

FOLIA CRYPTOGAMICA ESTONICA

Editio Societatis Investigatorum Rerum Naturae Academiae Scientarum R. P. S. S. Estoniae
Cons. ed.: A. Raitviir (mycologia et ed. princ.), J. Toom (algologia), H. Trass (lichenologia
et bryologia).

Hariduse 3, 202 400 Tartu, R. P. S. S. Estoniae.

PHYSICIA MAGNUSSONII FREY — НОВЫЙ ВИД ДЛЯ ЛИХЕНОФЛОРЫ СССР.

Э. САНДЕР

E. Sander. *Physcia magnussonii* Frey — a new species for the lichen flora of the U.S.S.R. *Physcia magnussonii* Frey has been collected from North Estonia, Rakvere district, Lahemaa National Park, Altja village, from granite rock.

Материал, собранный в Эстонии, соответствует описанию этого вида в работе Э. Фрей (Frey, 1963), также описанию и фотографиям в работе Р. Мoberга (Moberg, 1977). Слоевище более или менее округлое, слабо прикрепленное к субстрату. Верхняя поверхность светлосерая, с белым налетом, без соредиев. Нижняя поверхность белая с розовым оттенком, с простыми тупыми ризинами. Лопасты радиальные, часто налегающие друг на друга. Апотеции отсутствуют. Слоевище до 1,5 см в диаметре, лопасти до 1 мм в шир. По Мoberгу (Moberg, 1977) слоевище до 8 см в диаметре и лопасти до 3 мм шир.

От едкого калия кора желтеет и сердцевина очень слабо желтеет, от парафенилендиамина кора и сердцевина желтеют.

Местонахождение в Эстонии: Эстонская ССР, Раковерский район, Лахемаский национальный парк, село Альтя, на валуне, юго-восточная и юго-западная экспозиция. На данном субстрате большую часть лишайникового покрова образовали *Parmelia conspersa*, *Parmelia glabratula*, *Physcia wainioi*, *Parmelia saxatilis*, *Lecanora muralis*. Собрали Э. Сандер и Т. Рандлане 15 VII 1974, определили Э. Сандер и Т. Пийн.

Общее распространение: Швеция, Норвегия, Южные Альпы, Шварцвалд, Татры. Местонахождения в Северной Европе на рис. 1. Вид предпочитает сухие силикатные скалы с более или менее южной экспозицией. Принадлежит к гипоарктобореальному элементу флоры.

ЛИТЕРАТУРА

Frey, E. 1963. Beiträge zu einer Lichenenflora der Schweiz II. III. Die Familie Physciaceae. Ber. Schweiz. Bot. Ges. 73: 389—503. — Moberg, R. 1977. The lichen genus *Physcia* and allied genera in Fennoscandia. Symbolae Botanicae Upsaliensis 22, 1: 1—108.

Fol. Crypt. Est.	Fasc. 14	p. 1—8	Tartu. 1981
------------------	----------	--------	-------------

