PRESIDENTIAL ADDRESS

I had the privilege to be one of the twelve or so dental anthropologists to attend the informal dinner at the Knoxville meeting of the American Association of Physical Anthropologists in 1985 which, in retrospect, turned out to be the first informal meeting of this organization. Our soon-to-be first president, M. Yasar Iscan, had called a few of us together in the lounge earlier in the afternoon to discuss whether we thought that a dental anthropology group would stimulate enough interest among the membership to become a formal organization. After a few drinks it was obvious that no consensus was forthcoming, so we decided to have dinner that evening and, as they say, the rest is history.

Our association is still in an early age of development (precalcification) and by all indications, is doing quite well. For example, as of 1988, there were 148 members and one museum listed in the directory; today there are 168 members, one museum and one library. In order to maintain this momentum and vitality we must continue to increase our membership. As noted by my predecessor, "if each of us were to 'put the bite' on one person, our group would enter the next year with an even more robust membership, so I urge you to go out there and proselytize". As your third president, I too believe the task of increasing our membership to be one of our major responsibilities. This is more than a numbers game, however. If we are to maintain our identity and coherence, we must have a vigorous active membership, not just a large one. Let us all work to this end.

The annual business meeting in an important function of any association and I urge everyone to attend our meetings, for it is here that we can air our thoughts and express our opinions about the DAA and meet each other. Communication is so necessary, particularly in a group as diverse as ours. The Dental Anthropology Newsletter is also an excellent source of communication and it is important that you share your personal experiences and interests through this medium. I know our new editor, Sue Haeussler, will welcome your correspondence. We have made a good beginning in four years.

I look forward to working and growing with you "officially" for the next two years, and for many more after that.

Daris Swindler
DENTAL ANTHROPOLOGY NEWSLETTER

Beginning with this issue three changes affect the Dental Anthropology Newsletter. First, the newsletter is being published at the Laboratory of Dental Anthropology, Department of Anthropology, Arizona State University. Second, an editorial board now serves in an advisory capacity by refereeing articles when needed, identifying or approaching individuals to contribute short articles, and occasionally contributing a short piece on a topic of their own interest. As of this issue, an incomplete roster of the editorial board consists of C. Loring Brace, Nancy Cordell, Albert Dahlberg, Gloria Edynak, Edward Hunt, John Lukacs, and Christy Turner. Third, a group of editorial associates manages the day-to-day production of the Dental Anthropology Newsletter. Editorial associates are Joel Irish, Diane Hawkey, Steven Street, and Edwin Crespo, all advanced graduate students working on various aspects of dental anthropology.

The Dental Anthropology Newsletter will maintain the current format of short articles and news items. Plans for new features include schedules and reports of meetings of interest to dental anthropologists, computer news (programs and reviews of both hard- and software), recent dissertations, a bibliography of journal articles, lists and reviews of recent books, current projects, grants and other awards, and notices about grants and jobs.

To accomplish these plans, the Dental Anthropology Newsletter is actively soliciting the membership for short articles, which fit into these and any additional subjects pertaining to dental anthropology. The current issue contains several articles by and about dental anthropologists at Arizona State University. The editors challenge the membership to prevent future such monopolization of the news by contributing information about dental anthropology in the remainder of the world.

A.M. Haeussler
Editor

RENEWAL OF DAA MEMBERSHIP

As suggested by B. Holly Smith at the last DAA business meeting, we will begin an annual membership billing procedure starting January, 1991. Since all membership renewals will now be payable in January of each year, confusion concerning active membership status should be eliminated. The next issue of the newsletter will contain a 1991 membership renewal form for your convenience. Membership in the DAA continues to be for the calendar year and includes a subscription to the Dental Anthropology Newsletter (3 issues per year). Dues are $10.00 (U.S.) for regular membership, or a special rate of $5.00 for students. Please contact Diane Hawkey (Secretary-Treasurer) for further information.

