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The
British Bryological Society

Census Catalogue
OF
British Sphagna

Compiled for the B.B.S.

by

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PREFATORY NOTE.

Since the last edition of the Census Catalogue (1926) the following alterations have been made :—

Sphagnum strictum Sulliv. and *S. americanum* Warnst., were discovered in Perthshire by Mr. J. Lid. The former is a well marked species common in Europe and N. America ; the latter might well be termed a doubtful species, and I have followed Warnstorff's *Sphagnologia Universalis* (1911) in placing it as a variety of *S. molle* Sulliv.

S. riparioides Warnst., was admitted in error, and has been removed from the present edition.

S. serratum Aust., has been reduced to a variety of *S. cuspidatum* Ehrh.

S. hercynicum W. var. *Binsteadii* Wheldon is a form of *S. inundatum* W.

S. aquatile W., is only a form of *S. auriculatum* Schimp.

S. rufescens W., is not a British species, and has been removed from the present edition.

I have had the advantage of the valuable co-operation of Mr. A. Thompson in the preparation of these notes.

W. R. SHERRIN.

London,

September, 1937.

BRITISH BRYOLOGICAL SOCIETY.

Census Catalogue of British Sphagna.

This Catalogue supersedes all previous catalogues of British Sphagna issued by the Society.

Sphagnum Dill.

ACUTIFOLIA SCHLIEPH.

1. **S. fimbriatum** *Wils.* 1-3, 5, 8-14, 16-19, 21-23, 25-27, 30, 34-40, 43-46, 48-50, 54, 57-73, 75, 77, 81, 83, 85, 86, 90-92, 95-97, 99-102, 104, 106, 108-112. I. 20, 30, 33-35, 37-40.
 - a. *robustum* *Braithw.* 1, 2, 5, 9, 17, 36, 58, 59, 62, 63. I. 38.
 - b. *validius* *Card.* 2, 5, 9, 11, 12, 17, 22, 30, 35, 36, 48, 49, 57-60, 62-66, 69, 71, 77, 95, 96, 104, 109, 111.
 - c. *intermedium* *Russ.* 2, 5, 11, 17, 18, 22, 36, 48, 54, 57, 58, 60-63, 65, 66, 69, 95. I. 34.
 - d. *tenue* *Grav.* 2, 22, 36, 38, 48, 54, 57-64, 68, 69, 109. I. 37, 38, 40.
 - e. *laxifolium* *Warnst.* 2, 17, 19, 36, 54, 57, 59, 62-65.
 - f. *concinnum* *Berggr.* 66, 85.
 - g. *flavescens* *Warnst.* 27, 38, 41, 49, 54, 57, 67, 109.
2. **S. Girgensohnii** *Russ.* 5, 24, 46, 48-50, 57, 60, 62, 65-67, 69, 71-73, 75, 81, 83, 85-88, 90-92, 96-100, 105, 108, 109, 111. I. 20, 34, 38, 39.
 - a. *robustum* *Warnst.* 5, 24, 62, 63, 65, 67, 69, 87, 88, 96, 109, 111.
 - b. *microcephalum* *Warnst.* 5, 62, 65, 67, 69, 75, 86, 91, 98, 105.
 - c. *gracilescens* *Grav.* 57, 65, 66, 69, 71, 88, 96, 101, 105 (107 or 108).
 - d. *stachyodes* *Russ.* 48, 49, 57, 62, 65, 66, 88, 90, 96, 105, 109.
3. **S. Russowii** *Warnst.* 42, 45, 46, 48, 50, 57, 60, 62, 65, 67, 69-71, 77, 85, 88, 90, 92, 96, 109, 111. I. 34, 39.
 - a. *girgensohniodes* *Russ.* 46, 57, 60, 62, 65-67, 71, 77, 88, 90, 92, 96, 109, 111.
4. **S. fuscum** *Schp.* 1, 46, 48, 49, 60, 65-71, 73, 74, 79, 88, 90-92, 94, 96, 98, 107. I. 2, 18, 32-34, 38-40.
5. **S. Warnstorffii** *Russ.* 5, 48, 49, 57, 58, 60-62, 65, 66, 68-70, 79, 88, 90, 92, 105, 109.

