

(1964) on *Pyrola rotundifolia* s. l., an unsatisfactory paper, which should be assessed with the paper by KNABEN & ENGELSKJÖN (1968) at hand, MOORE & CHATER (1971) with implications on the status of *Carex arctogena*, URBANSKA-WORYTKIEWICZ (1970), who discerns the Scandinavian population of *Antennaria carpathica* s. l. as a taxon specifically distinct with eastern connections under the name of *A. villifera* Boriss.

Similar to HYLANDER's (1963a) statement for the period 1945-1960, purely nomenclatural unravelments in the Swedish flora have also been rare during the last decade. Examples are HYLANDER (1966b) on *Amelanchier*, KNABEN & HYLANDER (1970) on the *Papaver radicum* complex given rise to by LÖVE (1962), SNOGERUP (1970) on *Juncus conglomeratus*, and WIDÉN (1967) on *Agrostis*.

## 6. SPECIAL STUDIES IN BIOSYSTEMATICS, CYTO- AND CHEMOTAXONOMY

A long list could be made of papers in which special methods of one kind or the other are applied to material of spontaneous vascular plants. Many of them were performed for taxonomic or evolutionary purposes and were cited above as far as they are parts of the studies on a wider scope mentioned there. Among the rest, only a rather random selection can be made here, and this will be still more valid for the great number of papers with a chiefly genetic or agricultural aim, which all the same may be of great value to taxonomists.

Few publications of chromosome numbers have appeared outside special investigations of certain taxa (I. & O. HEDBERG, 1964), but it should be noted that LÖVE & LÖVE's (1961a) list covers Sweden and reports some new counts from this country. STRANDHEDE (1963) deals with *Anthericum*, LÖVKVIST (1962) with various cytotaxonomic problems in Scania, NYGREN (1962c) with *Melandrium rubrum* from serpentine areas, and SNOGERUP (1963) gives an annotated list of chromosome numbers in *Juncus*, which also includes many Extra-Scandinavian species. A cytotaxonomic study on Scandinavian mountain *Drabas* of importance for Sweden is KNABEN (1966), and among more purely caryological works are I. HEDBERG (1961, *Helictotrichon pratense*), and HENEEN (1962, 1963, *Agropyron junceum* and *A. repens*), which are the basis for the studies of limits between *Elymus* and *Agropyron* (RUNEMARK

& HENEEN, 1968). Continued studies by NORDENSKIÖLD (1961, 1971, to mention only those treating Swedish material) were undertaken on endopolyploidy in *Luzula*. FRÖST (1969) published further studies on accessory chromosomes in *Ranunculus acris* and *Phleum nodosum*.

Extensive experimental studies, following lines from previous work, were published by NYGREN (1962a, b) on hybridization in *Calamagrostis* and MÜNTZING (1966) on reproduction problems in *Poa alpina*. It may be sufficient to mention, of the various crossing experiments, the spectacular ones with good results made by O. HEDBERG (1962) between *Arabis alpina* from Scandinavia and E. Africa, and by LARSSON (1968) between *Rubus arcticus* and the Alaskan *R. stellatus*, aiming at a commercially usable amphiploid product. Examples of other experimental work for agricultural purposes are those on self-compatibility in *Dactylis* (A. LUNDQVIST, 1965, 1969). Reproduction and genetics of the partly apomictic *Potentilla argentea*-complex were treated by ASKER (1966, 1967, 1970a, b, c, 1971).

Few studies of pure population analysis were published (e. g. v. BOTHMER et al., 1971 and WALLENTINUS, 1972 on *Anemone nemorosa*). Extensive genecological studies by BJÖRKMAN et al. (BJÖRKMAN, 1966, 1968a, b, HOLMGREN, 1968, etc.) on the photosynthesis of *Solidago virgaurea* from Scandinavia and elsewhere have been made under exactly controlled conditions in a «phytotron».

Chromatographic methods have naturally played an increasing part in taxonomic and genetic investigations, e. g. G. WEIMARCK (1970) in *Hierochloë*, BRUNSBURG (1965) in *Lathyrus*, OLSSON (1967) in *Mentha*. FRÖST & ISING (1968) in the hybrid *Vaccinium myrtillus* × *vitis-idaea*, ASKER & FRÖST (1969a, b, 1970) in various South-Swedish *Potentillas* as part of a larger study of reproduction in these more or less agamospermous species, are only some of the studies based on Swedish material which may be mentioned.

## 7. ECOLOGY AND PHYTOSOCIOLOGY

The ecological literature dealing more or less with the vascular plants is very rich. It is necessary here to concentrate on works which are focused on basic research on terrestrial vegetation, and omit studies in forestry, grazing effects, etc. A most valuable survey of the whole of Swedish vegetation is found in the imposing volume «The Plant Cover of Swedan» (1965), edited to the late

Prof. G. E. Du Rietz's 70th birthday. It contains more than 40 ecological or phytosociological survey articles, all in English, covering aspects from the south to the north, from the sea to the high alpine belt, each written by a specialist, richly illustrated and with extensive bibliography. Much floristic information is also found in this book, which is indispensable for all wishing to obtain insight on Swedish vegetation and plant geography. Also, a new edition of SJÖRS's (1967) text-book (in Swedish) on Nordic plant geography has appeared.

The series of volumes on Nature in various Swedish provinces, referred to by HYLANDER (1963), was completed in 1963 with «Natur i Lappland», a double volume with many papers (in Swedish) on vegetation and floristics.

The vegetation of mires and peatland in various parts of Sweden was treated in a series of voluminous theses and other papers: MALMER (1962*a, b*), SVENSSON (1965) from the oligotrophic parts of S. Sweden, MÖRNSJÖ (1969) from Scania, FRANSSON (1972) from Värmland (W. Central Sweden), PERSSON (1961, 1962) and SONESSON (1967, 1969, 1970*a, b*) from the Torne Träsk area in Lapland. Littoral communities are the themes of BERGLUND (1963*a, b*), TYLER (1969*a, b*, 1971), NYLANDER (1972), WALLENTINUS (1967) and WALLENTINUS & JONSON (1972) all on Baltic sea meadows, L. ANDERSSON (1971) on a S. Swedish lakeshore and WASSÉN (1966) on the shores of a low-alpine lake-system later devastated by water regulations. Aquatic macrovegetation was treated by FORSBERG (1964) and LUNDEGARDH-ERICSON (1972) among others.

Various aspects of woodlands and other types of vegetation in cultivated parts of Sweden are dealt with in F. ANDERSSON (1970*a, b*; Scania), IVARSSON (1962, 1971*a, b*; Bohuslän, W. Sweden), RYBERG (1967, 1971), RODENBERG (1965, 1966, 1967; Öland), MALMSTRÖM (1966, 1967, 1969; E. Sweden). These works all take into consideration the relation of vegetation to cultivation history, an aspect more explicitly dealt with by RYBERG (1961, 1971) and SJÖBECK (1963; *Calluna*-heaths of Scania). Other major ecologic-phytosociological works deal with the vegetation of the shell deposits of Bohuslän (HALLBERG, 1970), the low-alpine heath in the Torne Träsk area, Lapland (BRINGER, 1961) and the vegetation of steep mountain slopes in Lapland (BRINGER, 1962 and especially J. LUNDQVIST, 1968).

## 8. ORIGIN AND HISTORY OF THE FLORA

Certain historical aspects of the Swedish flora and vegetation were thoroughly illuminated by the theses of BERGLUND (1966) on late-Quaternary vegetation in E. Blekinge (S. Sweden) and by KÖNIGSSON (1968) about the Great Alvar of Öland. As scattered examples from the rest of the field of late-glacial to pre-boreal vegetational history, the papers by M. FRIES (1962), S. FLORIN (1963) and M. B. FLORIN (1969, 1972) may suffice to be mentioned.

HJELMQVIST (1963a) brought to light a great deal of the mediaeval flora in the city of Lund and has also paid continued interest to the history of economic plants, especially the cereals, in Sweden (HJELMQVIST, 1962a, b, 1963b, 1966).

## 9. DISTRIBUTION MAPPING

As concerns distribution maps the most important event was the second edition of HULTÉN'S well-known Atlas of the distribution of vascular plants in N. W. Europe (HULTÉN, 1971a). The number of species mapped has somewhat increased (1929 compared to 1847 in the first edition) and the general revision has naturally meant additions (and single omissions) to many maps, though drastic changes, as expected, are very rare. The examples of remarkable finds in HYLANDER (1963a) as well as most of those given below are now found in the maps. HULTÉN has also continued his work «The Amphiatlantic Plants» by publishing two volumes on the Circumpolar Plants (HULTÉN, 1962, 1971b), which cover Pteridophytes — Monocotyledons and selected Dicotyledons. Every species or species complex has a map of its total distribution with taxonomic comments and detailed bibliography.

The map collection at Riksmuseum, Stockholm, forms the base also for «Index Holmensis» (TRALAU, 1969, 1972-4), which is intended to refer to all distribution maps of vascular plants published. So far the Pteridophytes, the Gymnosperms, the Monocotyledons and a few Dicotyledons are covered.

Local distribution maps are found in many of the works cited below, and are particularly numerous in WISTRAND (1962) and FRIES (1971).

## 10. FLORISTICS AND PLANT GEOGRAPHY

Floristic exploration has resulted in some provincial floras with a wealth of phytogeographical information but without keys and descriptions. These are HASSELROT (1967) for the province of Västergötland, the second edition of FRIES's (1971) very accurate flora of Bohuslän and the Gothenburg region, WISTRAND's (1962) thesis on the flora of Lapponia pitensis and ALMQUIST's (1965) «Flora Upsaliensis». The latter covers a region around Uppsala circumscribed in the same way as in WAHLENBERG's «Flora Upsaliensis» of 1820 and thus also the Linnaean localities there. ALMQUIST's work gives the most detailed picture possible of the drastic changes that the flora of this classical region has undergone since the 18th century. Two other works throwing some light on our 18th century flora are the annotated editions by S. JUNELL (1971) of a previously unpublished manuscript «Flora Nericiensis» (=Närke, C. Sweden), and by CLEMEDSON (1972) of Linder's «Flora Wiksgöns», a region in Södermanland, south of Stockholm.

In this connection, attention should be paid to some comprehensive supplements to older province floras, Å. LUNDQVIST (1970) to Sterner's «Flora der Insel Öland» (1938), ALMQUIST & BJÖRKMAN (1970) to ALMQUIST's «Dalarnes (= Dalecarlia) Flora» (1949), and ALMQUIST (1963) to Hård's av Segerstad (1952) Flora of Värmland.

Besides these major works there are a long series of parish floras, and notes of single finds, most of which were published in one or the other of the journals mentioned above. An increasing amount of floristic information is found in reports resulting from regional inventories undertaken by the authorities of natural conservancy on provincial or central level. These reports, which are only exceptionally printed (e. g. GUYA, 1971) but usually kept in stencil form, are consequently not accessible and may be of unequal reliability as concerns the identifications, much the more so since the floristic aspect is mostly subordinate. For some provinces, however, much detailed and accurate knowledge has become the result of these studies.

Also of great importance are the investigations performed in parts of N. Sweden (mainly Lapland and Jämtland), usually by experienced botanists, to explore the flora and vegetation of areas that are to be transformed into reservoirs for hydro-electric plants. WASSÉN (1966) has already been mentioned, and the more floristic

works by BJÖRKMAN (1965), RUNE (1965), RUNE & RUNE (1965), WISTRAND & LUNDQVIST (1964) should be added. Much of the results is, however, stored in unpublished reports.