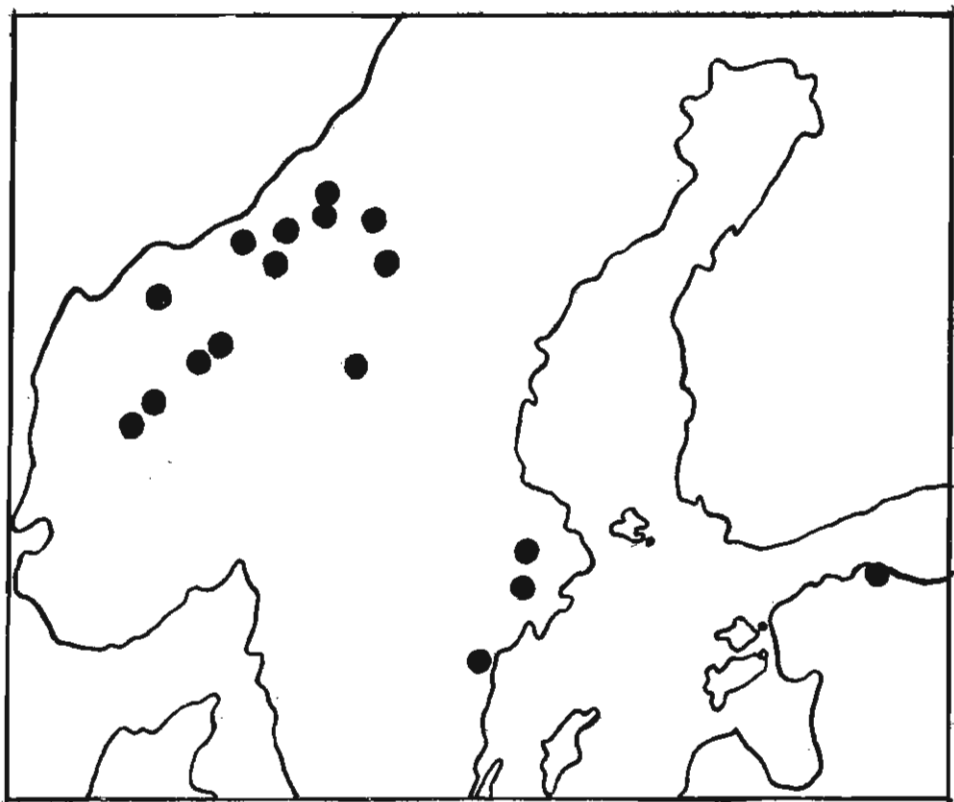


Рис. 1. Местонахождения *P. magnussonii* в Северной Европе (по Moberg, 1977, с дополнением).

A PRELIMINARY LIST OF EPIPHYTIC MOSSES IN TALLINN

K. TAMM

Тамм К. Предварительный список эпифитных мхов Таллина. В список включено 79 видов листостебельных мхов, из них 8 очень редких для Эстонии. Указаны их встречаемость в Эстонии, в Таллине и нахождение на стволе или у подножья.

This list of epiphytic mosses is based on bryophyte collection made by the author for phytoindicational work in Tallinn on 1974—1978. Data from literature (Russow, 1862; Malta, 1930; Peikel, 1962) and herbarium materials from Estonian herbaria (herbarium of the Tartu State University — TU; herbarium of the Institute of Zoology and Botany of the Academy of Sciences of the Estonian S.S.R. — TAA; herbarium of the Nature Museum in Tallinn — TNM; herbarium of the Tallinn Botanical Garden of the Academy of Sciences of the Estonian S.S.R. — TBG) are also considered.

Following data are given after the name of each species (nomenclature from: Koponen, Isoviita, Lammes, 1977):

1. frequency of the species in Estonia: rr — very rare, r — rare, p — infrequent, fq — frequent, lfq — very frequent;
2. occurrence of each species in 1 sq. km quadrates from 71 investigated ones in Tallinn;
3. trunk — t; basis — b;
4. for rare and very rare species their herbarial data are given.