6. *S. rubellum* *Wils.* 1-5, 8, 9, 11-14, 16, 17, 22, 24, 27, 30, 35, 36, 38-40, 44-49, 51-55, 57, 58, 60, 62-67, 69-73, 75, 77, 79-83, 85, 86, 88-99, 102, 104-111. I. 1-3, 6-10, 12, 14, 16-18, 20, 21, 23, 27, 28, 30, 31, 33-40.
7. *S. subtile* (*Russ.*) *Warnst.* 88, 92, 96, 99.
8. *S. acutifolium* *Ehrh.* 1-6, 9-17, 19-28, 30, 32, 34, 36-41, 45, 47-88, 90-92, 94-105, 107-110, 112. C., I. 1-9, 16-21, 25-40.
9. *S. quinquefarium* *Lindb.* 1, 2, 4, 5, 13-15, 17, 35, 37-39, 42, 44, 46-50, 57, 60, 62-70, 72, 73, 79, 86, 88, 90, 92, 94, 96, 99, 100, 105, 107-109. I. 1-3, 6, 7, 14, 16, 27, 29, 33-36, 38, 39.
10. *S. plumulosum* *Röll.* 1, 6, 9, 11-19, 22, 24-27, 34-38, 40-51, 54-73, 75, 77, 82, 86, 88-91, 93, 95, 96, 98-100, 102, 104-111. I. 1-3, 6-9, 11-13, 15, 16, 18, 20, 25-28, 30-40.
11. *S. tenerum* (*Aust.*) *Warnst.* 4, 5, 36, 63, 81, 88, 99.
12. *S. molle* *Sull.* 12, 14, 17, 22, 34, 44, 45, 48, 49, 57, 62, 66, 68, 69, 73, 75, 83, 88, 91, 108, 110, 112. I. 34, 35, 37-40.
 - a. *molluscoides* *Warnst.* 4, 16, 32, 48, 62, 66, 70, 75.
 - b. *limbatum* *Warnst.* 17, 62, 64, 86, 88, 99, 100.

RIGIDA WARNST.

13. *S. compactum* *D.C.* 1-6, 8, 9-14, 16, 17, 19, 21, 22, 24, 27, 34, 35, 45, 48, 49, 54, 55, 58, 60-62, 64-73, 75-79, 82-88, 90-92, 94-99, 101-105, 108-111. I. 1, 2, 6, 14, 16-21, 27, 28, 30-39.
 - a. *squarrosus* *Russ.* 9, 11, 14, 17, 19, 21, 27, 34, 62, 73, 75, 91.
 - b. *subsquarrosus* *Warnst.* 2, 3, 5, 9-12, 17, 22, 24, 35, 37-49, 54, 56, 60-62, 64, 66, 67, 69, 70, 75, 79, 88. I. 1, 2, 6, 27, 31, 33, 35, 39.
 - c. *imbricatum* *Warnst.* 3, 8-11, 17, 22, 27, 34, 45, 48, 49, 54, 60-62, 65-69, 71, 73, 75, 82, 84, 91, 92, 94-96, 98, 101, 109. I. 2, 3, 6, 8, 16, 27, 31, 36-39.
14. *S. strictum* *Sull.* 49, 73, 88, 97, 98. I. 3.

SQUARROSA SCHLIEP.

