

## Supplementary Material

The following is a complete list of validly and legitimately published taxa from the rank of species to order.

### SPECIES AND INFRASPECIFIC TAXA DESCRIBED BY R. M. SCHUSTER (VALIDLY AND LEGITIMATELY PUBLISHED ONLY)

- Acanthocoleus fulvus* R.M.Schust. – Bulletin of the Torrey Botanical Club 97(6): 339. 1970  
*Acrobolbus antillanus* R.M.Schust. – Journal of the Hattori Botanical Laboratory 90: 143. 2001  
*Acrobolbus caducifolius* R.M.Schust. – Journal of the Hattori Botanical Laboratory 90: 154. 2001  
*Acrobolbus debilis* R.M.Schust. – Nova Hedwigia 15: 493. 1968  
*Acrobolbus diversifolius* R.M.Schust. – Journal of the Hattori Botanical Laboratory 90: 150. 2001  
*Acrobolbus laceratus* R.M.Schust. – Phytologia 39(4): 249. 1978  
*Acrobolbus spinifolius* R.M.Schust. – Journal of the Hattori Botanical Laboratory 90: 137. 2001  
*Acrolophozia fuegiana* R.M.Schust. – Nova Hedwigia 15: 499. 1968  
*Acrolophozia pectinata* R.M.Schust. – Revue Bryologique et Lichénologique 34(1/2): 261. 1966  
*Acromastigum cavifolium* R.M.Schust. – Journal of the Hattori Botanical Laboratory 26: 257. 1963  
*Acromastigum rigidum* R.M.Schust. – Nova Hedwigia 64(3/4): 617. 1997  
*Acromastigum stenophyllum* R.M.Schust. – Nova Hedwigia 15: 465. 1968  
*Acroscyphus nitidissimus* R.M.Schust. – Phytologia 56(7): 455. 1985  
*Adelanthus aureomarginatus* R.M.Schust. – Phytologia 39(4): 250. 1978  
*Adelanthus decipiens* subsp. *aureocinctus* R.M.Schust. – Phytologia 39(4): 250. 1978  
*Allisoniella nigra* subsp. *novaehollandiae* R.M.Schust. – Nova Hedwigia 22: 143. 1971  
*Allisoniella nigra* f. *subobtusa* R.M.Schust. – Nova Hedwigia 22: 143. 1971  
*Allisoniella recurva* R.M.Schust. – Nova Hedwigia 22: 146. 1971  
*Allisoniella tasmanica* R.M.Schust. – Nova Hedwigia 22: 145. 1971  
*Amphicephalozia amplexicaulis* R.M.Schust. – Nova Hedwigia 22: 133. 1971  
*Amphijubula spruceana* R.M.Schust. – Journal of the Hattori Botanical Laboratory 33: 301. 1970  
*Amphilejeunea viridissima* R.M.Schust. – Phytologia 39(6): 431. 1978  
*Amphilophoclea sciaphila* R.M.Schust. – Nova Hedwigia 72: 98. 2001  
*Anastrophyllum crenulatum* R.M.Schust. – The Hepaticae and Anthocerotae of North America. II: 740. 1969  
*Anastrophyllum gottscheanum* R.M.Schust. – Revue Bryologique et Lichénologique 34(1/2): 270. 1966  
*Anastrophyllum hypocladopsis* R.M.Schust. – Nova Hedwigia Beiheft 119: 315. 2002  
*Anastrophyllum minutum* subsp. *novaguineanensis* R.M.Schust. – Nova Hedwigia 15: 488. 1968  
*Anastrophyllum novazelandiae* R.M.Schust. – Revue Bryologique et Lichénologique 34(1/2): 282. 1966  
*Anastrophyllum paramicola* R.M.Schust. – Nova Hedwigia Beiheft 119: 316. 2002  
*Anastrophyllum sphenoloboides* R.M.Schust. – The Hepaticae and Anthocerotae of North America. II: 741. 1969  
*Anastrophyllum stellatum* R.M.Schust. – Phytologia 39(4): 243. 1978  
*Andrewsianthus chimbensis* R.M.Schust. – Nova Hedwigia 15: 491. 1968  
*Aneura lobata* subsp. *australis* R.M.Schust. – Phytologia 56(7): 451. 1985  
*Aneura novaecaledoniae* R.M.Schust. – Phytologia 56(7): 451. 1985  
*Aneura subaquatica* R.M.Schust. – Phytologia 56(7): 450. 1985  
*Aneura subcanaliculata* R.M.Schust. – Journal of the Hattori Botanical Laboratory 67: 60. 1989  
*Anomomarsupella cephalozielloides* R.M.Schust. – Nova Hedwigia 17: 79. 1969  
*Aphanolejeunea ephemeroidea* R.M.Schust. – Journal of the Elisha Mitchell Scientific Society 71: 130. 1955  
*Aphanolejeunea gracilis* var. *linearifolia* R.M.Schust. – Phytologia 45(5): 434. 1980  
*Aphanolejeunea heterophylla* R.M.Schust. – Journal of the Elisha Mitchell Scientific Society 71: 128. 1955  
*Aphanolejeunea jamaicensis* R.M.Schust. – Phytologia 45(5): 434. 1980  
*Aphanolejeunea lancifera* R.M.Schust. – Phytologia 45(5): 434. 1980  
*Aphanolejeunea minuta* R.M.Schust. – The Hepaticae and Anthocerotae of North America. IV: 1310. 1980  
*Aphanolejeunea subsphaeroidea* R.M.Schust. – Phytologia 39(6): 431. 1978  
*Apomarsupella revoluta* subsp. *novoguineanensis* R.M.Schust. – Journal of the Hattori Botanical Laboratory 80: 90.  