Diane E. Hawkey

MEETING NEWS

Dental Anthropology was represented by CG Turner II at the International Symposium on the Chronostratigraphy of the Paleolithic in North, Central, East Asia and America, held in Novosibirsk, U.S.S.R., July 1990. Convened by Academician Anatoly P. Derev'yanko and associates of the Siberian Branch of the U.S.S.R. Academy of Sciences. The 100 participants consisted of Soviet, European, Japanese, Chinese, American, and Canadian archeologists. Nevertheless, the symposium papers are very important to dental anthropologists and physical anthropologists interested in the latest findings on Paleolithic human occupation of Siberia and human dispersal into the Americas. Turner presented the results of his study of a small sample of 35,000 year old teeth from Mousterian culture levels in two caves located in the Central Siberian Altai Mountains, which he and his wife Jacqueline, visited and studied in 1987. The large teeth most closely resembled those of European Neandertals, and exhibit no identifiable morphological similarities to East Asian fossil hominids or Asian-American Sinodonts.

Christy G. Turner II
BOOK REVIEW


Alexander Zubov and Nataliya Khaldeyeva, in their second major book-length collaborative work, have produced a much needed synthetic opus on current work on human dental anthropology in the world today. The book has been divided into four chapters.

The first chapter, "Odontology as a Division of Anthropology", reviews a broad spectrum of theoretical and practical issues. Herein the authors describe studies of tooth crown traits, suites of diagnostic traits, methodologies of major workers, and dental metrics. Additional sections deal with an examination of studies of sexual dimorphism of dental traits, fluctuating asymmetry, inheritance, dental morphological traits as genetic markers, dental features in fossil hominids, dental reduction, age estimation from teeth, and the lack of measurable interobserver error among major dental anthropologists engaged in morphological studies. In fact, one of the examples mentioned by the authors (Zubov and Khaldeyeva, 1989:53) dates to 1972 when one of us (AAD) received a telephone call from Bjorn Hedegard. The message was, "Zubov is here; can you come?" The result was a session at the Dental School at the University of Gothenburg where Zubov, Anders Lundstrom, a genetist in the Department of Orthodontics in the University of Stockholm, Pentti Kirveskari of the Institute of Dentistry at the University of Turku, and myself (AAD) examined morphological dental traits in the same collection and found the results to be comparable.

The second chapter, "General Questions of Human Dental Morphology in the Light of Anthropology", contains detailed descriptions and well-captioned sketches of basic dental crown structures, Zubov's odontoglyphic features, and variations of premolar and molar cusp surfaces.

The third chapter, "Ethnic Odontology", deals with worldwide dental morphological variation. Even a non-Russian reader can appreciate the authors' grasp of worldwide variation by an examination of table 1, which contains mean, maximum, minimum, and sample number for two metric, ten ranked, and two odontoglyphic features for 79 major world groups. The table is well-reverenced for those interested in more detailed information. The text also contains many of the conclusions about dental variation among Soviet peoples published in the authors' 1979 (Zubov and Khaldeyeva, 1979) edited volume and in subsequent publications. A separate section deals with dental variation among peoples living outside of the Soviet Union. The authors and other Soviet anthropologists were responsible for nearly all of the studies cited here.

The third chapter also contains graphic comparisons among world peoples for separate features and two maps showing distributions of four cusped lower first molars and reflecting wrinkle superimposed on a map of the Soviet Union west of the Ural (the regions occupied by peoples with Zubov's northern gracile, central European, northern European relict, and southern gracile dental types). The first dendogram, and therefore the first quantitative comparison that I have seen in any of Zubov's publications, illustrates a clear distinction between European Russians, east and west Finns, Indians and Asiatic Russians, Lapps, and northern Finns.

The fourth chapter focuses on evolution of the dentition. The chapter begins with a discussion of the evolution of the molar tooth crown, and moves on to a review of major issues in dental aspects of hominid evolution, a comparative discussion of Neanderthal dental morphology, hominid tooth size, and ends with a flow chart showing how evolutionary and selective forces act on human dental reduction and the acquisition of new traits. The final page contains a summarizing statement concerning the importance of considering the role that environmental mechanisms play on the continuing evolution of dental size and morphology.