15. *S. squarrosus* *Pers.* 1-3, 5, 8-10, 12-14, 16-20, 22, 23, 25-27, 30, 34-40, 44, 46, 48-50, 52, 55-66, 68-73, 75-77, 79-81, 83, 85, 86, 88, 90-92, 94, 96, 98, 99, 103, 105-109, 112. I. 2, 4, 5, 7, 8, 13, 16, 20-22, 27, 31-34, 36-39.
 - a. *spectabile* *Russ.* 1, 2, 5, 16, 17, 30, 38, 46, 49, 50, 57-66, 69-71, 79, 88. I. 7, 8, 33, 34, 36-39.
 - b. *subsquarrosus* *Russ.* 1, 13, 14, 17-19, 25, 34, 36, 48, 49, 54, 58-60, 62-69, 71, 90, 91, 95, 109. I. 27, 33, 37, 39.
 - c. *imbricatum* *Schp.* 10, 13, 30, 35, 38, 48, 54, 58, 59, 63, 71, 90, 96. I. 8, 38.

16. **S. teres** *Angstr.* 4, 5, 11, 13, 14, 17, 27, 38, 40, 42, 46-50, 57-60, 62, 64-66, 69, 71, 73, 75-78, 86-88, 90, 91, 95, 96, 99, 100, 109. I. 20, 34, 37-39.
- a. *imbricatum* *Warnst.* 4, 5, 11, 17, 27, 38, 48, 49, 65-69, 71, 75, 88, 90, 91, 96, 99, 109.
- b. *subteres* *Lindb.* 13, 14, 40, 42, 48, 49, 57, 59, 60, 62, 65, 66, 69, 71, 88, 91, 100, 109. I. 37-39.
- c. *squarrosulum* *Warnst.* 13, 14, 17, 40, 47, 48, 58-60, 62, 63, 66, 69, 88, 91, 109.

CUSPIDATA *SCHLIEPH.*

17. **S. Lindbergii** *Schp.* 106, 112.
18. **S. riparium** *Angstr.* 24, 38, 58, 60, 61, 67.
19. **S. obtusum** *Warnst.* 9, 59, 60, 62.
- a. *riparoides* *Warnst.* 59, 60.
- b. *recurviforme* *Warnst.* 59, 60, 62.
- c. *tenellum* *Warnst.* 59.
20. **S. amblyphyllum** *Russ.* 2-6, 9-12, 14-18, 22, 24, 27, 35, 36, 39, 41, 42, 46, 48, 57, 59-67, 69-71, 96, 100, 107-109. I. 1, 3, 28, 39, 40.
- a. *macrophyllum* *Warnst.* 2, 6, 22, 24, 35, 36, 57, 61, 64, 69, 98.
- b. *mesophyllum* *Warnst.* 2-5, 9-12, 14-18, 22, 24, 35, 41, 42, 46, 48, 54, 57, 59-67, 69-71, 88, 91, 93, 96, 98, 107-109. I. 1, 3, 28, 40.
- c. *parvifolium* *Warnst.* 17, 27, 35, 46, 57, 62-66, 69, 71, 96, 100, 107, 109. I. 39.
21. **S. balticum** *Russ.* 1, 57, 63, 73, 92, 107.
22. **S. Torreyanum** *Sulliv.* 40, 48, 59, 60.
23. **S. pulchrum** *Warnst.* 1, 3, 5, 9, 11, 12, 14, 16, 17, 22, 24, 38-40, 46, 48, 49, 54, 57-64, 66, 69-71, 88, 96, 99, 109. I. 2, 3, 31, 34, 38.
24. **S. recurvum** *P. de Beauv.* 2, 4, 9-12, 14-18, 21, 22, 24, 27, 35-39, 41, 42, 45, 46, 48, 51, 57-72, 75, 78, 79, 84, 88, 90, 99, 107-110. I. 6, 7, 27, 35, 37-40.
- a. *robustum* *Breidl.* 2, 11, 14, 16, 17, 22, 24, 35, 36, 41, 42, 46, 48, 57-60, 62-69, 86, 88, 93, 99, 107, 109. I. 2, 39.
- b. *majus* *Angstr.* 2, 5, 8-12, 14-18, 22, 24, 27, 35-39, 42, 46, 48-51, 54, 57-67, 69-72, 78, 79, 84, 88, 91, 93, 95, 108, 109. I. 1, 6, 34, 36, 39, 40.
- c. *parvulum* *Warnst.* 5, 11, 16, 17, 24, 27, 35-38, 45, 46, 48, 50, 51, 57-60, 62, 63, 65-67, 69, 71, 75, 88, 90. I. 34.
25. **S. fallax** *Klinggr.* 2, 9, 11, 13, 15-18, 21, 24, 35, 37, 38, 42, 54, 55, 57, 62-65, 67, 69, 70, 77, 88, 90, 98, 99. I. 1, 39.
- a. *laxifolium* *Warnst.* 38, 55, 57, 62-65, 69. I. 1.