Systematic floristic investigation is continuing in Scania (Skåne) (cf. HYLANDER, 1963a, p. 476) and a number of parish Floras were published up to 1966 in *Botaniska Notiser* and since then e. g. in *Fauna och Flora* (cf. above; also A. NILSSON 1963a). A parallel floristic investigation was started in the likewise South-Swedish province of Blekinge (BERGLUND, 1968). Floristic explorations of intense but less organizational kind have been made e. g. in N. Halland-S. W. Västergötland (S. W. Sweden) (BERGENGREN, 1962, ELIASSON, 1965, Ö. NILSSON, 1966, OHLANDER, 1963, 1965, 1966, 1967, 1969, 1971, 1972, HJORTSTAM, 1968, WESTFELDT, 1966, 1968, 1971, CARLSSON, 1963), Bohuslän (W. Sweden) (SUNESON, 1968, FRIES, 1971), Östergötland — Södermanland (S. E. Sweden) (CLEMEDSON, 1961, 1965, 1970, GENBERG, 1963, 1969, JONSELL, 1961), Dalarne-Hälsingland (C. Sweden) (WIGER, 1965) and Norrbotten (N. Sweden) (LÖNNQVIST, 1964). A number of Floras on a very local scale have been published in general parish descriptions or other non-periodical works (e. g. MALMGREN, 1970, FÄRJE, 1961, 1966).

Weeds and aliens have also been studied, notably by BLOM (1961) who summarizes all finds made in an area around Gothenburg 1945-1960, by A. NILSSON (1963b, 1964) and HYLANDER (1963b, 1969) (see also Appendix 3). In this connection the large posthumous work by HYLANDER (1970) «Prima loca plantarum vascularium Sueciae» should be mentioned. It is a list with detailed and often extensive comments on the first published Swedish finds of all subsynchronous and adventive plants, even the most casual aliens, in all ca. 1700 species.

Several floristic analyses of particular species, sometimes with a taxonomic touch, have been published, e. g. H. WEIMARCK (1966) on *Silene conica*, WALLENTINUS (1968) on two *Eleocharis*-species, Ö. NILSSON (1963, 1971) on *Pyrola rotundifolia* ssp. *maritima* and *Veronica peregrina*, KERS (1972) on *Stellaria nemorum*, LINDROTH (1972) on *Betula verrucosa* in Northernmost Sweden and OLANDER (1972) on *Osmunda*. HANSEN (1962) showed that the finds of *Dipsacus pilosus* in Sweden are all attributable to *D. strigosus*.

## 11. IMPORTANT MODIFICATIONS OF RANGE OR EXTINCTION OF NATIVE TAXA

The novelties at species level to the indigenous Swedish vascular flora for this period have solely been the consequence of taxonomic revisions (cf. above and Appendix 2) and not due to any spectacular finds in the field. At least one new, not merely casual synanthrope can be noted, *Orobanche minor* in Scanian *Trifolium*- und *Medicago* fields (JEPPSSON, 1968, KRAFT, 1970). There are many instances of finds, however, outside the known distribution areas and I can here only point to some of the discoveries made far outside the previously known range; all the more so as most of them were included by HULTÉN (1971).

*Juncus maritimus* and *Viola pumila* in Scania (A. NILSSON, 1962, PERSSON, 1969), *Glyceria plicata* of the E. Fennoscandian population, *Carex pediformis* and *Berula erecta* in Uppland (ALMQUIST, 1964), *Rosa pimpinellifolia* (since long extinct in Bohuslän) and *Tilia platyphylla* in Halland (Ö. NILSSON, 1961), *Scirpus tabernaemontani* in Jämtland (L. JUNELL, 1962), *Ceratophyllum submersum* in Östergötland and *Potamogeton rutilus* and *Crassula aquatica* in Lapland (LOHAMER, 1969), *Potamogeton polygonifolius* in Ångermanland (BARTLER, 1953, but only recently noticed and confirmed), and some southern finds of *Rubus arcticus* (JULIN, 1969, WESTFELDT, 1971b).

Remarkable refinds were made of *Luronium natans* and *Epipactis atrorubens* in Scania (BJÖRKQVIST, 1961, RAUSING, 1970), *Ilex aquifolium* in Bohuslän (FRIES, 1971). More species have probably been brought to the verge of extinction, especially in the cultivated parts of S. Sweden. A group of weeds bound to the old types of rye- and flaxfields seem to be practically out of our flora except for casual reintroductions (e. g. *Bromus secalinus*, *Lolium remotum*, *Agrostemma githago*); another is *Filago vulgaris* (*germanica*) treated by Ö. NILSSON (1968). It should take too long, regrettably, to give a list of seriously threatened taxa, but I would like to mention that at Uppsala Botanic Garden a programme has been initiated which intends to analyse the situation and to take necessary steps for conservation of the disappearing members of our flora («Project Linnaeus» directed by Dr. Ö. NILSSON).

## APPENDIX 1

## List of new taxa and combinations

New taxa are included if typified on Swedish material or if explicitly stated by its author to occur in Sweden.

New combinations are included for Swedish vascular plants except occasional aliens if the combination was published in a Swedish publication or by a Swedish author in a foreign one.

These principles imply that from works of wider geographical scope than Sweden (e. g. HYLANDER, 1966a, LÖVE & LÖVE, 1961b, c) only a part of the nomenclatural novelties is included in the Appendix.

- Acetosa pratensis* Mill. ssp. *alpestris* «(Scop.)» Löve in Löve & Löve (1961c, p. 51).
- Acetosa pratensis* Mill. ssp. *alpestris* var. *lapponica* (Hiit.) Löve in Löve & Löve (l. c.).
- Acrocentron scabiosa* (L.) Löve & Löve (1961b, p. 44).
- Agropyron caninum* (L.) PB var. *behmii* (Meld. in Hyl.) B. Nordenstam (1972, p. 32).
- Alchemilla samuelssonii* Fröhner (1964, p. 34).
- Alchemilla suecica* Fröhner (1964, p. 49).
- Amelanchier confusa* Hylander (1966b, p. 273).
- Arctophila fulva* (Trin.) Ands. ssp. *pendulina* (Laest.) Löve & Löve (1961c, p. 49).
- Brevipodium* Löve & Löve (1961b, p. 36).
- Brevipodium silvaticum* (Hudson) Löve & Löve (1961b, p. 37).
- Calamagrostis stricta* (Timm) Koel. ssp. *borealis* (Laest.) Löve & Löve (1961c, p. 50).
- Carex bigelowii* Torr. ssp. *nardeticola* Holub (1968, p. 190).
- Carex curta* Gooden. var. *robustior* (Blytt ex Andersson) Moore & Chater (1971, p. 326).
- Carex nigra* (L.) Reich. var. *juncea* (Fr.) Hylander (1966a, p. 387).
- Carex* sect. *Glaciales* Hylander (1966a, p. 386).
- Carex nigra* (L.) Reich. var. *recta* (Fleisch.) Hylander (1966a, p. 387).
- Carex pairae* F. Schultz ssp. *borealis* Hylander (1966a, p. 386).
- Carex paupercola* Michx ssp. *irrigua* (Wahlenberg) Löve & Löve (1961c, p. 50).
- Carex rariflora* (Wg) Sm. ssp. *stygia* (Fries) Löve & Löve (l. c.).
- Carex serotina* Mérat ssp. *fennica* (Palmgren) Löve & Löve (l. c.).
- Cochlearia islandica* Pobedimova (1968, p. 130).
- Coptidium lapponicum* (L.) Löve & Löve (1961b, p. 39).
- Corylus avellana* L. f. *dahlgrenii* Hylander (1966a, p. 387).
- Crataegus monogyna* Jacq. ssp. *nordica* Franco in Heywood (1968, p. 37).
- Dactylorhiza incarnata* (L.) Soó var. *borealis* (Neum.) Hylander (1966a, p. 387).
- Dactylorhiza incarnata* (L.) Soó var. *cruenta* (O. D. Müll.) Hylander (l. c.).



- Dactylorhiza incarnata* (L.) Soó var. *ochroleuca* (Boll) Hylander (l. c.).  
*Dactylorhiza incarnata* (L.) Soó var. *latissima* (Zapal.) Hylander (l. c.).  
*Dactylorhiza maculata* (L.) Soó ssp. *fuchsii* (Druce) Hylander (l. c.).  
*Dactylorhiza sambucina* (L.) Soó f. *rubra* (Winterl) Hylander (l. c.).  
*Dactylorhiza traunsteineri* (Saut.) Soó var. *pycnantha* (Neum.) Hylander (l. c.).  
*Diphasium chamaecyparissus* (A. Br.) Löve & Löve (1961b, p. 34).  
*Diphasium complanatum* (L.) Rothm. ssp. *montellii* Kukkonen (1970, p. 142).  
*Eleocharis palustris* (L.) R. & S. ssp. *palustris* var. *lindbergii* Strandhede (1961, p. 424).  
*Eleocharis uniglumis* (Link) Schult. ssp. *sternerii* Strandhede (1961, p. 433).  
*Eleocharis uniglumis* (Link) Schult. ssp. *uniglumis* var. *fennica* (Palla) Hylander (1966a, p. 386).  
*Eleocharis uniglumis* (Link) Schult. ssp. *uniglumis* var. *vestergrenii* Hylander (l. c.).  
*Eriophorum russeolum* Fr. ex Hartm. ssp. *rufescens* (Ands.) Hylander (l. c.).  
*Eriophorum russeolum* Fr. ex Hartm. ssp. *rufescens* f. *candidum* (Norm.) Hylander (l. c.).  
*Erysimum cheiranthoides* L. ssp. *nodosum* (Fries) Löve & Löve (1961c, p. 52).  
*Erysimum cheiranthoides* L. ssp. *altum* Ahti (1962, p. 24).  
*Euphrasia salisburgensis* Hoppe ssp. *lapponica* (Th. C. E. Fr.) Löve & Löve (1961c, p. 55).  
*Fagus silvatica* L. f. *denticulata* Hylander (1966a, p. 388).  
*Gentianella campestris* ssp. *baltica* (Murbeck) Löve & Löve (1961c, p. 54).  
*Gentianella campestris* (L.) Börner ssp. *germanica* (Proel.) Löve & Löve (1961c, p. 54).  
*Hieracium barturtense* S. Nordenstam (1966, p. 256).  
*Hieracium catobleptum* S. Nordenstam (1966, p. 250).  
*Hieracium eurogorosum* S. Nordenstam in Julin & Nordenstam (1964, p. 24).  
*Hieracium pilosella* L. ssp. *furvipilum* Dahlst. ex S. Nordenstam (1970, p. 317).  
*Hieracium pilosella* L. ssp. *pulchriceps* S. Nordenstam (l. c.).  
*Hieracium pilosella* L. ssp. *stereodes* Dahlst. ex S. Nordenstam (1970, p. 319).  
*Hieracium praecanuliforme* S. Nordenstam (1966, p. 256).  
*Hieracium psepharoides* Haglund (1963, p. 254).  
*Hieracium speirodon* Haglund (1963, p. 255).  
*Hierochloë hirta* (Schrank) Borbás ssp. *arctica* (Presl) G. Weimarck (1971, p. 150).  
*Hierochloë odorata* (L.) Wg ssp. *baltica* G. Weimarck (1971, p. 141).  
*Hyandra* Löve (1961, p. 214).  
*Hyandra suecica* (Fries) Löve (1961, p. 215).  
*Juncus articulatus* L. var. *hylandri* Hämet-Ahti (1966, p. 4).  
*Mentha* × *gentilis* L. nm. *submascula* (Neuman) Hylander (1965, p. 240).  
*Mysotis caespitosa* C. F. Schulz var. *neglecta* R. Schuster (1967, p. 83).  
*Mysotis frigida* (Vestergren) Löve & Löve (1961, p. 42).  
*Odontites rubra* (Baumg.) Opiz ssp. *fennica* (Marklund) Löve & Löve (1961c, p. 55).  
*Odontites rubra* (Baumg.) Opiz ssp. *litoralis* (Fries) Löve & Löve (l. c.).  
*Oxytropis deflexa* (Pallas) DC. var. *lapponica* (Wahlenberg) Boivin (1962, p. 499).

