

BOTANISKA NOTISER

1968, VOL. 121

ISSUED BY
LUNDS BOTANISKA FÖRENING

EDITED BY
ROLF DAHLGREN

Tidskriften grundad 1839

DISTRIBUTOR: G. W. K. GLEERUP, LUND, SWEDEN

Distribution Dates

Fasc. 1, pp. 1—144, on 5 April 1968

Fasc. 2, pp. 145—304, on 10 Aug. 1968

Fasc. 3, pp. 305—464, on 30 Oct. 1968

Fasc. 4, pp. 465—664, on about 20 Jan. 1969

Contents (Innehållsförteckning)

BERGLUND, B. E.: Inventering av Blekinges flora 1958—1968 — resultat och metodik (Investigation of the Flora in the Province of Blekinge 1958—68 — Result and Methods)	287
BLIDING, C.: A Critical Survey of European Taxa in Ulvaes, II. Ulva, Ulvaria, Monostroma, Kornmannia	535
BOULOS, L.: The Discovery of Medemia Palm in the Nubian Desert of Egypt	117
CHATTERJEE, J. and MOHAN RAM, H. Y.: Gametophytes of Equisetum ramosissimum Desf. subsp. ramosissimum. I. Structure and Development	471
DAHLGREN, R.: Revision of the Genus Aspalathus. II. The Species with Ericoid and Pinoid Leaflets. 7. Subgenus Norteria. With Remarks on Rooibos Tea Cultivation	165
— Distribution and Substrate in the South African Genus Aspalathus L. (Leguminosae)	505
DIXON, P. S. and PARKES, H. M.: Miscellaneous Notes on Algal Taxonomy and Nomenclature. II	80
ELIASSON, U.: Studies in Galápagos Plants. VII. On some New or otherwise Noteworthy Plants from the Archipelago	630
ERDTMAN, G.: "Sporomorphae" and "Trophomorphae". Terminological Contours	654
GAUTHIER, R.: A Sphagnum Collection from Norrbotten, Northern Sweden	121
GRIBBON, P. W. F.: Distributional-Type Spectra in Greenland Montane Localities	501
HAWKSWORTH, D. L.: A Note on the Chemical Strains of the Lichen Ramalina subfarinacea	317
HYLANDER, N.: Nya fynd av Alchemilla cymatophylla Juz. (New Records of Alchemilla cymatophylla Juz. in Sweden)	293
HYLMÖ, B.: En ny lokal för Veronica praecox i Skåne (A New Find of Veronica praecox All. in Scania, South Sweden)	296
JOHNSON, A. W. and PACKER, J. G.: Chromosome Numbers in the Flora of Ogotruk Creek, N.W. Alaska	403
KAPIL, R. N. and BAWA, S. B.: Embryological Studies on the Haloragidaceae. I. Haloragis colensoi Skottsb.	11
KERS, L. E.: Contributions towards a Revision of Monsonia (Gesneriaceae)	44
LUDLOW, F.: A New Species of Corydalis Sect. Oocarpus (Fumariaceae) from Tibet	278
MÖRNSJÖ, T.: Stratigraphical and Chemical Studies on Two Peatlands in Scania, South Sweden	343
NILSSON, Ö.: Notes on Filago vulgaris Lam. (F. germanica) in Scania, Sweden ..	652
NORDBORG, G.: Pubescence in the Sanguisorba Group (Rosaceae)	641

