



Dental Anthropology Newsletter

Laboratory of Dental Anthropology
Department of Anthropology
Arizona State University
Tempe, AZ 85287-2402

Volume 5, Number 1 September 1, 1990

A PUBLICATION OF THE DENTAL ANTHROPOLOGICAL ASSOCIATION

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 is 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. Derevyanko 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

A.A. Zubov and N.I. Khaldeyeva (1989) *Odontologiya v Sovremennom Antropologii* [Odontology in Contemporary Anthropology]. Moscow: Nauka. 231 pages, 5 tables, 44 figures.

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, minimum, maximum, 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 deflecting wrinkle superimposed on a map of the Soviet Union west of the Urals (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 (1968) *Odontologiya* [Odontology]. Moscow: Nauka.

Zubov AA (1973) *Etnicheskaya Odontologiya* [Ethnic Odontology]. Moscow: Nauka.

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, Nanajan, and Tasié 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. Hoyme 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.

ANNUAL (1990) MEETING (continued)

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 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 Haeussler 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 chairman 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 THESES AND DISSERTATIONS

Edwin F. Crespo Torres (1989) *Distribucion y Frecuencia de Algunas Patologias Bucales y Degaste Dentario en Tres Colecciones Oseas del Mexico Prehispanico* [Distribution and Frequency of Some Oral Pathologies and Dental Wear in Three Skeletal Collections from Prehispanic Mexico]. Licenciatura thesis, Escuela Nacional de Antropologia e Historia, Mexico City. Teresa Jaen Esquivel, thesis chairman.

Linda Emil (1990) *Comparative Study of Palatal Shape in Leaf-eating and Some Non-leaf-eating Monkeys*. University of Washington. Daris Swindler, dissertation committee chairman.

Christian R. Nichol (1990) *Dental Genetics and Biological Relationships of the Pima Indians of Arizona*. Arizona State University. Christy G. Turner, dissertation committee chairman.