- Phippsia algida* (Sol.) R. Br. ssp. *algidiformis* (H. Smith) Löve & Löve (1961c, p. 49).
- Polygonum aviculare* L. ssp. *aequale* (Lindm.) A. & G. var. *calcatum* (Lindm.) Hylander (1966a, p. 388).
- Polygonum lapathifolium* L. ssp. *nodosum* (Pers.) Fr. var. *scanicum* Hylander (1966a, p. 388).
- Populus tremula* L. f. *brevifolia* Sylvén (1966, p. 176).
- Populus tremula* L. f. *flabellata* Hylander (1961, p. 108).
- Populus tremula* L. f. *paucidentata* Hylander (l. c.).
- Populus tremula* L. f. *subcordata* Sylvén (1966, p. 176).
- Potentilla hookeriana* Lehm. ssp. *chamissonis* (Hult.) Hultén (1968, p. 73).
- Primula nutans* Georgi ssp. *finmarchica* (Jacq.) Löve & Löve (1961c, p. 54).
- Pyrola grandiflora* Rostk ssp. *norvegica* (Knaben) Löve & Löve (1961c, p. 49).
- Ranunculus auricomus* L. ssp. (ap.) *acrifoliiformis* Julin (1965, p. 31).
- » » » *acrifolius* Nannf. & H. Smith in Julin (1963, p. 2).
- » » » *aculentiformis* Rasch (1970, p. 432).
- » » » *afzelii* Rasch (1970, p. 435).
- » » » *albertsonii* Julin (1967, p. 253).
- » » » *alcicornis* Julin in Julin & Nannf. (1966, p. 169).
- » » » *agynophorus* Julin (1965, p. 33).
- » » » *anemonophyllus* Hylander in Julin & Nannf. (1966, p. 170).
- » » » *anandrophyllus* Julin (1965, p. 35).
- » » » *anandrus* Julin (1965, p. 36).
- » » » *ancorifolius* Julin (1965, p. 38).
- » » » *angustifidus* Julin (1965, p. 39).
- » » » *angustilobulus* Julin in Julin & Nannf. (1966, p. 173).
- » » » *angustus* Julin (1967, p. 254).
- » » » *apertiformis* Julin in Julin & Nannf. (1966, p. 174).
- » » » *apertisinus* Julin in Julin & Nannf. (1966, p. 176).
- » » » *apertus* Marklund & Julin in Julin (1965, p. 40).
- » » » *arcuiformans* Julin (1965, p. 42).
- » » » *arwidssonii* Julin in Julin & Nannf. (1966, p. 176).
- » » » *asymmetrus* Julin in Julin & Nannf. (1966, p. 179).
- » » » *basiotrichys* Julin (1963, p. 5).
- » » » *brachygynophorus* Julin (1965, p. 44).
- » » » *brachyschides* Julin (1967, p. 256).
- » » » *brevidens* Julin (1967, p. 258).
- » » » *brevipedunculatus* Julin (1967, p. 260).

- Ranunculus auricomus* L. ssp. (ap.) *caespitans* Hylander & Nannfeldt in Julin & Nannf. (1966, p. 182).
- » » » *campanulatus* Julin (1965, p. 45).
- » » » *cancrifolius* Rasch (1970, p. 439).
- » » » *carosulus* H. Smith in Julin & Nannf. (1966, p. 185).
- » » » *chlorellus* Nannfeldt in Julin & Nannf. (1966, p. 187).
- » » » *circinans* Julin (1963, p. 7).
- » » » *clavulifer* Julin (1965, p. 47).
- » » » *coleophorus* Julin (1967, p. 261).
- » » » *compluridens* Julin (1965, p. 48).
- » » » *concinifrons* Julin (1963, p. 8).
- » » » *consectus* Julin (1967, p. 263).
- » » » *crassiusculus* Marklund (1961, p. 40).
- » » » *crassus* Julin (1965, p. 52).
- » » » *crenifolius* Julin (1965, p. 52).
- » » » *decorifactus* Julin (1965, p. 53).
- » » » *defectiflorus* Rasch (1970, p. 441).
- » » » *ducis* Julin (1963, p. 10).
- » » » *feripes* Rash (1970, p. 443).
- » » » *fissifolius* Nannf. & H. Smith in Julin & Nannf. (1966, p. 192).
- » » » *fissus* Julin (1967, p. 265).
- » » » *flabelliformis* Rasch (1970, p. 446).
- » » » *fuscinus* Julin in Julin & Nannf. (1966, p. 195).
- » » » *glechomoides* Hylander in Julin (1963, p. 10).
- » » » *glomifolius* Rasch (1970, p. 447).
- » » » *glossophorus* Julin in Julin & Nannf. (1966, p. 198).
- » » » *gonophyllus* Julin (1967, p. 265).
- » » » *haglundii* Julin (1967, p. 268).
- » » » *hemicyclodon* Julin (1965, p. 55).
- » » » *hemicyclophyllus* Julin (1965, p. 57).
- » » » *holanthus* Marklund (1964, p. 22).
- » » » *imitator* Julin in Julin & Nannf. (1966, p. 199).
- » » » *inaptus* Julin (1967, p. 270).
- » » » *incisurifer* Julin (1967, p. 271).
- » » » *inclinatus* Rasch (1970, p. 450).
- » » » *integerrimus* Julin (1963, p. 58).
- » » » *isophyllus* Julin (1963, p. 13).
- » » » *lacer* Julin (1967, p. 273).
- » » » *lacerescens* Julin (1967, p. 276).
- » » » *lacinulatus* Julin (1965, p. 59).
- » » » *latifolius* Julin (1967, p. 277).
- » » » *latissinus* Julin (1967, p. 279).

- Ranunculus auricomus* L. ssp. (ap.) *linifolius* Hylander & Nannf. in Julin & Nannf. (1966, p. 201).
- > > > *litoricola* Julin (1967, p. 281).
- > > > *longipilosus* Julin in Julin & Nannf. (1966, p. 203).
- > > > *longistylus* Nannf. in Julin & Nannf. (1966, p. 204).
- > > > *magnifolius* Julin (1967, p. 283).
- > > > *magnimammus* Julin in Julin & Nannf. (1966, p. 206).
- > > > *mammiformidens* Julin (1965, p. 61).
- > > > *marklundii* Nannf. & Julin in Julin (1965, p. 62).
- > > > *megalodon* Julin (1965, p. 66).
- > > > *megalodontoides* Julin (1965, p. 69).
- > > > *membranaster* Julin (1963, p. 14).
- > > > *membranifolius* Julin (1963, p. 16).
- > > > *metabolus* Julin (1965, p. 69).
- > > > *modestipilosus* Julin (1963, p. 16).
- > > > *monopetalus* Julin (1965, p. 71).
- > > > *multipartitus* Julin in Julin & Nannf. (1966, p. 209).
- > > > *nannfeldtii* Julin (1963, p. 19).
- > > > *nephromorphus* Julin in Julin & Nannf. (1966, p. 211).
- > > > *nephrophyllus* Julin (1963, p. 20).
- > > > *obliquifolius* Julin (1965, p. 73).
- > > > *oblongus* Julin (1967, p. 284).
- > > > *obscurans* Marklund (1961, p. 83).
- > > > *obscuraster* Julin (1963, p. 22).
- > > > *obscurisepalus* Julin (1967, p. 285).
- > > > *obovatus* Julin in Julin & Nannf. (1966, p. 213).
- > > > *obtusidens* Julin (1967, p. 287).
- > > > *oligandrus* Marklund (1961, p. 88).
- > > > *orbifolius* Julin (1965, p. 74).
- > > > *ovatitoratus* Julin (1963, p. 23).
- > > > *paludum* Julin in Julin & Nannf. (1966, p. 218).
- > > > *papilionaceus* Julin (1965, p. 75).
- > > > *paralbertsonii* Rasch (1970, p. 455).
- > > > *parcipilosus* Julin (1967, p. 289).
- > > > *parvirostratus* Nannfeldt in Julin & Nannf. (1966, p. 220).
- > > > *parvulifactus* Julin (1965, p. 77).
- > > > *pastorum* H. Smith in Julin & Nannf. (1966, p. 221).
- > > > *patens* Julin (1967, p. 291).

- Ranunculus auricomus* L. ssp. (ap.) *patulidens* Julin (1965, p. 78).  
 » » » *pendulus* Julin (1965, p. 80).  
 » » » *percrassus* Julin (1967, p. 292).  
 » » » *petiolulatus* Julin (1967, p. 81).  
 » » » *piliger* Julin (1967, p. 82).  
 » » » *pinguifolius* Rasch (1970, p. 455).  
 » » » *polyandrus* Julin (1967, p. 294).  
 » » » *polydactyloides* Julin in Julin & Nannf. (1966, p. 224).  
 » » » *polydactylus* Julin (1965, p. 84).  
 » » » *polymeres* Julin in Julin & Nannf. (1966, p. 226).  
 » » » *porrectilobus* Julin (1965, p. 85).  
 » » » *prasinaster* Julin (1965, p. 87).  
 » » » *prostratus* Julin (1963, p. 25).  
 » » » *pulcher* Julin (1967, p. 296).  
 » » » *quinguangularis* Julin (1965, p. 89).  
 » » » *reniger* Julin (1967, p. 296).  
 » » » *retusifolius* Rasch (1970, p. 457).  
 » » » *robustifolius* Julin in Julin & Nannf. (1966, p. 227).  
 » » » *rotundelliformis* Julin (1965, p. 90).  
 » » » *rotundellus* Marklund (1961, p. 109).  
 » » » *rotundidens* Julin (1965, p. 92).  
 » » » *rubroviolaceus* Julin in Julin & Nannf. (1966, p. 231).  
 » » » *semiorbicularis* Julin in Julin & Nannf. (1966, p. 233).  
 » » » *serratus* Julin (1967, p. 299).  
 » » » *sidereus* Julin (1965, p. 94).  
 » » » *smithii* Julin in Julin & Nannf. (1966, p. 234).  
 » » » *spado* Julin (1967, p. 300).  
 » » » *spissus* Julin (1967, p. 302).  
 » » » *subbrevis* Julin (1965, p. 95).  
 » » » *subcrassus* Julin (1965, p. 97).  
 » » » *subdecumbens* Nannf. & H. Smith in Julin & Nannf. (1966, p. 237).  
 » » » *subfuscus* Julin (1967, p. 99).  
 » » » *subglaucescens* Nannf. in Julin & Nannf. (1966, p. 239).  
 » » » *tenebricaster* Julin (1965, p. 100).  
 » » » *transversalis* Julin (1967, p. 304).  
 » » » *trichopus* Julin (1965, p. 102).  
 » » » *trilobulatus* Julin (1965, p. 103).  
 » » » *trivialis* Julin (1963, p. 27).  
 » » » *venustus* Julin (1967, p. 306).  
 » » » *zaplatyoides* Julin (1965, p. 106).  
 » » » *zaplatys* Julin (1965, p. 106).

- Ranunculus cassubicus* L. ssp. (ap.) *imitans* Marklund (1965, p. 92).  
*Ranunculus fallax* (W. & Gr.) Schur ssp. (ap.) *platycolpoides* Marklund (1965, p. 58).  
*Ranunculus monophyllus* Ovcz. ssp. (ap.) *neumannii* Julin (1964, p. 487).  
*Rumex longifolius* DC. f. *microcalyx* (Murb. & Hj. Nilss.) Hylander (l. c.).  
*Rumex maritimus* L. ssp. *fueginus* (Philippi) Hultén (1968, p. 45).  
*Ruppia spiralis* L. Dum. ssp. *longipes* (Hagström) Löve & Löve (1961c, p. 49).  
*Salix myrsinifolia* Salisb. ssp. *borealis* (Fries) Hylander (1966a, p. 387).  
*Silene vulgaris* (Moench) Garcke ssp. *maritima* (With.) Löve & Löve (1961c, p. 52).  
*Taraxacum abietifolium* Saarsoo (1963, p. 104).  
 > *congestum* Saarsoo (1963, p. 105).  
 > *gibbosum* Saarsoo (1962b, p. 160).  
 > *infidulum* Saarsoo (1963, p. 107).  
 > *irritum* Saarsoo (1963, p. 108).  
 > *parasemum* Saarsoo (1963, p. 109).  
 > *pelipodum* Haglund & Saarsoo in Saarsoo (1963, p. 111).  
 > *psammophilum* (Haglund) Saarsoo & Haglund (1962, p. 519).  
 > *saphycraspedum* Saarsoo & Haglund (1962, p. 521).  
 > *subbrevisectum* Saarsoo in Saarsoo & Haglund (1962, p. 534).  
 > *torsteni* Saarsoo (1963, p. 112).  
*Thalictrum simplex* L. ssp. *boreale* (Nyl.) Löve & Löve (1961c, p. 52).  
*Valeriana officinalis* L. ssp. *baltica* (Pleijel) Löve & Löve (1961c, p. 55).  
*Valeriana procurrens* Wallr. ssp. *salina* (Pleijel) Löve & Löve (l. c.).  
*Veronica sublobata* Fischer (1967, p. 227).