- Abietinella abietina* (Hedw.) Fleisch. — *Campylium sommerfeltii* (Myr.) J. Lange
fq; 2/71; b.
- Amblystegium juratzkanum* Schimp. — *Ceratodon purpureus* (Hedw.) Brid. — ffq;
p; 3/71; b.
- A. serpens* (Hedw.) B.S.G. — ffq; 50/71; *Cirriphyllum piliferum* (Hedw.) Grout —
t, b. ffq; 5/71; b.
- A. varium* (Hedw.) Lindb. — r; 3/71: *Climacium dendroides* (Hedw.) Web. et
Kadriorg, *Larix*, 29. V 1974 (TBG); *Mohr* — ffq; 5/71; b.
Rocca al Mare, *Sorbus aucuparia*,
04. VII 1974 (TBG); Nõmme, *Aesculus*
hippocastanum, 04. VII 1974 (TBG).
- Anomodon longifolius* (Brid.) Hartm. —
fq; 4/71; t, b.
- A. viticulosus* (Hedw.) Hook. et Tayl. —
fq; 2/71; b.
- Brachythecium curtum* (Lindb.) C. Jens.
— fq; 28/71; b.
- B. erythrorrhizon* B.S.G. — rr; 1/71; Maar-
jamägi, trunk of *Salix caprea*, leg.
A. Üksip, det. N. Malta (TU, TNM).
- B. glareosum* (Spruce) B.S.G. — p; 1/71;
b.
- B. plumosum* (Hedw.) B.S.G. — rr; 1/71:
Pääsküla, 1927, leg. A. Üksip, det.
M. Kotilainen (TU, TNM); Pääsküla,
trunk of *Pinus*, 04. VII 1974 (TBG).
- B. populeum* (Hedw.) B.S.G. — ffq; 8/71;
t, b.
- B. reflexum* (Starke) B.S.G. — p; 17/71;
t, b.
- B. rutabulum* (Hedw.) B.S.G. — fq; 6/71;
b.
- B. salebrosum* (Web. et Mohr) B.S.G. —
ffq; 49/71; b, t.
- B. velutinum* (Hedw.) B.S.G. — p; 15/71;
b, t.
- Bryoerythrophyllum recurvirostre* (Hedw.)
Chn — p-fq; 2/71; b.
- Bryum argenteum* Hedw. — fq; 4/71; t, b.
- B. capillare* Hedw. — p; 11/71; t, b.
- Calliergonella cuspidata* (Hedw.) Loeske
— ffq; 1/71; b.
- Camptothecium lutescens* (Hedw.) B.S.G.
— ffq; 1/71; b.
- Campylium sommerfeltii* (Myr.) J. Lange
— p; 3/71; b.
- Ceratodon purpureus* (Hedw.) Brid. — ffq;
42/71; t, b.
- Cirriphyllum piliferum* (Hedw.) Grout —
ffq; 5/71; b.
- Climacium dendroides* (Hedw.) Web. et
Mohr — ffq; 5/71; b.
- Dicranum scoparium* Hedw. — ffq; 21/71;
b.
- D. viride* (Sull. et Lesq.) Lindb. — rr;
1/71; Kadaka, 17. IV 1861, leg. E. Rus-
sow (sub *D. strictum*), det. N. Malta
(IZB).
- Didymodon rigidulus* Hedw. — fq; 2/71;
b.
- Drepanocladus uncinatus* Warnst. — ffq;
31/71; t, b.
- Encalypta streptocarpa* Hedw. — ffq; 3/71;
b.
- Eurhynchium praelongum* (Hedw.) B.S.G.
— p; 6/71; b.
- Eurhynchium pulchellum* (Hedw.) B.S.G.
— fq; 3/71; b.
- Fissidens adianthoides* Hedw. — ffq; 1/71;
b.
- Herzogiella striatella* (Brid.) Iwats. — rr;
1/71: *Rocca al Mare*, *Tilia*, 04. VII 1974
(TBG).
- Homalia trichomanoides* (Hedw.) B.S.G.
— ffq; 7/71; t, b.
- Homalothecium sericeum* (Hedw.) B.S.G.
— ffq; 3/71; b.
- Homomallium incurvatum* (Schimp.) Loeske
— r; 1/71: Kadriorg, *Tilia*, 16. IV
1978 (TBG).
- Hylocomium splendens* (Hedw.) B.S.G. —
ffq; 6/71; b.
- Hypnum cupressiforme* Hedw. — ffq; 23/71;
t, b.
- H. pallescens* (Hedw.) P. Beauv. — ffq;
2/71; b.
- Leptobryum pyriforme* (Hedw.) Wils. —
ffq; 2/71; b.