This book is the second collaboration between Zubov and Khaldeyeva, the first having been their 1979 work on dental variation in Soviet Union peoples. The work represents a much needed synthesis of worldwide human dental anthropological studies in
BOOK REVIEW (continued)

addition, this is Zubov's fourth major book-length contribution to dental anthropology. 
Zubov's first (1968) work is the major dental anthropology textbook in the Soviet Union. 
Zubov's second (1973) volume presented the first book-length overview of worldwide dental 
variation. Were it not for their Cyrillic script, both would also be standard texts worldwide. 

Unfortunately, our previous access to Zubov's and other Russians' work has been 
through books sent by the authors to their American colleagues or through long waits for 
inter-library loan to locate one of the few copies in American libraries. Recently, one east 
coast bookstore (Victor Kamkin) has listed several books on Soviet anthropology in each 
catalogue. Hopefully, while the aura of glasnost continues, we can work out a method for 
broader and more efficient access to such key works as Zubov and Khaldeyeva's new book.

References Cited
Zubov AA and Khaldeyeva (1979) Etnicheskaya Odontologiya SSSR [Ethnic 
Odontology of the USSR]. Moscow: Nauka.

A.M. Haeussler and A.A. Dahlberg

SOVIET DENTAL ANTHROPOLOGIST

A Soviet dental anthropologist has recently written to Christy Turner asking for help 
in emigrating. She is seeking a position anywhere in the U.S. Her background: In 1968 she 
finished special English schooling, and the same year entered Moscow State University in the 
Department of Anthropology, Faculty of Biology. Her diploma was awarded in 1974 on the 
basis of her studies, which included an analysis of premolar occlusal surface variation. Her 
post-graduate work, from 1974 under the supervision of Alexander A. Zubov, dealt with the 
dental anthropology of Russians in the European part of the U.S.S.R.

Since 1979 she has lived and worked in Tbilisi, Soviet Georgia, where she has 
gathered an immense amount of data on every national and subethnic group in the Caucasus 
(87 groups involving more than 12,000 individuals). These data include living and 
archeological series dating back to the Bronze Age. She has also studied dental variation in 
the Nivkh, Nasaian, and Taso populations of the Soviet Far East. Her articles have 
appeared in Russian and Georgian publications.

Anyone with suggestions or any possible employment opportunity can call (602-965- 
6213) or write Christy G. Turner II (Department of Anthropology, Arizona State University, 
Tempe, AZ 85287-2402) for additional information.

Christy G. Turner II

FOREIGN MEMBERSHIP

Since one of the primary objectives of the DAA is the exchange of educational, 
scientific and scholarly knowledge in the field of dental anthropology, an increase in foreign 
membership is always welcome. Currently, we have 42 members who reside in countries 
other than the United States. If you know of someone outside the U.S. who would be 
interested in applying for membership in the DAA, please send names and addresses to the 
Secretary-Treasurer.

As in the past, the DAA has continued to sponsor a limited number of foreign 
members. Please contact the Secretary-Treasurer if you would like to sponsor a specific 
individual, or if you wish to contribute to the general fund for foreign sponsorship. 
Contributions in any amount are always appreciated.

Correspondence should be sent to the following address:

Diane E. Hawkey, Secretary-Treasurer 
Dental Anthropology Association 
Arizona State University 
Tempe, AZ 85287-2402 
U.S.A.
MINUTES OF THE MEETING OF THE DENTAL ANTHROPOLOGY ASSOCIATION
Held April 6, 1990 in Miami Florida
C. Loring Brace presiding

