

Botaniska Notiser Volume 133 (1980)

Edited by Gunnar Weimarck

Assistant editors: Anna Weimarck
and Dan Zimmergren

Distribution: The Editorial Service of the
Swedish Natural Science Research Council

Dates of distribution

Issue 1, pp. 1-120, 17th March 1980

Issue 2, pp. 121-238, 16th June 1980

Issue 3, pp. 239-412, 18th September 1980

Issue 4, pp. 413-655, 15th December 1980

ISSN 0006-8195

Borgströms, Motala 1980

Contents

- A new journal, Nordic Journal of Botany, and its supplementary series, Opera Botanica 412
- AETFAT Congress, the 1982 450
- Almborn, O.: Three centuries of Botany at the University of Lund, a short survey 451
- Andersson, L. & Molau, U.: The inflorescence of *Calceolaria* 21
- Announcements from the Hunt Institute 20, 294
- Arekal, G. D. & Ramaswamy, S. N.: Embryology of *Eriocaulon hookerianum* Stapf and the systematic position of Eriocaulaceae 295
- Arroyo, S.: The genus *Benthamiella* (Solanaceae) 67
- Barth, E. K., Lima-de-Faria, A. & Berglund, B. E.: Two ¹⁴C dates of wood samples from Rondane, Norway 643
- Berggren, B.: Anatomy of the phylloclades of *Phyllocladus hypophyllus* 189
- Bothmer, R. von, Jacobsen, N. & Nicora, E.: Revision of *Hordeum* sect. *Anisolepis* Nevski 539
- Brodie, H. J.: Antler hyphae in the fungus genus *Nidula* (Nidulariaceae) 405
- Brodie, H. J. & Sharma, B. M.: *Cyathus griseocarpus*, a new bird's nest fungus from India 343
- Brullo, S.: *Valantia deltoidea* Brullo, sp. nov. from Sicily 63
- Brullo, S.: Taxonomic and nomenclatural notes on the genus *Limonium* in Sicily 281
- Chao, C. Y.: Autonomous development of embryo in *Paspalum conjugatum* Berg 215
- Cronberg, G. & Kristiansen, J.: Synuraceae and other Chrysophyceae from central Småland, Sweden 595
- Dahlgren, G.: Cytological and morphological investigation of the genus *Erodium* L'Hér. in the Aegean 491
- Dahlgren, R.: The taxonomic significance of chlorophyllous embryos in angiosperm seeds 337
- Eliasson, U. & Sunhede, S.: External structure of peridium, pseudocapillitium and spores in the myxomycete genus *Lycogala* Adans. 351
- Elvers, I.: Pollen eating *Thricops* flies (Diptera, Muscidae) on *Arrhenatherum pubescens* and some other grasses 49
- Franzén, R.: Floristic reports from Mount Siniatsikon and Mount Vermion, northern Greece 527
- Friis, I. & Vollesen, K.: The identity of the Ethiopian monotypic genus *Tzellemtinia* Chiov. ... 347
- Galloway, D. J.: Notes on the lichen genus *Baeomyces* in New Zealand 77
- Galloway, D. J.: The lichen genera *Argopsis* and *Stereocaulon* in New Zealand 261
- Goldblatt, P.: Redefinition of *Homeria* and *Moraea* (Iridaceae) in the light of biosystematic data, with *Rheome* gen. nov. 85
- Goldblatt, P.: Systematics of *Gynandriris* (Iridaceae), a Mediterranean-southern African disjunct 239
- Hedberg, O., Holmlund, P.-E., Mahunnah, R. L. A., Mhoro, B., Mziray, W. R. & Nordenhed, A.-C.: The *Bartsia abyssinica*-group (Scrophulariaceae) in Tropical Africa 205
- Hong, D.: *Kashmiria* (Scrophulariaceae, Veroniceae), a new name for *Falconeria* Hook. fil. from the western Himalayas 565
- Hopper, S. D.: *Conostylis neocymosa* sp. nov. (Haemodoraceae) from south-western Australia 223
- Karlström, P. O.: Epidermal leaf structures in species of *Asystasiaeae*, *Pseuderanthemeae*, *Graptophylleae* and *Odontonemeae* (Acanthaceae) 1
- Kärnefelt, I.: *Everniastrum andense* sp. nov., a neotropical paramo lichen 387
- Kärnefelt, I.: Lichens of western North America with disjunctions in Macaronesia and West Mediterranean region 569
- Kaushal, S. C.: A new species of *Thecotheus* (Pezizales) from Western Himalayas 319
- Kers, L. E.: A new species of *Elaphomyces* Nees ex. Fr. subgen. *Malacoderma* Vitt. 149
- Kylin, A.: Publication policy in Swedish botany 443
- Lange-Bertalot, H.: Ein Beitrag zur Revision der Gattungen *Rhoicosphenia* Grun., *Gomphonema* C. Ag., *Gomphoneis* Cl. 585
- Larsson, E. G. K.: *Rubus arcticus* L. subsp. \times *stellarcticus* subsp. nov. 227
- Lundqvist, N.: On the genus *Pyxidiophora* sensu lato (Pyrenomycetes) 121
- Molau, U.: The genus *Calceolaria* in NW South America IV. The sections *Anacyrta*, *Polyclada* and *Phaeanthera* 33
- Molau, U.: The genus *Calceolaria* in NW South America 363
- Moore, R. T.: Taxonomic significance of septal ultrastructure in the genus *Onnia* Karsten (Polyporineae/Hymenochaetaceae) 169
- Mycological Society of America, the 442
- Nilsson, L. A.: The pollination ecology of *Dac-*