- Leptodictyum riparium* (Hedw.) Warnst. — fq; 1/71; b.
- Leskea polycarpa* Hedw. — r; 1/71: Kadriorg, trunk of *Tilia*, 22. V 1974 (TBG).
- Leskeella nervosa* (Brid.) Loeske — ffq; 25/71; t, b.
- Leucodon sciurioides* (Hedw.) Schwaegr. — ffq; 2/71; t.
- Mnium stellare* Hedw. — p; 1/71; b.
- Orthodicranum montanum* (Hedw.) Loeske — ffq; 8/71; t, b.
- Orthotrichum affine* Brid. — r; 1/71: Rocca al Mare, *Betula*, 04. VII 1974 (TBG).
- O. diaphanum* Brid. — first for Estonia; 2/71: Nõmme, *Acer*, 2. III 1974 (TBG); Ujula street, *Tilia*, 09. X 1975, L. Kanukene (TBG).
- O. fastigiatum* Brid. — p; 13/71; t, b.
- O. gymnostomum* Brid. — rr; 1/71: Harkujärve, trunk of *Alnus glutinosa*, 01. V 1977 (TBG).
- O. obtusifolium* Brid. — p; 11/71; t, b.
- O. pumilum* Sw. — r; 21/71; t, b; all the specimens from Tallinn are in the herbarium of Tallinn Botanical Garden.
- O. speciosum* Nees — fq; 16/71; t, b.
- Plagiomnium affine* (Funck) T. Kop. — fq; 3/71; b.
- P. cuspidatum* (Hedw.) T. Kop. — ffq; 21/71; b.
- P. medium* (B.S.G.) T. Kop. — r; 1/71: Raudalu, basis of *Picea*, 16 V 1978 (TBG).
- P. undulatum* (Hedw.) T. Kop. — ffq; 6/71; b.
- Plagiothecium cavifolium* (Brid.) Iwats. — r; 3/71: Tiskre, basis of *Alnus glutinosa*, 05. V 1975 (TBG); Rocca al Mare, basis of *Alnus incana*, 22. X 1975 (TBG); Kloostrimetsa, basis of *Betula*, 11. XI 1975 (TBG).
- P. denticulatum* (Hedw.) B.S.G. — fq; 6/71; b.
- P. laetum* B.S.G. — fq; 19/71; b.
- P. latebricola* B.S.G. — r; 1/71: Mustamäe, trunk of *Alnus glutinosa*, 18. V 1976 (TBG).
- P. succulentum* (Wils.) Lindb. — rr; 1/71: Tallinn, 27. V 1928, leg. A. Uksip, det. N. Malta (TU, TNM).
- Platydictya subtilis* (Hedw.) Crum — fq; 3/71; b.
- Platygyrium repens* (Brid.) B.S.G. — r; 2/71: Rocca al Mare, *Acer*, 04. VII 1974 (TBG); Kadriorg, trunk of *Tilia*, 21. VII 1974 (TBG).
- Pleurozium schreberi* (Brid.) Mitt. — ffq; 18/71; b.
- Pogonatum urnigerum* (Hedw.) P. Beauv. — p; 1/71; b.
- Pohlia nutans* (Hedw.) Lindb. — ffq; 4/71; b.
- Polytrichastrum longisetum* (Brid.) G. L. Sm. — p; 1/71; b.
- Polytrichum strictum* Brid. — Kopli, *Alnus glutinosa*, 22. X 1975 (TBG).
- Ptilium crista-castrensis* (Hedw.) De Not. — ffq; 1/71; b.
- Pylaisia polyantha* (Hedw.) Schimp. — ffq; 46/71; t, b.
- Rhytidiadelphus squarrosus* (Hedw.) Warnst. — ffq; 1/71; b.
- R. triquetrus* (Hedw.) Warnst. — ffq; 1/71; b.
- Schistidium apocarpum* (Hedw.) B.S.G. — ffq; 2/71; b, t.
- Syntrichia pulvinata* (Jen.) Jen. — rr; 3/71: Kadriorg, *Tilia*, 14. VII 1974 (TBG); Kadriorg, *Quercus*, 28. V 1974 (TBG); Kadriorg, *Acer*, 23. V 1974 ((TBG); Hiiu, *Populus*, 12. V 1975 (TBG); Mõigu, *Fraxinus*, 15. V 1978 (TBG); Tallinn, 1930, leg. J. Ruubel, det. N. Malta (TU).
- Thuidium delicatulum* Br. et Sch. — p; 1/71; b.
- T. philibertii* Limpr. — ffq; 2/71; b.
- Tortula ruralis* Ehrh. — ffq; 12/71; t, b.

REFERENCES

- Koponen T., P. Isoviita, T. Lammes. 1977. The bryophytes of Finland: an annotated checklist. Helsinki-Helsingfors, 77 p.
- Malta N. 1930. Übersicht der Moosflora des Ostbaltischen Gebietes II. Acta Horti Botanicæ Universitatis Tartuensis, II, No. 1,

182 p. Russow E. V. 1862. Flora der Umgehung Revels. Arch. für d. Naturk. Liv-, Ehst- und Kurlands. Dorpat, II Ser., Bd. VI, p. 111—120. Peikel E. 1962. Veskimäe taimestikust. Eesti Riikliku Loodusteaduse Muuseumi töid. I. Tallinn, p. 58—79.

THE LIST OF MOSSES OF THE ISLAND VILSANDI LEITI KANNUKENE

Каннукене Л. Список листостебельных мхов острова Вильсанди. На основании литературных данных, сборов автора и обработки гербарных материалов С. Тальтса, на территории острова Вильсанди выявлено 98 видов листостебельных мхов, относящихся к 61 родам и 25 семействам. Указаны местообитания и встречаемость.