I. Report of the Secretary-Treasurer:
   A. Last year's minutes:
      Last year's meeting was discussed in the following newsletter
   B. Status of the Treasury:
      The Association's net assets are $2,688.20 as of this meeting. Last year the Secretary-
      Treasurer applied for a tax identification number for the Association so it may have a
      savings account; the Association earned $86.60 in interest from this account in 1989. DAA
      currently has 196 members from 18 foreign countries and 34 of the United States. By
      country, members come from Belgium, Canada, Chile, Czechoslovakia, Denmark, Egypt,
      France, Hungary, Italy, Japan, New Zealand, Nigeria, Norway, Spain, Sweden, Turkey, the
      United Kingdom (England, Ireland, and Scotland), and the USA. ... 
      The Association has not yet taken the step of billing members, leaving it to members to
      send in dues voluntarily. This does result in some confusion for members and probably in
      underpayment of dues. A move to one annual billing and account statement is something the
      Association might wish to adopt in its next stage of development.
      (The following paragraph was added after the meeting: Seven DAA members contributed
      a total of $75.00 towards support for foreign members in 1989. This greatly improved our
      ability to answer requests for sponsorships. In 1989 these contributors supported the
      subscriptions of nine foreign members from three continents. The secretary-Treasurer thanks
      the members who contributed. Contributions for 1990 will be accepted gratefully.)

   B. Holly Smith

II. Dental Anthropology Newsletter Editor's Report:
   The editor combined two issues because of her additional duties on the local
   arrangements for the 1990 AAPA meeting. This was the last newsletter by this Editor. The
   Editor learned a great deal in her experience with DAA; she suggests as Editorial Board
   would be most helpful for the next editor; it would consist of individuals who take
   responsibility for sending in a certain amount of information for each newsletter.

   Susan Loth

III. Selection of a New Editor for the DAA Newsletter:
   Sue Haeussler of Arizona State University has agreed to be the next newsletter editor.
   There, in the provenance of Christy Turner, she will have help of a group of dental
   anthropology students (including Joel Irish, Diane Hawkey, Steven Street, and Edwin Crespo)
   who will manage the newsletter jointly.

   C. Loring Brace

IV. Nominations Committee Report:
   Chris Nichol was unable to be present this year.
   The executive Committee prepared a slate in his absence:
   For President: Daris Swindler (University of Washington)
   For Secretary: Diane Hawkey (Arizona State University)
   For Board Member: Charles Hildebolt (Washington University)
   There were no further nominations from the floor and the candidates were elected
   unanimously.
   Yasar Iscan made a motion that the Secretary-Treasurer and President should be elected
   in alternate years to provide continuity. Loring Brace noted that would require a change in
   the by-laws; this must be accomplished by putting a notice in the newsletter and voting on it
   at next year's annual meeting. Lucille St. Hoyne commented that the easiest way to bring
   this about would be to ask the present Secretary to serve one extra year, then to return to a
   two year term.
V. Old Business

Name change: The change of name decided on last year (from the Dental Anthropological Association to the Dental Anthropology Association) becomes official this year with approval. The motion to make the change was made, seconded, and adopted.

VI. New Business:

Newsletter: Susan Loth noted that Alan Goodman has sent in many items for the newsletter this year and would serve as a board member. E.E. Hunt also volunteered to serve. In this discussion it was decided to let a board remain informal this year while the new editorial group develops at ASU. It was pointed out by Sue Haussler that the Association may eventually need such a board for peer review of submitted articles as the newsletter grows.

Susan Loth suggested that a special section be established: 'Correspondence from Abroad', and that foreign members, particularly those with sponsored memberships, be especially encouraged to contribute items.

Leon Pappanostos suggested publishing the member's address list again this year.

Other: Yasar Iscan noted that we should have a session or symposium under the auspices of the Association every year.

The retiring Newsletter Editor (Susan Loth), the retiring President (C. Loring Brace), and the retiring Secretary-Treasurer (B. Holly Smith) were thanked by the membership for their service. The meeting was adjourned.

Minutes prepared by B. Holly Smith

1991 ANNUAL MEETING

AMERICAN ASSOCIATION OF PHYSICAL ANTHROPOLOGISTS

The call for papers for the Annual Meeting of the American Association of Physical Anthropologists was sent out to all members in mid June. The meeting will be held April 3-6 at the Pfister Hotel, Milwaukee, Wisconsin. The deadline for symposium proposals was August 5, 1990, and for abstracts of posters and papers read from the podium, September 19, 1990. Manuscripts for student prizes are due on January 14, 1990.