- b. *plumosum* Warnst. 37, 38, 57, 62-64, 67.
 c. *microphyllum* Warnst. 9, 16, 17, 35, 54, 57, 64, 98, 99.
 d. *Roellii* Schlieph. 24, 57-59, 62, 63.
 e. *robustum* Warnst. 17, 57, 58, 63, 64, 69, 70. I. 1.
 f. *Schultzii* Warnst. 62, 63. I. 1.
26. **S. cuspidatum** Ehrh. 1-6, (8), 9, 11-22, 24, 27, 28, 30, 35-46, 48, 49, 54-86, 88-93, 95-112. I. 1, 2, 6, 8, 11, 13, 14, 17, 18, 20, 25-30, 32, 33, 35-39.
- a. *falcatum* Russ. 1-3, 9, 11, 13-18, 22, 35-39, 42-45, 48-50, 57-62, 64-66, 68-73, 77, 83, 88-91, 96, 98, 99, 104, 105, 107, 109, 111. I. 1-3, 6, 8, 11, 13, 14, 17, 18, 20, 25, 27, 29, 30, 32, 33, 35-40.
- b. *submersum* Schp. 2, 5, 11, 16, 22, 25, 35-38, 41-43, 46, 48, 49, 57, 60-64, 66, 67, 69, 75, 79, 83, 84, 88, 93, 105, 109. I. 1, 8, 18, 33-39.
- c. *plumosum* Bryol. germ. 2-5, 8, 9, 11, 17, 35, 36, 38, 41, 43, 48, 49, 61, 62, 64-70, 88, 93, 100. I. 2, 14, 20, 26, 28, 29, 33, 37-40.
- d. *plumulosum* Schp. 5, 11, 14, 16, 17, 22, 42, 44, 48, 49, 54, 60-67, 69, 88, 96, 105. I. 39, 40.
- e. *serratum* (Aust). 5, 11, 13, 16-18, 22, 35, 36, 38, 41-43, 48, 58-60, 62-64, 69, 107, 109.
27. **S. molluscum** Bruch 1-3, 5, 6, 9, 11, 22, 24, 27, 28, 34, 35, 37, 40, 41, 44, 45, 48-50, 56-66, 69-73, 75-81, 83, 85, 86, 88, 90-92, 94-98, 100-106, 108-112. I. 1-3, 6, 14, 16, 18, 20, 21, 26-28, 30, 32-39.

SUBSECUNDA SCHLIEPH.