tylorhiza sambucina (Orchidaceae)	367
Nordenstam, B.: <i>Othonna burttii</i> sp. nov. (Compositae) from the Drakensberg, South Africa ..	555
Norlindh, T.: <i>Dimorphotheca venusta</i> (T. Norl.) T. Norl. stat. nov. and additional notes on <i>D. montana</i> T. Norl. (Compositae)	559
Nybom, H.: Chromosome numbers in <i>Rubus</i> species from Sri Lanka	47
Nybom, H.: Germination in Swedish blackberries (<i>Rubus</i> L. subgen. <i>Rubus</i>)	619
Papanicolaou, K.: Inheritance of dissected leaflets in <i>Vicia grandiflora</i> Scop.	165
Papanicolaou, K. & Zacharof, E.: <i>Crocus</i> in Greece: new taxa and chromosome numbers ..	155
Peterson, B.: <i>Daphne pontica</i> (Thymelaeaceae), new to the flora of Iran, and new records for <i>Stelleropsis</i> (Thymelaeaceae)	17
Pragłowski, J. & Grafström, E.: The pollen morphology of the tribe Calenduleae with reference to taxonomy	177
Rao, T. A., Bremer, K. & Chakraborti, S.: Foliar sclereids in Sri Lanka (Ceylonese) species of <i>Memecylon</i> (Melastomataceae)	397
Ravenna, P.: A new yellow-flowered <i>Hymenocallis</i> (Amaryllidaceae) from North Peru	97
Reddy, M. I., Radhakrishnaiah, M., Narayana, L. L. & Ghosh, R. B.: Floral anatomy of <i>Nelsoniae</i> (Acanthaceae) with a note on its taxonomic status	131
Runemark, H.: Studies in the Aegean Flora XXIII. The <i>Dianthus fruticosus</i> complex (Caryophyllaceae)	475
Ryding, O.: Notes on <i>Aeollanthus</i> (Labiatae) in West Africa	229
Snogerup, B.: The genus <i>Reichardia</i> (Asteraceae) in the Aegean area	515
Snogerup, S., Bothmer, R. von & Gustafsson, M.: Floristic report from the island of Psathura (Greece)	145
Special offer: General Index of Botaniska Notiser 1959-1980	414
Strid, A. & Papanicolaou, K.: New species of <i>Aethionema</i> and <i>Peucedanum</i> from the Greek mountains	521
Sundström, B. G.: <i>Rhizosolenia phuketensis</i> sp. nov. and <i>Rhizosolenia stolterfothii</i> H. Peragallo (Bacillariophyceae)	579
Thind, K. S. & Sharma, M. P.: <i>Pezizella kashmirensis</i> , a new discomycete from India	395
Vollesen, K.: Notes on Annonaceae from Tanzania	53
Vollesen, K.: A new species of <i>Polyalthia</i> (Annonaceae) from Mozambique	403
Weimarck, G.: Botaniska Notiser 1839-1980	413
Weimarck, G.: Botaniska Notiser. 1839-1980 and developments in Botany reflected in its contents	415
Widén, B.: Flowering strategies in the <i>Helianthemum oelandicum</i> (Cistaceae) complex on Öland, Sweden	99
Yakovlev, M. S. & Zhukova, G. Ya.: Chlorophyll in embryos of angiosperm seeds, a review	323
Zimmergren, D.: The dynamics of seed banks in an area of sandy soil in southern Sweden	633