As the result of a discussion at last year's business meeting, state-of-the-art sessions featuring in depth presentations will be planned for the 1991 meeting. Therefore, the meeting packet contains an extra form, requesting suggestions of the membership for topics and speakers. Here, dental anthropologists have an excellent opportunity for input into a "cutting edge" type of presentation concerning some phase of the subdiscipline.

The program chair for the meeting is:

Dr. Lorna G. Moore
University of Colorado at Denver
Department of Anthropology Campus Box 105
Denver, Colorado 80217-3363

RECENT DENTAL ANTHROPOLOGY THESSES AND DISSERTATIONS


SOME RECENT PUBLICATIONS


1990 DENTAL ANTHROPOLOGY ASSOCIATION MEMBERSHIP LIST

Abera, Dennis, 6436 N. 76th Milwaukee, Wisconsin 53223.
Abou El-Fetoh, Mona M., 9 Mamalek Street Apt. 1, Roda, Cairo, Egypt.
Adegboye, Ajabola, c/o Mrs. A. Adegboyes, Serafin Section, Hezekiah Oluwasanmi Library, Obafemi Awolowo University, Ile-Ife, Nigeria.
Ajai, Victor, Dental Centre, Specialist Hospital, Yola, Gondola State, Nigeria. (Dental surgery).
Ajike, Sunday Olusegun, Maxillofacial Unit, Ahmadu Bello Univ. Teaching Hospital, Kaduna, Nigeria. (Oral surgery).
Alexandersen, Verner, Department of Anthropology, Blegdamsvej 3, Panum Institute, Copenhagen N., DK-2200, Denmark.
Alpagut, Berna, Department of Anthropology, A.U. Dil ve Tarh Cografya Fakultesi, Ankara, Turkey.
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Arnold, Mary H., 11 South Main, New Milford, Connecticut 06776, Tel: (203)355-0624. (General dentistry).
Atkins, George, 237 Highland Avenue, Needham, Massachusetts 02194, Tel: (617)449-0477. (Craniofacial pain).
Bang, Gisle, Department of Oral Pathology, School of Dentistry, Haukeland Hospital, Bergen, N-5021, Norway.
Bear, Sanford A., 4005 Deer Trail Way, Sacramento, California 95823-6014, Tel: (916)428-3179. (Forensic odontology).
Beck, Rosemary, 2148 S. Xenophon Street, Lakewood, Colorado 80228, Tel: (303)989-1675. (Pathology).
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Benov, Alan S., 5151 N. Palm Suite 70, Fresno, California 93704
Beynon, A. David, Department of Oral Biology, Dental School, University of Newcastle-Upon-Tyne, Newcastle-Upon-Tyne, NE2 4BW, England. (Histology).
Brace, C. Loring, Museum of Anthropology, University of Michigan, Ann Arbor, Michigan 48109.
Brandi, Fernande Antonio, Department of Genetics and Anthropology, University Autonoma de Madrid, Cantoblanco Madrid 28049, Spain.
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Burns, Karen R., 105 Tamarack Drive, Athens, Georgia 30605-4514, Tel: (404)543-5465. (Forensic anthropology).
Caldwell, Margaret C., Department of Anthropology, Douglass Campus, Rutgers - The State University, New Brunswick, New Jersey 08903, Tel: (201)932-9886. (Oral anthropology).
Baron, Gerard A., PSC Box 73, APO, New York 09179-5360, Tel: England Newmarket 532717. (General dentistry).
Comuzie, Anthony G., Department of Anthropology, University of Kansas, Lawrence, Kansas 66045, Tel: (913)864-4172. BITNET: COMUZZIE@UKANVAX. (Population genetics, skeletal biology).
Cook, Della Collins, Department of Anthropology, Indiana University, Bloomington, Indiana 47405.
Cordell, Nancy Neville, Department of Anthropology, DH-5, University of Washington, Seattle, Washington 98195, Tel: (206)735-1715. BITNET: CORDELL@UWAVAX1 ACS.Washington.edu. (Primates, odontometrics, paleoanthropology).
Corruccini, Robert S., Department of Anthropology, Southern Illinois University, Carbondale, Illinois 62901.
Cossman, Marshall H., 2350 Stone Bridge Drive, Flint, Michigan 48532, Tel: (313)230-9091. (General dentistry).


