Karawanella, 5.2.1978, side of wall under house, R 5/33 - Yatiyantota,  
5.2.1978, R 5/41 - Midlands, 10.2.1978, part of roadside bank with  
little vegetation, R 10/? - Corbets Gap to Rangala, bare roadside  
bank, 15.2.1978, R 15/9 - Adam's Peak, 22.2.1978, path side under  
shrubs, R 22/121 - Nawalakanda and Kodipillikanda, 25.2.1978, bare  
rock, road side, R 25/2.

Pantropical.

*Philonotis mollis* (Doz. & Molk.) Mitt., J. Linn. Soc. Bot. Suppl.  
1 : 60. 1859.

Thalduwa, 5.2.1978, road side bank under rubber estate, R 5/2 -  
Kadugannava, 7.2.1978, wet rock, R 7/105 - Rangala to Corbets Gap  
13.2.1978, boulder beside small waterfall, R 13/25 - Horton Plains,  
World's End road, 17.2.1978, roadside bank under forest, R 17/20-1

From Madagascar to Japan.

*Philonotis revoluta* Bosch & Lac., Bryol. Jav. 1 : 158. 1861.

Maharagama, 6.2.1978, side of wall in garden, R 6/60. - From Rangala  
to Corbet's Gap, 13.2.1978, on boulder in waterfall, R 13/29 - Sinha-  
raja Forest, 24.2.1978, sandy roadside bank under forest, R 24/7.

Sri Lanka, Sumatra, Java, Luzon, Vietnam.

*Philonotis secunda* (Doz. & Molk.) Bosch & Lac., Bryol. Jav. 1 : 156.  
1861.

Midlands, 10.2.1978, wet rock clefts, R 10/103, roadside bank R10/136,  
wet earth, R 10/121 - From Rangala to Corbet's Gap, 13.2.1978,  
R 13/4-2.

Sri Lanka, South India.

*Macromitrium fasciculare* Mit., J. Linn. Soc. Bot. Suppl. 1 : 51.1859

From Corbet's Gap to Rangala, 15.2.1978, boulder path side, R 15/37-1.  
Horton Plains, Worlds End road, 17.2.1978, on *Rhododendron*, R 17/6; Horton  
Plains, Ohiya Road, 18.2.1978, tree, R 18/87-2.

Sri Lanka, Java, Philippines.

*Macromitrium fulvum* Mitt., J. Linn. Soc. Bot. Suppl. 1 : 52. 1859.

Mount Pidurutalagala, 20.2.1978, tree rather shaded, R 20/9, , idem,  
R 20/15-2 Adam's Peak, from Moray Estate, 22.2.1978, tree trunk, R 22/79  
Adam's Peak, Carney Side, 23.2.1978, tree trunk, R 23/123-3.

Sri Lanka.

*Macromitrium minutum* Mitt., J. Linn. Soc. Bot. 13. 303. 1873.

From Corbet's Gap to Rangala, 15.2.1978, old tea estate on trunk, R 15/  
42- - Hakgala Garden, 19.2.1978, side on boulder, R 19/127 - Adam's  
Peak from Moray estate, 22.2.1978, trees, R 22/6-5.

Sri Lanka, Perak, Java.

*Macromitrium nigricans* Mitt., J. Linn. Soc. Bot. Suppl. 1 : 53.1859.

Adam's Peak, Carney Side, 23.2.1978, R 23/172.

Sri Lanka.

*Macromitrium schmidii* C. Muell., Bot. Zeit. 11 : 61. 1853.

Knuckles from Lebanon Estate, 12.2.1978, R 12/70- Hakgala Gardens,  
19.2.1978, tree base, R 19/134-1 - Mount Pidurutalagala, 20.2.1978,  
on *Rhododendron* near the summit,

Sri Lanka, Nilgiri.

*Macromitrium sulcatum* (Hook.) Brid., Bryol. Univ. 1 : 319. 1826.

Midlands, 10.2.1978, R 10/165-1 - Sabuku, 11.2.1978, on shade tree,  
R 11/7 - Hunasgiriya Kande, tea estate, 11.2.1978, dry boulder, R 11/  
51, branches over brook, R 11/15-3 - Knuckles from Lebanon Estate,  
12.2.1978, path side, on 'dead tree, R 12/123-1 - From Rangala to  
Corbet's Gap, 13.2.1978, on boulder, R 13/40-2 - From Corbet's Gap to  
Rangala, 15.2.1978, tree, R 15/11-2 fallen branch, R 15/30-2, low on  
rock shaded, R 15/39-1, tree, R 15/40-2, rock, R 15/41 - Adam's Peak,  
Carney Side, 23.2.1978, on boulder, R 23/119.

From Madagascar to Malesia.

*Macromitrium sulcatum* (Hook.) Brid., var. *torulosum* (Mitt.) P.Tx.  
Ceylon J. Sci. (Biol. Sci.) 11, 2 : 127. 1975.

Hunasgiriya Kande, 11.2.1978, forest scrub, R 11/45-2 - Knuckles from  
Lebanon estate, 12.2.1978, decaying tree, R 12/141, R 12/145.

Sri Lanka.