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*Arachniopsis minima* R.M.Schust. – Nova Hedwigia 10(1/2): 24. 1965

- Arachniopsis monocera* Mitt. ex R.M.Schust. et Grolle – Nova Hedwigia 10(1/2): 25. 1965  
*Archeochaete grolleana* R.M.Schust. – Nova Hedwigia 15: 441. 1968  
*Archeochaete kuehnemannii* R.M.Schust. – Journal of the Hattori Botanical Laboratory 26: 262. 1963  
*Archeochaete temnomoides* R.M.Schust. – Candollea 21(1): 129. 1966  
*Archeophylla paradoxa* R.M.Schust. – Transactions of the British Bryological Society 4(5): 810. 1965  
*Ascidiotha blepharophylla* subsp. *alaskana* Steere et R.M.Schust. – Bulletin of the Torrey Botanical Club 87(3): 213.  
1960  
*Aspiromitus appalachianus* R.M.Schust. – Phytologia 63(3): 199, 200. 1987  
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*Athalamia pygmaea* R.M.Schust. – Phytologia 57(6): 411. 1985  
*Aureolejeunea aurifera* R.M.Schust. – Phytologia 39(6): 429. 1978  
*Aureolejeunea fulva* R.M.Schust. – Phytologia 39(4): 429. 1978  
*Aureolejeunea paramoensis* R.M.Schust. – Phytologia 39(6): 428. 1978  
*Aureolejeunea quinquecarinata* R.M.Schust. – Phytologia 39(6): 429. 1978  
*Astrofossombronia marionensis* R.M.Schust. – Hikobia 11: 441. 1994  
*Astrolophozia andina* R.M.Schust. – Nova Hedwigia 15: 495. 1968  
*Astrolophozia paradoxa* R.M.Schust. – Journal of the Hattori Botanical Laboratory 26: 282. 1963  
*Balantiopsis lingulata* R.M.Schust. – Bulletin of the National Science Museum, Tokyo (n.ser.) 11(1): 26. 1968  
*Bragginsella anomala* R.M.Schust. – Bryologist 100(3): 363. 1997  
*Calypogeia fissa* subsp. *neogaea* R.M.Schust. – The Hepaticae and Anthocerotae of North America. II: 169. 1969  
*Calypogeia muelleriana* subsp. *blomquistii* R.M.Schust. – The Hepaticae and Anthocerotae of North America. II:  
187. 1969  
*Calypogeia obovata* R.M.Schust. – Phytologia 39(4): 242. 1978  
*Calypogeia sphagnicola* f. *bidenticulata* R.M.Schust. – The Hepaticae and Anthocerotae of North America. II: 141.  
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*Calyptrocolea gemmipara* R.M.Schust. – Revue Bryologique et Lichénologique 34(3/4): 695. 1966  
*Calyptrocolea perssonii* R.M.Schust. – Revue Bryologique et Lichénologique 34(3/4): 699. 1966  
*Cardiolejeunea cardiantha* R.M.Schust. et Kachroo – Beihefte zur Nova Hedwigia 9: 150. 1963  
*Cephalolobus hodgsoniae* R.M.Schust. – Revue Bryologique et Lichénologique 34(1/2): 254. 1966  
*Cephalolobus sphenoloboides* R.M.Schust. – Revue Bryologique et Lichénologique 34(1/2): 251. 1966  
*Cephalolobus squarrosum* R.M.Schust. – Revue Bryologique et Lichénologique 34(1/2): 256. 1966  
*Cephalozia catenulata* f. *grandiretis* R.M.Schust. – The Hepaticae and Anthocerotae of North America. III: 746.  