The island Vilsandi is situated in the western Estonia and belongs to the Vilsandi State Reserve. The area of the island is 8.75 sq. kms.

On compiling the list, the data on findings of mosses have been obtained from literature (Lippmaa, 1935; Häyrén, 1936/1937; Sillamaa, 1977) and revision of moss collections.

The herbarium of the mosses from Vilsandi belonging to S. Talts, collected in 1931, was revised (300 specimens, in the herbarium of the Institute of Zoology and Botany), as well as that of the author (300 specimens, in the herbarium of the Tallinn Botanical Gardens), collected in 1967 and 1978.

The following data have been given for every species: habitat, substratum, and the frequency on the island. To sign the habitats the abbreviations have been used: A — alvar; APF — alvar pine forest; SBAF — swampy birch-alder forest; SM — swampy meadow; CM — coastal meadow; SCR — shingly coastal ridge.

To estimate the frequency of the species the following scale has been used: rr (rarissimo) — very rare, 1—2 localities; r (raro) — rare, 3—5 localities; p (passim) — scattered, 6—10 localities; fq (frequenter) — frequent, 11—15 localities; ffq (frequentissime) — very frequent, more than 15 localities.

The list of mosses from Vilsandi contains 98 species, belonging to 61 genera and 25 families (nomenclature from Koponen, Isoviita and Lammes, 1977).

Polytrichaceae

Polytrichastrum longisetum (Brid.) G. L. Sm. — APF, on stone, rr.

Polytrichum commune Hedw. — SBAF, on the ground, rr.

P. juniperinum Hedw. — A, APF, SM, on the ground, r.

P. strictum Brid. — SBAF, on the ground, rr.

Ditrichaceae

Ditrichum flexicaule (Schwaegr.) Hampe — A, APF, on the ground, on limestones and limestone fences, ffq.

Ceratodon purpureus (Hedw.) Brid. — A, SBAF, SM, on the ground, on limestones and boulders, fq.

Distichum capillaceum (Hedw.) B.S.G. — A, on the ground, rr.

D. inclinatum (Hedw.) B.S.G. — in limestone crevices, rr.

Grimmiaceae

Grimmia pulvinata (Hedw.) Sm. — A, APF, on limestones and limestone fences, ffq.

Schistidium apocarpum (Hedw.) B.S.G. — A, APF, SM, on limestones and limestone fences, ffq.

Racomitrium heterostichum (Hedw.) Brid. — APF, SBAF, on boulders, r.

Fissidentaceae

Fissidens adianthoides Hedw. — SBAF, SM, CM, on the ground and trunk bases of deciduous trees, p.

F. cristatus Mitt. — A, APF, on the ground, fq.

Dicranaceae

Orthodicranum montanum (Hedw.) Loeske — SBAF, on decayed wood, rr.

Dicranum bonjeanii De Not. — A, SBAF, SM, on the ground, p.

D. polysetum Sw. — A, APF, SBAF, on the ground, fq.

D. scoparium Hedw. — A, APF, SBAF, SM, on the ground, on limestones and boulders, on the trunk bases of deciduous trees and decaying wood, ffq.

D. polysetum Sw. — A, APF, SBAF, on the ground, fq.

Paraleucobryum longifolium (Hedw.) Loeske — on a boulder, rr.

Leucobryaceae

Leucobryum glucum (Hedw.) Ångstr. — APF, on the ground, rr.

Pottiaceae

Weissia brachycarpa (Nees. & Hornsch.) Jur. — A, on the ground, on stone covered with soil, rr.

Gymnostomum calcareum Nees. & Hornsch. — CM, on the ground, rr.

Tortella fragilis (Hook & Wils.) Limpr. — A, on the ground, on limestones, p.

T. inclinata (Hedw. f.) Limpr. — A, on denudated limestone slabs and shingle, r.

T. tortuosa (Hedw.) Limpr. — A, APF, on denudated limestone slabs and shingle, on limestone fences, ffq.

Bryoerythrophyllum recurvirostre (Hedw.) Chen — A, on the ground, on limestone fences, r.

Didymodon rigidulus Hedw. — A, on limestones and limestone fences, p.

Barbula convoluta Hedw. — A, APF, SM, on the ground, on limestones covered with soil, p.

Pottia heimit (Hedw.) Hampe — A, SCR, on limestones and shingle, p.

Tortula muralis Hedw. — A, APF, SM, on limestones and limestone fences, ffq.