SOME RECENT PUBLICATIONS

- Bimstein E, Ranly DM, and Skjonsby S (1990) Root exposure in the primary dentition studied in human skulls. *J. Clin. Periodontol.* 17:317-320.
- Brace CL and Hunt KD (1990) A nonracial craniofacial perspective on human variation A(ustralian) to Z(uni). *Am. J. Phys. Anthropol.* 82:341-369.
- Brown T and Molnar S (1990) Interproximal grooving and task activity in Australia. *Am. J. Phys. Anthropol.* 81:545-553.
- Brown T, Townsend GC, Richards LC, and Burgess VB (1990) Concepts of occlusion: Australian evidence. *Am. J. Phys. Anthropol.* 82:247-256.
- Clarke NG (1990) Periodontal defects of pulpal origin: evidence in early man. *Am. J. Phys. Anthropol.* 82:371-376.
- Corruccini, Townsend G, and Brown T (1990) Occlusal variation in Australian Aborigines. *Am. J. Phys. Anthropol.* 82:257-265.
- Dahlberg AA (1990) The face and dentition of Australasian population: preface and overview. *Am. J. Phys. Anthropol.* 82:245-246.
- Duray SM (1990) Deciduous enamel defects and caries susceptibility in a prehistoric Ohio population. *Am. J. Phys. Anthropol.* 83:27-34.
- Gingerich PD (1990) Primate evolution: African dawn for primates. *Nature.* 346:411.
- Greenfield LO (1990) Canine "honing" in *Australopithecus afarensis*. *Am. J. Phys. Anthropol.* 82:135-143.
- Grine FE, Gwinnett AJ, and Oaks JH (1990) Early hominid dental pathology - interproximal caries in 1.5 million-year-old *Parantropus robustus* from Swartkrans. *Arch. Oral. Biol.* 35:381-386.
- Hanihara T (1990) Affinities of the Philippine Negritos with Japanese and the Pacific populations based on dental measurements: the basic populations in East Asia, I. *J. Anthropol. Soc. Nippon* 98:13-28.
- Kean MR and Houghton P. (1990) Polynesian face and dentition: functional perspective. *Am. J. Phys. Anthropol.* 82:361-370.
- Konaka K, Ichiki A, Miura T (1980) Changes in the eruption order of the first permanent tooth and their relation to the order of birth. *Am. J. Phys. Anthropol.* 82:191-198.
- Lovell NC (1990) Skeletal pathology of free-ranging mountain gorillas. *Am. J. Phys. Anthropol.* 82:399-412.
- Mahaney MC, Fujiwara TM, and Morgan K (1990) Dental agenesis in the Dariusleut Hutterite Brethern: comparisons to selected caucasoid population surveys. *Am. J. Phys. Anthropol.* 82:165-177.
- Molnar S and Molnar IM (1990) Dental arch shape and tooth wear variability. *Am. J. Phys. Anthropol.* 82:385-395.
- Neiburger EK (1990) Dental hypoplasias: poor indicators of dietary stress. *Am. J. Phys. Anthropol.* 82:231-233.
- Nonaka K, Ichiki Am and Miura T (1990) changes in the eruption order of first permanent tooth and their relation to season of birth in Japan. *Am. J. Phys. Anthropol.* 82:191-198.
- Richards L (1990) Tooth wear and temporomandibular change in Australian Aborigines. *Am. J. Phys. Anthropol.* 82:377-384.
- Rothhammer F and Rosales P (1990) Microevolution of the maxillo-dental system in Pre Columbian populations in northern Chile. *Homo* 39:148-153.
- Sciulli PW (1990) Deciduous dentition of a Late Archaic population of Ohio. *Human Biology* 62:221-246.
- Sekikawa M, Kanizawa E, Ozaki T, and Richards LC (1990) Cuspal ridges of deciduous upper and second molars in Japanese subjects. *J. Anthropol. Soc. Nippon* 98:39-48.
- Simons EL (1990) Discovery of the oldest known anthropoid skull from the Paleogene of Egypt. *Science* 247:1567-1569.
- Townsend G, Yamada H, and Smith P (1990) Expression of the entoconulid (sixth cusp) on the mandibular molar teeth of an Australian Aboriginal population. *Am. J. Phys. Anthropol.* 82:267-274.
- Turner CG II (1990) Major features of Sundadonty and Sinodonty, including suggestions about East Asian microevolution, population history, and late Pleistocene relationships with Australian Aborigines. *Am. J. Phys. Anthropol.* 82:295-317.

1990 DENTAL ANTHROPOLOGY ASSOCIATION MEMBERSHIP LIST

- Abere, Dennis, 6436 N. 76th Milwaukee, Wisconsin 53223.
- Abou El-Fetoh, Mona M., 9 Mamalek Street Apt. 1, Roda, Cairo, Egypt.
- Adegboye, Ajibola, c/o Mrs. A. Adegboye, Serials Section, Hezekiah Oluwasanmi Library, Obafemi Awolowo University, Ile-Ife, Nigeria.
- Ajayi, 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 Tarih Coğrafya Fakultesi, Ankara, Turkey.
- Aoba, T. J., 1875 Elizabeth Court, Deerfield, Illinois 60015.
- Arneson, James, 8100 Resurrection Drive, Anchorage, Alaska 99504, Tel: (907)279-6661. (General dentistry, public health).
- 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).
- Benneke, Pia L., Institute of Anatomy B, Blegdamsvej 3, University of Copenhagen, Copenhagen N., DK-2200, Denmark.
- 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, Fernando Antonio, Department of Genetics and Anthropology, University Autonoma de Madrid, Cantoblanco Madrid 28049, Spain.
- Brenyo, Michael R., 304 W. Willowood Lane, Jacksonville, North Carolina 28540, Tel: (919)353-7226. (General dentistry).
- Burns, Karen R., 105 Tamarack Drive, Athens, Georgia 30605-4514, Tel: (404)543-5466. (Forensic anthropology).
- Caldwell, Margaret C., Department of Anthropology, Douglass Campus, Rutgers - The State University, New Brunswick, New Jersey 08903, Tel: (201)932-9886. (Forensic anthropology).
- Caron, Gerard A., PSC Box 73, APO, New York 09179-5360, Tel: England Newmarket 532717. (General dentistry).
- Comuzzie, 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, paleontology).
- Corruccini, Robert S., Department of Anthropology, Southern Illinois University, Carbondale, Illinois 62901.