## APPENDIX 2

### List of indigenous vascular plants recorded as new for Sweden during the period 1961-1972

The Appendix includes novelties emanating both from new discoveries in the field or herbarium and from taxonomic revisions, but mere nomenclatural changes are not included and new taxa and combinations are found only in App. 1.

The Appendix is not claimed to be complete, since this would have involved perusal of too vast a field of Extra-Swedish literature.

- Antennaria villifera* Borissova (Urbanska-Worytkiewicz 1970).  
*Dryopteris assimilis* S. Walker (Nannfeldt 1966).  
*Hieracium farumense* Dahlst. (Almqvist 1962).  
 > *pseudoblyttii* (Julin 1961).  
 > *subaustrinum* (Almqvist 1962).  
*Hierochloë hirta* (Schrank) Borbás ssp. *hirta* (G. Weimarck 1971).  
*Pyrola rotundifolia* L. ssp. *maritima* (Ken.) Warb. (Ö. Nilsson 1969).

- Ranunculus auricomus* L. ssp. (ap.) *aurosulus* Markl. (Julin & Nannfeldt 1966).  
 » » » *defectus* Markl. (op. cit.).  
 » » » *firmiticaulis* Markl. (op. cit.).  
 » » » *obtusulus* (Markl.) Markl. in Olofsson (op. cit.).  
 » » » *pilipes* Markl. (op. cit.).  
 » » » *pullus* Markl. (op. cit.).
- Rubus langei* G. Jensen (Oredsson 1966).  
*Veronica hederifolia* L. ssp. *lucorum* Klett & Richter (= *sublobata* Fischer)  
 (B. Nordenstam & Nilsson 1969).

### APPENDIX 3

#### List of naturalized and adventive vascular plants recorded as new for Sweden during the period 1961-1972

For the compilation of this Appendix HYLANDER'S «Prima loca...» (1971) was of utmost importance and made it possible to include also occasional aliens. The Appendix comprises plants reported as new in the literature of the period, which means that the actual finds were sometimes made decades ago. It should be stressed that Appendix 3 is nearly exclusively a list of casual aliens and naturalizations. Only very few of the species enumerated seem to have become stabilized members of the Swedish flora. They are distinguished by an «●» before the name.

Two groups of aliens for which separate lists are available are not included in the Appendix. One is the very great number of ephemeral new aliens from the Gothenburgh area listed by BLOM (1961). The other comprises a number of species escaped from the Botanical Garden in Uppsala and commented upon by ALMQUIST (1965, pp. 268-273).

- Abies balsamea* (L.) Mill. (Hylander 1969, p. 605).  
*Achillea gerberi* M. B. (op. cit., p. 606).  
*Adlumia fungosa* (Ait.) Greene ex B. S. P. (Bergengren 1962, p. 266).  
*Alyssum argenteum* Vitm. (Hylander 1969, p. 605).  
*Amaranthus tamariscinus* Nutt. (op. cit., p. 605).  
*Amelanchier alnifolia* Nutt. (A. Nilsson 1969, p. 442).  
*Anthemis coelopoda* Boiss. (Hylander 1969, p. 606).  
*Aster alpinus* L. (op. cit., p. 606).  
*Asteriscus aquaticus* (L.) Moench (op. cit., p. 606).  
*Brunnera macrophylla* (Adam) Johnst. (A. Nilsson 1961, p. 84).  
*Carduus nutans* L. ssp. *alpicola* (Gillot) Chass. & J. Ar. (Kazmi 1964, p. 328).  
*Carduus nutans* L. ssp. *macrolepis* (Peterm.) Kazmi (op. cit., p. 327).

- Carduus personata* (L.) Jacq. (Hylander 1969, p. 607).  
*Carex pendula* Huds. (H. Weimarck 1963, p. 182).  
*Carlina acaulis* L. (Westfeldt 1968, p. 164).  
*Centranthus ruber* (L.) DC. (Rodenberg 1961, p. 228).  
*Chenopodium botryodes* Sm. (*C. chenopodioides* s. Aellen) (H. Weimarck 1963, p. 243).  
*Chionodoxa luciliae* Boiss. (A. Nilsson 1963b, p. 362).  
*Chrysanthemum multicolor* Hyl. (A. Nilsson 1963a, p. 140).  
*Chrysanthemum viscidohirtum* (Schott) Thell. (A. Nilsson 1963b, p. 364).  
*Claytonia sibirica* L. (H. Weimarck 1963, p. 263).  
*Corydalis capnoides* (L.) Wg (Hylander 1969, p. 605).  
*Cotoneaster dielsianus* Pritz. (Ö. Nilsson 1969, p. 607).  
*Cotoneaster divaricatus* Rehd. & Wils. (Hylander 1969, p. 606).  
*Crepis zacintha* (L.) Bab. (op. cit., p. 607).  
*Cytisus supinus* L. (Hylander 1969, p. 606).  
*Cuscuta lupuliformis* Krock. (Blom 1961, p. 114; Hjelmqvist 1963c, p. 343).  
*Dorycnium pentaphyllum* Scop. (H. Weimarck 1963, p. 414).  
 ● *Dipsacus strigosus* Willd. (A. Hansen 1962, p. 106).  
*Echinops ritro* L. (A. Nilsson 1963a, p. 141).  
*Euphorbia dulcis* L. (H. Weimarck 1963, p. 441).  
*Evax rotundata* Moris (Hylander 1969, p. 607).  
*Galeopsis pubescens* Bess. (Hylander 1969, p. 606).  
*Galinsoga caracasana* (DC.) Sch. Bip. (Hylander 1961b, p. 464).  
*Gypsophila oldhamiana* Miq. (A. Nilsson 1963b, p. 365).  
*Hedera helix* ssp. *hibernica* Kirchn. (Ö. Nilsson 1969, p. 205).  
*Hieracium caespiticola* Norrl. (Julin & Nordenstam 1964, p. 19).  
 > *flagellare* Willd. (Almquist 1965, p. 251).  
 > *kemiticum* Norrl. (Julin & Nordenstam 1964, p. 20).  
 > *maculatum* Sm. (Almquist 1965, p. 263).  
*Ibicella lutea* (Lindl.) Van Eselt (Hylander 1969, p. 606).  
*Iris orientalis* Mill. (*I. ochroleuca* L.) (A. Nilsson 1963a, p. 45).  
*Linum austriacum* L. (Rodenberg 1961, p. 228).  
*Lupinus nootkatensis* Donn ex Sims. (H. Weimarck 1963, p. 401).  
*Narcissus* × *incomparabilis* Mill. («*N. poeticus* × *pseudonarcissus*») (A. Lundqvist 1970, p. 90).  
*Nonea lutea* (Desr.) DC. (Almquist 1965, p. 211).  
*Orobanche hederæ* Duby (Hjelmqvist 1963c, p. 343).  
 ● > *minor* Sm. (Blom 1961, p. 120; Jeppsson 1967, p. 488; Kraft 1970, p. 15).  
*Parthenium hysterophorus* L. (Hylander 1969, p. 607).  
*Plantago loeflingii* L. (Hylander 1969, p. 606).  
*Polygonatum latifolium* (Jacq.) Desf. (A. Nilsson 1963b, p. 361).  
*Polygonum* cf. *arenarium* W. & K. (Hylander 1964b, p. 232).  
 > *plebejum* R. Br. (Hylander 1969, p. 605).  
 > *polystachyum* Wall. (Hylander 1966a, p. 380).  
*Populus* × *berolinensis* Dipp. (op. cit., p. 254).  
*Potentilla micrantha* Ram. ex DC. (Hjelmqvist 1964, p. 97).  
*Prunus virginiana* L. (Hylander 1969, p. 605).



- Ribes sanguineum* Pursh (op. cit., p. 605).
- *Rosa camtschatica* Vent. (Blom 1961, p. 100; A. Nilsson 1963a, p. 95; Ö. Nilsson 1967, p. 399).
- > *multiflora* Thunb. (Ö. Nilsson 1967, p. 402).
- Salvia glutinosa* L. (Ö. Nilsson 1969, p. 608).
- Scilla biflora* L. (A. Nilsson 1963b, p. 362).
- Sorbus decipiens* (Bechst.) Irmisch (A. Nilsson 1961, p. 107).
- Spiraea* × *bumalda* Burv. (Hylander 1969, p. 605).
- > *tomentosa* L. (op. cit., p. 606).
- Staphylea pinnata* L. (Å. Lundqvist 1970, p. 108).
- Stipa capillata* L. (H. Weimarck 1963, p. 93).
- Tradescantia* × *andersoniana* Ludw. & Rohw. (Hylander 1969, p. 605).
- Trifolium aurantiacum* Boiss. & Sprun. (op. cit., p. 606).
- > *hybridum* L. ssp. *elegans* (Savi) L. & G. (*T. elegans* Savi) (Blom 1961, p. 104).
- > *preslianus* Boiss. (Hylander 1969, p. 606).
- > *suffocatum* L. (Hylander 1969, p. 606).
- Trigonella aurantiaca* Boiss. (Hylander 1969, p. 606).
- Urtica membranacea* Poir. («*U. dubia* Forsk.») (Hylander 1966a, p. 322).
- Ziziphora capitata* L. (Hylander 1969, p. 606).

## BIBLIOGRAPHY

For the two most often cited journals the following abbreviations are used:

BN = *Botaniska Notiser*.

SBT = *Svensk Botanisk Tidskrift*.

- AHTI, T. (1962) — On the taxonomy of *Erysimum cheiranthoides* L. (Cruciferae). *Arch. Soc. «Vanamo»* 16: 22-35.
- ALMQUIST, E. (1949) — Dalarnes flora. Lund, 458 pp.
- (1962) — Ett par skånska hieracier av dansk härkomst. *BN* 115: 101-102.
- (1963) — Kompletteringar till Värmlands kärnväxtflora. *SBT* 57: 161-189.
- (1964) — *Berula erecta*, *Carex pediformis* m. fl. novitier i Upplands flora. *SBT* 58: 491-495.
- (1965) — Flora upsaliensis. Uppsalatraktens växter. Förteckning över fanerogamer och kärnkryptogamer. *Uppsala*, 297 pp.
- (1966) — Vad är *Hieracium auricula* β majus Wahlenberg? (Zusammenf.: 264). *BN* 119: 259-264.
- ALMQUIST, E. & BJÖRKMANN, G. (1970) — Nya tillägg till Dalarnes kärnväxtflora. *SBT* 64: 335-379.
- ANDERSSON, F. (1970a) — Ecological Studies in a Scanian Woodland and Meadow Area, Southern Sweden. I. Vegetational and Environmental Structure. *Opera Botanica* 27, 190 pp.
- (1970b) — Dito II. Plant Biomass, Primary Production and Turnover of Organic Matter. *BN* 123: 8-51.