*Macromitrium zollingeri* Mitt. ex Bosch & Lac., Bryol. Jav. 1: 113.  
1859.

Hakgala Garden, 19.2.1978, side of boulder, R 19/128-1.

Synonym of *M. contortum* fide Fleischer.

Sri Lanka, Southern Indochina, Malaya, Java, Lombok.

*Groutiella tomentosa* (Hornsch.) Wijk & Marg., Taxon 9 : 51. 1960.

Horton Plains, World's End road, 17.2.1978, on tree, R 17/9.

Cosmopolitan.

*Schlotheimia grevilleana* Mitt., J. Linn. Soc. Bot. Suppl. 1 : 53. 1859  
Hunasgiriya Kande, 11.2.1978, dead branch, R 11/44 - Hakgala Gardens,  
21.2.1978, on stones,

From Africa to India and Malesia.

*Racopilum orthocarpum* Wils. ex Mitt., J. Linn. Soc. Bot. Suppl. 1 :  
136.1859.

From Corbet's Gap to Rangala, 15.2.1978, between shrubs and path, R15/7  
From Rangala to Corbet's Gap, 13.2.1978, stem of tea bush, R 13/3.  
rock near brook, R 13/36.

South East Asian continental species.

*Glyptothecium sciuroides* (Hook.) Hampe., Linnaea 30 : 637. 1859.

Horton Plains, Ohiya road, 18.2.1978, open place between and forest,  
R 18/84-1.

From Sri Lanka to Indochina, Western Malesia and Australasia.

*Trachypodopsis serrulata* (P.Beauv.) Fleisch. var. *crispatula* (Hook.)  
Zant., Blumea 9, 2 : 521. 1959.

Horton Plains, World's End road, 17.2.1978, top of roadside bank ~~17/26-1~~, moss covered tree, R 17/62 - idem, Little World's End road, 17.2.1978, roadside bank under forest, R 17/29-2.

Sri Lanka, Nepal, Indochina, China, Formosa, Malesia, Mexico.

*Trachypus bicolor* Reinw. & Hornsch., Nov. Act. Ac. Leop. Car. 14,2 : 708, 1829.

Knuckles from Lebanon Estate, 12.2.1978, dry boulder in brook, R 12/65-3, wall beside path, R 12/66 - From Rangala to Corbet's Gap, Wall under tea plantation, 13.2.1978, R 13/16 - From Corbet's Gap to Rangala 15.2.1978, R 15/16 - Horton Plains, Ohiya road, 18.2.1978, exposed tree low, R 18/90-2 - Hakgala forest, 19.2.1978, branch, R 19/166 - From Nuwara Eliya to Pidurutalagala, 20.2.1978, on rotten wood, R 20/11 20/20 - Adam's Peak from Moray Estate, 22.2.1978, R 22/5-1.

Pantropical.

*Trachypus humilis* Lindl. var. *tenerrimus* (Herz.) Zant., Blumea, 9,2 509.1959.

Knuckles from Lebanon Estate, 12.2.1978, on tea bush, R 12/63-22- Horton Plains, Little World's End road, 17.2.1978, grassland, R 17/5- Hakgala Gardens, 21.2.1978, thin tree trunk, R 21/6.

Sri Lanka, India, Korea, Japan, Hawaii.

*Myurium rufescens* (Reinw. & Hornsch.) Fleisch., Musci Fl. Buitenzorg 3 : 672. 1906.

Horton Plains, Diyagama road, 17.2.1978, on *Rhododendron*, R 17/47-1.

Sri Lanka, Palni Hills, Western Malesia, China, Japan, Australia, New Caledonia.

*Trachyloma indicum* Mitt., J. Linn. Soc. Bot. Suppl. 1 : 91. 1859.

Sudugala, Adam's Peak Wilderness, 26.2.1978, on boulder, R 26/24-1.

From Sri Lanka to Moluccas and New Guinea.

*Pterobryopsis aurantia* (C. Muell.) Fleisch., Hedwigia 45 : 57. 1905.

Hunasgiriya Kande, forest, 11.2.1978, branches over brook, R 11/15-2.

Sri Lanak.

*Pterobryopsis crassicaulis* (C. Muell.) Fleisch., Hedwigia 45 : 57.1905

Ritigale, 9.2.1978, on boulder, R 9/152-1.

Sri Lanka, Southern Indochina, Western Malesia.

*Pterobryopsis frondosa* (Mitt.) Fleisch., 45 : 60. 1905.

Midlands, 10.2.1978, R 10/146.

Sri Lanka, Nilgiri.

*Pterobryopsis schmidii* (C. Muell.) Fleisch., Hedwigia 45 : 61. 1905.

Horton Plains, Little World's End road, 17.2.1978, R 17/18, tree branch, R 17/28-3, exposed tree R 17/45-2- Horton Plains, Ohiya road, 18.2.1978, on trees, R 18/76 - Hakgala Gardens, 21.2.1978, tree at 3 m, R 21/19.

Sri Lanka and South India.

*Garovaglia powelli* Mitt. ssp. *densifolia* (Thw. & Mitt.) During, Bryop. Bibl. Sinharaja Forest, 24.2.1978, thin branch, R 24/40.

Sri Lanka, Nepal, Vietnam, Laos, Thailand, Sumatra.

