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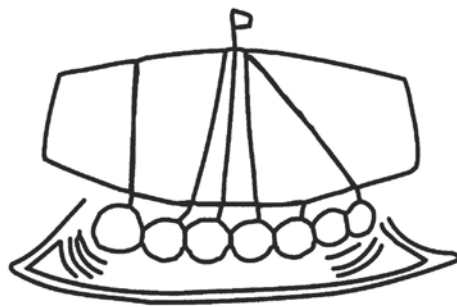
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## EDITORIAL



You may have noticed that this volume of NAA is late by approximately four years! For an abstracts publication this is rather too long, and this is a situation that we, the editors, are not comfortable with. Nevertheless, it is a situation we have had to live with, and we are genuinely happy to be able at last to present you with NAA 1991. We are most grateful to our subscribers for their patience, and to the new subscribers who have been trickling in, despite the possibility of delays. When you receive this volume of NAA, however, the next volumes NAA 1992, NAA 1993, NAA 1994 will be in line for publication in 1997.

The deadline for contributions to NAA 1995 has expired, but you still have a chance to be included, if you send abstracts of your works published in 1995 to your national editor immediately.

The deadline for contributions to NAA 1996 is March 1997, and the editors will be happy to receive your abstracts as early as January or February 1997. Please send your contribution to your national editor as soon as possible.



At the meeting of the editorial board in Copenhagen in February 1996 Else Johansen Kleppe stepped down, after having served on the board for more than 12 years; since 1984 as a national editor, from 1989 when the editorship was moved to Norway, as the managing general editor. The present editors wish to thank her for the long hours she has put in during all these years, and for her conscientious work in leading NAA safely towards the new millennium. At the same meeting, the Swedes formally assumed responsibility for the NAA 1994 volume, which is currently being edited by Ann Catherine Bonnier and Agneta Åkerlund, both based at the Riksantikvarieämbetet in Stockholm. Ann Catherine Bonnier has been editing Swedish church archaeology since 1987 and Agneta Åkerlund the Swedish Stone Age since 1980. The Norwegian staff is editing NAA 1992 and NAA 1993.



The present organization of NAA (see Editorial NAA 1988) is being changed. A new general editor will be appointed and funded jointly by the Nordic Central Boards of National Antiquities in Denmark, Finland, Norway and Sweden, thus relieving Sweden for the five years editorial management stint agreed upon in 1988. The various Keepers of National Antiquities have also agreed to secure the national abstracts-editing in the different countries. The new general editor, who will be selected

from a pool of applicants from the whole Nordic region, is expected to begin her/his work by the end of this year. At the top of the new editor's in-tray will be the material for the NAA 1995 volume.

The re-organization will not affect the production of NAA 1995 and will hardly be noticed by our subscribers, except as an improved quality product. The current editorial board expect it to bring NAA even further towards its goal of being a truly "joint Nordic organization ... not influenced by the national preferences of any Nordic country" (NAA 1988 - editorial). The Danish general editors stressed in their survey of the first 15 years of the NAA that "Independence of central bureaucracy is a necessity for an enterprise like NAA, making it easier to freely and rapidly follow changes in archaeology without reference to national or institutional policy." The editors were of the opinion that "The work has to be conceived as an individual commission of trust, filled with pleasure and interest, not a painful duty or barren routine". We agree.



NAA's goals are to reflect research trends, and to present first-hand information about new archaeological theories, methods and techniques. Another function is to convey information about new data and source material. The enforcement of The Heritage Act forms in each country the basis for most of the fieldwork carried out. This has resulted in many publications, which are generally field documentations, also with chronological ordering of the object accession, combined with radiocarbon datings. These source publications are often the only publication in which outstanding new findings first appear; otherwise they remain unknown until many years after they were actually made. We repeat what we said in the editorial of 1989 – PLEASE write abstracts of these field documentations. It is often difficult for both the national and the general editors to decide how much of this literature should be abstracted, and especially difficult to locate it. To quote Mette Iversen, the first general editor: "Your collaboration is important as a contribution to maintaining NAA as one of the best tools for knowledge retrieval in the Fenno-Scandinavian humanities"!