Reviews of botanical literature

Baum, B. R. 1978: The genus <i>Tamarix</i> (by H. Runemark)	650
Cramer, J. (ed.) 1977-80: <i>Bibliotheca Lichenologica</i> . A series of original papers and reprints of books on lichens published by J. Cramer. Vols. 6-14 (by O. Almborn)	649
De Vogel, E. F. 1980: Seedlings of dicotyledons. Structure, development, types. Descriptions of 150 woody Malesian taxa (by K. Bremer)	280
Emoto, Y. 1977: The Myxomycetes of Japan (by U. Eliasson)	118
Farr, E. A. et al. (eds.) 1979: <i>Index Nominum Genericorum (Plantarum)</i> . Vols. I-III. <i>Regnum Vegetabile</i> 100-102 (by O. Almborn)	648
Feinbrun-Dothan, N. 1978: <i>Flora Palaestina</i> . Part Three (by H. Runemark)	651
Fosberg, F. R. & Renvoize, S. A. 1980: The Flora of Aldabra and neighbouring islands (by S. Riebe)	558
Gjaerevoll, O. & Rønning, O. I. 1980: Flowers of Svalbard (by J. T. Johansson)	652
Hjelmqvist, H. 1979: Beiträge zur Kenntnis der prähistorischen Nutzpflanzen in Schweden (by B. E. Berglund)	632
Hui-Lin Li 1979: <i>Nan-fang tsáo-mu chuang</i> . A Fourth Century Flora of Southeast Asia (by Hong De-yuan)	568
Jahns, H. M. 1980: <i>BLV Bestimmungsbuch. Farne, Moose, Flechten Mittel-, Nord- und Westeuropas</i> (by O. Almborn)	647
Jensen, H. A. 1979: Seeds and other diaspores in medieval layers from Svendborg (by D. Zimmergren)	642
Jørgensen, P. M. 1978: The lichen family <i>Pannariaceae</i> in Europe (by O. Almborn)	118
Kärnefelt, I. 1979: The brown fruticose species of <i>Cetraria</i> (by O. Almborn)	119
Köhlein, F. 1980: <i>Saxifragen und andere Steinbrechgewächse</i> (by K. Stünkel)	564
Kornmann, P. & Sahling, P.-H. 1978: <i>Meeresalgen von Helgoland</i> (by T. von Wachenfeldt) ..	578
Krog, H. et al. 1980: <i>Lavflora. Norsk busk- och bladlav</i> (by O. Almborn)	646
Moore, P. D. & Webb, J. A. 1978: An illustrated guide to pollen analysis (by B. E. Berglund)	654
Nannenga-Bremekamp, N. E. 1979: <i>De Nederlandse Myxomyceten</i> . Ed. 2 (by U. Eliasson) ..	235
Seaward, M. R. D. (ed.) 1977: <i>Lichen ecology</i> (by O. Almborn)	647
Shishkin, B. K. & Yuzepchuk, S. V. (eds.) 1976-77: <i>Labiatae in Flora of the USSR</i> (by M. Iwarsson)	236
Stanley, R. G. & Linskens, H. F. 1974: <i>Pollen, Biology, Biochemistry, Management</i> (by R. von Bothmer)	653
Tutin, T. G. et al. (eds.) 1980: <i>Flora Europaea</i> . Vol. 5 (by R. Dahlgren)	645
Wolff, W. J. (ed.) 1979: <i>Flora and vegetation of the Wadden Sea</i> (by R.-A. Kornfeldt)	584
Zohary, M. et al. 1980: <i>Conspectus Florae Orientalis</i> . An annotated catalogue of the flora of the Middle East. Fascicle 1, <i>Papaverales</i> and <i>Rosales</i> (by S. Snogerup)	538

Index

The index covers only taxa which have been treated in more detail. New taxa and new combinations are printed in boldface; f indicates illustration(s) and m refers to a map. Each taxon is only indexed once per article.