*Symphysodontella involuta* (Thw. & Mitt.) Fleisch., Musci Fl. Buitenzorg 4 : 1674. 1923.

Hunasgiriya Kande, 11.2.1978, young tree near boulder, R 11/24-2 - Knuckles from Lebanon Estate, 12.2.1978, on tree, R 12/115-1 - From Rangala to Corbet's Gap, 13.2.1978, thin tree trunk, R 13/52-1.

Sri Lanka, South India.

*Papillaria cuspidifera* (Tayl.) Jaeg., Ber. S. Gall Naturw. Ges. 1875-76: 271. 1877.

Mount Pidurutalagala, 20.2.1978, on tree, R 20/1.

Sri Lanka, Nilgiri.

*Papillaria feae* Fleisch., Musci Fl. Buitenzorg 3 : 761. 1907.

From Rangala to Corbet's Gap, 13.2.1978, on shurb, R 13/53.

Sri Lanka, India, Burma, Thailand, Vietnam.

*Papillaria flexicaulis* (Wild.) Jaeg., Ber. S. Gall. Naturw. Ges.  
1875-76: 2711. 1877.

From Rangala to Corbet's Gap under tea bush, 13.2.1978, R 13/23 - From  
Corbet's Gap to Rangala, 15.2.1978, hanging on rock, not shaded place,  
R 15/15, on boulder R 15/12-3.

Sri Lanka, India, Formosa, Malesia, Australasia, New Zealand, Chile.

*Papillaria fuscescens* (Hook.) Jaeg., Ber. S. Gall. Naturw. Ges.  
1875-76 : 270. 1877.

Midlands, 10.2.1978, loose between plants on roadside bank, R 10/149-1-  
Hunasgiriya Kande, 11.2.1978, on shrub, R 11/45-1 - Horton Plains,  
Little World's End road, 17.2.1978, rock more shaded, R 17/25-4.

Sri Lanka, India, Himalaya, Indochina, Malesia, New Guinea.

*Papillaria semitorta* (C. Muell.) Jaeg., Ber. S. Gall. Naturw. Ges.  
1875-76 : 271. 1877.

Hakgala Forest, 19.2.1978, branches, R 19/143.

Sri Lanka, Himalaya, India, Western Malesia, China, Formosa.

*Meteorium miquelianum* (C. Muell.) Fleisch. ex Broth., Nat. Pfl.  
1. 3.: 818. 1907.

Sinharaja Forest, 24.2.1978, hanging mosses, R 24/42.

Sri Lanka, North India, Malesia, Australia, Oceania.

*Aerobryopsis wallichii* (Brid.) Fleisch., Musci. Fl. Buitenzorg 3 :  
789. 1907.

Ritigale more or less loose on boulder, 9.2.1978, R 9/155 - Midlands,  
10.2.1978, dry rock, 10/125-1 - Knuckles from Lebanon Estate, 12.2.  
1978, on ground and beside stones, R 12/69- Hakgala Gardens and Forest  
reserve, 19.2.1978, R 19/128-2, side of boulder, R 19/128-2, moss  
covered tree, R 10/149-2- Adam's Peak from Moray Estate, 22.2.1978,  
on ground between bamboos, R 22/13-2 - Sinharaja forest, 24.2.1978, thin  
branch, R 24/48-1.

From Sri Lanka to Pacific Islands.

*Aerobryidium aureo-nitens* (Schwaegr.) Broth., Nat. Pfl. 1,3:820.1906.

From Rangala to Corbet's Gap, 13.2.1978, in forest above rock, R 13/43, on tree, R 13/60, above rock, R 13/37, on earth R 13/43 - Horton Plains, Ohiya road, 18.2.1978, on tree, R 18/74-4 - Sinharaja Forest, 24.2.1978, thin forest, R 24/14.

From Sri Lanka to Thailand.

*Aerobryidium filamentosum* (Hook.) Fleisch. ex Broth., Nat. Pfl. 1.3. 821.1906.

Knuckles from Lebanon Estate, 12.2.1978, tea bush, R 12/63-1 - From Corbet's Gap to Ranagala, 15.2.1978, boulder, R 15/12-2 - Hakgala, 19.2.1978, hanging moss, R 19/151 - Nuwara Eliya to Mount Pidurutalagala 20.2.1978, upon wall under shrub, R 20/3 - Hakgala forest and garden, 21.2.1978, stone in flower bed, R 21/28.

From Sri Lanka, Indochina, to Western Malesia, Formosa and China.

*Neobarbella comes* (Griff.) Nog., J. Hattori Bot. Lab. 3 : 73.1948.

Ella ..... Hakgala, 19.2.1978, fallen branch, R /141-2 - Hakgala Gardens, 21.2.1978, between shrubs, R 21/15.

Sri Lanka.

*Barbella enervis* (Thw. & Mitt.) Fleisch. in Nat. Pfl. 1,3: 824.1906.

Horton Plains, World's End road, 17.2.1978, path side, R 17/31.

Sri Lanka, India, Himalaya, Indochina, Malesia, China, Formosa, Japan.

New Guinea, Australia, New Caledonia, Lord Howe Islands.