Cossmann, Marshall H., 2350 Stone Bridge Drive, Flint, Michigan 48532, Tel: (313)230-9091.
(General dentistry).

Costa, Raymond L., Cambridge Human Resource Group Inc., Two N Riverside Plaza Suite 2200, Chicago, Illinois 60606.

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

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

Dahlberg, Albert A., 885 W. Stone Barn Road, Franklin Grove, Illinois 61031.

Dally, Jon Curtis, 3416-A Kanell Loop, Wahiawa, Hawaii 96780.

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 1DP, England.

Dokladal, Milan, Department of Anatomy, Section of Medical Anthropology, Medical
Faculty, Komenského nám2, Brno, 66243 Czechoslovakia.

Dreier, Frederick G., 22393 Adobe Road, Red Bluff, California. 96080, Tel: (916)527-7400.
(Paleoanthropology, forensic anthropology).

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

Edynak, Gloria Y., 627 Underwood Street N.W., Washington, D.C. 20012.

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

Entin, Barry M., 760 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).

Fishman, Leonard, 550 E. Genesee Street, Syracuse, New York 12302.

Furue, Tadao, U.S. Army Central Identification Lab, Ft. Shafter, Hawaii 96858-5480.

Gaines, John, 3001 High Street, Suite A, Oakland, California 94619, Tel: (415)436-4715.
(General dentistry).

García-Godoy, Franklin, Department of Pediatric Dentistry, 7703 Floyd Curl Drive,
University of Texas Health Sci. Center, San Antonio, Texas 78284, Tel:
(512)567-3533. (Pediatric dentistry).

Gartrell, James R., 4466 Ferncroft Road, Mercer Island, Washington 98040.

Giesen, Myra Jayne, Department of Anthropology, 208A Lord Hall, 124 W. 17th Avenue,
Ohio State University, Columbus, Ohio 43210-1364, Tel:(614)292-7206. (Attrition,
nutrition).

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).

Goodman, Alan, Natural Sciences, Hampshire College, Amherst, Massachusetts 01002.

Gottlieb, Seymour, 9701 N. Kenton, Skokie, Illinois 60076.

Grecco, Mark, 888 Waller #4, San Francisco, California 94117.

Gurian, Bernard, 13 Oak Brook Lane, Merrick, New York 11566.

Haeussler, A.M., Department of Anthropology, Arizona State University, Tempe, AZ 85287.
Tel: (602)965-6213. BITNET AGAMH@ASUACAD. (Morphometrics, Soviet Union,
Paleo-Indians, peopling of the New World).

Haglund, William, 24104 43rd West, Mountlake Terrace, Washington 98043, Tel:
(206)771-9408. (Forensic anthropology).

Hall, Roberta, Department of Anthropology, Oregon State University, Corvallis, Oregon
97331.

Hawkey, Diane, Department of Anthropology, Arizona State University, Tempe, Arizona 85287, Tel: (602)965-6213. BITNET:AGAMH@ASUACAD. (Dental affinity, morphology, peopling of South Asia).

Hershey, Stephen E., 390 Park - Suite 211, Birmingham, Michigan 48009, Tel: (313)642-9220. (Orthodontics).

Hildebolt, Charles F., Mallinckrodt Institute of Radiology, 510 South Kingshighway, Washington University Medical Center, St. Louis, Missouri 63110, Tel: (314)362-8467. BITNET:C41847CH@WUVMO. (Dental radiology).