IV

NORDENSTAM, B.: The Genus <i>Euryops</i> . Part II. Aspects of Morphology and Cytology	209
RAO, V. S.: Placentation in Relation to Anatomy	281
— and DAHLGREN, R.: Studies on Penaeaceae V. The Vascular Anatomy of the Flower of <i>Glischrocolla formosa</i>	259
RÜHLING, Å. and TYLER, G.: An Ecological Approach to the Lead Problem	321
RUNEMARK, H.: Critical Comments on the Use of Statistical Methods in Chemotaxonomy	29
— Studies in the Aegean Flora XIII. <i>Tordylium</i> L. (Umbelliferae)	233
— and HENEEN, W. K.: <i>Elymus</i> and <i>Agropyron</i> , a Problem of Generic Delimitation	51
SCHELPE, E. A. C. L. E.: Contributions to the Flora of Rhodesia XI. Pteridophyta	361
SONESSON, M.: Pollen Zones at Abisko, Torne Lappmark, Sweden	491
STRANDHEDE, S.-O. and DAHLGREN, R.: Drawings of Scandinavian Plants 9—10. <i>Eleocharis</i> R. Br.	1
— and — Do. 11—12. <i>Eleocharis</i> R. Br.	145
— and — Do. 13—14. <i>Eleocharis</i> R. Br.	305
— and — Do. 15—16. <i>Eleocharis</i> R. Br.	465
STRID, A.: Stable Telocentric Chromosomes Formed by Spontaneous Misdivision in <i>Nigella doerfleri</i> (Ranunculaceae)	153
— A New Species of <i>Lonchostoma</i> (Bruniaceae)	312
TYLER, G.: Studies in the Ecology of Baltic Sea-Shore Meadows I. Some Chemical Properties of Baltic Shore-Meadow Clays	89
WENDELBO, P.: <i>Wurmbea hamiltonii</i> , a New Afroalpine Species of Liliaceae	114
— Some New Species of <i>Allium</i> (Liliaceae) from Afghanistan. Studies in the Flora of Afghanistan 9	269
VIJAYARAGHAVAN, M. R. and SARVESHWARI, G. S.: Embryology and Systematic Position of <i>Morina longifolia</i> Wall.	383

Lunds Botaniska Förening

(The Lund Botanical Society)

Från Lunds Botaniska Förenings Förhandlingar 1967	131
Lunds Botaniska Förening 1968	661

Reviews of Botanical Literature

AHMADJIAN, W.: The Lichen Symbiosis. (By O. ALMBORN)	137
BAKER, A. H. and OLIVER, E. G. H.: <i>Ericas</i> in Southern Africa. (By R. DAHLGREN)	140
BOURRELLY, P.: Les Algues d'eau douce. Initiation à la systématique. II. Les Algues jaunes et brunes. (By K. THOMASSON)	460
GAMS, H.: Kleine Kryptogamenflora. III. Flechten (Lichenes). (By O. ALMBORN)	134
HALE, M. E.: The Biology of Lichens. (By O. ALMBORN)	136
HASSELROT, K.: Västergötlands flora. [Review by Ö. NILSSON in Bot. Notiser 120(1967) p. 383.]	
En bokanmälan. (By E. ALMQUIST)	300
Ett gennäle. (By Ö. NILSSON)	302
HOPKINS, D. M. (ed.): The Bering Land Bridge. (By C. H. LINDROTH)	138

HUIKARI, O. and PAARLAHTI, K.: Results of Field Experiments on the Ecology of Pine, Spruce and Birch. (By C. O. TAMM)	298
JERMY, A. C. and TUTIN, T. G.: British Sedges. A Handbook to the Species of Carex Found Growing in the British Isles. (By Ö. NILSSON)	458
KÖRBER-GROHNE, U.: Geobotanische Untersuchungen auf der Feddersen-Wiede. I—II. (By H. HJELMQVIST)	141
PIJL, L. VAN DER and DODSON, C. H.: Orchid Flowers. Their Pollination and Evolution. (By Ö. NILSSON)	459
RECHINGER, K. H.: Flora Iranica. Fasc. 16—57. (By B. NORDENSTAM)	657
SHETLER, S. G.: The Komarov Botanical Institute. 250 Years of Russian Research. (By K. LINDBERG)	659
THOMSON, J. W.: The Lichen Genus Cladonia in North America. (By O. ALMBORN)	135
WARDLAW, C. W.: Essays on Form in Plants. (By K. LINDBERG)	660
Meddelanden	143, 457, 656

Index (Register)

The index covers only taxa which have been treated in more detail. New taxa and new combinations are printed in boldface. * indicates an illustration (also of chromosomes) and m refers to a distribution map.