*Barbella flagellifera* (Gard.) Noguchi, J.Jap.Bot. 14: 28.1938.

Hunasgiriya Kande, 11.2.1978, tea bush, R 11/8-1 - Horton Plains, Diyagama road, 17.2.1978, tree, R 17/35-4 - Horton Plains, Ohiya road, 18.2.1978, thin tree trunks, forest border, R 18/69.

Sri Lanka, India, Burma, Indochina, Western Malesia, Formosa, Japan.

*Floribundaria aurea* (Mitt.) Broth. ssp. *aurea* Nat. Pfl. 1.3:822.1906.

Adam's Peak, Carney side, 23.2.1978, on ground between shrubs, hanging, R 23/128, hanging on a boulder, R 23/138-1.

Sri Lanka, Himalaya, Burma, Java, Borneo, Philippines, Formosa, China.

*Floribundaria floribunda* (Doz. & Molk.) Fleisch., 44:302.  
1905.

Ritigale, 9.2.1978, on wood, R 9/137, on boulder, R 9/137 - From  
Rangala to Corbet's Gap, 13.2.1978, on wood, R 13/22 - Horton Plains  
Ohiya road, 18.2.1978, hanging on tree stumps, R 18/103.

From Madagascar to Japan, Oceania.

*Chrysocladium retrorsum* (Mitt.) Fleisch., Musci Fl. Buitenzorg 3 :  
829.1907.

From Corbet's Gap to Rangala, 15.2.1978, boulder, path side, R 15/37-3-  
Horton Plains, Diyagama road, 17.2.1978, tree R 17/9-2, R 17/35-1-  
Horton Plains, Little Worlds End road, 17.2.1978, on tree, R 17/32.

Sri Lanka, India, Vietnam, China, Formosa, Japan.

*Meteoriopsis reclinata* (C.Muell.) Fleisch. in Broth., Nat. Pfl. 1,  
3.826. 1906.

From Corbet's Gap to Rangala, 15.2.1978, on boulder, R 15/12-1.

Sri Lanka, Nepal, India, Philippines, China, Formosa, Japan, Thailand.

*Meteoriopsis reclinata* (C.Muell) Fleisch. var. *ceylonensis* Fleisch.  
Musci Fl. Buitenzorg 3 : 834. 1907.

Knuckles from Lebanon Estate, 12.2.1978, boulder in brook, R 12/65-1-  
Horton Plains, World's End road, 17.2.1978, boulder beside the path,  
R 17/12.

Sri Lanka, Himalaya, India, China, Philippines, Java.

*Aerobryum willisii* Fleisch., Musci Fl. Buitenzorg 3 : 846. 1908.

Sudugala, Adam's Peak Wilderness, 26.2.1978, R 26/129.

Sri Lanka, endemic?

*Orthorrhynchium nietneri* C. Muell., Linnaea 36 : 28. 1869.

Hakgala gardens and forest reserve, 19.2.1978, on tree, R 19/113.

Sri Lanka.

*Calyptothecium ~~eville~~evilleianum* (C. Muell.) Broth., Nat. Pfl. 1,3: 839. 1906.

Ritigale, 9.2.1978, boulder, R 9/151 - - Hunasgiriya Kande, 11.2.1978, forest, R 11/50-2 - From Corbet's Gap to Rangala, 15.2.1978, on rock, R 15/13.

From Sri Lanka to Pacific Islands.

*Calyptothecium wightii* (Mitt.) Fleisch., Hedwigia 45 : 62. 1905.

Kitulgala Rest House, 5.2.1978, on tree, R 5/48 - Adam's Peak, Carney side, 23.2.1978, on tree 2-3 m, R 23/117.

South East Asia.

*Neckeropsis andamana* (C. Muell.) Fleisch., Musci. Fl. Buitenzorg 3 : 878. 1904.

Kitulgala Rest House, 5.2.1978, on tree, R 5/46 - Nawalakande and Kodipillikande, 25.2.1978, hanging on big boulder in brook, R 25/19.

Sri Lanka, India, Andaman Islands, Indochina, Java, Luzon.

*Neckeropsis lepineana* (Mont.) Fleisch., Musci. Fl. Buitenzorg 3 : 874. 1904.

Ritigala, 600 m., 9.2.1978, on trunk, R 9/146 - Adam's Peak, Carney side, 23.2.1978, on tree trunk, R 23/175.

From East Africa to Pacific Islands.

*Himantocladium flaccidum* Fleisch., Musci. Fl. Buitenzorg 3 : 887.1908.

Ritigale, 9.2.1978, on boulders, R 9/125.

South East Asia.

*Himantocladium rugulosum* (Mitt.) Fleisch., Musci Fl. Buitenzorg 3 : 886. 1907.

Ritigala, 9.2.1978, on boulders and trees, R 9/160 - Sinharaja forest, 24.2.1978, on boulder, R 24/39 - Nawalakande and Kodipillikande, 25.2.1978., tree base, R 25/16 - Sudugala, Adam's Peak Wilderness, 26.2.1978, R 26/2-4.

Sri Lanka.