Hillson, Simon W., Institute of Archaeology, 31-34 Gordon Square, University College London, London WC1H 0PY, England.

Hodges, Denise C., Anthropology Program, 319 Curtiss Hall, Iowa State University, Ames, Iowa 50011, (Temporomandibular joint disease).

Hunt, Edward E., 77 Magnolia Avenue, Magnolia, Massachusetts 01930.

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

Iagolnitzer, Edmund, Institut of Anthropometry and Genetics, 19 Butte Aux Cailles, Paris F-7503, France.

Irish, Joel D., Department of Anthropology, Arizona State University, Tempe, Arizona 85287, Tel: (602)965-6213. BITNET: AGAMH@ASUACAD. (Dental anthropology of Africa).

Iscan, Mehmet Yasar, Department of Anthropology, Florida Atlantic University, Boca Raton, Florida 33431-0991, (Forensic anthropology).

Isler, Robert, Department of Anthropology, Florida Atlantic University, Boca Raton, Florida 33431-0991.

Jeffries, Donald D., 3807 Union Avenue, Bakersfield, California 93305.

Johnson, Bradford R., 917 Madison, Wauconda, Illinois 60084, Tel: (312)993-0430. (General dentistry).

Kanazawa, Eisaku, Dept. of Anatomy, School of Dentistry, 2-870-1 Mishi Sakaecho Matsudo, Nihon University, Chiba 271, Japan.

Kelley, Marc, Department of Sociology and Anthropology, University of Rhode Island, Kingston, Rhode Island 02881.

Keso, Larson R., 3501 Northwest 50th Street, Oklahoma City, Oklahoma 73112, Tel: (405)943-8333. (Orthodontics).

Kessel, Morton, 1522 The 12th Fairway, Wellington, Florida 33414

Kocsis, Gabor, Department of Dentistry & Oral Surgery, 6720 Lenin Krt. 64, University Medical School, Szeged, Hungary.

Koritzer, Richard T., 7367 Furnace Branch Road, Glen Burnie, Maryland 21061, Tel: (301)768-2131. (Head and neck anatomy).

Kowitz, Aletha, Director, Bureau of Library Services, 211 East Chicago Avenue, American Dental Association, Chicago, Illinois 60611. Tel: (312)440-2642. (Dental history and bibliography).

Kronley, Samuel, 14758 Wildflower Lane, Delray Beach, Florida 33446.

Kuroki, Takehiro, 1st Department of Orthodontics, 1-5-45 Yushima, Bunkyo-ku, Tokyo Medical and Dental University, Tokyo 113, Japan. Tel: 03-813-6111 ext. 5275. (Orthodontics).

Kussick, Leon, 349 E. Northfield Road, Livingston, New Jersey 07039, Tel: (201)994-0830. (Orthodontics).

Langsjoen, Odin M., 301 Morley Parkway, Duluth, Minnesota 55803, Tel: (218)724-4260 (office). (Anatomy, occlusion, education).

Levesque, Dianne, Department of Anthropology, University of Tennessee, Knoxville, Tennessee 37996-0720, Tel: (615)637-3025.

Levin, Harold A., 647 Main Street, S. Farmingdale, New York 11737.

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).

Lombardi, A. Vincent, 2602 Wilmington Road, New Castle, Pennsylvania 16105-1595, Tel: (412)658-1324. (Orthodontics).

Loth, Susan R., Department of Anthropology, Florida Atlantic University, Boca Raton, Florida 33431-0991, (Forensic anthropology).

Loudon, Bente T., 25 Bracey Street, London N4 3BJ, England. Tel: 071-272-1952.

Lovell, Nancy C., Department of Anthropology, 13-15 Tory Building, University of Alberta, Edmonton, Alberta T6G 244, Canada. Tel: (403)432-3879.

