

Sphagnotheca Boreali-americana: Fascicle II

Abstract. *Fascicle II of Sphagnotheca Boreali-americana is published concurrently with this article. Sphagnum lescurii Sull. includes S. auriculatum Schimp. and S. inundatum Russow. S. perfoliatum L.Sav. is considered synonymous with S. orientale L. Sav. Sphagnum subobesum is reported for the first time outside Japan.*

Fascicle II of *Sphagnotheca Borealli-americana* adds 19 additional species to the 36 contained in Fascicle I (Andrus & Vitt, 1975). Included are the eight Section *Subsecunda* species recognized by the authors for North America. Although further taxonomic papers will discuss these species in greater detail, a few comments are pertinent at this time.

Sphagnum inundatum Russow (1884) and *S. auriculatum* Schimp. (1857) are considered to be synonymous with *S. lescurii* Sull. (1856), an epithet seemingly overlooked by European bryologist (Andrus, 1974). *Sphagnum orientale* Sav. L. is considered to include *S. perfoliatum* Sav. L., since examination of numerous collections from both Eurasia and North America have convinced the authors that the two taxa are conspecific. *Sphagnum subobesum* Warnst., a section *Subsecunda* species previously reported only from Japan (Suzuki, 1958), was first collected in North America by W. B. Schofield, who was kind enough to draw out attention to it. It is known from North America only from the Queen Charlotte Islands in British Columbia.

Publication date for Fascicle II is concurrent with issuance of this number of THE BRYOLOGIST, the date of the accession into the University of Alberta herbarium. The following list itemizes the numbers in Fascicle II.

Sphagnum

51. *S. contortum* K.F.Schultz [British Columbia]
 52. *S. contortum* K.F.Schultz [New York]
 53. *S. contortum* K.F.Schultz [New York]
 54. *S. subsecundum* Nees [British Columbia]
 55. *S. subsecundum* Nees [New York]
 56. *S. subsecundum* Nees [New York]
 57. *S. pylaesii* Brid. [New York]
 58. *S. lescurii* (= *S. auriculatum* Schimp. and *S. inundatum* Russow syn. nova) [New York]
 59. *S. lescurii* Sull. [New York]
 60. *S. pylaesii* Brid. [New York]
 61. *S. subsecundum* Nees [British Columbia]
 62. *S. orientale* L.Sav. (= *S. perfoliatum* L.Sav. syn. nova) [Northwest Territories]
 63. *S. molle* Sull. [North Carolina]
 64. *S. wulfianum* Girg. [Minnesota]
 65. *S. strictum* Sull. [New York]
 66. *S. compactum* DC. [New York]
 67. *S. magellanicum* Brid. [New York]
 68. *S. imbricatum* Russow [New York]
 69. *S. henryense* Warnst. [New York]
 70. *S. imbricatum* Russow [New York]
 71. *S. papillosum* Lindb. [New York]
 72. *S. centrale* C.Jens. [New York]
 73. *S. centrale* C.Jens. [New York]
 74. *S. warnstorffii* Russow [Alberta]
 75. *S. warnstorffii* Russow [Alberta]
 76. *S. mendocinum* Sull. & Lesq. [Idaho]
 77. *S. aongstroemii* C.Hartm. [Yukon]
 78. *S. aongstroemii* C.Hartm. [British Columbia]
 79. *S. nemoreum* Scop. [Yukon]
 80. *S. nemoreum* Scop. [British Columbia]
 81. *S. tenellum* (Brid.) Brid. [British Columbia]
 82. *S. subobesum* Warnst. [British Columbia]
 83. *S. fimbriatum* Wils. [British Columbia]
 84. *S. russowii* Warnst. [British Columbia]
 85. *S. russowii* Warnst. [British Columbia]
 86. *S. lenense* H.Lindb. [Yukon]
 87. *S. majus* (Russow) C.Jens. [British Columbia]
 88. *S. mendocinum* Sull. & Lesq. [British Columbia]
 89. *S. balticum* (Russow) C.Jens. [Yukon]
 90. *S. palustre* L. [California]
 91. *S. subnitens* Russow & Warnst. [California]
 92. *S. platyphyllum* (Braithw.) Warnst. [New York]
 93. *S. bartlettianum* Warnst. [North Carolina]
 94. *S. cyclophyllum* Sull. & Lesq. [North Carolina]
 95. *S. perichaetiale* Hampe [North Carolina]
 96. *S. portoricense* Hampe [Florida]
 97. *S. warnstorffii* Russow [Alberta]
 98. *S. subsecundum* Nees [British Columbia]
 99. *S. compactum* DC. [British Columbia]
 100. *S. compactum* DC. [Yukon]

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