- Acariniola basalipunctata f 131
 – subbasalipunctata f 131
 Aeollanthus 229
 – **angustifolius** f m 229
 – **cucullatus** f m 231
 Aethionema **carlsbergii** f 521
 – orbiculatum f 522
 – polygaloides f 522
 – retsina f 522
 Alectoria imshaugii m 570
 Anisacanthus f 1
 Aphanes **minutiflora** 146
 Arabidopsis thaliana f 638
 Arenaria serpyllifolia f 637
 Argopsis megalospora 263
 Arrhenatherum f 49
 Artotrogus asterophorus 122
 Ascolanthanus trisporus f 129
 Asphodelus albus m 533
 Asplenium viride m 528
 Asteranthe 53
 – **lutea** f 53
 Asterophora lycoperdoides f 121
 Asystasia f 1
 Avenula aetolica m 534
- Baeomyces 77
 – absolutus m 80
 – fungoides f m 79
 – granosus f 80
 – heteromorphus f m 80
 – subgranosus f 79
 Ballochlaia f 1
 Bartsia abyssinica
 var. abyssinica f m 210
 – – var. **nyikensis** f m 211
 – – var. **petitiana** f m 211
 Benthamiella f m 67
 – **sorianoi** f m 69
 Betula 643
 Bikosoecophyceae 615
 Bridelia scleroneura m 348
- Calceolaria sect. Anacyrta 33
 – sect. Phaeanthera 43
- sect. Polyclada 42
 – brachiata f m 42
 – **cataractarum** f m 363
 – comosa f m 39
 – crenata f 27
 – dichotoma f 30
 – ericoides f 29
 – fusca f m 44
 – helianthemoides f 22
 – lanceolata f 22
 – lojensis f 28
 – pedunculata
 ssp. **sumacensis** m 365
 – rosmarinifolia f 22
 – sericea f m 36
 – serrata f m 37
 – **ternata** f m 41
 – trilobata f 27
 – tripartita f 30
 – variegata f m 38
 – virgata f m 34
 Calendula arvensis f 178
 – fulgida f 178
 – maritima f 178
 – suffruticosa f 178
 Calenduleae 177
 Castalis tragus f 178
 Cetraria merrillii m 570
 Chamaeranthemum f 1
 Chrysanthemoides monilifera
 f 178
 Chrysastrella f 613
 Chrysooccus f 614
 Chrysophyceae f 595
 Chrysosphaerella f 598
 Clinacanthus f 1
 Coeloglossum viride m 534
 Coltricia perennis f 169
 Conostylis aculeata
 ssp. aculeata 223
 – **neocymosa** f m 223
 Copranophilus 130
 Corynephorus canescens f 637
 Craspedophyceae 615
 Crocus cancellatus 156
- chrysanthus
 ssp. chrysanthus f m 157
 – – ssp. **multifolius** f m 157
 – cvijicii 155
 – flavus m 157
 – olivieri m 157
 – pulchellus 156
 – sieberi f m 159
 – **stridii** f 161
 – veluchensis m 159
 Cyathus bulleri 345
 – **griseocarpus** f 343
- Dactylorhiza sambucina f 367
 Daphne pontica f m 17
 Dianthus elegans m 479
 – fruticosus m 482
 – – ssp. **amarginus** f m 485
 – – ssp. **carpathus** f m 487
 – – ssp. **creticus** f m 488
 – – ssp. fruticosus f m 483
 – – ssp. **karavius** f m 487
 – – ssp. **occidentalis** f m 483
 – – ssp. **rhodius** f m 486
 – – ssp. **sitiacus** f m 488
 Dimelaena radiata m 572
 Dimorphotheca chrysanthemifolia f 178
 – montana f 559
 – sinuata f 178
 – venusta var. **amoena** f 562
 – – var. venusta f 560
 Dipterocome pusilla f 178
- Ecboium f 1
 Elaphomyces **striatosporus** f 149
 Elytraria crenata f 311
 Eriocaulaceae 295
 Eriocaulon hookerianum f 295
 Erodium botrys f m 510
 – chium f m 509
 – cicutarium f m 512
 – gruinum f m 511
 – laciniatum f m 501
 – malacoides f m 507

VI

- moschatum f m 513
- neuradifolium f m 509
- vetteri f m 512
- Erophila verna f 635
- Everniastrum **andense** f m 387
- ecuadoriense f m 387

- Fomes fomentarius f 169

- Garuleum pinnatifidum f 178
- Gibbaria ilicifolia f 178
- Gomphonema abbreviatum f 585
 - - α) brevipes f 589
 - - β) longipes f 589
 - - f. brasiliensis f 586
 - angustatum f 592
 - curtum f 589
 - exiguum f 586
 - gracile f 589
 - herculeanum f 592
 - minutum f 586
- Gynandris **anomala** m 250
 - **australis** f m 251
 - **cedarmontana** f m 250
 - **hesperantha** f m 248
 - monophylla f m 257
 - pritzeliana f m 248
 - setifolia f m 251
 - simulans f m 252
 - sisyrinchium f m 254

- Helianthemum oelandicum f m 99
- Homeria f 93
- Hordeum chilense f m 550
 - **cordobense** f m 544
 - muticum f m 540
 - stenostachys f m 546
- Hymenocallis **heliantha** f 97
- Hypoestes f 1
- Hypomyces asterophorus f 123