Nedanstående register upptager endast taxa som i något avseende blivit mera utförligt behandlade. Nya taxa och kombinationer betecknas med fetstil. * anger avbildning (även av kromosomer) och m utbredningskarta.

Actiniopteris dimorpha	372	— acanthophylla	525 m
Adiantum poiretii	368	— aciphylla	528 m
Agropyron	51 ff*	— aculeata	507 m
— caninum	69*, 70*	— albens	532 m
— elongatum ssp.		— alopecurus	514 m
elongatum	69*, 70*	— alpestris	530 m
— — ssp. flaccidifolium	67*	— altissima	518
— junceum	67*	— araneosa	507
— — ssp. boreo-atlanticum 69*, 70*		— aspalathoides	520
— latiglume	69*, 70*	— asparagoides	509 f
— pungens	67*	— bodkinii	519
— rechingeri	67*	— bracteata	520
Alchemilla	293 ff	— calcarata	512
— cymatophylla	293 f	— calcarea	533 m
— propinqua	294 f	— callosa	528 m
Allium	269 ff	— caledonensis	517 m
— bracteolatum	269 f*	— campestris	509 m
— caroli-henrici	274 ff*	— cephalotes	506
— ionandrum	270 ff*	— cerrhantha	506
— longicollum	272 ff*	— chortophila	514
— protensum	276 f*	— ciliaris	508
Anemia simii	364	— collina	528 m
Arenaria chamissonis	411 ff	— confusa	508
Arthropteris orientalis	374 ff	— cymbiformis	509
Aspalathus	165 ff, 505 ff	— cytisoides	520
— abietina	527 m	— dasyantha	519 m
— acanthes	513	— desertorum	507*
— acanthiloba	507	— diffusa	521
— acidota	519	— ericifolia	510 f

- filicaulis 513
 — flexuosa 511 m
 — forbesii 506
 — fusca 528 m
 — galeata 507
 — glabrescens 516 m
 — globulosa 506
 — grandiflora 507 m
 — granulata 528 m
 — hirta 514 m
 — hispida 511 f
 — hystrix 514
 — incompta 530 m
 — incurvifolia 516 f m
 — intervallaris 517
 — lamarekiana 514
 — lanata 521
 — linearis 170 ff* m, 194 ff
 — — ssp. latipetala 187 ff* m
 — — ssp. linearis 172 ff* m
 — — ssp. pinifolia 184 ff* m
 — linguiloba 508 f
 — longifolia 516*
 — macrantha 512
 — macrocarpa 512
 — marginata 519
 — millefolia 508 m
 — muraltioides 511 m
 — nigra 506
 — subgen. Nortieria ... 166 ff, 170
 — oblongifolia 517
 — opaca 510 m
 — parviflora 512
 — patens 520 f
 — pendula 190 ff* m
 — pigmentosa 507
 — pinea 512 f
 — psoraleoides 519
 — pycnantha 530 m
 — quadrata 517
 — quinquefolia 518
 — ramulosa 517 m
 — rectistyla 511
 — rubens 528 m
 — rubiginosa 507
 — rugosa 520
 — rycroftii 512
 — salteri 509 m
 — sanguinea 533 m
 — sceptrum-aureum 513
 — sericea 517 f
 — serpens 528 m
 — spectabilis 514
 — spicata 508
 — stenophylla 519 f
 — steudeliana 530 m
 — submissa 506 m
 — subulata 528 m
 — ternata 519 m
 — tridentata 518
 — triquetra 506 f
 — tylodes 532 m
 — uniflora 512
 — varians 510 m
 — villosa 518
 — vulnerans 528 m
 — vulpina 517
 — wurmbeana 525 m
 Aspidotis schimperi 368
 Asplenium aethiopicum 376
 — anisophyllum 376
 — friesiorum 376
 — sandersonii 376 f
 — theciferum var. concinnum . 377
 Astragalus alpinus 446 m
 Athyrium schimperi 380
 Bencomia 641 ff, 648
 — exstipulata 643*
 Betula 493, 498 f
 Blechnum attenuatum var. gigan-
 teum 381 f
 — tabulare 382
 Blidingia chadefaudii 615*
 — minima 615*
 Botrychium **underwoodianum** 630 f*
 Bupleurum americanum 447
 Burmannia pusilla 281 ff*
 Caltha palustris 439 f
 Capsosiphon 616
 Castilleja **caudata** 448
 — elegans 448
 Ceramium **armoricum** 83
 — pennatum 82 f
 Ceterach cordatum 377
 Cheilanthes hirta 370
 — inaequalis 371