- ANDERSSON, L. (1971) — Den litorala vegetationen vid sjön Mjörn i västra Västergötland (The litoral vegetation at Lake Mjörn in western Västergötland). *SBT* 65: 323-350.
- ASKER, S. (1966) — The occurrence of aberrants in some apomictic *Potentilla argentea*-biotypes. *Hereditas* 56: 54-70.
- (1967) — Induced sexuality after chromosome doubling in an apomictic *Potentilla argentea*-biotype. *Op. cit.* 57: 339-342.
- (1970a) — An intergeneric *Fragaria* × *Potentilla* hybrid. *Op. cit.* 64: 135-139.
- (1970b) — Apomixis and sexuality in the *Potentilla argentea* complex. I. Crosses with other species. *Op. cit.* 66: 127-144.
- (1970c) — Ditto II. Crosses within the complex. *Op. cit.* 66: 189-204.
- (1971) — Euploid and aneuploid derivatives (including trisomics) of some apomictic biotypes. *Op. cit.* 67: 111-142.
- ASKER, S. & FRÖST, S. (1969) — Chromatographic studies in *Potentilla argentea* L. *Hereditas* 62: 426-429.
- (1970a) — Chromatographic studies of phenolic compounds in apomictic *Potentilla* L. *Op. cit.* 65: 241-250.
- (1970b) — The «*Potentilla collina* problem» — a chemotaxonomic approach. *Hereditas* 66: 49-70.
- BARTLER, E. (1953) — Ulvöarna och Gnäggen. In Elofson & Curry-Lindahl (ed.): Natur i Ångermanland och Medelpad, p. 263-271. Uppsala.
- BERGENGREN, U. (1962) — Den högre floran i sydvästra delen av Västergötland. *SBT* 56: 239-292.
- BERGGREN, G. (1969) — Atlas of seeds and small fruits of Northwest-European plant species with morphological descriptions. Part 2. Cyperaceae. Lund, 68 pp., 39 Pl.
- BERGLUND, B. E. (1963a) — Vegetationen på ön Senoren II. Landvegetationen (Summ.: 76, Vegetation of the island Senoren II. The land vegetation). *BN* 116: 31-80.
- (1963b) — Dito III. Havsstrandvegetationen (Summ.: 321, The shore vegetation). *BN* 116: 305-322.
- (1966a) — Late-Quaternary Vegetation in Eastern Blekinge, Southwestern Sweden. I. Late-Glacial Time. *Opera Botanica* 12: 1, 180 pp.
- (1966b) — Dito. II. Post-Glacial Time. *Op. cit.* 12: 2, 190 pp.
- (1968) — Inventering av Blekinges flora 1958-1968 — resultat och metodik (Investigation of the Flora in the Province of Blekinge 1958-1968. Results and Methods). *BN* 121: 287-292.
- BJÖRK, S. (1964) — Kromosomgeografi och kromosomekologi beträffande *Phragmites communis* (Summ. Chromosome geography and ecology of *Phragmites communis*). Skrifter utg. av Södra Sveriges Fiskeriför., Arsskr. 1961/62: 71-81. Lund.
- (1967) — Ecologic investigations of *Phragmites communis*. Studies in theoretic and applied limnology. *Folia limnol. scandin.* 14, 248 pp.
- BJÖRKMAN, G. (1965) — Tillägg till kärnväxtfloran inom Stora Sjöfallets nationalpark jämte angränsande delar av norra Lule Lappmark (Summ.: 122, Additions to the Flora of Vascular plants in the National Park of Stora Sjöfallet together with surrounding parts of northern Lule Lapp-

- mark, Sweden). *K. Sv. Vetensk. akad. Avhandl. Naturskyddsärenden* 21, 128 pp.
- BJÖRKMAN, O. (1966) — Comparative studies of photosynthesis and respiration in ecological races. *Brittonia* 18: 214-224.
- (1968) — Further studies of Differentiation of Photosynthetic properties in Sun and Shade Ecotypes of *Solidago virgaurea*. *Physiol. Plantarum* 21: 84-99.
- BJÖRQVIST, I. (1961) — *Luronium natans* (L.) Raf. återfunnen i Skåne (Summ.: 367). *BN* 114: 365-367.
- (1967) — Studies in *Alisma* L. I. Distribution, variation and germination. *Opera Botanica* 17, 128 pp.
- (1968) — Studies in *Alisma* L. II. Chromosome studies, crossing experiments and taxonomy. *Op. cit.* 19, 138 pp.
- BLOM, C. (1961) — Bidrag till kännedomen om Sveriges adventiv- och ruderalflora V. (Summ.: 61, A contribution to the Knowledge on the Adventive and Ruderal Flora of Sweden). *Acta Horti Gotoburg.* 24: 61-133.
- BOIVIN, B. (1962) — Etudes sur les *Oxytropis* DC. I. *Oxytropis deflexa* (Pallas) DC. *SBT* 56: 496-500.
- v. BOTHMER, R. et al. (1971) — Clonal Variation in Populations of *Anemone nemorosa* L. *BN* 124: 505-519.
- BRINGER, K.-G. (1961) — Den lågalpina *Dryas*-hedens differentiering och ståndortsekologi inom Torneträskområdet. I, II. (Summ.: 371, 581, Differentiation and ecology of the low alpine *Dryas* heath in the Torneträsk area, northern Swedish Lapland I, II). *SBT* 55: 349-375, 551-584.
- (1962) — Kärlväxtfloran i en serie sydexponerade branter och brantavsnitt på fjället Vakketjåkko, Torne Lappmark, samt några iakttagelser rörande sydväxtbergfloras ståndortsekologi (Summ.: 339, The vascular plants of south-facing bluffs on Vakketjåkko, a mountain in the Torneträsk area, northern Swedish Lapland, and some observations concerning their distribution and ecology). *BN* 115: 318-342.
- BRUNSBERG, K. (1965) — The Usefulness of Thin-Layer Chromatographic Analysis of Phenolic Compounds in European *Lathyrus* L. *BN* 118: 377-402.
- CARLSSON, E. (1963) — Kärlväxtfloran i Björketorps och Sätilla socknar i västligaste Sjuhäradsbygden (Summ.: 75). *SBT* 57: 39-78.
- CLEMEDSON, C.-J. (1961) — Några anteckningar om vegetation och flora på Götön och Skåpholmarna i Mälaren. *SBT* 55: 267-291.
- (1965) — Selaön. Kultur, vegetation, flora. *Sörmländska Handlingar* 22, 151 pp., Nyköping.
- (1970) — Taxinge socken, Kultur, vegetation, flora. *Op. cit.* 27, 93 pp.
- (ed.) (1972) — Johan Linder: Flora Wiksbergensis. *Op. cit.* 28, 115 pp. Nyköping.
- CURRY-LINDAHL, K. (ed.) (1963) — Natur i Lappland, I, II. Uppsala, 1046 pp.
- ELIASSON, U. (1965) — Kärväxtfloran i Töllsjö socken i södra Västergötland (Summ.: 526, The vascular plant flora of the parish Töllsjö, Västergötland, southwestern Sweden). *SBT* 59: 513-527.
- ERDTMAN, G., BERGLUND, B. & PRAGLOWSKI, J. (1961) — An Introduction to a Scandinavian Pollen Flora. Uppsala.

- ERDTMAN, G., BERGLUND, B. & NILSSON, S. (1963) — Dito II. Uppsala 89 pp.
- FÄRJE, C. G. (1961) — Transtrands flora. Malung.
- (1966) — Solleröns flora. Sollerön, 93 pp.
- FISCHER, M. (1967) — Beiträge zur Cytotaxonomie der *Veronica hederifolia*-Gruppe (Scrophulariaceae). *Österr. Bot. Zeitschr.* 114: 189-233.
- FLORIN, M.-B. (1969) — Late-glacial and pre-boreal vegetation in Central Sweden. I. Records of pollen species. *SBT* 63: 143-187.
- (1972) — Two Swedish fossil records of *Ligustrum vulgare* L. *SBT* 66: 202-206.
- FLORIN, S. (1963) — A contribution to the vegetational history of the southern Mälär valley during Atlantic times. *Grana palynologica* 4: 281-291.
- FORSBERG, C. (1964) — The vegetation changes in Lake Tåkern. *SBT* 58: 44-54.
- FRANSSON, S. (1972) — Myrvegetation i sydvästra Värmland (summ.: Mire Vegetation in South-Western Värmland, Sweden). *Acta Phytogeogr. Suec.* 57, 133 pp.
- FRIES, H. (1971) — Göteborgs och Bohus läns fanerogamer och ormbunkar. 2nd ed. (ed. Botaniska Föreningen i Göteborg). Uddevalla, 453 pp.
- FRIES, M. (1962) — Studies of the sediments and the vegetational history in the Ösbysjö basin, north of Stockholm. *Oikos* 13: 76-96.
- FRÖHNER, S. (1964) — Zwei *Alchemilla*-Probleme aus Nordeuropa. *BN* 117: 33-55.
- FRÖST, S. (1969) — The inheritance of accessory chromosomes in plants, especially in *Ranunculus acris* and *Phleum nodosum*. *Hereditas* 61: 317-326.
- FRÖST, S. & ISING, G. (1968) — An investigation into the phenolic compounds in *Vaccinium myrtillus* L. (blueberries), *Vaccinium vitis-idaea* L. (cowberries) and the hybrid between them *V. intermedium* Ruthe employing thin layer chromatography. *Hereditas* 60: 72-76.
- GENBERG, E. (1963) — Norrköpings kärväxtflora. En jämförelse med Kolmården jämte artlista för Östergötlands norra del (Zusammenf.: 373. Die Gefäßpflanzenflora in Norrköping, Mittelschweden. Ein Vergleich mit dem Kolmårdengegend nebst Artenverzeichnis für den nordöstlichen Teil der Provinz Östergötland). *SBT* 57: 333-376.
- (1969) — Kärväxtfloran på Vikbolandet och i dess skärgård (Die Gefäßpflanzen der Halbinsel Vikbolandet, Mittelschweden, und ihren Schären). *SBT* 63: 81-125.
- GUSTAFSSON, M. (1972) — Distribution and effects of paracentric inversions in populations of *Atriplex longipes*. *Hereditas* 71: 173-194.
- GUVA, L. (1971) — Naturvårdsinventering i Västernorrlands län, 2. Angermanland, Adalen. Härnösand.
- HAGLUND, G. (1963) — Två nya Hieracier av gruppen *Silvaticiformia*. *SBT* 57: 253-257.
- HAKANSSON, S. (1963) — *Allium vineale* L. as a weed with special reference to the conditions in south-eastern Sweden. *Publ. from Dept. of Plant Husbandry at the Agric. Coll. of Sweden* 19, 208 pp.
- HALLBERG, P. (1971) — Vegetation auf den Schalenablagerungen in Bohuslän, Schweden. *Acta Phytogeogr. Suec.* 56, 136 pp.
- HÄMET-AHTI, L. (1966) — Some races of *Juncus articulatus* L. in Finland. *Acta Bot. Fenn.* 72: 3-22.

- (1967) — *Chaerophyllum bulbosum* L. ssp. *bulbosum* and ssp. *prescottii* (DC.) Nyman i Finland. *Ann Bot. Fennici* 4: 417-421.
- HANSEN, A. (1962) — *Dipsacus pilosus* L. findes naeppe i Sverige (Zusammenf.: *D. pilosus* ist kaum in Schweden vorhanden). *BN* 115: 106-108.
- HARD AV SEGERSTAD, F. (1952) — Den värmländska kärnväxtfloras geografi. Göteborgs Kungl. Vetenskaps- o. Vitterhetssamhälles handl., 6. följdén, ser. B. Bd. 7. Göteborg.
- HASSELROT, K. (1967) — Västergötlands flora. Lund, 175 pp.
- HEDBERG, I. (1961a) — Cytotaxonomic studies in *Anthoxanthum odoratum* L. s. lat. I. Morphologic analysis of herbarium specimens. *SBT* 55: 118-128.
- (1961b) — Chromosome studies in *Helictotrichon* Bess. *BN* 114: 389-396.
- (1964) — Pubescence — a spurious taxonomic character in *Anthoxanthum odoratum* L. s. lat. *SBT* 58: 237-240.
- (1967) — Cytotaxonomic studies on *Anthoxanthum odoratum* L. s. lat. II. Investigations of some Swedish and a few Swiss population samples. *Symb. bot. upsal.* 18: 5, 88 pp.
- HEDBERG, I. & HEDBERG, O. (1964) — Documented chromosome numbers of Swedish plants. *SBT* 58: 125-128.
- HEDBERG, O. (1962) — Intercontinental crosses in *Arabis alpina* L. *Caryologia* 15: 253-260.
- HENEEN, W. K. (1962) — Karyotype studies in *Agropyrum junceum*, *A. repens* and their spontaneous hybrids. *Hereditas* 48: 471-502.
- (1963) — Meiosis in the interspecific hybrid *Elymus farctus* × *E. repens* (= *Agropyrum junceum* × *A. repens*). *Hereditas* 49: 107-118.
- HEYWOOD, V. H. (ed.) (1968) — Flora Europaea. Notulae Systematicae ad Floram Europaeam spectantes, 7. *Feddes Repert.* 79: 1-68.
- HJELMQVIST, H. (1962) — Getreidabdrücke in der Keramik der schwedisch-norwegischen Streitaxtkultur. *Acta Archaeol. Lundensia* ser. in 8°, 2: 911-912.
- (1963a) — Frön och frukter från det äldsta Lund (Summ.: 274; Seeds and fruits from the most ancient Lund). *Archaeologica Lundensia* 2: 233-270. Lund.
- (1963b) — Zur Geschichte des Einkorns und des Emmers in Schweden. *BN* 116: 487-494.
- (1963c) — Några *Orobanche*-notiser. *BN* 116: 342-343.
- (1964) — *Potentilla micrantha* som trädgårdsflykting. *BN* 117: 97.
- (1966) — Some notes on the old wheat species of Gotland. *Hereditas* 56: 382-394.
- HJORTSTAM, K. (1968) — Kärnväxtfloran i Alingsås samt Bälunge, Hols och Horla socknar (Summ.: 334, The vascular plants in Alingsås and the parishes of Bäl, Hol and Horla, Västergötland, southwestern Sweden). *SBT* 62: 289-337.
- HOLMGREN, P. (1968) — Leaf factors affecting light-saturated photosynthesis in ecotypes of *Solidago virgaurea* from exposed and shaded habitats. *Physiol. Plant.* 21: 676-698.
- HOLMQVIST, A. (1962) — Svensk botanisk litteratur 1961 (Swedish Botanical Bibliography 1961). *BN* 115: 481-506.
- (1963) — Dito 1962. *BN* 116: 509-534.