*Homaliodendron flabellatum* (Sm.) Fleisch., Hedwigia 45 : 74. 1906.  
Knuckles from Lebanon Estate, 12.2.1978, R 12/105 - From Corbet's  
Gap to Rangala, 15.2.1978, exposed tree trunk, R 15/25-4 - Horton  
Plains, Little World's End road, 17.2.1978, tree base, R 19/111-1, R19/111-2.

From Western Nepal to Japan, Malanesia and Hawaii.

*Thamnobryum subseriatum* (Hook.) Nog. & Iwat., J.Hattori Bot. Lab,  
36 : 470. 1972.

Ritigale, 9.2.1978, on boulders, R 9/138 - Horton Plains, Little World  
End road, 17.2.1978, boulder near the brook, R 17/61.

Widespread species.

*Elmeriobryum philippinense* Broth., Leafl. Philip. Bot. 6 : 974.1915.

Adam's Peak, Carney side, 23.2.1978, hanging on a boulder (same station  
as in Luzon, R 23/?

Endemic of Luzon.

*Dixonia thamnoides* (Broth. & Dix.) Hor. & Ando, Nat. Life S.E.Asia,  
2 : 23.

Ritigale, 300m., 9.2.1978, R 9/142 - Mount Pidurutalagala, 20.2.1978,  
upper side overhanging tree, R 20/44.

Sri Lanka, Himalaya, Thailand.

*Isothecium cf. ceylonense* Fleisch., Musci Fl. Buitenzorg, 3 : 942.  
1908.

Hakgala Gardens, 19.2.1978, tree base, R 19/122-3.

Sri Lanka.

*Distichophyllum cuspidatum* Doz. & Molk., Musc. Frond. Ined. Archp.  
Ind. 101. 1846.

Sri Pada, 22.2.1978, on wet rocks, R 22/108 - Sinharaja Forest, 24.2.  
1978, on thin branches, R 24/48-2.

Sri Lanka, Sumatra, Java, Borneo, Thailand, Vietnam, New Guinea, Caro-  
line Islands, New Caledonia, Society Islands.

*Distichophyllum mittenii* Bosch & Lac., Bryol. Jav. 2 : 25. 1861.

Adam's Peak from Moray Estate, 22.2.1978, decaying tree, R 22/50-3.

Sri Lanka, Cambodia, Malaya, Java, Taiwan, Palawan, Aneitum, New Caledonia.

*Distichophyllum montagneum* (C.Muell.) Bosch & Lac., Bryol. Jav. 2: 23. 1863.

Knuckles from Lebanon Estate, 12.2.1978, boulder in a dry brook, R 12/143.

Sri Lanka, Java.

*Hookeriopsis secunda* (Griff.) Broth., Nat. Pfl. 1,3:942.1907.

Hakgala gardens and forest reserve, 19.2.1978, on tree roots, R19/118.

Sri Lanka, Khasia Hills.

*Hookeriopsis purpurata* (Mitt.) Broth., Nat. Pfl. 1, 3 : 941. 1907.

From Corbet's Gap to Rangala, 15.2.1978, on boulder in a rather open forest, R 15/52 - Mount Pidurutalagala, 20.2.1978, tree base, R 20/33-Adam's Peak from Moray Estate, 22.2.1978, attached to a stone, R 22/42-1.

Sri Lanka, Sikkim.

*Callicostella prabaktiana* (C. Muell.) Bosch & Lac., Bryol. Jav. 2 : 40. 1862.

Sinharaja Forest, 13.2.1978, on the top of a wet rock, near brook, R 13/69.

From Sri Lanka to Pacific Islands.

*Chaetomitrium papillifolium* Bosch & Lac., Bryol. Jav. 2 : 50. 1862.

Kitulgala Rest House, 5.2.1978, R 5/49 - Hakgala forest, 19.2.1978, thin branches, R 19/145.

Sri Lanka, Andaman Islands, Indochina, Western Malesia.

*Lopidium struthiopteris* (Brid.) Fleisch., Musci Fl. Buitenzorg  
3 : 1079. 1908.

Ritigale, 9.2.1978, on stones, R 9/9 - Horton Plains, Little World's  
End road, 17.2.1978, R 17/10-R, R 17/12-1, R 12/60-1.

From Sri Lanka to Pacific Islands.

*Hypopterygium tenellum* C. Muell., Bot. Zeit. 12 : 557. 1854.

From Corbet's Gap to Rangala, 15.2.1978, boulder in rather open forest,  
R 15/53 - Hakgala gardens and forest, 19.2.1978, on tree base, R 19/111  
-1, R 19/111-2 mould on rock, R 19/158.

From Madagascar to New Caledonia.

*Pelekium velatum* Mitt., J. Linn. Soc. Bot. 10 : 1876. 1868.

Hakgala Gardens, 21.2.1978, decaying tree trunks, R 21/7.

From Nepal to Pacific Islands.

*Thuidium cymbifolium* (Doz. & Molk.) Doz. & Molk., Bryol. Jav. 2 : 115.  
1865.

Hunasgiriya Kande, 5.2.1978, stone on path, R 5/9 - From Rangala to  
Corbet's Gap, 13.2.1978, on moist rock, R 13/12 - Adam's Peak, Carney  
Side, 23.2.1978, between shrubs, R 23/126 - Horton Plains, Worlds End  
road, R 17/31 - From Corbet's Gap to Rangala, 15.2.1978, boulder on  
path side, R 15/37-2.