- Inonotus hispidus f 170

- Kashmiria himalaica** f 565

- Licmophora minuta f 586
- Limonium **aegusae** f 291
 - albidum f 282
 - **balearicum** 288
 - **calabrum** 288
 - **catanense** f 290
 - **catanzaroi** f 289
 - **cyrtostachyum** 288
 - **divaricatum** 286
 - **flagellare** f 284
 - **furnarii** f 286
 - **halophilum** f 290
 - **hyblaeum** f 282
 - **intermedium** f 283
 - **ionicum** f 288
 - **lilybaeum** f 290
 - **lojaconi** f 286
 - **lopadusanum** f 281
 - **mazarae** f 283
- minutiflorum f 287
- oleifolium ssp. **algusae** 289
 - - ssp. **opulentum** 289
- **pachynense** f 292
- **pignattii** 286
- **ponzoi** 284
- **selinuntinum** f 291
- **syracusanum** f 284
- **tauromenitanum** f 288
- **zeraphae** f 285
- Lycogala conicum f 352
 - epidendrum f 352
 - exiguum f 352
 - flavofuscum f 354
 - fuscoviolaceum f 354

- Mackaya f 1
- Mallomonas f 598
 - **pulchella** 602
- Memecylon f 397
- Moraea f 92
 - **speciosa** f 92

- Nelsonia campestris f 311
- Nelsonieae 311
- Nidula f 405

- Odontonema f 1
- Onnia circinata f 170
 - leporina f 170
 - tomentosa f 170
- Ophrypetalum odoratum f 61
- Osteospermum dentatum f 178
- Othonna **burtii** f 555

- Pachystachys f 1
- Paraphysomonas f 607
 - **takahashii** f 607
- Parmelia pustulosa m 572
 - subolivacea m 572
- Paspalum conjugatum f 215
- Penaea mucronata f 562
- Peristrophe f 1
- Peucedanum **lavrentiadis** f 524
 - - ssp. **lavrentiadis** f 525
 - - ssp. **multicaulis** f 524
- Pezizella **kashmirensis** f 395
- Phaeolus schweinitzii f 170
- Phellinus torulosus f 170
- Phyllocladus hypophyllus f 189
- Pinus 643
- Polyalthia 55
 - **mossambicensis** 403
 - **tanganyikensis** f 56
 - **verdcourtii** f 56
- Polyporus tuberaster f 170
- Potentilla Group Axilliflorae f 430
- Prymnesiophyceae 615
- Pseuderanthemum f 1
- Pyxidiophoraceae 133
- Pyxidiophora **arvernensis** f 134
 - asterophora f 121
 - **badiorostris** f 137
 - **bainemensis** 138
- **caulicola** 139
- **fusco-olivacea** 139
- **grovei** f 139
- **marchalii** 139
- **microspora** 141
- **moseri** 141
- nyctalidis f 121
- **petchii** 141
- **schotteriana** 141
- **spinuliformis** 141
- **subbasalipunctata** 141

- Reichardia 515
 - picroides f m 518
- Rheome** f 92
 - **maximiliani** f 92
 - **umbellata** 92
- Rhinacanthus f 1
- Rhizosolenia **phuketensis** fm 579
 - stolterfothii f m 580
- Rhoicosphenia **abbreviata** f 586
- Rhynchonectria 128
- Rosa 432
- Rubus subgen. Rubus f m 619
 - arcticus
 - ssp \times **stellarcticus** 227
 - indicus 47
 - rugosus var. **thwaitesii** 47
- Ruspolia f 1
- Ruttya f 1

- Schaueria 1
- Spiniferomonas f 608
- Stelleropsis 19
- Sterocaulon argodes f 266
 - argus f 266
 - caespitosum f m 274
 - colensoi f m 267
 - corticatum f m 269
 - fronduliferum f m 270
 - gregarium f m 276
 - loricatum m 277
 - ramulosum f m 271
 - trachyphloeum m 273
 - vesuvianum f m 264
- Synura f 609
 - **petersenii** f. **asmundiae** f 610
 - - f. **bjoerkii** f 612
- Synuraceae 597

- Thecotheus cinereus f 319
 - **himalayensis** f 319
- Thelomma mammosum m 572
- Thymus parnassicus m 533
- Treleasia 128
- Tzellemtinia nervosa 347

- Uvaria 59
 - **lungonyana** f 59

- Valantia **deltoidea** f 63
- Veronica f 639
- Vicia grandiflora f 165

- Wulfeniopsis **nepalensis** 566

Opera Botanica

Vol. 1. N. Hylander, I. Jørstad and J. A. Nannfeldt: Enumeratio Uredinearum Scandinavicarum. 1953. 102 pp. H. Horn af Rantzien: Middle Triassic Charophyta of South Sweden. 1954. 83 pp. H. Hjelmqvist: Die älteste Geschichte der Kulturpflanzen in Schweden. 1955. 186 pp. Price SKr 30 (15).