- (1964) — Dito 1963. *BN* 117: 440-464.
- (1965) — Dito 1964. *BN* 118: 461-486.
- (1966) — Dito 1965. *BN* 119: 498-522.
- HOLUB, J. (1968) — Remarks on the taxonomy and nomenclature of the *Carex bigelowii* complex. *Folia Geobot. Phytotax.* 3: 183-192. Praha.
- HULTÉN, E. (1962) — The circumpolar plants, I. Vascular cryptogams, conifers, monocotyledons. *K. Sv. Vetensk. akad. Handl.* ser. 4, 8, 5, 275 pp.
- (1968) — Comments on the Flora of Alaska and Yukon. *Arkiv f. Botanik*, ser. 2, 7, 1, 147 pp.
- (1971a) — Atlas över växternas utbredning i Norden (Atlas of the distribution of vascular plants in northwestern Europe), 2nd ed. Stockholm, 531 pp.
- (1971b) — The Circumpolar Plants. II. Dicotyledons. *Kungl. Sv. Vet. Akad. Handl.* ser. 4, 13, 1, 463 pp.
- HYLANDER, N. (1953) — Nordisk Kärlväxtflora I. Stockholm, 392 pp.
- (1955) — Förteckning över Nordens växter. 1. Kärlväxter. Lund, 175 pp.
- (1959) — Tillägg och rättelser till Förteckning över Nordens växter. 1. Kärlväxter. *BN* 1959; 51-61.
- (1961a) — Ett par säregna aspformer. *Lustgården* 42: 104-108.
- (1961b) — En rödblommig Galinsoga-art funnen i Sverige. *BN* 114: 464-467.
- (1963a) — Report on the floristic and taxonomic studies on the Swedish flora during the period 1945-1960. *Webbia* 18: 473-495.
- (1963b) — Nordiska fynd av *Rumex fueginus* Phil. och av ett par nordamerikanska *Polygonum*-arter av gruppen Avicularia (Summ.: 374, On Scandinavian finds of *Rumex fueginus* and of two American species of the *Polygonum aviculare* group. together with some remarks on the variation in *Rumex maritimus* L.). *BN* 116: 369-375.
- (1964a) — *Alchemilla*-studier. 1. Om *Alchemilla oxyodonta*, dess avgränsning och utbredning (Zusammenf.: 254. *Alchemilla*-Studien. 1. Über *A. oxyodonta*, ihre Abgrenzung und Verbreitung). *SBT* 58: 241-257.
- (1964b) — Om några adventiva *Polygonum*-arter av gruppen Avicularia (Summ.: On some adventive *Polygonum* species of the Avicularia group). *BN* 117: 232-237.
- (1965) — Släktet *Mentha* i det nordiska floraområdet (Summ.: 241. The Genus *Mentha* in the Scandinavian Flora). *BN* 118: 225-242.
- (1966a) — Nordisk Kärlväxtflora II. Stockholm, 456 pp.
- (1966b) — Några anmärkningar om de i Sverige odlade och förvildade *Amelanchier*-arterna, särskilt *A. confusa* Hyl. (Zusammenf.: 274. Einige Bemerkungen über die in Schweden angebauten und verwilderten *Amelanchier*-Arten, besonders *A. confusa* Hyl.). *Lustgården* 1964/65: 266-277.
- (1969) — Några för Sverige nya förvildade eller adventiva fanerogamer (Some Subspontaneous or Adventive Plants New to Sweden). *BN* 122: 604-607.
- (1971) — Prima loca plantarum vascularium Sueciae. Plantae subspontaneae vel in tempore recentiore adventitiae. *Suppl. SBT* 64, 332 pp.

- IVARSSON, R. (1962) — Lövvvegetationen i Mollösunds socken (Zusammenf.: 184. Die Laubvegetation im Kirchspiel Mollösund, Bohuslän, Schweden). *Acta Phytogeogr. Suec.* 46, 197 pp.
- (1971a) — Lövvvegetationen på Lindö och Kalvö i norra Bohuslän I. Allmän översikt (Deciduous scrub and forest vegetation in Lindö and Kalvö in northern Bohuslän in the southwest of Sweden. I. General survey). *SBT* 65: 1-38.
- (1971b) — Dito II. Djupeklåva. Lövvvegetationens miljö och dynamik (II. Vegetation at Djupeklåva. Ecology and dynamics of the deciduous scrub and forest vegetation). *SBT* 65: 165-198.
- JEPSSON, L. (1967) — Ett fynd av *Orobancha minor* Sm. i Skåne (*Orobancha minor* Sm. Discovered in the Province of Scania, South Sweden). *BN* 120: 488-489.
- JONSELL, B. (1961) — Kärnväxtfloran på exponerade skär i Oxelösunds skärgård (Sum.: 338, Vascular flora of the outermost archipelago of Oxelösund, Central Sweden). *SBT* 55: 313-339.
- (1963) — On *Rorippa* × *sterilis* in Sweden. *BN* 116: 1-6.
- (1968) — Studies in the North-West European Species of *Rorippa* s. str. *Symb. Bot. upsal.* 19: 2, 222 pp.
- JULIN, E. (1961) — *Hieracium pseudoblyttii* Norrl. funnen i Sverige. *BN* 114: 248-251.
- (1963) — Der Formenkreis des *Ranunculus auricomus* L. in Schweden. I. Diagnosen und Fundortsangaben einiger Sippen aus Södermanland. *Arkiv f. Botanik* ser. 2, 6: 1-28.
- (1964a) — Några ord om Sveriges majranunkelflora. *SBT* 58: 27-30.
- (1964b) — Eine neue skandinavische Sippe des *Ranunculus monophyllus*. *SBT* 58: 486-490.
- (1965) — Der Formenkreis des *Ranunculus auricomus* L. in Schweden. II. Diagnosen und Fundortsangaben neuer Sippen aus Södermanland. *Arkiv f. Botanik* ser. 2, 6: 29-108.
- (1967) — Dito IV. Sippen von *R. auricomus* s. str. aus Öland. *Op. cit.*: 243-308.
- (1969) — *Rubus arcticus* funnen i Södermanland. *SBT* 63: 498.
- JULIN, E. & NANNFELDT, J. A. (1966) — Der Formenkreis des *Ranunculus auricomus* in Schweden. III. Sippen von *R. auricomus* s. str. aus Uppland. *Arkiv. f. Botanik*, ser. 2, 6: 163-241.
- JULIN, E. & NORDENSTAM, S. (1964) — Über die Hieracien im nordöstlichen Norrbotten (Nordschweden). *BN* 117: 15-27.
- JUNELL, L. (1962) — *Scirpus tabernaemontani* funnen i Jämtland. *SBT* 56: 189-190.
- JUNELL, S. (ed.) (1971) — Abraham Samzelius: Flora Nericensis, 1758. Göteborg, 174 pp.
- KAZMI, S. M. A. (1964) — Revision der Gattung *Carduus* (Compositae), 2. *Mitt. Bot. München* 5: 279-550.
- KERS, L. (1972) — De svenska utpostlokalerne för *Stellaria nemorum* L. ssp. *glochidosperma* Murb. *SBT* 66: 113-131.
- KNABEN, G. (1966) — Cytotaxonomical Studies in Some *Draba* Species. *BN* 119: 427-444.

- KNABEN, G. & ENGELSKJÖN, T. (1968) — Studies in Pyrolaceae especially in the *Pyrola rotundifolia* complex. *Arbok Univ. Bergen* 1967 (4): 1-71.
- KNABEN, G. & HYLANDER, N. (1970) — On the Typification of *Papaver radicum* Rottb. and its Nomenclatural Consequences. *BN*: 123: 338-345.
- KÖNIGSSON, L.-K. (1968) — The Holocene History of the Great Alvar of Öland. *Acta Phytogeogr. Suec.* 55, 172 pp.
- KRAFT, J. (1970) — Nytt fynd av *Orobancha minor* i Skåne. *Lunds Botaniska Förenings medlemsblad* 1970, pp. 15-17.
- KRISA, B. (1964) — Taxonomic revision of the *Pyrola rotundifolia* complex in Fennoscandia. *BN* 117: 397-417.
- KROK, TH. & ALMQUIST, S. (1960) — Svensk flora 1. Fanerogamer och ormbunksväxter. 25th ed. (ed. E. ALMQUIST). Stockholm.
- KUKKONEN, I. (1967) — Studies on the variability of *Diphasium (Lycopodium) complanatum*. *Ann. Bot. Fennici* 4: 441-470.
- (1970) — A nomenclatural note on the Fennoscandian *Diphasium complanatum*. *Ann. Bot. Fennici* 7: 142.
- KULLENBERG, B. (1961) — Studies in *Ophrys* pollination. *Zoologiska Bidrag från Uppsala* 34, 315 pp.
- LARSSON, E. G. K. (1968) — Betydelsen av vildväxande nordliga *Rubus*-arter för framställning av nya bärsorter (summ.: The Importance of Wild-growing Northern Rubi (Brambles) for Breeding New Berries). *Svensk Naturvetenskap* 21: 106-109.
- LID, J. (1965) — Norsk og svensk flora. Oslo, 800 pp.
- LINDROTH, S. (1972) — Utbredningen av *Betula verrucosa* inom Norrbottens län (Summ.: The distribution of *Betula verrucosa* in Norrbotten, N. Sweden). *SBT* 66: 407-416.
- LOHAMMAR, G. (1969) — Presentation av några växtfynd (Presentation of some plant finds). *SBT* 63: 201-207.
- LÖNNQVIST, O. (1964) — Floran i Övertorneåtrakten i Norrbotten. *SBT* 58: 371-408.
- LÖVE, A. (1961) — *Hylandra* — a new genus of Cruciferae. *SBT* 55: 211-217.
- (1962) — Typification of *Papaver radicum* — a Nomenclatural Detective Story. *BN* 115: 113-136.
- LÖVE, A. & LÖVE, D. (1961a) — Chromosome numbers of Central and Northwest European Plant Species. *Opera Botanica* 5. Lund, 581 pp.
- (1961b) — Some Nomenclatural Changes in the European Flora. I. Species and Supraspecific Categories. *BN* 114: 33-47.
- (1961c) — Ditto. II. Subspecific Categories. *BN* 114: 48-56.
- LÖVKVIST, B. (1962) — Chromosome and differentiation studies in flowering plants of Skåne, South Sweden I. General aspects. Type species with coastal differentiation. *BN* 115: 261-287.
- LUNDEGARDH-ERICSON, C. (1972) — Changes during four years in the aquatic macrovegetation in a flad in N. Stockholm Archipelago. *SBT* 66: 207-225.
- LUNDQVIST, A. (1965) — Self-Incompatibility in *Dactylis aschersoniana* Graebn. *Hereditas* 54: 70-87.
- (1969) — Self-incompatibility in *Dactylis glomerata* L. *Op. cit.* 61: 353-360.
- LUNDQVIST, J. (1968) — Plant Cover and Environment of Steep Hillsides in Pite Lappmark. *Acta Phytogeogr. Suec.* 53, 153 pp.