**SUBJECT INDEX:** At the annual meeting of the editorial board a constantly recurring topic is the subject index, and possible amendments, such as additional entries and re-organization of existing entries, are discussed. Below are the changes that have been agreed upon by the editorial board since NAA 1990 was published: **REGIONALITY** See **Society**. **SHIELINGS** See **Transhumance**. New entries are: **CHOROLOGY**, **GENDER**, **PALAEOMEDICINE** (A dictionary definition of chorology is:

“The study of the geographical distribution of animals and plants”. In archaeology it will often signify the interrelated space or room connection between different features, i.e. graves, rock pictures, etc.).



We are still struggling with computer errors. Certain corrections are not accepted by and registered in our database system NAASYS. After we discovered this system error while working with NAA 1990, UNI-C has tried to further amend the program. Please bear over with us if we have not been able to eliminate error from this volume. For NAA 1990, the following list of **errata** is given:

NAA 1990/48: H Knutsson, H is for Helena. J Taffinder, J is for Jacqueline.

NAA 1990/329: This book was actually published in 1991, thus it is also abstracted in this volume of NAA. (NAA 1991/371).

NAA 1990/16 is also mentioned in NAA 1990/30.

NAA 1990/26 is the same as NAA 1990/61.

NAA 1990/147 is the same as NAA 1990/165. Ale 1990/4 is correct.

Some of the errors are solely the editors' responsibility. Some authors publish almost identical texts in different publications. NAA takes pride in informing the reader of this. Sometimes, where there are some years between the two publications, this eludes us. But we should have been able to run one abstract with only a reference to the other when the author publishes almost identical articles twice in the same year! This time it occurred with NAA 1990/191, also presented in NAA 1990/200, and NAA 1990/492 presented in NAA 1990/495. It would help the editors if the authors themselves referred to the articles as being identical.



Volume I – the author and site index – of the Cumulative Index for the first 15 volumes of NAA, 1974-1988, was published in 1994.

Volume II – the subject index – is also due for publication this spring.

## PREFACE

Nordic Archaeological Abstracts – NAA – provides the archaeologist with a survey of Nordic archaeological literature from the preceeding year and thus enables the specialist to discover what is happening in fields outside her or his own. The detailed indexes make NAA a useful tool for research. See also the Cumulative indexes for NAA 1974-1988.

Abstracts are concise summaries of published articles, with the bibliographical information giving access to the originals. *They are intended to be fair summaries of the literature but should never be used as primary sources.*

### The scope of NAA

The purpose of NAA is to indicate publications dealing with archaeological investigations, prehistoric, medieval, and post-medieval. In the prehistoric sections, papers dealing with all aspects of human culture within the Nordic area are included.

The limits of NAA are more restricted for periods with written sources. Thus the medieval section contains primarily papers on archaeological excavations or excavated material, but other material sources of human activity are also included in the concept "medieval archaeology". Existing medieval buildings and their decoration are examples of material also studied by medieval archaeologists. Thus papers dealing with medieval material in the fields of art history and iconography may be found in NAA. Abstracts on churches and iconography are, however, abbreviated. Papers on the postmedieval period are included in NAA only if they deal with archaeologically excavated material. For complete coverage of Great British and North German papers the reader is advised to consult the abstracts publications listed on p 12.

Studies within ethnology, geography, linguistics, the natural sciences, etc., are also abstracted, provided they shed light on problems or material groups commonly met with in the field, or are of special interest from a methodological or chronological point of view.

Corresponding book reviews and annual reports from institutions are included only when they bring information of special interest. For minor articles bringing little or no important new information, complete coverage is not attempted.

Reports on excavations, like those constituting the report series from Göteborg, Stockholm, Bergen, Trondheim, and Tønsberg are for reasons of space usually not treated as individual papers; these series are included in the multi-period section 11A, or when dealing exclusively with urban archaeology, in the Medieval section 9K.



In the same way, papers written as part of university studies in archaeology are listed in section 11A, when they are available at the university in question. They have often involved considerable work, for example cataloguing, and so may be useful to other archaeologists.