From Himalaya to Japan and Oceania.

*Thuidium glaucinum* (Mitt.) Bosch & Lac., Bryol. Jav. 2 : 117. 1865.

Midlands, 10.2.1978, on stone, R 10/26 - From Rangala to Corbet's  
Gap, 13.2.1978, under tea bushes, R 13/14 - - From Corbet's Gap to  
Rangala, 15.2.1978, small boulder, R 15/24 - , boulder path side, R 15/  
37-3 Adam's Peak from Moray Estate, 22.2.1978, tree base, R 22/114.

Widespread in South and East Asia.

*Thuidium meyenianum* (Hampe) Doz. & Molk., Bryol. Jav. 2 : 121.  
1865.

Ritigale, 9.2.1978, R 9/105, on stone on path, R 9/113, R 9/114-2.

From Nepal to Oceania.

*Haplohymenium pseudo-triste* (G.Muell.) Broth., Nat. Pfl. 1,3,2 : 986. 1907.

Ritigala, 9.2.1978, on vertical rock, R 9/118.

Sri Lanka, Northern Vietnam (Bac Bo) , South Africa, Australia, New Zealand.

*Herpetineuron toccae* (Sull. & Lesq.) Card., Beih. Bot. Centralbt. 19, 2 : 128. 1905.

From Corbet's Gap to Rangala, 15.2.1978, boulder, R 15/19.

Cosmopolitan.

*Homalothecium nilgheriense* (C. Muell.) Robinson, Bryologist 65: 99. 1962.

Horton Plains, Diyagama road, 17.2.1978, beside brook, R 17/63-4, on stone and wood in ditch with water, R 17/53 - Hakgala Gardens, 21.2.1978, on tree, R 21/32.

From Madagascar to Himalaya, Sri Lanka, South India, Java, Philippines, China.

*Rhynchostegiella humillima* (Mitt.) Broth., Nat. Pfl. 1,3 : 1161. 1909.

Ritigala, 9.2.1978, dead wood, R 9/128.

Garhwal, Western Ghats, Nilgiri, Sri Lanka.

*Trachyphyllum inflexum* (Harv.) Gpp. in Hiern., Cast. Welw. Afr. Pl. 2,2 : 299. 1901.

Peradeniya Gardens, 12.2.1978, on roots of *Couroupita guianensis* , R 12/52.

From South Africa to New Caledonia.

*Campylodontium flavescens* (Hook.) Bosch & Lac., Bryol. Jav. 2 : 128. 1865.

Ella..... Hakgala, gardens and forest, 19.2.1978, tree base, R 19/119-3, R 19/112- Horton Plains, Little World's End road, 21.2.1978, on boulder, R 21/24.

From Madagascar to Queensland.

*Gammiella capillacea* (Griff.) P. Tx., Rev. Bryol. Lichenol. 43,4 : 439. 1977.

From Corbet's Gap to Rangala, 15.2.1978, **on trees**, R 15/40-4 - Horton Plains, Little Worlds End road, 17.2.1978, hanging on tree trunk, R 17/50.

From Sri Lanka to New Caledonia.

*Meiothecium microcarpum* (Hook.) Mitt., J. Linn. Soc. Bot. 10 : 185. 1868.

Hunasgiriya Kande, 11.2.1978, roots of *Reythyrium guianensis*, R 11/53

From Sri Lanka to Japan and Pacific Islands.

*Warburgiella leptorrhynchoides* (Mont.) Fleisch., Musci Fl. Buitenzorg 4 : 1253. 1923.

Nuwara Eliya to Mount Pidurutalagala, 20.2.1978, on trunk, R 20/4 - Sri Pada, 22.2.1978, on tree base, R 22/57-1.

Sri Lanka, Nilghiri, Sumatra.

*Sematophyllum caespitosum* (Hedw.) Mitt., J. Linn. Soc. Bot. 12 : 79. 1869.

Kitulgala Rest House, 5.2.1978, on tree, R 5/47.

Cosmopolitan.

*Sematophyllum pilotrichelloides* Card & Dix., Rec. Bot. Surv. India. 6: 88.1914.

Knuckles from Lebanon Estate, 12.2.1978, on tree, R 12/125.

Sri Lanka, endemic.

*Sematophyllum subhumile* (C. Muell.) Fleisch., Musci Fl. Buitenzorg 4 : 1264.1923.

Midlands, 10.2.1978, low on dry rock, R 10/128 - Sri Pada, 22.2.1978, on tree, R 22/6-4.

Sri Lanka, Nilghiri, Indochina, China, Philippines, Sumatra, Java.

*Raphidostichum ramulinum* (Thw. & Mitt.) Broth. fide Fleischer, Musci Fl. Buitenzorg 4 : 1312. 1923.

Knuckles from Lebanon Estate, 12.2.1978, branchlet R 12/86.

Sri Lanka, endemic.

*Acroporium hamulatum* Fleisch., Musci Fl. Buitenzorg 4 : 1294. 1923.

