Comment on Wilson and Reeder’s (2005)
Invalid Use of Formal Names for Wild Ungulates

Contributed by Juliet Clutton-Brock

For decades throughout the 20th century there has been an international discussion among zoologists and archaeozoologists about what formal nomenclature system should be used for domestic taxa. One aspect of this debate has centred on which species names should be used for the wild progenitors of domesticated animals. Should, for example, the wild horse be named Equus caballus or Equus ferus? In order to establish a single system of nomenclature for these wild progenitors a case was submitted to the International Commission for Zoological Nomenclature (ICZN) where traditionally in the commonly cited literature there had been separate names for a wild species and its domestic derivative (such as Capra aegagrus and Capra hircus). This case argued that the majority usage for the wild species of the first available name based on a wild population should be accepted. This case had the potential to affect species names of 15 wild mammals that had been established by Linnaeus and a few other authors based on domestic animals, with these names being earlier than or contemporary with the next available name as listed and described by Gentry, Clutton-Brock, and Groves (2004).

In 2003, this proposal was approved by the ICZN (Opinion 2027, Case 3010) and 15 names for wild mammal progenitor species were fixed as those based on wild populations. This decision means that the Linnaean names based on domestic forms can now only be used for domesticated animals. Thus Capra aegagrus became the valid species name for wild goat and Capra hircus the Latin name for its domestic descendant.

Despite the approval of the ICZN in 2003, Wilson and Reeder (2005) continue to use the now incorrect names for wild ungulates with domestic derivatives in the latest edition of their influential book, Mammal Species of the World. In the chapters about Perissodactyla and Artiodactyla, compiled by the late Peter Grubb, the now invalid names based on domestic forms continued to be used for wild species. Thus the Linnaean names Equus asinus and Equus caballus, which are based on domestic forms, are used for both the wild and domestic ass and horse, respectively (ibid.:629). Similarly, Bos taurus (Linnaeus, 1758), a name based on domestic cattle, is used for the wild aurochs in preference to the universally used Bos primigenius (Bojanus, 1827) (ibid.:692). The Linnaean names Ovis aries and Capra hircus are still given for the wild progenitors of sheep and goat (ibid.:708-9, 701-2), which Opinion 2027, Case 3031 (ICZN 2003) now decrees should be Ovis orientalis (Gmelin, 1774) and Capra aegagrus (Erxleben, 1777) (see Gentry 2006 for further discussion).

Publication of cases in the Bulletin of Zoological Nomenclature and on the ICZN Website (http://www.iczn.org/) includes an invitation to zoologists and archaeozoologists to comment on or make alternative suggestions about the ICZN’s decisions. A two-thirds majority of those commissioners voting is needed for approval of proposals. Decisions by this commission are thus arrived at democratically and therefore, in the interests of universality, clarity and stability, should be followed.

References Cited


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The next ICAZ International Conference will be held in Paris, France, in mid-to-late August 2010 (exact dates to be determined). The conference is being organised by archaeozoologists at the Muséum National d’Histoire Naturelle (MNHN) and Centre National de la Recherche Scientifique (CNRS). Christine Lefèvre, Marylène Patou-Mathis, and Jean-Denis Vigne will serve as the principal organisers. Conference themes will include the archaeozoology of Central and Eastern Europe as well as Palaeolithic archaeozoology and the history of archaeozoology, but archaeozoological contributions focused on other parts of the world, other time periods, and other subjects are both welcomed and encouraged.

The organisers are making plans to accommodate 500-700 participants. They are currently engaged in identifying the most convenient location to hold the conference within the centre of the city. The conference will last five days, with the third day devoted to excursions in and around Paris. In addition, several French archaeozoology laboratories located outside of the city will organise two or three day excursions before and/or after the conference.

For more details, contact Jean-Denis Vigne at vigne@mnhn.fr (Please use “ICAZ 2010” for the subject heading of your e-mail). Additional information about the MNHN and French archaeozoologists can be found online at http://www.mnhn.fr and http://www.archeozoo.org/en.
Dear ICAZ Members,

Is winter over already? Europe never really had one, North America just now received its share of cold weather as I write this letter in mid-April, and who knows what happened elsewhere in the world where our many other members live? ICAZ members may be wondering if the organization went into hibernation this past winter—a recuperative and well-deserved rest after such a large and highly successful conference last August. But, while it may appear quiet to some, beneath the surface many of us have been working diligently on the commitments we had made at the 2006 International Conference in México City. To get an idea of what ICAZ members have been up to over the past several months, just read through this latest issue of the ICAZ Newsletter. I would also like to highlight some of these important efforts, giving credit to those involved, because their work is helping to ensure that the organization will operate smoothly now and in the future.