The geographical limits of NAA are the Nordic countries, including Greenland. Papers on culturally related areas are cited, if noticed, as long as they bear on material treated by Nordic archaeology.

### How to use NAA

The basic division of the abstracts is chronological (see the *chronological table* on page 287), and within each period they are grouped according to subject. The classification codes – periods 1-11 and the subjects A-L – are explained in the *abstracts section finder*, also indicating the first abstract number in each section. The codes and the subject index help the reader to skim the booklet.

The classification code of the section is attached to each abstract and furthermore codes are given for subsidiary topics treated in the papers. References are given for articles dealing with more than one period in a *cross reference guide*. The indexes will help the reader to find papers by a certain author or on a certain region or important site – see *Index of authors and scholars* and *Site index*. **Most important for finding relevant papers is, however, the *Subject index*.**

After the code, the nationality of the topic is indicated.

Within the section the abstracts are arranged according to the initials of the author; for alphabetization see the introduction to the *index of authors and scholars*.

The abstract reference number comprises two elements: the annual number of NAA and a serial number, starting from 1 each year.

The original title is set in semi-bold type, followed by a translation in parenthesis. For the sake of consistency, all titles are written with small letters, regardless of the original orthography.

The full bibliographical information is given either in the abstract heading or in one of the two lists at the end of the volume. The first list comprises periodicals and irregular serials mentioned in this volume; the other list contains collective works, Festschriften, etc., the titles of which are followed by an asterisk\* in the abstract heading.

The abstracts are always signed: (Au) = author's abstract, (Au, abbr) author's abstract abbreviated, (Au/editor's initials) = author's abstract adapted by editor, (editor's initials) = editor's abstract; see back cover for full names.

### **How to write for NAA**

The principal rule is that *the author her or himself* writes the abstracts to ensure accuracy and to reduce the editor's rather heavy – voluntary – work.

So if you are publishing a paper on a topic within the limits of NAA, we entreat you to write the abstract yourself (in English, regardless of linguistic ability) and send it to the editor for the country and period in question. Not only is translation very time-consuming, but the difficulties which inevitably attend it are aggravated by abstraction and the frequent lack of supporting explanatory material. Many Nordic words, especially archaeological terms, have no exact English equivalent and you are liable to be misinterpreted unless you make your own translation decisions. Proper names are, however, retained in the original form (*e.g.* Svend Tveskæg and Helgeandshuset – if it is important for clarification a translation may be added (House of the Holy Spirit)). For bilingual names in Finland the Finnish *and* the Swedish version shall always be given. For the sake of completeness and homogeneity some abstracts have to be written or re-written by one of the editors. All abstracts are finally checked by the linguistic adviser.

The length of abstracts is restricted to 850 ems and this maximum should of course be utilized only for comprehensive and/or important works. Papers and books of special international interest may, however, be given abstracts exceeding the limits of ordinary abstracts.

For directions see abstract sheet at the end of the book.

### **Correspondence**

Any suggestions for improving NAA will be welcome.

NAA regrets that it cannot undertake to provide off-prints or photocopies of articles abstracted. The general editors are, however, always ready to forward a personal communication to an author, and he can supply the addresses of Nordic publications if required.

### **Acknowledgements**

Thanks are due to the local editors and the authors who contribute to make the NAA the handy tool it is. A special thank to Bjørn Ingvaldsen (NAASYS- Processor), Aasta Jøssang (Accountant) and to the Museum of Archaeology in Stavanger for its continuous and unwavering support.

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Last but not least we wish to express our gratitude to  
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Statens humanistiska kommission, Finlands Akademi, Finland  
Norsk Forskningsråd, Norway  
Humanistisk-samhällsvetenskapliga forskningsrådet, Sweden  
who have supported this volume.

The Editors

## OTHER ABSTRACTS PUBLICATIONS

- Art and Archaeology Technical Abstracts.** 33/2, 1995. New York (USA): The University, Institute of Fine Arts.
- Bibliographie zur Archäologie der norddeutschen Küstenländer.** [1984]. Ed by Karl-Heinz Willroth. Neumünster: 1986.
- British Archaeological Bibliography.** 5/2, 1996. London (GB): British Archaeological Bibliography.
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- Polish Archaeological Abstracts.** 20/1, 1988-1991 (1992). Wrocław/Warsaw (Poland): Ossolineum.