Horton Plains, Diyagama road, 17.2.1978, on tree trunk, R 17/34-4-  
From Nuwara Eliya to Maskeliya, 22.2.1978, on stone and stone in path  
side, R 22/17-2 - - Sudugala, Adam's Peak Wilderness, 26.2.1978, decaying  
tree, R 26/19.

From Sri Lanka to Pacific Islands.

*Acroporium hermaphroditum* (C. Muell.) Fleisch., Musci Fl. Buitenzorg  
4 : 1292. 1923.

Hunasgiriya Kande, 11.2.1978, on tree root, R 11/25-1 - Horton Plains,  
Little Worlds End road, 17.2.1978, R 17/49 - From Nuwara Eliya to  
Maskeliya, 22.2.1978, on top of tree stumps, R 22/23 , on tree trunk,  
R 22/29 - Adams Peak from Moray Estate, 22.2.1978, thickly mossed  
boulder, R 22/47-2.

From Sri Lanka to New Caledonia.

*Acroporium punctiliferum* (Thw. & Mitt.) Fleisch., Musci Fl.  
Buitenzorg 4 : 1274. 1923.

From Nuwara Eliya to Maskeliya 22.2.1978, on tree, R 22/63 - Sinha-  
raja Forest, 24.2.1978, on rock, R 24/43 - on dead tree, R 24/74.

Sri Lanka, endemic.

*Acroporium sigmatodontium* (C. Muell) Fleisch., Musci Fl. Buitenzorg  
4 : 1281. 1923.

Knuckles from Lebanon Estate, 12.2.1978, decaying tree, R 12/141- Mount  
Pidurutalagala, 20.2.1978, fallen branchlet, R 20/49 - Adam's Peak  
from Moray Estate, 22.2.1978, on bamboo, R 22/12.

Sri Lanka, Sumatra, Java, New Guinea, Tahiti.

*Trichosteleum hamatum* (Doz. & Molk.) Jaeg., Ber. S. Gall. Naturw.  
Ges. 1876 - 77 : 420. 1878.

Sinharaja Forest, 24.2.1978, decaying tree trunk R 24/129-2 - Sudugala,  
Adam's Peak Wilderness, 26.2.1978, decaying, R 26/19.

From Sri Lanka to Pacific Islands.

*Trichosteleum monostichum* (Thw. & Mitt.) Broth., Rec. Bot. Surv. India 1: 326. 1899.

Adams Peak from Moray Estate, 22.2.1978, decaying wood, R 22/25.

Sri Lanka.

*Trichosteleum stissophyllum* (Hampe) Jaeg., Ber. S. Gall Naturw. Ges. 1876-77: 417. 1878.

Sinharaja Forest, 24.2.1978, liana, R 24/120 - Sudugala, Adam's Peak Wilderness, 26.2.1978, R 26/9.

Sri Lanka, Malesia.

*Taxithelium nepalense* (Schwaegr.) Broth., Monsunia 1 : 51, 1899.

Kitulgala, Rest House, 5.2.1978, 5.12.1978, 5 5/12 - Maharagama, 6.2.1978, foot of coconut tree, R 6/62, R 6/63-1.

From Central Africa and Madagascar to Pacific Islands.

*Ectropothecium buitenzorgii* (Bel.) Mitt., J. Linn. Soc. Bot. 10: 180, 1868.

Knuckles from Lebanon Estate, forest, 12.2.1978, young tree, R 12/102 - Ella.... Hakgala gardens, 19.2.1978, lying on ground, R 19/169 - From Nuwara Eliya to Maskeliya, 22.2.1978, decaying tree trunk, R 19/169 - Adams Peak from Moray Estate, 22.2.1978, wet rock, R 22/106 - Nawalakande and Kodipillikanda, 25.2.1978, on soil, R 25/7, hanging on big boulder in brook, R 25/18.

From Southern India to Eastern Malesia and Melanesia.

*Ectropothecium chamissonis* (Hornsch.) Jaeg., Ber. S. Gall Naturw. Ges. 1877-78, 1880 (Ad. 2 : 58).

Sinharaja Forest, 24.2.1978, fallen tree, R 24/121.

Moluccas, Banka.

*Ectropothecium cyperoides* (Hook.) Jaeg., Ber. S. Gall. Naturw. Ges. 1877-78: 259. 1880.

Hakgala gardens, 19.2.1978, on tree, R 19/109.

Sri Lanka, Himalaya, Southern India to Pacific Islands.

*Ectropothecium dealbatum* (Reinw. & Hornsch.) Jaeg., Ber. S. Gall Naturw. Ges. 1877-78: 264. 1880.

Adams Peak, Carney side, 23.2.1978, hanging on boulder, R 23/139 -  
 Sinharaja Forest, 24.2.1978, on boulder, R 24/25 - Nawalakanda  
 and Kodipillikanda, 25.2.1978, on brook side, R 25/15 - Sudugala,  
 Adams Peak Wilderness, 26.2.1978, decaying wood, R 26/142.

Sri Lanka, Sumatra, Java, Borneo.

*Ectropothecium laevigatum* Thw. & Mitt., J.Linn. Soc. Bot. 13 : 320.1873.

Hunasgiriya Kande, 11.2.1978, boulder on path side, R 11/22.

Sri Lanka, Vietnam.