- LUNDQVIST, Å. (1963) — Orkidéer i Akerbo och Förbo härader. *Öländsk bygd. Akerbo hembygdsför. Årsbok 1963*: 16-35. Kalmar.
- (1965) — En öländsk *Epipactis phyllanthes* G. E. Sm. (Summ.: 233). *SBT 59*: 216-224.
- (1966) — What is *Epipactis confusa* Young? *SBT 60*: 33-48.
- (1967) — Orchideen Ölands. *SBT 61*: 463-493.
- (1970) — Supplement zu Sterners Flora der Insel Öland. *SBT 64*: 65-131.
- MALMER, N. (1962a) — Studies on Mire Vegetation in the Archaean Area of South western Götaland (South Sweden). I. Vegetation and Habitat Conditions on the Akhult Mire. *Opera Botanica 7*: 1, 322 pp.
- (1962b) — Dito II. Distribution and Seasonal Variation in Elementary Constituents on Some Mire Sites. *Op. cit.*: 2, 67 pp.
- MALMGREN, U. (1970) — Hallstahammars natur och flora. Uddevalla, 217 pp.
- MALMSTRÖM, C. (1966) — Sickla udde vid Hammarby sjö. Ett intressant område inom Stockholm med från äldre tid ännu bibehållen vegetation. *SBT 60*: 1-22.
- (1967) — Botilstorps äng i Adelövs socken, Jönköpings län. *SBT 61*: 65-78.
- (1969) — Skyddsområdet Åholmen i Rytterne socken, Västmanland. En historisk-botanisk beskrivning över området. *K Vet. Akad. Skrifter i natursk. ärenden 53*, 74 pp. Uppsala.
- MARKLUND, G. (1961) — Der *Ranunculus auricomus*-Komplex in Finnland 1. Diagnosen und Fundortslisten einiger Sippen der *R. auricomus* L. coll. (s. str.). *Flora Fennica 3*, pp.
- (1964) — En för mellersta Norrland och den västnyländska svenskbygden gemensam majranunkel [Zusammenf.: 24. Eine für mittleres Norrland (Nordschweden) und das schwedische Niederlassungsgebiet in westlichem Nyland (Südfinnland) gemeinsame Sippe von *Ranunculus auricomus*]. *SBT 58*: 18-26.
- (1965) — Der *Ranunculus auricomus* — Komplex in Finnland. II. Diagnosen und Fundortslisten einiger Sippen von *R. fallax* (W. & Gr.) Schur, *R. monophyllus* Ovcz. und *R. cassubicus* L. *Flora Fennica 4*, 198 pp.
- MOORE, D. M. & CHATER, A. O. (1971) — Studies of Bipolar Disjunct Species I. *Carex*. *BN 124*: 317-334.
- MÖRNSJÖ, T. (1965) — Agens växtplatser och historia i Skåne. *Skånes Natur 52*: 184-199.
- (1969) — Studies in the Vegetation and Development of a Peatland in Scania, South Sweden. *Opera Botanica 24*, 187 pp.
- MÜNTZING, A. (1966) — Apomixis and sexuality in new material of *Poa alpina* from middle Sweden. *Hereditas 54*: 314-337.
- NANNFELDT, J. A. (1966) — *Dryopteris dilatata* och *Dr. assimilis* i Sverige (Summ.: 150). *BN 119*: 136-152.
- NILSSON, A. (1961) — Exercisfältet — den sista resten av Landskrona stads norra fäläd. *Skr. utg. av Landskrona Museiför. o. Landskronatrakens Natur 3*, 166 pp. Landskrona.
- (1962) — *Juncus maritimus* vid Skanör. En ny medborgare i Skånes flora. *BN 115*: 102-105.

- (1963a) — Hven, vegetation och flora. *Skr. utg. av Landskronatraktens Natur* 4, 159 pp.
- (1963b) — Landskronatraktens adventiv- och ruderatflora. Anteckningar om Landskronatraktens flora V. *BN* 116: 353-368.
- (1964) — Ditto II. Ditto VI. *BN* 117: 420-424.
- (1969) — Ditto III. (The Adventive and Ruderal Flora of Landskrona, South Sweden). *BN* 122: 437-443.
- NILSSON, Ö. (1961) — *Rosa pimpinellifolia* L. och *Tilia platyphylla* Scop. funna i Halland (Summ.: 462). *BN* 114: 460-463.
- (1963) *Pyrola rotundifolia* L. ssp. *maritima* (Ken.) Warb. i Sverige. *BN* 116: 210-214.
- (1966) — Tillägg till floran i Fjärås socken. *SBT* 60: 293-309.
- (1967) — Drawings of Scandinavian Plants 1-8. *Rosa* L. *BN* 120: 1-8, 137-143, 249-254, 393-408.
- (1968) — Notes on *Filago vulgaris* Lam. (*F. germanica*) in Scania, Sweden. *BN* 121: 652-654.
- (1969) — Tre växtfynd från Skåne (Three Plant Finds from Scania). *BN* 122: 607-608.
- (1971) — *Veronica peregrina* L. (Scrophulariaceae) i Skandinavien. *SBT* 65: 393-398.
- NILSSON, Ö. & HJELMQVIST, H. (1967) — Studies on the Nutlet Structure of South Scandinavian Species of *Carex*. *BN* 120: 460-485.
- NORDBORG, G. (1963) — Studies in *Sanguisorba officinalis*. *BN* 116: 267-288.
- (1967) — The Genus *Sanguisorba* Section *Poterium*. Experimental studies and taxonomy. *Opera Botanica* 16, 166 pp.
- NORDENSKIÖLD, H. (1961) — Tetrad analysis and the course of meiosis in three hybrids of *Luzula campestris*. *Hereditas* 47: 203-238.
- (1971) — Hybridization experiments in the genus *Luzula* IV. Studies with taxa of the *campestris-multiflora* complex from the Northern and Southern Hemispheres. *Op. cit.* 68: 47-60.
- NORDENSTAM, B. (1972) — Om *Roegneria behmii* Meld., dess växtplats och systematiska ställning (On the habitat and taxonomic position of *Roegneria behmii* Meld.). *SBT* 66: 25-32.
- NORDENSTAM, B. & NILSSON, Ö. (1969) — Taxonomy and Distribution of *Veronica hederifolia* s. lat. (Scrophulariaceae) in Scandinavia. *BN* 122: 233-247.
- NORDENSTAM, S. (1966) — Några nya eller mindre väl kända hieracier från norra Sverige. *BN* 119: 249-258.
- (1970) — The *Hieracium* Flora of Gotska Sandön. *SBT* 64: 312-320.
- NORLINDH, T. (1972) — Notes on the variation and taxonomy in the *Scirpus maritimus* complex. *BN* 125: 397-405.
- NYGREN, A. (1962a) — Artificial and natural hybridization in European *Calamagrostis*. *Symb. bot. upsal.* 17: 3, 105 pp.
- (1962b) — On *Poa badensis*, *Poa concinna*, *Poa pumila*, *Poa xerophila* and the possible origin of *Poa alpina*. *Annales Acad. Reg. Scient. Upsal.* 6: 5-33.
- (1962c) — Studies in *Melandrium rubrum* from serpentine areas in Northern Sweden. *Kungl. Lantbrukshögsk. Annaler* 28: 195-201.

- NYLANDER, C.-E. (1972) — Vegetation i södra Bräkne-Hoby i mellersta Blekinge. 1. Strand- och skärgårdsvegetationen. *SBT* 66: 63-86.
- OHLANDER, M. (1963) — Kärlväxtfloran i Lindome socken, Halland. *SBT* 57: 449-486.
- (1965) — Kärlväxtfloran i Fjärås socken, Halland (Summ.: 125, Vascular plants in the parish of Fjärås on the Swedish south-west coast). *SBT* 59: 85-128
- (1966) — Kärlväxtfloran i Älvsåkers socken, Halland. *SBT* 60: 129-163.
- (1967) — Kärlväxtfloran i Gällinge och Förlands socknar i norra Halland. *SBT* 61: 494-526.
- (1969) — Kärlväxtfloran i Frillesås och Idala socknar i norra Halland. *SBT* 63: 275-299.
- (1971) — Kärlväxtfloran i Veddige socken i norra Halland. *SBT* 65: 213-224.
- (1972) — Floristiska bidrag från As, Värö och Sällstorp i norra Halland. *SBT* 66: 275-284.
- OLANDER, G. (1972) — *Osmunda regalis* på en för Sverige ovanlig lokal (Summ.: *Osmunda regalis* in a locality uncommon for Sweden). *SBT* 66: 94-102.
- OLLSSON, U. (1967) — Chemotaxonomic Analysis of some Cytotypes in the *Mentha* × *verticillata* Complex (Labiatae). *BN* 120: 255-267.
- OREDSSON, A. (1962) — Björnbärsinventering i norra Skåne II. Tillägg och rättelser. *Natur i Göinge* 1961: 15-17.
- (1966) — *Rubus langei* funnen i Sverige. *BN* 119: 371.
- (1969-70) — Drawings of Scandinavian Plants 17-44. *Rubus* L. Subgen. *Rubus*. *BN* 122: 1-8, 153-159, 315-321, 449-456. *BN* 123: 1-7, 213-219, 363-370, 447-454.
- PERSSON, K. (1969) — *Viola pumila* Chaix funnen i Skåne (*Viola pumila* Chaix Discovered in Scania, South Sweden). *BN* 122: 435-437.
- PERSSON, A. (1961) — Mire and Spring Vegetation in an Area North of Lake Torneträsk, Torne Lappmark, Sweden. I. Description of the Vegetation. *Opera Botanica* 6: 1, 187 pp.
- (1962) — Ditto II. Habitat Conditions. *Op. cit.*: 3, 100 p.
- POBEDIMOVA, E. (1968) — Novye vidi roda *Cochlearia* L. (Species novae generis *Cochlearia* L.). *Nov. Sist. Vyssh. Rast.* 1968: 130-135. Leningrad.
- RASCH, W. (1970) — Einige Sippen von *Ranunculus auricomus* L. s. str. aus Gotland (Schweden). *SBT* 64: 429-459.
- RAUSING, C. (1970) — *Epipactis atropurpurea* (atrorubens) — en återfunnen eller nyfunnen skånsk orkidé. *Lunds Bot. Förenings Medl. blad* 1970: 10-12.
- RODENBERG, L. (1961) — Floristiska anteckningar från södra Öland. *SBT* 55: 225-229.
- (1965) — Flora och vegetation i och vid Albrunna Lund på södra Öland. I. Det speciellt undersökta området. *SBT* 59: 411-462.
- (1966) — Ditto II. Albrunna lund, utanför det speciellt undersökta området, samt lundens omgivning. *SBT* 60: 254-292.
- (1967) — Ditto III. Betesgång och vegetationsutveckling m. m. *SBT* 61: 353-384.
- RUNE, C. & RUNE, S. (1965) — Kärlväxtfloran inom det av Messaure-dämningen berörda området vid Stora Lule älv (Summ.: 33, Vascular flora along