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*Cephalozia connivens* var. *bifida* R.M.Schust. – The Hepaticae and Anthocerotae of North America. III: 809. 1974  
*Cephalozia macrostachya* subsp. *australis* R.M.Schust. – The Hepaticae and Anthocerotae of North America. III:  
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*Cephalozia pachycaulis* R.M.Schust. – Bryologist 96(4): 623. 1993  
*Cephalozia pleniceps* var. *caroliniana* R.M.Schust. – The Hepaticae and Anthocerotae of North America. III: 780.  
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*Cephalozia venezuelana* R.M.Schust. – Phytologia 39(6): 425. 1978  
*Cephaloziella aenigmatica* R.M.Schust. – Nova Hedwigia 63(1/2): 20. 1996  
*Cephaloziella arctica* subsp. *subantarctica* R.M.Schust. – Nova Hedwigia 22: 197. 1971  
*Cephaloziella aterrima* var. *crassigyna* R.M.Schust. – Nova Hedwigia 22: 211. 1971  
*Cephaloziella byssacea* subsp. *grandiretis* R.M.Schust. – Nova Hedwigia 22: 195. 1971  
*Cephaloziella byssacea* var. *polystratosa* R.M.Schust. et Damsh. – Phytologia 63(5): 327. 1987  
*Cephaloziella densifolia* R.M.Schust. – Nova Hedwigia 22: 199. 1971  
*Cephaloziella densifolia* var. *dubia* R.M.Schust. – Nova Hedwigia 22: 202. 1971  
*Cephaloziella exigua* R.M.Schust. – Nova Hedwigia 63(1/2): 49. 1996  
*Cephaloziella grisea* R.M.Schust. – Phytologia 39(6): 425. 1978  
*Cephaloziella hispidissima* R.M.Schust. – Nova Hedwigia 22: 208. 1971  
*Cephaloziella inaequalis* R.M.Schust. – Nova Hedwigia 22: 186. 1971  
*Cephaloziella invisa* R.M.Schust. – Nova Hedwigia 63(1/2): 30. 1996  
*Cephaloziella mammillifera* R.M.Schust. et Damsh. – Phytologia 63(5): 327. 1987  
*Cephaloziella muelleriana* R.M.Schust. – Nova Hedwigia 63(1/2): 24. 1996

- Cephaloziella nothogena* R.M.Schust. – Nova Hedwigia 63(1/2): 37. 1996
- Cephaloziella obtusilobula* R.M.Schust. – The Hepaticae and Anthocerotae of North America. IV: 108. 1980
- Cephaloziella pellucida* R.M.Schust. – Nova Hedwigia 63(1/2): 57. 1996
- Cephaloziella pulcherrima* R.M.Schust. – Nova Hedwigia 22: 203. 1971
- Cephaloziella pulcherrima* subsp. *sphagnicola* R.M.Schust. – Nova Hedwigia 22: 205. 1971
- Cephaloziella rubella* var. *arctogena* R.M.Schust. – The Hepaticae and Anthocerotae of North America. IV: 125. 1980
- Cephaloziella rufobrunnea* R.M.Schust. – Nova Hedwigia Beiheft 119: 144. 2002
- Cephaloziella stolonifera* R.M.Schust. – Phytologia 39(6): 426. 1978
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- Cephaloziella uncinata* R.M.Schust. – Meddelelser om Grønland 199(1): 316. 1974
- Cephaloziella uncinata* var. *brevigyna* R.M.Schust. et Damsh. – Phytologia 63(5): 327. 1987
- Cephaloziella uncinata* var. *sphagnicola* R.M.Schust. – Meddelelser om Grønland 199(1): 323. 1974
- Ceratolejeunea confusa* R.M.Schust. – Journal of the Elisha Mitchell Scientific Society 72(2): 313. 1956
- Cheirolejeunea aciculifera* R.M.Schust. – Phytologia 45(5): 428. 1980
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- Cheirolejeunea invaginata* R.M.Schust. – Phytologia 39(6): 427. 1978
- Cheirolejeunea mammifera* R.M.Schust. – Phytologia 45(5): 429. 1980
- Cheirolejeunea nana* R.M.Schust. – Phytologia 39(6): 426. 1978
- Cheirolejeunea novaezelandiae* R.M.Schust. – Phytologia 56(7): 459. 1985
- Cheirolejeunea polyantha* var. *caduciloba* R.M.Schust. – The Hepaticae and Anthocerotae of North America. IV: 887. 1980