Crespo, Edwin, Department of Anthropology, Arizona State University, Tempe, Arizona 85287, BITNET: AGAMH@ASUACAD. (Dental anthropology of Mexico and the Caribbean).

Curtin A. Joanne, 37 W. Tomkins Street, Apt. B, Columbus, Ohio 43202.

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Danforth, Marie Elaine, Department of Sociology & Anthropology, University of Southern Mississippi, Hattiesburg, Mississippi 39406-5074, Tel: (601)266-5629. (Enamel microdefects).

Dean, M. Christopher, Department of Anatomy & Devel. Biology, Gower Street, University College London, London WC1E 6BT, England. (Dental development, histology).

Dobney, Keith, Department of Archaeological Sciences, Calvin Wells Laboratory, University of Bradford, Bradford, BD7 IDP, England.

Dokladal, Milan, Department of Anatomy, Section of Medical Anthropology, Medical Faculty, Komenskeho nam2, Brno, 66243 Czechoslovakia.

Dreier, Frederick G., 23393 Adobe Road, Red Bluff, California. 96080, Tel: (916)527-7400. (Paleoanthropology, forensic anthropology).

During, Ebba, Osteological Research Laboratory, Royal Castle, Uriksdal, University of Stockholm, Solna, S-17171, Sweden. Tel: 468857311. (Human and animal osteology).


El-Nowfly, Aly, National Research Center, Dokki, Cairo, Egypt.

Entin, Barry M., 780 Elder Court, Glencoe, Illinois 60022.

Fink, T. Michael, c/o Soil Systems, Inc., 1029 N. First Street, Phoenix, Arizona 85004. (Osteology, paleopathology).

Fisher, Marc R., 16005 Orchard Grove Road, Gaithersburg, Maryland 20906. (Periodontics, general dentistry).

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Gingerich, Philip D., Museum of Paleontology, University of Michigan, Ann Arbor, Michigan 48109, Tel: (313)764-0490. (Evolution).

Goaz, Paul W., College of Dentistry, 3302 Gaston Avenue, Baylor University, Dallas, Texas 75246, Tel: (214)828-8390. (Oral radiology).

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Hunter, Lisa, 606 Denbigh Boulevard, Suite 303, Newport News, Virginia 23602, Tel: (804)874-7997. (General dentistry).

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Library of Medicine, National, TSD-Serials, 8600 Rockville Park, Bethesda, Maryland 20894.

Licht, Mary, 11924 W. Forest Hill Boulevard, Wellington, Florida 33414.
Liversidge, Helen, Hard Tissue Unit, Department of Anatomy and Embryology, Gower Street, University College London, London WC1E 6BT, United Kingdom. (Dental development).
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Lukacs, John R., Department of Anthropology, University of Oregon, Eugene, Oregon 97403, Tel: (503)686-5102, (503)686-5112. (Odontometrics, paleopathology, morphology, Asia).
Lundeen, R. Curtis, School of Dentistry, 611 S.W. Campus Drive, Oregon Health Sciences University, Portland, Oregon 97201, Tel: (503)494-8931. (Radiology, oral medicine, forensic odontology).
Lunt, Dorothy A., Department of Oral Biology, 378 Sauchiehall Street, University of Glasgow Dental School, Glasgow G2 3JZ, Scotland.
Macchiarelli, Roberto, Anthropology Section, V. le Lincoln, 1, Museo Naz. e Preisl.-Etno. 'L.Pigorini', Rome 00144, Italy. Tel: 01139-6-5910702. (Skeletal biology).
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