T. ruralis (Hedw.) Gaertn. et al. — A, APF, SM, CM, SCR, on limestones and boulders, on limestone fences, fq.

T. subulata Hedw. — A, APF, SM, on the ground and limestone, r.

Encalyptaceae

Encalypta rhabdocarpa Schwaegr. — A, SCR, on the ground, on limestone shingle, p.

E. streptocarpa Hedw. — A, on the ground, on denudated limestone slabs and shingle, on limestone fences, fq.

Orthotrichaceae

Zygodon viridissimus (Dicks.) Brid. — A, APF, CM, on limestones, p.

Orthotrichum anomalum Hedw. — A, SM, CM, on limestone and limestone fences, p.

O. cupulatum Brid. — A, CM, on limestones and limestone fences, p.

O. rupestre Schwaegr. — on limestones and boulders, r.

Funariaceae

Physcomitrium pyriforme (Hedw.) Brid. — APF, on an old ant-hill, rr.

Funaria hygrometrica Hedw. — A, APF, on the ground, r.

Bryaceae

Leptobryum pyriforme (Hedw.) Wils. — APF, on the ground, rr.

Pohlia nutans (Hedw.) Lindb. — APF, SBAF, on decayed wood, r.

Bryum caespiticum Hedw. — A, SM, on the ground, on boulders and limestones, on limestone fences, p.
B. pseudotriquetrum (Hedw.) Gaertn. et al. — SBAF, on the ground, rr.
Rhodobryum roseum (Hedw.) Lindb. — APF, SM, on the ground, p.

Mniaceae

Mnium hornum Hedw. — A, on limestone fences, rr.
Plagiomnium affine (Funck) T. Kop. — APF, on the ground, rr.
P. cuspidatum (Hedw.) T. Kop. — A, SBAF, on limestone fences, on trunk bases of deciduous trees, r.
P. elatum (B.S.G.) T. Kop. — SBAF, on the ground, rr.
P. medium (B.S.G.) T. Kop. — SBAF, on the ground, rr.
P. undulatum (Hedw.) T. Kop. — APF, SBAF, on the ground, p.

Aulacomniaceae

Aulacomnium androgynum (Hedw.) Schwaegr. — SBAF, on decayed wood, rr.
A. palustre (Hedw.) Schwaegr. — SBAF, on the ground, rr.

Hedwigiaceae

Hedwigia ciliata (Hedw.) P. Beauv. — A, APF, SM, on boulders, fq.

Leucodontaceae

Antitrichia curtispindula (Hedw.) Brid. — on a reed thatch, rr.
Leucodon sciuroides (Hedw.) Schwaegr. — A, on limestones and limestone fences, p.

Climaciaceae

Climacium dendroides (Hedw.) Web & Mohr. — A, SBAF, SM, on the ground, p.

Theliaceae

Myurella julaceae var. *scabrifolia* Limpr. — A, on the ground, rr.

Leskeaceae

Anomodon langifolius (Brid.) Hartm. — A, SM, on limestone fences, rr.

Thuidiaceae

Abietinella abietina (Hedw.) Fleisch. — A, APF, SCR, on the ground, on limestones and limestone fences, ffq.
Thuidium philibertii Limpr. — A, SBAF, SM, on the ground, on limestone fences, p.
T. recognitum (Hedw.) Lindb. — SBAF, on trunk bases of deciduous trees, rr.

Amblystegiaceae

Platydictya subtilis (Hedw.) Crum — SBAF, on the trunk of deciduous trees, rr.
Amblystegium juratzkanum Schimp. — A, on the ground, rr.
A. serpens (Hedw.) B.S.G. — SM, on stone, rr.
A. varium (Hedw.) Lindb. — A, SM, on the ground, r.
Campylium chrysophyllum (Brid.) J. Lange — APF, on the ground, rr.
C. sommerfeltii (Myr.) J. Lange — A, APF, SBAF, on the ground, on denudated limestone slabs and limestone fences, fq.
C. protensum (Brid.) Kindb. — SBAF, on the trunk bases of deciduous trees, rr.
C. stellatum (Hedw.) C. Jens. — SBAF, SM, on the ground, p.
Cratoneuron filicinum (Hedw.) Spruce — SM, on the ground, rr.
Drepanocladus lycopodioides (Brid.) Warnst. — SM, on the ground, p.
D. revolvens (Sw.) Warnst. — SM, on the edge of a ditch, rr.
D. uncinatus (Hedw.) Warnst. — APF, SBAF, on the trunk bases of trees, on the trunks of junipers, fq.
Scorpidium scorpidioides (Hedw.) Limpr. — SM, on the ground, rr.
S. turgescens (T. Jens.) Loeske — SM, on the edge of a ditch, rr.
Calliergonella cuspidata (Hedw.) Loeske — SM, on the ground, p.