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- Litteratur om Danmarks forhistorie. 1969-1973.** By C J Becker. *Fortid og nutid* 28/3, 1980, pp 473-481.
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- Swedish Archaeological Bibliography. 1971-1975.** Ed by Sverker Jansson & Hilding Thylander. Stockholm (Sw): Svenska arkeologiska samfundet: 1978. – See also NAA 1983/4.
- Swedish Archaeology. 1981-1985.** Ed by Anders Carlsson *et al.* Stockholm: Svenska arkeologiska samfundet: 1987.
- (Swedish Archaeology. 1986-1990).** Ed by Mats Burström & Anders Carlsson *et al.* *Current Swedish Archaeology* 3, 1995. Stockholm: Svenska arkeologiska samfundet: 1995.
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A complete list of all Nordic archaeological bibliographies up to 1976 has been compiled by Jan Peder Lamm: **Bibliografisk hjälpreda vid sökandet efter nordisk arkeologisk litteratur**. *Fornvännen* 71, 1976/3-4 (1977), pp 205-206.

## RELATED BIBLIOGRAPHICAL PUBLICATIONS

**Ausgewählte Bibliographie zur Vorgeschichte von Mitteleuropa**. Ed by Rolf Hachmann. Berlin: Franz Steiner Verlag/Römisch-Germanische Kommission des Deutschen archäologischen Instituts: 1984. – Publications until 1975 are covered.

**Bibliographia studiorum uralicorum 1917-1987. Uralistiikan tutkimuksen bibliografia I. Bibliography on Uralic studies I. Archaeology**. By Marianne Schauman-Lönnqvist; Maria Aho; Aki Arponen & Arne Hedman. Helsinki (Fin): Helsingin yliopiston kirjasto & Soumalaisen kirjallisuuden seura: 1988 (1989) (= *Soumalaisen kirjallisuuden seuran toimittuksia* 494). 149 pp. Finn & Engl.

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**Svenskt biografiskt lexikon.** Stockholm (Sw): 1, 1918 (Abelin-) – 28, 1994 (-Odeberg-v. Post).

## ABBREVIATIONS

abbr	abbreviated	m.a.s.l.	m above sea level
ADP	automatic data processing	Med	Medieval Period
Au	Author	Mes	Mesolithic
BA	Bronze Age	MN	Middle Neolithic
Belg	Belgian/Belgium	N	North
C	century	Neo	Neolithic
c.	circa	Nord	Nordic
cal.	calibrated	Norw	Norwegian/Norway
CeltIA	Celtic Iron Age	Pal	Palaeolithic
conv.	conventional	PM	Post-Medieval Period
Dan/Den	Danish/Denmark	Pol	Polish/Poland
DKNVS	Det kgl. norske videnskabers selskab	PWC	Pitted Ware Culture
E	East	Raä	Riksantikvarieämbetet (the Central Board of National Antiquities)
EN	Early Neolithic	RomIA	Roman Iron Age
Engl	English	Russ	Russian/Russia
Est	Estonian/Estonia	S	South
Far	Faroese/the Faroe Islands	SA	Stone Age
Finn/Fin	Finnish/Finland	Scand	Scandinavian/Scandinavia
Fr	French/France	SHMm	Statens historiska museer
GB	British/Great Britain	Sov	Soviet
Ger	German/Germany	Summ	Summary
GerIA	Germanic Iron Age	Sw	Swedish/Sweden
Greenl	Greenland	TRB	Funnel Beaker culture
IA	Iron Age	Vik	Viking Age
Icel	Icelandic/Iceland	W	West
Kar	Karelian/Karelia	Ål	Ålandish/Åland Islands
KVHAA	Kungl. Vitterhets historie och antikvitets akademien	*	For bibliographical information see p 241.
Lat	Latvian/Latvia	[ ]	Editor's addition to the abstract heading.
Lith	Lithuanian/Lithuania		
LN	Late Neolithic		