28. **S. Holtii** Warnst. 2, 17, 22, 58, 60, 62, 69. I. 2.
29. **S. obesum** Wils. 1-5, 11, 12, 16-18, 21, 22, 25, 34-41, 45, 48-50, 54, 55, 57-64, 69-71, 73, 75, 77, 88, 90, 100, 108, 109. I. 2, 14, 17, 21, 26, 27, 30, 35, 37, 38, 40.
- a. *plumosum* Warnst. 3, 8, 11, 16, 17, 35, 49, 57, 59, 60, 63, 64, 69, 70.
- b. *luxurians* Warnst. 2, 17, 18, 35, 57, 62, 63, 69.
- c. *insolitum* Card. 2, 49, 50, 55, 57, 59, 63, 73, 75.
- d. *teretiramosum* Warnst. 22, 36, 48, 57. I. 1.
- e. *sanguineum* Warnst. 2, 5, 35, 49, 60, 69.
- f. *brachycladum* Warnst. 1, 2, 17, 48, 60, 64, 69, 70, 109.
- g. *canovirens* Warnst. 1, 5, 37, 49, 57, 60, 63, 64. I. 3, 37, 38,
- h. *hemiisophyllum* Warnst. 60, 63, 69, 109. I. 1.
- i. *mastigocladum* Warnst. 3, 17, 48, 62, 69,

30. **S. subsecundum** *Nees* 1-3, 17, 22, 28, 34, 35, 42, 48, 49, 51, 59-62, 64, 65, 68, 69, 71, 88, 94, 96, 105, 109, 111. I. 2, 3, 39.
- a. *parvulum* *Grav.* 1, 61, 68, 111.
- b. *tenellum* *Warnst.* 1-3, 22, 28, 48, 49, 59-62, 65, 69-71, 94, 96, 109.
- c. *intermedium* *Warnst.* 3, 17, 22, 35, 42, 54, 60-62, 64, 67, 69, 88, 98, 109. I. 2.
- d. *lanceolatum* *Warnst.* 22, 51, 60, 62, 105, 109. I. 39.
- e. *robustum* *Warnst.* 35, 62, 69. I. 3.
31. **S. inundatum** *Russ.* 1-5, 9, 11, 12, 14, 16-18, 20-22, 24, 27, 31, 33-37, 41-43, 45-49, 51, 52, 54, 55, 57-63, 66-71, 75, 77, 84, 88, 90-93, 96, 99, 100, 105, 108, 109, 111. I. 1, 3, 6, 35, 40.
- a. *robustum* (*Warnst.*) *Sherrin.* 1, 11, 17, 42, 49, 57, 61, 62, 67, 69, 70, 77, 96, 99, 111. I. 2.
- b. *eurycladum* (*Warnst.*) *Sherrin.* 1-5, 11, 17, 36, 42, 45, 66, 67, 69, 88, 96, 99. I. 1-3.
- c. *densum* (*Warnst.*) *Sherrin.* 3, 11, 48, 62, 69, 70, 75, 88. I. 2, 3, 39.
- d. *lancifolium* *Warnst.* 1, 3, 5, 11, 17-19, 22, 35, 36, 42, 54, 57, 59-62, 66, 68-71, 109, 111. I. 2.
- e. *diversifolium* *Warnst.* 1, 3, 8, 9, 11, 12, 17, 21, 31, 36, 48, 54, 57, 60, 62, 67, 69-71, 90, 91, 108, 109. I. 1, 38.
32. **S. auriculatum** *Schp.* 1-5, 9, 11-22, 24, 34-38, 41, 43, 45, 46, 48-50, 58, 60-62, 66, 69, 71, 75, 85, 88, 105, 108-110. I. 3, 6, 20, 28, 29, 38, 39.
- a. *tenellum* *Warnst.* 1-3, 11, 17, 35, 43, 49, 50, 62, 66, 69, 88, 92, 108, 109.
- b. *ovatum* *Warnst.* 1-5, 9, 14, 16-19, 22, 34-37, 41-43, 45, 46, 48, 49, 58, 67, 69-71, 75, 88, 100, 105, 109, 110. I. 1, 3, 6, 20, 28, 29, 38.
- c. *laxifolium* *Warnst.* 1, 2, 11, 13, 17, 41, 57, 58, 61, 62, 67, 69, 70, 105.
- d. *canovirescens* *Warnst.* 1-5, 11-18, 20-22, 24, 34-38, 41, 42, 46, 48, 54, 57, 58, 85, 99, 109. I. 2.
- e. *fluitans* *Grav.* 3.
- f. *submersum* *Warnst.* 1, 16, 22, 35, 58, 61, 63, 69, 70, 88, 105. I. 2.
- g. *plumosum* *Warnst.* 17, 22, 24, 35, 61.
- h. *racemosum* *Warnst.* 60.