- — var. *buchananii* 371
 — *leachii* 371
 — *multifida* 370
Corydalis sect. *Oocarpus* 278 f
 — ***retingensis*** 278 ff*
Cyathea dregei 364 ff
Deschampsia caespitosa 410 f
Doryopteris concolor var. *kirkii* 370
Dryopteris athamantica 381
 — *inaequalis* 380 f
Elaphoglossum hybridum 380 m
Eleocharis 1 ff, 145 ff, 305 ff, 465 ff
 — *acicularis* 468 ff*
 — *mamillata* 2 ff*
 — — ssp. *austriaca* 4*
 — — ssp. *mamillata* 3 f*
 — *multicaulis* 305 f*
 — *palustris* 4 ff*
 — — ssp. *palustris* 8 f*
 — — — var. *lindbergii* 9*
 — — ssp. *vulgaris* 9 f*
 — *parvula* 465 ff*
 — *quinqueflora* 308 ff*
 — *uniglumis* 145 ff*
 — — ssp. *sternerii* 150 ff*
 — — ssp. *uniglumis* 146 ff*
 — — — var. *fennica* 147 f*
 — — — var. *septentrionalis* 148 f*
 — — — var. *uniglumis* 147*
 — — — var. *vestergrenii* 148*
Elymus 51 ff*
 — *arenarius* 69*, 70*
Enteromorpha linza 615*
Equisetum ramosissimum 362 f
 — ssp. *ramosissimum* .. 471 ff*
Eritrichum splendens 447
Euryops 209 ff
 — *abrotanifolius* 214*, 227*
 — *annuus* 220*
 — *anthemoides* ssp. *anthemoides*
 218*
 — — ssp. *astrotrichus* 218*
 — *arabicus* 220*
 — *brachypodus* 217*
 — sect. *Brachypus* 212*
 — *brevilobus* 214*
 — *brevipapposus* 222*
 — *brownei* 222*
 — *chrysanthemoides* ... 214*, 227*
 — *cuneatus* 222*, 227*, 230
 — *decumbens* 222*, 227*
 — *dregeanus* 218*
 — *ericifolius* 222*
 — sect. *Euryops* 212*
 — *evansii* ssp. *dendroides* 222*
 — *floribundus* 212*, 220*
 — *gilfillanii* 217*
 — *glutinosus* 227*, 230
 — *hebecarpus* 217*, 222*
 — *hypnoides* 214*
 — *lateriflorus* 214*, 220*, 230
 — *laxus* 220*
 — *linearis* 214*
 — *marlothii* 220*
 — *mirus* 217*, 222*
 — *multifidus* 222*
 — *namibensis* 220*
 — *oligoglossus* 230
 — *othonnoides* ... 218*, 220*, 227*
 — *pectinatus* 218*
 — *pedunculatus* 214*, 220*
 — *pinifolius* 212*
 — *pinnatipartitus* 227*
 — *polytrichoides* 214*
 — *rehmannii* 212*, 220*, 227*
 — *rupestris* var. *dasyarpus* .. 220*
 — *spathaceu* 212*, 227*
 — *subcarnosus* 230
 — — ssp. *foetidus* 220*
 — — ssp. *minor* 220*
 — — ssp. *subcarnosus* 220*
 — — ssp. *vulgaris* 220*, 227*
 — *tagetoides* 218*, 220*
 — *tenuissimus* 218*
 — — ssp. *tenuissimus* 220*
 — *transvaalensis* ssp. *retilobus* 220*
 — *trifidus* 222*
 — *trilobus* 222*
 — *virgatus* 220*
 — *virginicus* 218*
Euthora cristata 83 ff
Eutrema edwardsii 440 m
Filago lutescens 652
 — *vulgaris* 652 ff m
Gleichenia umbraeulifera 364 m
Glischrocolla formosa 259 ff*