Vol. 2. H. Runemark: Studies in Rhizocarpon. I. Taxonomy of the yellow species in Europe. 1956. 152 pp. H. Runemark: Studies in Rhizocarpon. II. Distribution and ecology of the yellow species in Europe. 1956. 150 pp. G. Knaben: On the evolution of the radicum-group of the Scapiflora Papavers as studied in 70 and 56 chromosome species. A. Cytotaxonomical aspects. 1959. 76 pp. Price SKr 30 (15).

Vol. 3. A. Gustavsson: Studies on Nordic Peronosporas. I. Taxonomic revision. 1959. 271 pp. A. Gustavsson: Studies on Nordic Peronosporas. II. General account. 1959. 61 pp. G. Knaben: On the evolution of the radicum-group of the Scapiflora Papavers as studied in 70 and 56 chromosome species. B. Experimental studies. 1959. 96 pp. Price SKr 30 (15).

Vol. 4. R. Dahlgren: Revision of the genus *Aspalathus*. I. The species with flat leaflets. 1960. 393 pp. Price SKr 30 (15).

Vol. 5. Å. Löve and D. Löve: Chromosome numbers of Central and Northwest European plant species. 1961. 581 pp. Price SKr 40 (20), bound SKr 48 (28).

Vol. 6. Å. Persson: Mire and spring vegetation in an area north of Lake Torneträsk, Torne lappmark, Sweden. I. Description of the vegetation. 1961. 187 pp. R. Dahlgren: Revision of the genus *Aspalathus*. II. The species with ericoid and pinoid leaflets. 1-2. 1961. 120 pp. Å. Persson: Mire and spring vegetation in an area north of lake Torneträsk, Torne Lappmark, Sweden. II. Habitat conditions. 1962. 100 pp. Price SKr 40 (20).

Vol. 7. N. Malmer: Studies on mire vegetation in the Archaean area of southwestern Götaland (South Sweden). I. Vegetation and habitat conditions on the Åkhult Mire. 1962. 322 pp. II. Distribution and seasonal variation in elementary constituents on some mire sites. 1962. 67 pp. Price SKr 40 (20).

Vol. 8. R. Dahlgren: Revision of the genus *Aspalathus*. The species with ericoid and pinoid leaflets. 3. 1963. 183 pp. N. Sylvén: Det skandinaviska floraområdets Carices Distigmaticae. The Carices Distigmaticae of the Scandinavian flora district. 1963. 161 pp. C. Bliding: A critical survey of European taxa in Ulvales. I. *Caposiphon*, *Percursaria*, *Blidingia*, *Enteromorpha*. 1963. 160 pp. Price SKr 40 (20).

Vol. 9. R. Dahlgren: Studies on *Aspalathus* and some related genera in South Africa. 1963. 301 pp. S. O. Strandhede: Chromosome studies in *Eleocharis*, subser. *Palustres*. III. Observations on western European taxa. 1965. 86 pp. Price SKr 40 (20).

Vol. 10. R. Dahlgren: Revision of the genus *Aspalathus*. II. The species with ericoid and pinoid leaflets. 4. 1965. 231 pp. S. O. Strandhede: Morphologic variation and taxonomy in European *Eleocharis*, subser. *Palustres*. 1966. 187 pp. Price SKr 40 (20).

Vol. 11. R. Dahlgren: Revision of the genus *Aspalathus*. II. The species with ericoid and pinoid leaflets. 5.

1966. 266 pp. G. Nordborg: *Sanguisorba* L., *Sarcopoterium* Spach, and *Bencomia* Webb et Berth. Delimitation and subdivision of the genera. 1966. 103 pp. Price SKr 50 (30).

Vol. 12. B. E. Berglund: Late-Quaternary vegetation in eastern Blekinge, southeastern Sweden. A pollen-analytical study. I. Late-glacial time. 1966. 180 pp. II. Post-glacial time. 1966. 190 pp. Price SKr 70 (42).

No. 13. S. Snogerup: Studies in the Aegean flora. VIII. *Erysimum* sect. *Cheiranthus*. A. Taxonomy. 1967. 70 pp. Price SKr 15 (9).

No. 14. S. Snogerup: Studies in the Aegean flora. IX. *Erysimum* sect. *Cheiranthus*. B. Variation and evolution in the small-population system. 1967. 86 pp. Price SKr 16 (9.40).