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 Preist.-Ethno. 'L. Pigorini', Rome 00144, Italy. Tel: 01139-6-5910702. (Skeletal biology).

Mahoney, Marla, U.S. Army Central Identification Lab, Ft. Shafter, Hawaii 96858-5480.

Malone, Dennie L., 1 Old Park Lane, Suite 1, New Milford, Connecticut 06776.

Mandell, Charles S., 3220 Stirling Road, Hollywood, Florida 33021, Tel: (305)966-0404. (General dentistry).

Marcsik, Antonio, Department of Anthropology, Egyetem u 2., P.O.B. 660, Attila Jozsef University, Szeged H-6701, Hungary.

Marshall, Thomas D., Department of Restorative Dentistry, 7703 Floyd Curl Drive, University of Texas Health Sciences Ctr., San Antonio, Texas 78284.

Martin, Cesar Gil, Dept. Genetics and Anthropology, University Autonoma de Madrid, Cantoblanco Madrid, Spain.

Massey, Virginia K., Department of Anthropology, Texas A&M University, College Station, Texas 77840, Tel: (409)845-9884.

Mayes, John O., 1201 W. Governor Road, P.O. Box 25, Hershey, Pennsylvania 17033, Tel: (717)533-6200. (General dentistry).

McCabe, Barbara Q., P.O. Box 356, 407 Walnut Street, Green Cove Springs, Florida 32043, Tel: (904)284-0774.

McCabe, John B., P.O. Box 356, 407 Walnut Street, Green Cove Springs, Florida 32043, Tel: (904)284-0773. (General dentistry).

McKinstry, Robert E. 5547 Beverly Place, Pittsburgh, Pennsylvania 15206, Tel: (412)661-2963. (Maxillofacial prosthodontics).

McMannon, George, 389 Upper Holland Road, Richboro, Pennsylvania 18954, Tel: (215)322-4888. (General dentistry).

Miller, Elizabeth, Department of Anthropology, Arizona State University, Tempe, Arizona 85287.

Miller-Shalvitz, Patricia, Department of Anthropology, University of South Florida, Tampa, Florida 33620.

Miura, Fujio, 1st Department of Orthodontics, 1-5-45 Yushima, Bunkyo-ku, Tokyo Medical and Dental University, Tokyo, 113 Japan. Tel: 03-813-6111 ext. 5250. (Orthodontics).

Molinari, Ron, P.O. Box 735, Tavernier, Florida 33070.

Molnar, Stephen, Department of Anthropology, Campus Box 114, One Brookings Drive, Washington University, St. Louis, Missouri 63130, Tel:(314)889-5252.

Moreschi, Anthony, 491 Allendale Road, King of Prussia, Pennsylvania 19406.

Moss, Melvin L., Department of Anatomy & Cell Biology, 630 West 168th Street, Columbia University, New York, New York 10032.

Moss-Salenti, Letty, Department of Anatomy & Cell Biology, 630 West 168th Street, Columbia University, New York, New York 10032, Tel: (212)305-5647. (Dental histology, embryology).

Mueller, William A., The Childrens Hospital, 1056 E. 19th Avenue, Denver, Colorado 80218, Tel: (303)861-6788. (Pediatric dentistry).

Museum of Mankind RAL, Library, 6 Burlington Gardens, London W1X 2EX, England.

Narasaki, Shuichiro, Department of Biological Anthropology, 58 Danbury Road, University of Oxford, Oxford OX2 6QS, England.

Neiburger, Ellis J., 1000 North Avenue, Waukegan, Illinois 60085, Tel: (708)244-0292. (General dentistry).

Nichol, Christian R., 66 Grandview Drive - Left side, Amherst, New York 14228, Tel: (716)691-4549. (Morphology, genetics, biological distance).

O'Shaughnessy, Phillip E., 450 City County Building, Fort Wayne, Indiana 46802.

Oduyelu, Olubukunola, P.O. Box 802, Marina, Lagos, Nigeria.