33. *S. crassicladum* Warnst. 1-5, 9-11, 14, 16, 17, 19, 21, 22, 34-38, 42, 48, 51, 57, 59, 64-67, 69-71, 75, 84, 86, 88, 90, 96, 98, 100, 108, 109. I. 3, 6, 17, 25, 27, 30, 33, 35, 37, 38, 40.
- a. *magnifolium* Warnst. 2, 4, 11, 14, 16, 17, 22, 34-37, 48, 57, 59-62, 64, 69, 71, 75, 88, 90, 91, 108, 109. I. 2, 17, 40,
- b. *diversifolium* Warnst. 5, 9, 11, 35, 49, 57, 61, 64, 100. I. 1, 3.
- c. *intermedium* Warnst. 5, 16, 17, 61, 67.
34. *S. bavaricum* Warnst. 2, 17, 49, 54, 62, 64, 88, 105.
35. *S. Camusii* Card. 1, 3, 9, 11, 16-18, 22, 35, 54, 57, 61, 109. I. 1, 2, 37.
36. *S. turgidulum* Warnst. 2, 3, 9, 11, 14, 17, 49, 60, 62, 66, 67, 97.
37. *S. contortum* Schultz 1, 13, 14, 16, 40, 45, 48, 49, 52, 58, 60-62, 67, 71, 73, 86-88, 90, 92, 96, 98, 99, 109. I. 2.
38. *S. platyphyllum* (Sull. and Lindb.) Warnst. 49, 60, 69.

CYMBIFOLIA LINDB.

39. *S. imbricatum* Hornsch. 40, 48, 62, 65, 66, 69, 70, 73, 77, 83, 86, 88, 98, 106, 107, 109, 110. I. 17, 18, 39.
40. *S. hakkodense* Warnst. 1, 2, 22, 64, 69, 77.
41. *S. papillosum* Lindb. 1-14, 16, 17, 22, 24, 26, 27, 34-42, 44-51, 53, 54, 57-73, 75-78, 82, 83, 85, 86, 88, 90, 91, 93-103, 105-112. I. 1-3, 6-14, 16-18, 21, 23-39.
- a. *normale* Warnst. 1-5, 8, 9, 11, 12, 16, 17, 22, 35, 36, 41, 46, 48, 49-51, 54, 58-60, 62-64, 66, 67, 69-71, 75, 82, 91, 93-99, 105, 107, 109, 110. I. 1-3, 6, 20, 24, 27, 34, 38-40.
- b. *sublaeve* Limpr. 1-3, 5, 11, 17, 22, 27, 34-36, 46, 48, 49, 54, 57, 58, 60, 62-71, 77, 88, 90, 92, 93, 96, 105, 108, 109. I. 1, 2, 28, 38, 40.
- c. *laeve* Warnst. 11, 22, 36, 49, 96.
42. *S. cymbifolium* Ehrh. 1-6, 8-19, 21-28, 30, 32, 34-41, 43, 45-52, 54-83, 85-92, 95-112. I. 1-4, 6-21, 24-29, 31-35, 37-40.
43. *S. centrale* C. Jens. 11, 42, 60, 62, 70, 75, 88, 91, 99, 100, 105, I. 1.
44. *S. magellanicum* Brid. 3, 9, 11, 14, 17, 22, 24, 27, 40, 48, 58, 60, 62, 64-70, 72, 73, 75, 77, 79, 80, 86, 88, 92, 96, 97, 102, 109, 111. I. 3, 8-10, 18, 25, 30, 33, 35, 37-40.

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