No. 15. R. Dahlgren: Studies on Penaeaceae. I. Systematics and gross morphology of the genus *Stylapterus* A. Juss. 1967. 40 pp. Price SKr 8 (4.80).

No. 16. G. Nordborg: The genus *Sanguisorba* section *Poterium*. Experimental studies and taxonomy. 1967. 166 pp. Price SKr 27 (16.20).

No. 17. I. Björkqvist: Studies in *Alisma* L. I. Distribution, variation and germination. 1967. 128 pp. Price SKr 25 (15).

No. 18. R. Dahlgren: Studies on Penaeaceae. II. The genera *Brachysiphon*, *Sonderothamnus* and *Saltera*. 1968. 72 pp. Price SKr 13 (7.80).

No. 19. I. Björkqvist: Studies in *Alisma* L. II. Chromosome studies, crossing experiments and taxonomy. 1968. 138 pp. Price SKr 25 (15).

No. 20. B. Nordenstam: The genus *Euryops*. I. Taxonomy. 1968. 409 pp. Price SKr 55 (33).

No. 21. R. Dahlgren: Revision of the genus *Aspalathus*. II. The species with ericoid and pinoid leaflets. 6. 1968. 309 pp. Price SKr 75 (45).

No. 22. R. Dahlgren: Revision of the genus *Aspalathus*. III. The species with flat and simple leaves. 1968. 126 pp. Price SKr 30 (18).

No. 23. B. Nordenstam: Phytogeography of the genus *Euryops* (Compositae). A contribution to the phytogeography of southern Africa. 1969. 77 pp. Price SKr 20 (12).

No. 24. T. Mörsjö: Studies on vegetation and development of a peatland in Scania, South Sweden. 1969. 187 pp. Price SKr 50 (30).

No. 25. G. Tyler: Studies in the ecology of Baltic seashore meadows. II. Flora and vegetation. 1969. 101 pp. Price SKr 25 (15).

No. 26. M. Sonesson: Studies on mire vegetation in the Torneträsk area, northern Sweden. III. Communities of the poor mires. 1970. 120 pp. Price SKr 30 (18).

No. 27. F. Andersson: Ecological studies in a Scanian woodland and meadow area, southern Sweden. I. Vegetational and environmental structure. 1970. 190 pp. Price SKr 50 (30).

No. 28. A. Strid: Studies in the Aegean flora. XVI. Biosystematics of the *Nigella arvensis* complex. With