Gramineae tribus Triticeae . . .	51 ff*	Pleopeltis excavata	374
Haloragis colensoi	11 ff*	— macrocarpa	374
Hedysarum alpinum	446	Poa brachyanthera	411
Hymenophyllum polyanthus var.		Polystichum zambesiaceum	381
kuhnii	366	Pteridium aquilinum	366 f
— tunbridgense	366 m	Pteris erecta	368 m
Kornmannia	610	— dentata ssp. flabellata	368
— leptoderma	611 ff*	— friesii	369 f
— zostericola	620	Pterosiphonia pennata	80 ff
Ledum palustre	447	Puccinellia phryganodes	411
Linum cratericola	634 ff*	Ramalina subfarinacea	317 ff
— harlingii	636 ff*	— var. reagens	318 f
Lonchostoma esterhuyseniae		— var. salazinica	318 f
.	312 ff* m	— var. subfarinacea	318 f
Lycopodium carolinianum var.		Rubus arcticus	445 f
grandifolium	362	Rytidhloea pumila	83
— cernuum	361	Salicornia fruticosa	633 ff*
— clavatum var. inflexum	361	Sanguisorba	641 ff
Marattia fraxinea	363	— ancestroides	643*, 650
Medemia argun	117 ff*	— cretica	650
Melastomataceae	267*	— subgen. Dendriopoterium	646
Minuartia macrocarpa	438	— — sect. Dendriopoterium	646
— rossii	438 f	— — sect. Marcetella	647
Mohria caffrorum	364	— filiformis	650
Monostroma	596 ff	— hybrida	643*
— arcticum	606 ff*	— laterifolia	650
— bullosum	596 ff*	— menendezii	643*
— grevillei	602 ff*	— minor ssp. lasiocarpa	650
Monsonia sect. Plumosae	44 ff* m	— — ssp. magnolii	643*, 650
— trilobata	48 f*	— — ssp. minor	643*, 650
Morina longifolia	383 ff*	— — ssp. muricata	650
Nigella doerfleri	153 ff*	— — ssp. rupicola	650
— huthii	162*	— moquiniana	643*
Ophioglossum reticulatum	363, 631	— subgen. Poteridium	644
Osmunda regalis	363	— subgen. Poterium	644 ff
Othonna ciliata	212*	— — sect. Agrimonioides	646
— coronopifolia	212*	— — sect. Poterium	644 ff
— parviflora	212*	— subgen. Sanguisorba	644
Oxygraphis glacialis	440	— — sect. Pterachaenium	644
Parrya nudicaulis	440 f	— — sect. Sanguisorba	644
Pellaea calomelanos	371 f	— vestita	643*, 650
— dura	371	Sarcopoterium	641 ff, 647 f
— goudotii	373 m	— spinosum	643*
— quadripinnata	372	Saussurea angustifolia	449
— viridis	372	Saxifraga eschscholtzii	442 f
Penaeaceae	265 ff*	— flagellaris	443
Percursaria	616 f	— hirculus	444
Percursariaceae	618 f	— nelsoniana	444 f