*Isopterygium albescens* (Hook.) Jaeg., Ber. S. Gall. Naturw. Ges. 1876-77:  
 433. 1878.

From Corbet's Gap to Rangala, 15.2.1978, on stone, R 15/34.

From Southern India to New Zealand.

*Isopterygium minutirameum* (C.Muell.) Jaeg., Ber. S. Gall Naturw. Ges.  
 1876-77 : 434. 1878 (Ad. 2: 500).

From Rangala to Corbet's Gap, 13.2.1978, boulder near waterfall, R 13/58.

From Sri Lanka to Pacific Islands.

*Isopterygium pohliaecatpum* (Sull. & Lesq.) Jaeg., Ber. S.  
 Gall Naturw. Ges. 1876-77 : 442. 1878.

Knuckles from Lebanon Estate, 12.2.1978, on stone, R 12/49 - Midlands,  
 10.2.1978, rock clefts very moist, R 10/144-1.

Cosmopolitan.

*Taxiphyllum taxirameum* (Mitt.) Fleisch., Musci Fl. Buitenzorg 4 : 1435.  
 1923.

Mount Pidurutalagala, 20.2.1978, steep roadside bank, very shaded, R 20/43 -  
 Adams Peak, from Moray Estate, 22.2.1978, tree base and roots, R 22/100.

Widespread in South and East Asia.

*Vesicularia montagnei* (Bel.) Fleisch. in Broth., Nat. Pfl. 1,2: 1094. 1909.

From Rangala to Corbet's Gap, 13.2.1978, tree base, R 13/65 - Sudugala, Adams Peak Wilderness, 26.2.1978, R 26/27.

Sri Lanka, Himalaya, Indochina, Malesia, Melanesia.

*Vesicularia succosa* (Mitt.) Broth., Nat. Pfl. 1,3 : 1904. 1909.

Sinharaja Forest, 24.2.1978, here and there on bare boulder, R 24/12.

Sri Lanka, Dalhousie-Cahamba, Central India.

*Ctenidium ceylanicum* Gard. in Fleisch. Musci Fl. Buitenzorg 4 : 1462. 1923.

Adams Peak from Moray Estate, 22.2.1978, big boulder, R 22/33.

Sri Lanka, endemic.

*Ctenidium lychnites* (Mitt.) Broth., Nat. Pfl. 1,3 : 1048.1909.

Horton Plains, Ohiya road, 18.2.1978, on tree, R 18/76 - Ella ..... Hakgala, gardens and forest, 19.2.1978, roadside bank under overhanging grasses, R 19/121 - Hakgala forest and garden, 21.2.1978, stone of path, R 21/8 - Adams Peak from Moray Estate, 22.2.1978, path side under shrubs, R 22/120.

Sri Lanka, Naga and Khasia Hills, Southern India.

*Microctenidium leveillanum* (Doz. & Molk.) Fleisch., Musci Fl. Buitenzorg, 4 : 1465. 1923.

Ella..... Hakgala, gardens and forest, 19.2.1978, tree base, R 19/132.

Java.

*Disphycium fasciculatum* Mitt., J. Linn. Soc. Bot. Suppl. 1 : 150. 1859.

Sinha Raja Forest, 24.2.1978, shaded rock above brook, R 24/79-2.

Sri Lanka, endemic.

*Disphycium involutum* Mitt., J. Linn. Soc. Bot. Suppl. 1: 149. 1859.

Knuckles from Lebanon Estate, 12.2.1978, on stone, R 12/118 - Adams Peak, 22.2.1978, more or less dry brook, very moist in this moment, R 22/45.

Sri Lanka, South India (Palni Hills), Khasia Hills, Philippines.

*Atrichum aculeatum* Card. & Varde, Rev. Bryol. 50 : 25. 1923.

Thalduwa, 5.2.1978, roadside bank under rubber estate, R 5/20 - Adams Peak, Carney side, 23.2.1978, R 23/84 - Sinharaja Forest, 24.2.1978, sandy road side bank under forest, R 24/4, on rock, R 24/104 - Nawala-kanda and Kodipillikanda, 25.2.1978, on brook side, R 25/4 - Adams Peak Wilderness, 26.2.1978, on rock, R 26/8.

Sri Lanka, Palni Hills.

*Pogonatum junghuhnianum* (Doz. & Molk.) Doz. & Molk., Bryol. Jav. 1 : 41. 1856.

Midlands, 10.2.1978, part of roadside bank with little vegetation, R 10/130 - Hunasgiriya Kanda, 11.2.1978, R 11/4 - Knuckles from Lebanon Estate, 12.2.1978, forest path side, R 12/81 - Adams Peak from Moray Estate, 22.2.1978, steep and bare roadside bank, R 22/20-2.

From Western Himalaya to Formosa and New Guinea.

*Pogonatum microstomum* (Schwaegr.) Brid., Bryol. Univ. 2 : 745. 1827.

Knuckles from Lebanon Estate, 12.2.1978, tea estate, R 12/60-1 - Mount Pidurutalagala, 20.2.1978, road side bank, R 20/8-2, tree rather shaded, R 20/10.

Sri Lanka, South India, Western Himalaya, China, Formosa, North of Vietnam (Bac Bo), Philippines.

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