Ogunbodede, Eytope, Dental School/Hospital, Faculty of Health Sciences, Obafemi Awolowo University, Ile-Ife, Oyo State, Nigeria.

Olive, Ben W., Department of Anthropology, Texas A&M University, College Station, Texas 77843.

Orban, Rosine, Laboratoire Anthropol. et Genet. Humaine, 50, Avenue Roosevelt, Universite Libre de Bruxelles, Bruxelles B-1050, Belgium. Tel: 32(2)767-54-09. (Paleoanthropology).

Panzer, Arthur M., 8 Church Street, Bernardsville, New Jersey 07924.

Pappanastos, Leon E., 15215 National Avenue #202, Los Gatos, California 95030, Tel: (408)356-3151. (Oral surgery).

Peck, Sheldon, 1615 Beacon Street, Newton, Massachusetts 02168, Tel: (617)969-1416. (Orthodontics).

Perzigian, Anthony, Department of Anthropology, University of Cincinnati, Cincinnati, Ohio 45221.

Phillips-Conroy, Jane, Department of Anatomy & Neuro., Box 8108, 660 S. Euclid Avenue, Washington University School of Medicine, St. Louis, Missouri 63110.

Power, Catryn, Department of Archaeology, University College, Cork, Republic of Ireland. Tel: 021-276871 ext. 2445.

Prokepec, Miroslav, Narcisova 2850, 10600, Praha 10, Czechoslovakia.

Puech, Pierre F., 2 Rue Stantoine BP 191, Nimes 30008, France.

Reinhardt, Gregory A., 6438 E. Welham Road, Indianapolis, Indiana 46220.

Roberson, Jr., William V., 6392 W. Spring Mountain Road, Las Vegas, Nevada 89102, Tel: (702)871-0120.

Rose, Jerome C., Department of Anthropology, Hotz Hall 417, University of Arkansas, Fayetteville, Arkansas 72701, Tel: (501)575-5247. BITNET: JR27204@UAFSYSB.Bitnet. (Histology).

Rosenberg, Norman M., 1400 Dale Lane, Delray Beach, Florida 33444.

Rua, Concepcion de la, Department of Biology, Apt. 644, Facultad de Ciencias, University del Pais Vasco, Bilbao, Spain.

Rudy, Robert J., 1051 Beacon Street, Brookline, Massachusetts 02146

Ryan, Alan S., Ross Laboratories, 625 Cleveland Avenue, Columbus, Ohio 43216.

Sackler, Alvin M., 10 Trinity Court, Bergenfield, New Jersey 07621, Tel: (201)384-4044. (Periodontics).

Scandrett, Adrian, 52 Wood Road, Flat 4, Whalley Range, Manchester M16 8BL, England.

Schneider, Kim N., U.S. Army Central Identification Lab, Fort Shafter, Honolulu, Hawaii 96858.

Schultz, Michele A., 114 Hickory Lane, Lincroft, New Jersey 07738, Tel: (201)741-8418. (General dentistry).

Schulz, Peter D., P.O. Box 184, Davis, California, 95617 Tel: (916)756-3010. (Paleopathology).