- Chiloscyphus ambiguus* R.M.Schust. – Nova Hedwigia Beiheft 120: 58. 2021
- Chiloscyphus brunneorhizus* R.M.Schust. – Nova Hedwigia Beiheft 120: 84. 2021
- Chiloscyphus multipinnus* J.J.Engel et R.M.Schust. – Nova Hedwigia 39: 419. 1984
- Cololejeunea diaphana* var. *cristulata* R.M.Schust. – Journal of the Elisha Mitchell Scientific Society 72(1): 112. 1956
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- Cololejeunea falcidentata* R.M.Schust. – Nova Hedwigia 15: 507. 1968
- Cololejeunea fragilis* R.M.Schust. – Phytologia 56(7): 458. 1985
- Cololejeunea inflexifolia* R.M.Schust. – Phytologia 56(7): 458. 1985
- Cololejeunea mizutanii* R.M.Schust. et Inoue – Bulletin of the National Science Museum, Tokyo 17: 235. 1974
- Cololejeunea papulosa* R.M.Schust. – Phytologia 45(5): 433. 1980
- Cololejeunea parallelifolia* R.M.Schust. – Phytologia 45(5): 433. 1980
- Cololejeunea pulchella* var. *stylifera* R.M.Schust. – Phytologia 56(7): 458. 1985
- Conoscyphus trapezioides* subsp. *obtusifolius* R.M.Schust. – Nova Hedwigia Beiheft 120: 213. 2021
- Conoscyphus trapezioides* subsp. *pocsii* R.M.Schust. – Nova Hedwigia Beiheft 120: . 2021
- Cryptocolea imbricata* R.M.Schust. – American Midland Naturalist 49(2): 417. 1953
- Cryptostipula inundata* R.M.Schust. – Nova Hedwigia Beiheft 119: 398. 2002
- Cyclolejeunea marginata* R.M.Schust. – Phytologia 39(6): 430. 1978
- Cylindrocolea andersonii* R.M.Schust. – The Hepaticae and Anthocerotae of North America. IV: 33. 1980
- Cylindrocolea sprucei* R.M.Schust. – Nova Hedwigia 22: 163. 1971
- Cyrtolejeunea antillana* R.M.Schust. – Bulletin of the Torrey Botanical Club 97(6): 336. 1970
- Cyrtolejeunea venezuelana* R.M.Schust. – Phytologia 39(6): 426. 1978
- Dactylolejeunea acanthifolia* R.M.Schust. – Bulletin of the Torrey Botanical Club 97(6): 343. 1970
- Dianthelia steerei* R.M.Schust. – Bryologist 52(3): 105. 1949
- Dicladolejeunea anomala* R.M.Schust. – Journal of the Hattori Botanical Laboratory 75: 221. 1994
- Diplasiolejeunea papilionacea* R.M.Schust. – Phytologia 39(6): 431. 1978
- Diplophyllum andicola* R.M.Schust. – Phytologia 39(4): 248. 1978
- Diplophyllum apiculatum* var. *obtusatum* R.M.Schust. – American Midland Naturalist 49(2): 432. 1953
- Diplophyllum dioicum* R.M.Schust. – Bulletin of the National Science Museum, Tokyo (n.ser.) 11(1): 20. 1968
- Diplophyllum taxifolium* var. *mucronatum* R.M.Schust. – The Hepaticae and Anthocerotae of North America. III: 203. 1974
- Diplophyllum verrucosum* R.M.Schust. – Bulletin of the National Science Museum, Tokyo (n.ser.) 11(1): 19. 1968

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*Drepanolejeunea sabaliana* R.M.Schust. – Journal of the Elisha Mitchell Scientific Society 83(4): 215. 1967  
*Drepanolejeunea submuricata* R.M.Schust. – Phytotaxa 208(1): 98. 2015  
*Drepanolejeunea urceolata* R.M.Schust. – Phytologia 39(6): 427. 1978  
*Echinocolea dilatata* subsp. *antillana* R.M.Schust. – Phytologia 45(5): 426. 1980  
*Eremonotus confusus* Steph. ex R.M.Schust. – Journal of the Hattori Botanical Laboratory 26: 279. 1963  
*Frullania appalachiana* R.M.Schust. – Phytologia 53(5): 366. 1983  
*Frullania gemmipara* R.M.Schust. et S.Hatt. – Journal of the Hattori Botanical Laboratory 44: 547. 1978  
*Frullania inflata* var. *communis* R.M.Schust. – Phytologia 57(5): 372. 1985  
*Frullania inflata* var. *stylifera* R.M.Schust. – Phytologia 53(5): 366. 1983  