Brachytheciaceae

Homalothecium sericeum (Hedw.) B.S.G. — A, CM, SCR, on limestones and shingle, on limestone fences, ffq.

Camptothecium lutescens (Hedw.) B.S.G. — A, APF, SCR, on the ground, on limestones and shingle, on limestone fences, ffq.

Brachythecium albicans (Hedw.) B.S.G. — A, on the ground, r.

B. curtum (Lindb.) C. Jens. — APF, on the ground, rr.

B. glareosum (Spruce) B.S.G. — SM, on the ground, rr.

B. populeum (Hedw.) B.S.G. — A, on limestones and boulders, r.

B. rutabulum (Hedw.) B.S.G. — SBAF, on the ground, on humuscovered boulders and roots of trees, r.

B. salebrosum (Web. & Mohr) B.S.G. — SBAF, on the ground, r.

Pseudoscleropodium purum (Hedw.) Fleisch. — APF, on the ground, r.

Plagiotheciaceae

Herzogiella seligeri (Brid.) Iwats. — SBAF, on decayed wood, rr.

Plagiothecium denticulatum (Hedw.) B.S.G. — SBAF, on the trunk bases of a pine, rr.

P. laetum B.S.G. — SBAF, on the trunk bases of a pine, on decaying wood, rr.

P. succulentum (Wils.) Lindb. — SBAF, on the bases of a birch, rr.

Hypnaceae

Pytaisia polyantha (Hedw.) Schimp. — SBAF, on the trunk of a deciduous tree, rr.

Hypnum cupressiforme Hedw. — A, APF, SBAF, SM, on the ground, on limestones, shingle and boulders, on limestone fences, on the trunk of trees and decaying wood, ffq.

H. pallescens (Hedw.) P. Beauv. — A, on the trunk of a juniper, rr.

Callicladium haldanianum (Crev.) Crum — SBAF, on the trunk of a juniper, on the trunk bases of a pine, rr.

Rhytidiaceae

Rhytidiadelphus squarrosus (Hedw.) Warnst. — APF, SM, on the ground, r.

R. triquetrus (Hedw.) Warnst. — A, APF, SBAF, on the ground, ffq.

Hylocomiaceae

Pleurozium schreberi (Brid.) Mitt. — A, APF, SBAF, on the ground, on decaying wood, ffq.

Hylocomium splendens (Hedw.) B.S.G. — A, APF, SBAF, on the ground, on humuscovered boulders, ffq.

REFERENCES

- H ä y r é n, E. 1937. Moosfunde 1935 von der Insel Ösel und einigen Nachbarinseln. — Memoranda Societatis pro Fauna et Flora Fennica, 12, p. 189—193. Корonen, Т., P. Isoviita, T. Lammes. 1977. The Bryophytes of Finland: and annotated checklist. Helsinki, Sept., 77 p. (Flora Fennica, 6). Lippmaa, T. 1935. Vegetatsiooni geneesist maapinna tõusu tõttu merest kerkivatel saartel Saaremaa looderannikul (Genesis of the vegetation on the islands emerging from the sea due to the rise of the ground at the north-west coast of Saaremaa). — Acta Instituti et Horti Botanici Universitatis Tartuensis, 54, 1—2, p. 1—39. Sillamaa, S. 1977. Vilsandi taimkate (The vegetation of Vilsandi. Diploma work). Tartu, 81 p.

Криптогамные листы Эстонии. На русском и английском языках. Редакционно-издательский совет Академии наук Эстонской ССР. Таллин, Эстония пуйестее 7. Редактор Х. Трасс. Сдано в набор 18. II 1981 и подписано к печати 16. XI 1981. Бумага 70×100/16. Печатных листов 0,5. Условно-печатных листов 0,65. Учетно-издательских листов 0,8. Тираж 950. МВ-09034. № заказа 658. Типография им. Х. Хейдемманна. Тарту, ул. Юликооли 17/19 II. Цена 8 коп.