- the river Stora Lule älv between Messaure and Ligga). *K. Sv. Vetensk. akad. Avhandl. Naturskyddsärenden* 20, 34 pp.
- RUNE, S. (1965) — Kärnväxtfloran i övre delen av Blackälvsdalen och Taurejuätnodalen med särskild hänsyn till de delar, som drabbas av översvämning genom utbyggandet av Seitevare kraftverk. (Summ.: 65, The vascular flora in the upper part of the Blackälv valley with special respect to the parts flooded by the erection of the Seitevare hydroelectric power plant). *K. Sv. Vetensk. akad. Avhandl. Naturskyddsärenden* 19, 66 pp.
- RUNEMARK, H. & HENEEN, W. K. (1968) — *Elymus* and *Agropyron*, a Problem of Generic Delimitation. *BN* 121: 51-79.
- RUNQVIST, E. W. (1968) — Meiotic investigations in *Pinus silvestris* (L.). *Hereditas* 60: 77-128.
- RYBERG, M. (1961) — Preliminär översikt av vegetation och vegetationshistoria på halvön Näset vid Tullgarn. *SBT* 55: 218-224.
- (1967) — Några synpunkter på lundgräsens ekologi i östra Svealand [Summ.: Views on the ecology of some Swedish graminids of deciduous (nemoral) woods]. *SBT* 61: 385-418.
- (1971) — The deciduous woods on the Näset Peninsula at Tullgarn, Province of Södermanland. *K. Vet.-Akad. Handl., Ser. 4* 14 (1), 80 pp.
- SAARSOO, B. (1962) — Några nya *Taraxaca* från Finland. *SBT* 56: 156-174.
- (1963) — Nya *Taraxaca* från Västkusten (Summ.: 114. New *Taraxaca* from the West Coast of Sweden). *Acta Horti Gotoburg.* 26: 101-115.
- SAARSOO, B. & HAGLUND, G. E. (1962) — Ölands *Taraxacum*-flora (Summ.: 537. The *Taraxacum* Flora of the Island of Oeland, Sweden). *Arkiv. f. Botanik* ser. 2, 4: 515-560.
- SCHUSTER, R. (1967) — Taxonomische Untersuchungen über die Serie *Palustres* M. Pop. der Gattung *Myosotis* L. *Feddes Repert.* 74: 39-98.
- SJÖBECK, M. (1963) — Skånes ljunghedar åren 1550-1750. *Skånes Natur* 50: 168-210.
- SJÖRS, H. (1967) — Nordisk växtgeografi. 2nd ed. Uppsala, 239 pp.
- SNOGERUP, S. (1963) — Studies in the Genus *Juncus* III. Observations on the diversity of chromosome numbers. *BN* 116: 142-156.
- (1970) — Studies in the Genus *Juncus* IV. The Typification of *Juncus conglomeratus* L. *BN* 123: 425-429.
- SONESSON, M. (1967) — Studies on Mire Vegetation in the Torneträsk Area, Northern Sweden. I. Regional Aspects. *BN* 120: 272-296.
- (1969) — Ditto II. Winter Conditions of the Poor Mires. *BN* 122: 481-511.
- (1970a) — Ditto III. Communities of the Poor Mires. *Opera Botanica* 26, 120 pp.
- (1970b) — Ditto IV. Some Habitat Conditions of the Poor Mires. *BN* 123: 67-111.
- STERNER, R. (1938) — Flora der Insel Öland. *Acta Phytogeogr. Suec.* 9. Uppsala.
- STORK, A. (1970) — *Viola reichenbachiana* Jord. discovered on Åland (Alandia, Finland). *SBT* 64: 194-196.
- STRANDHEDE, S.-O. (1961) — *Eleocharis* *Palustres* in Scandinavia and Finland. Taxonomic units within the area. *BN* 114: 417-434.

- (1963) — Kromosomtäl och morfologi hos skånsk *Anthericum* (Summ.: Chromosome numbers and morphology on *Anthericum* from Scania). *BN* 116: 213-221.
- (1965a) — Chromosome studies in *Eleocharis*, subser. *Palustres* I. Meiosis in some forms with 15 chromosomes. *Hereditas* 53: 47-62.
- (1965b) — Ditto II. Pollen mitosis with special reference to some strains with 15 chromosomes and formation of secondarily unreduced pollen grains. *Op. cit.* 53: 374-388.
- (1965c) — Ditto III. Observations on Western European taxa. *Opera Botanica* 9 (2), 86 pp.
- (1965d) — Ditto IV. A possible case of an extra, reductional division giving rise to hemi-haploid pollen nuclei. *BN* 118: 243-253.
- (1966) — Morphologic Variation and Taxonomy in European *Eleocharis*, subser. *Palustres*. *Opera Botanica* 10.
- SUNESON, S. (1968) — Vegetation och flora i Skaftö socken i mellersta Bohuslän (Summ.: 109, Vegetation and flora in the parish of Skaftö in central Bohuslän). *SBT* 62: 1-120.
- SVENSSON, G. (1965) — Vegetationsundersökningar på Store Mosse (Summ.: 83). *BN* 118: 49-86.
- SYLVÉN, N. (1963) — Det skandinaviska floraområdet *Carex* Distigmaticae. *Opera Botanica* 8: 2, 160 pp.
- (1966) — Den svenska aspens variation med hänsyn till bladformen. *BN* 119: 170-176.
- The Plant Cover of Sweden (1965) — ed. Svenska Växtgeografiska Sällskapet. *Acta Phytogeogr. Suec.* 50, 314 pp.
- TRALAU, H. (ed.) (1969) — Index Holmensis, I. Equisetales, Isoëtales, Lycopodiales, Psilotales, Filicales, Gymnospermae. Zürich.
- (1972-4) — Ditto II-IV. Monocotyledoneae, Dicotyledoneae A-B. Zürich.
- TURESSON, B. (1972) — Experimental studies in *Hieracium pilosella* L. II. Taxonomy and Differentiation. *BN* 125: 223-240.
- TYLER, G. (1969a) — Studies in the Ecology of Baltic Sea-Shore Meadows. II. Flora and Vegetation. *Opera Botanica* 25, 101 pp.
- (1969b) — Regional aspects of Baltic shore-meadow vegetation. *Vegetatio* 19: 60-86.
- (1971) — Hydrology and salinity of Baltic sea-shore meadows. Studies in the ecology of Baltic sea-shore meadows III. *Oikos* 22: 1-20.
- URBANSKA-WORYTKIEWICZ, K. (1970) — *Antennaria carpathica* (Wahlenb.) Bluff & Fingerh. s. l. in Europe — a cyto-taxonomical study. *Ber. Geobot. Inst. ETH. Stiftung Rübel* 40: 79-166. Zürich.
- WALLDÉN, B. (1961) — Misteln vid dess nordgräns (Zusammenf.: 526, Die Mistel an ihrer Nordgrenze). *SBT* 55: 427-549.
- WALLENTINUS, H.-G. (1967) — Tullgarnsnäsets strandängar. Vegetation och flora (Summ.: 181, Salt marsh vegetation of Tullgarnsnäset, Södermanland). *SBT* 61: 145-184.
- (1968) — Utbredningen av *Eleocharis acicularis* och *E. parvula* på strandängslokaler vid svenska norrlandskusten (Summ.: 514, The distribution of *E. acicularis* and *E. parvula* on Bothnian shore meadows). *SBT* 62: 512-514.

- (1972) — Spring Phenology and Petal Number of *Anemone nemorosa* L. in Northern and Western Europe. *SBT* 66: 33-42.
- WALLENTINUS, H.-G. & JONSON, L. — Mapping vegetation of a Baltic sea-shore meadows of Tullgarnsnäset. II. *SBT* 66: 314-325.
- WASSÉN, G. (1966) — Gardiken. Vegetation und Flora eines lappländischen Seeufers. *K. Sv. Vetensk. akad. Avhandl. Naturskyddsärenden* 22, 142 pp.
- WEIMARCK, G. (1963) — Kromosomtal hos *Hierochloë odorata* i Skandinavien. *BN* 116: 172-176.
- (1967) — Apomixis and Sexuality in *Hierochloë australis* and in Swedish *H. odorata* on Different Polyploid Levels. *BN* 120: 209-235.
- (1970) — Spontaneous and Induced Variation in some Chemical Leaf Constituents in *Hierochloë* (Gramineae). *BN* 123: 231-268.
- (1971) — Variation and Taxonomy of *Hierochloë* (Gramineae) in the Northern Hemisphere. *BN* 124: 129-175.
- WEIMARCK, H. (1963) — Skånes Flora. Lund. 720 pp.
- (1964) — Review of *Flora Europaea* Vol. 1. *BN* 117: 465-467.
- (1966) — *Silene conica*, en senkommen medborgare i Skånes flora. *BN* 119: 358-360.
- WESTFELDT, G. A. (1966) — Floristiska anteckningar från Marks härad i södra Västergötland (Summ.: 126, Floristic notes from the district of Mark in southern Västergötland, southwestern Sweden). *SBT* 60: 85-128.
- (1968) — Floran i Vedens härad (inkl. Borås stad) [Summ.: 166, The flora of the district of Veden (incl. the town of Borås) in southern Västergötland, southwestern Sweden]. *SBT* 62: 121-168.
- (1971a) — Floran i Bollebygds socken (inkl. Hindås stationssamhälle). *SBT* 65: 57-77.
- (1971b) — *Petasites japonicus* och *Rubus arcticus* i södra Västergötland. *SBT* 65: 408-410.
- WIDÉN, C.-J. & SORSA, V. (1966) — A chromatographic and cytological study of the *Dryopteris spinulosa* complex in Finland. *Hereditas* 56: 377-381.
- (1969) — On the intraspecific variability of *Dryopteris assimilis* S. Walker and *D. spinulosa* Wett. A chromatographic and cytological study. *Op. cit.* 62: 1-13.
- WIDÉN, K.-G. (1967) — Om typifieringen av släktet *Agrostis* L. *BN* 120: 508-509.
- WIGER, J. (1965) — Botaniska undersökningar vid norrlandsgränsen (Summ.: 329, Botanical investigations at the «limes norrlandicus»). *SBT* 59: 261-331
- WISTRAND, G. (1962) — Studier i Pite Lappmarks kärlväxtflora med särskild hänsyn till skogslandet och de isolerade fjällen (Zusammenf.: 201, Studien über die Gefäßpflanzenflora der Pite Lappmark mit besonderer Berücksichtigung des Waldlandes und der isolierten niederen Fjelde). *Acta Phytogeogr. Suec.* 45, 211 pp.
- WISTRAND, G. & LUNDQVIST, J. (1964) — Kärlväxtflora på och kring stränder inom mellersta Piteälvens vattensystem [Zusammenf.: 66, Die Gefäßpflanzenflora an und entlang den Ufern im Fluss-system des mittleren Piteälv (Nordschweden)]. *K. Sv. Vetensk. akad. Skrifter i Naturskyddsärenden* 51, 72 pp.

**ÍNDICE DO VOLUME XXIV  
(2.ª parte)**

JALAS, JAAKKO — Progress in the study of vascular plants in Finland 1962-1971 . . . . .	395
JONSELL, BENGT — Report on floristic and taxonomic studies on the swedish vascular flora during the period 1961-1972 . . . . .	799
JOVET, P. & BRUNERYE, L. — Taxa nouvellement décrits en France . . . . .	463
LANDOLT, E. — Floristische und zytotaxonomische Arbeiten an der Flora der Schweiz zwischen 1960 und 1972 . . . . .	777
MERXMÜLLER, H. & LIPPERT, W. — Floristic report on Germany (1961-1971). A. Bundesrepublik Deutschland . . . . .	469
MORARIU, I. and DIHORU, GH. — The main aspects of research on Cormophytes in Romania . . . . .	765
OOSTSTROOM, S. J. VAN — Floristic literature published in the Netherlands mainly between 1962 and 1972 . . . . .	747
PHITOS, D. — Taxonomic and floristic research in Greece during the last decade 1961-1971 . . . . .	579
RAUSCHERT, S. — Floristic report on Germany (1961-1971). B. Deutsche Demokratische Republik . . . . .	559
SERMOLLI, RODOLFO E. G. PICHl and MOGGI, GUIDO — Report on the progress of floristic research in Italy since 1961 . . . . .	623
SOÓ, R. DE — Hauptergebnisse der floristischen-geobotanischen und systematischen Forschungen in Ungarn, 1961-1972 . . . . .	599
WEBB, D. A. — Floristic report for Ireland . . . . .	615



ÍNDICE DO VOLUME XXIV  
(2.ª parte)