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*Frullania sabaliana* R.M.Schust. – Phytologia 53(5): 365. 1983  
*Frullania taxodiocola* R.M.Schust. – Phytologia 53(5): 364. 1983  
*Gackstroemia alpina* R.M.Schust. – Journal of the Hattori Botanical Laboratory 36: 349. 1972  
*Gackstroemia novae-zelandiae* R.M.Schust. et J.J.Engel – Phytotaxa 118(1): 10. 2013  
*Gongylanthus innovans* var. *sanguineus* R.M.Schust. – Nova Hedwigia Beiheft 120: 564. 2021  
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*Gymnomitrion asperulatum* R.M.Schust. – Acta Academiae Paedagogicae Agriensis, Sectio Biologiae 24: 114. 2003  
*Gymnomitrion mucrophorum* R.M.Schust. – Bryologist 98(2): 243. 1995  
*Gymnomitrion strictum* var. *inaequale* R.M.Schust. – Journal of the Hattori Botanical Laboratory 80: 118. 1996  
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*Haplomitrium ovalifolium* R.M.Schust. – Bryologist 74(2): 136. 1971  
*Harpalejeunea grandistipula* R.M.Schust. – Journal of the Hattori Botanical Laboratory 87: 290. 1999  
*Harpalejeunea ovata* subsp. *integra* R.M.Schust. – Journal of the Elisha Mitchell Scientific Society 83(4): 199. 1967  
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*Herzogobryum filiforme* R.M.Schust. – Phytologia 45(5): 422. 1980  
*Heteroscyphus rotundifolius* R.M.Schust. – Nova Hedwigia Beiheft 120: 110. 2021  
*Hygrolejeunea alaskana* R.M.Schust. et Steere – Bulletin of the Torrey Botanical Club 85(3): 190. 1958  
*Hygrolembidium isophyllum* R.M.Schust. – Nova Hedwigia 15: 467. 1968  
*Hygrolembidium rigidum* R.M.Schust. et J.J.Engel – Phytologia 62(1): 9. 1987  
*Hygrolembidium triquetrum* J.J.Engel et R.M.Schust. – Phytologia 62(1): 11. 1987  
*Isotachis olivacea* R.M.Schust. – Journal of the Hattori Botanical Laboratory 83: 207. 1997  
*Kurzia caduciloba* R.M.Schust. – Nova Hedwigia Beiheft 118: 273. 2000  
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*Leiomitra hirticaulis* R.M.Schust. – Nova Hedwigia 73(3/4): 472. 2001  
*Leiomitra mastigophoroides* R.M.Schust. – Phytologia 45(5): 416. 1980  
*Lejeunea androgyna* R.M.Schust. – Phytologia 45(5): 432. 1980  
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*Lejeunea calcicola* var. *mexicana* R.M.Schust. – Journal of the Elisha Mitchell Scientific Society 73(2): 408. 1957  
*Lejeunea capillaris* subsp. *antillana* R.M.Schust. – Phytologia 45(5): 433. 1980  
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*Lejeunea cyanophora* R.M.Schust. – Journal of the Hattori Botanical Laboratory 26: 246. 1963  
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- Lophochaete quadrilaciniata* var. *pleomorpha* R.M.Schust. – Candollea 21(1): 108. 1966
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- Lophocolea appalachiana* R.M.Schust. – The Hepaticae and Anthocerotae of North America. IV: 208. 1980
- Lophocolea cuspidata* subsp. *antipodea* R.M.Schust. – The Hepaticae and Anthocerotae of North America. IV: 203.  
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- Lophozia alpestris* subsp. *polaris* R.M.Schust. – The Hepaticae and Anthocerotae of North America. II: 614. 1969
- Lophozia alpestris* f. *sphagnorum* R.M.Schust. – The Hepaticae and Anthocerotae of North America. II: 619. 1969
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- Lophozia autoica* var. *subalpina* R.M.Schust. – Nova Hedwigia 15: 482. 1968
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