- Sciulli, Paul W., Department of Anthropology, 124 West 17th Avenue, Ohio State University, Columbus, Ohio 43210-1364, Tel: (614)292-1984. BITNET: T52722@OHSTUMA.IRCC.
- Seldel, John C., 1010 State Street, Alma, Michigan 48801, Tel: (517)463-8464. (Paleopathology).
- Siegal, Robert, 1739 Vineyard Trail, Annapolis, Maryland 21401.
- Sirianni, Joyce E., Department of Anthropology, State University of New York at Buffalo, Buffalo, New York 14261, Tel: (716)636-2414. (Dental development, primates, morphology).
- Skinner, Mark, Department of Archaeology, Simon Fraser University, Burnaby, British Columbia V5A 1S6, Canada. Tel: (604)291-3135. (Enamel hypoplasia).
- Smith, B. Holly, Museum of Anthropology, University of Michigan, Ann Arbor, Michigan 48109, Tel: (313)764-6867. BITNET: USERGCVA@UMICHUM. (Development, evolution, attrition).
- Smith, Maria O., Department of Anthropology, South Stadium Hall, University of Tennessee, Knoxville, Tennessee 37996-0720, Tel: (615)974-4408. (Oral pathology, attrition).
- Soma, Kunimichi, 1st Department of Orthodontics, 1-5-45 Yushima, Bunkyo-Ku, Tokyo Medical and Dental University, Tokyo 113, Japan. Tel: 03-813-6111 ext. 5251. (Orthodontics).
- Sperber, G. H., Faculty of Dentistry, University of Alberta, Edmonton, Alberta T6G 2N8, Canada. Tel: (403)432-5194. FAX: 403-492-1624. (Dental paleoanthropology).
- St. Hoyme, Lucile, Department of Anthropology, Smithsonian Institution, Washington D.C. 20560.
- Storey, Rebecca, Department of Anthropology, University of Houston, Houston, Texas 77004.
- Street, Steven R., Department of Anthropology, Arizona State University, Tempe, Arizona 85287, Tel: (602)921-1415. BITNET: AGAMH@ASUACAD. (Mortuary studies).
- Swindler, Daris R., Department of Anthropology, DH-05, University of Washington, Seattle, Washington 98195, Tel: (206)543-9680. (Primates, dental development, morphology).
- Takei, Toshiya, Second Department of Oral Anatomy, 700 Ta, Sawara-ku, Fukuoka Dental College, Fukuoka 814-01, Japan. (Oral anatomy).
- Taylor, R. M. S., Department of Anatomy, School of Medicine, University of Auckland, Auckland, New Zealand.
- Thompson, Lana, P.O. Box 425, Lake Worth, Florida 33460.
- Trask, Rosario J., 506 Adelaide Drive, Santa Monica, California 90402, (Pediatric dentistry).
- Turner, II, Christy G., Department of Anthropology, Arizona State University, Tempe, Arizona 85287, Tel: (602)965-6452. (Dental affinity, morphology, New World).
- Vandermeersch, Bernard, Laboratoire d'Anthropologie, Avenue des Facultes, Université de Bordeaux I, Talence 33405, France.
- Vega, Loreana, Malpu 273, Arica, Chile.
- Wagner, Stephen, 7810 Menaul N.E., Albuquerque, New Mexico 87110.
- Waldow, Neil H., 1111 Town & Country Road, Suite 46, Orange, California 92668.
- Walker, Phillip L., Department of Anthropology, University of California, Santa Barbara, California 93106, Tel: 805-961-2236 BITNET: AN00WALK@UCSBUXA.
- Werner, Paul, 2200 W. Glades Road, Suite #706, Boca Raton, Florida, 33431 Tel: (407)391-6066. (Pediatric dentistry).
- Winkler, Linda A., P.O. Box 287, University of Pittsburgh, Titusville, Pennsylvania 16354, Tel: (814)827-4415. (Primates, orang-utans, development).
- Wolfe, Stanton H., 33 Meriden Avenue, Southington, Connecticut 06489, Tel: (203)621-3609. (Oral and maxillofacial surgery).
- Young, Diane, Department of Anthropology, Texas A&M University, College Station, Texas 77843-4352.
- Zingeser, Maurice R., 2460 SW Winchester Avenue, Portland, Oregon 97225 Tel:(503)646-1895. (Craniofacial development, functional morphology, primates).

The Dental Anthropology Newsletter

Volume 5, Number 1 September 1, 1990

Publication of the Dental Anthropology Association
Published three times yearly

Laboratory of Dental Anthropology
Department of Anthropology
Arizona State University
Tempe, AZ 85287-2402

A.M. Haessler, Editor

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