- special reference to the problem of non-adaptive radiation. 1970. 169 pp. Price SKr 50 (30).
- No. 29. R. Dahlgren: Studies on Penaeaceae. VI. The genus *Penaea*. 1971. 58 pp. Price SKr 30 (18).
- No. 30. A. Strid (ed.): Evolution in the Aegean. Proceedings of a symposium held at the Department of plant taxonomy, Lund, Sweden on January 22-24, 1971. 1971. 83 pp. Price SKr 35 (21).
- No. 31. J. Lundgren: Revision of the genus *Anaxeton* Gaertn. (Compositae). 1972. 59 pp. Price SKr 25 (15).
- No. 32. A. K. Strid: Revision of the genus *Adenandra* (Rutaceae). 1972. 112 pp. Price SKr 40 (24).
- No. 33. A. L. Stork: Studies in the Aegean flora. XX. Biosystematics of the *Malcolmia maritima* complex. 1972. 118 pp. Price SKr 50 (30).
- No. 34. R. von Bothmer: Studies in the Aegean flora. XXI. Biosystematic studies in the *Allium ampeloprasum* complex. 1974. 104 pp. Price SKr 55 (33).
- No. 35. K. Persson: Biosystematic studies in the *Artemisia maritima* complex in Europe. 1974. 188 pp. Price SKr 100 (60).
- No. 36. U. Eliasson: Studies in Galápagos plants. XIV. The genus *Scalesia* Arn. 1974. 117 pp. Price SKr 60 (36).
- No. 37. A. K. Strid: A taxonomic revision of *Bobartia* L. (Iridaceae). 1974. 45 pp. Price SKr 30 (18).
- No. 38. R. Dahlgren: Studies on *Wiborgia* Thunb. and related species of *Lebeckia* Thunb. (Fabaceae). 1975. 83 pp. Price SKr 55 (33).
- No. 39. M. Gustafsson: Evolutionary trends in the *Atriplex prostrata* group of Scandinavia. Taxonomy and morphological variation. 1976. 64 pp. Price SKr 55 (33).
- No. 40. K. Bremer: The genus *Relhania* (Compositae). 1976. 86 pp. Price SKr 75 (45).
- No. 41. K. Brunsberg: Biosystematics of the *Lathyrus pratensis* complex. 1977. 78 pp. Price SKr 70 (42).
- No. 42. I. M. Brodo & D. L. Hawksworth: *Alectoria* and allied genera in North America. 1977. 164 pp. Price SKr 145 (87).
- No. 43. L. Andersson: The genus *Ischnosiphon* (Maranthaceae). 1977. 114 pp. Price SKr 95 (57).
- No. 44. B. Nordenstam: Taxonomic studies in the tribe *Senecioneae* (Compositae). 1978. 84 pp. Price SKr 75 (45).
- No. 45. P. M. Jørgensen: The lichen family *Pannariaceae* in Europe. 1978. 124 pp. Price SKr 110 (66).
- No. 46. I. Kärnefelt: The brown fruticose species of *Cetraria*. 1979. 150 pp. Price SKr 95 (57).
- No. 47. H. Hjelmqvist: Beiträge zur Kenntnis der prähistorischen Nutzpflanzen in Schweden. 1979. 60 pp. Price SKr 55 (33).
- No. 48. T. Santisuk: A palynological study of the tribe *Ranunculeae*. 1979. 74 pp. Price SKr 70 (42).
- No. 49. Ø. Moestrup & H. Ettl: A light and electron microscopical study of *Nephroselmis olivacea* (Prasinophyceae). 1979. 40 pp. Price SKr 40 (24).
- No. 50. K. Bremer: Taxonomy of *Memecylon* (Melastomataceae) in Ceylon. 1979. 32 pp. Price SKr 32 (19).
- No. 51. V. Dalgaard: Biosystematics of the Macaronesian species of *Scrophularia*. 1979. 64 pp. Price SKr 60 (36).
- No. 52. T. Engelskjøn: Chromosome numbers in vascular plants from Norway, including Svalbard. 1979. 38 pp. Price SKr 40 (24).
- No. 53. H. Rasmussen: The genus *Knowltonia* (Ranunculaceae). 1979. 44 pp. Price SKr 40 (24).
- No. 54. R. Granby: Revision of the genus *Coelidium* (Liparidae-Fabaceae). 1980. 47 pp. Price SKr 60 (36).
- No. 55. S. Prakash & K. Hinata: Taxonomy, cytogenetics and origin of crop Brassicas, a review. 1980. 57 pp. Price SKr 70 (42).
- No. 56. H. van der Werff & A. R. Smith: Pteridophytes of the State of Falcon, Venezuela. 1980. 34 pp. Price SKr 45 (27).
- No. 57. E. Julin: *Ranunculus auricomus* L. in Södermanland, East-Central Sweden. 1980. 145 pp. Price SKr 190 (114).
- No. 58. G. El-Ghazaly: Palynology of *Hypochoeridinae* and *Scolyminae* (Compositae). 1980. 48 pp. Price SKr 60 (36).
- No. 59. K. Vollesen: Annotated check-list of the vascular plants of the Selous Game Reserve, Tanzania. 1980. 117 pp. Price SKr 150 (90).

Botaniska Notiser Supplement

Vol. 1. S. Waldheim: *Kleinmoosgesellschaften und Bodenverhältnisse in Schonen*. 1947. 203 pp. O. Almborn: *Distribution and ecology of some South Scandinavian lichens*. 1948. 254 pp. Price SKr 15 (10).

Vol. 2. H. Hjelmqvist: *Studies on the floral morphology and phylogeny of the Amentiferae*. 1948. 171 pp. O. Andersson: *Larger fungi on sandy grass heaths and sand dunes in Scandinavia*. 1950. 89 pp. A. Almestrand and A. Lundh: *Studies on the vegetation and hydrochemistry of Scania lakes. I-II*. 1951. 174 pp. Price SKr 15 (10).

Vol. 3. A. Lundh: *Studies on the vegetation and hydrochemistry of Scania lakes. III*. 1951. 138 pp. O. Hedberg, O. Mårtensson, and S. Rudberg: *Botanical investigations in the Pältsa region of northernmost Sweden*. 1952. 209 pp. K. H. Rechinger fil.: *Monograph of the genus Rumex in Africa*. 1954. 114 pp. Price SKr 15 (10).

Opera Botanica is published by the Lund Botanical Society in cooperation with the Department of Plant Taxonomy, University of Lund. It consists of comprehensive papers issued at indefinite times.

All parts of *Opera Botanica* and its predecessor *Botaniska Notiser Supplement* are still available.

Distributor: The Swedish Natural Science Research Council, Editorial Service, P.O. Box 23136, S-104 35 Stockholm. Personal subscribers receive all the three series at a reduced rate (bracketed prices).