By the time this newsletter reaches your desk, the ICAZ Website will have been transferred to its new home on the Alexandria Archive Institute (AAI) server. For the past seven plus years, since its initial development in 1999, the website has been maintained by Heather Lapham and hosted by the Archaeobiology Program, Department of Anthropology, National Museum of Natural History, at the Smithsonian Institution in Washington, D.C., USA. Beginning in May 2007, the AAI, founded by Eric Kansa and Sarah Whitcher Kansa, will both host and maintain the ICAZ Website. This change will not affect the website (other than its URL), but rather will place it in the very competent hands of the AAI, an organization that successfully developed and operated the ICAZ 2006 International Conference website and BoneCommons (which served as an electronic forum for the conference). The new URL for the ICAZ Website is http://www.alexandriaarchive.org/icaz/ (see page 3 of this newsletter for more information).

Contributed by Aleks Pluskowski

In March 2007, the third meeting in a series of annual conferences exploring the use of animals as material culture in medieval Europe, entitled “Bestial Mirrors: Using Animals to Construct Human Identities in Medieval Europe,” was hosted by The Vienna Institute for Archaeological Science, University of Vienna, Austria. Organised by Günther Karl Kunst and Aleks Pluskowski, the conference focused on the role of animals in the construction of identity. Papers and posters discussed a wide range of materials from Italy, Austria, Switzerland, Sweden, Estonia, The Czech Republic, Hungary, Britain, and Ireland. Abstracts can still be accessed online at http://www.beasts-in-the-woods.org/conference.html. The aim of these “Animals as Material Culture” conferences is to maintain a forum for pan-European dialogue between archaeologists, historians, and art-historians interested in human-animal relations in the Middle Ages, from students to post-doctoral researchers. The first conference, which was organised by Aleks Pluskowski at the McDonald Institute for Archaeological Research, University of Cambridge, UK, in March 2005, focused on the modification of animal bodies and sought to dissolve the hermeneutic boundaries between the study of faunal remains, artefacts, documents, and artistic sources. The second conference, organised by Giovanni De Venuto and Antonietta Buglione at the Department of Archaeology, University of Foggia, Italy, in October 2006, focused on the movement of animals, particularly transhumance and the importation of exotic. The fourth conference in this series will be held at the Central European University in Budapest, Hungary, in 2008. Proceedings from the first three conferences will be published. The first volume in the series, entitled “Breaking and Shaping Beasty Bodies,” is in press with Oxbow Books.

1Aleks Pluskowski, McDonald Institute for Archaeological Research, Clare College, University of Cambridge, England; E-mail: agp21@cam.ac.uk.
ICAZ is also embarking on another new project to have the organization’s records archived in the National Anthropological Archives (NAA) at the National Museum of Natural History, Smithsonian Institution. The NAA curates the records of a number of professional societies. The idea, suggested by past ICAZ President Melinda Zeder, was unanimously endorsed by the ICAZ Executive Committee. Zeder is in the process of contacting administrators regarding this prospect. Archiving ICAZ records at the NAA is important strategically because it will ensure their proper long-term curation. It will also represent our appreciation for all of the hard work it took to transition ICAZ into a professional, dues-paying organization which took place under the tenure of Zeder. Although the NAA would serve as the long-term repository for the organization’s records, the most current files, those needed for the management of the last funding cycle, would reside with the ICAZ Secretary.

In another recent development, Jean-Denis Vigne and his team have begun initiating plans for the ICAZ 2010 International Conference in Paris, France. Hosting a meeting this size (500-700 attendees are estimated) is always a considerable challenge. Staff needed to organize the conference will include senior researchers as well as a cadre of younger colleagues who will acquire experience and well-deserved international exposure in exchange for the hard work they invest. As planned, ICAZ 2010 will emphasize themes important in Central and Eastern Europe, but not at the expense of other regions (see page 1 for details). The locations of the first five ICAZ International Conferences were carefully balanced between the two sides of the Iron Curtain in Europe. Since then, our membership has greatly increased in geographic scope (and the Iron Curtain has disappeared). The same balancing act has been played out between Europe and the Americas. This is the only way to guarantee that researchers from around the world have an opportunity to participate in a meeting close to their home country. Hopefully, in the future, other continents will also have an opportunity to host ICAZ International Conferences.

Last, but not least, following the success of the thematic volumes that resulted...
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from ICAZ 2002 in Durham, UK, new books carrying the ICAZ logo are well underway. Many papers presented at the ICAZ 2006 International Conference are currently being organized into thematic volumes for publication, several of which have been commissioned by Oxbow Books. This is an especially exciting development since publishing formal proceedings of the ever-increasing number of papers presented at ICAZ conferences is nearly impossible. These upcoming publications are particularly important because, beyond their obvious scholarly value, they will serve to document ICAZ activities in the best possible way—making the superb work of our many members available to future generations of researchers.

The transition period for the new ICAZ officers ended last year, however we have continued to receive support from the previous leadership, both formally as Executive Committee members and informally through ongoing communications and advice. I would like to acknowledge all of the help they have given us and ask that the membership do so as well since we all have a vested interest in maintaining the high standards ICAZ has achieved during the 36 years it has been connecting colleagues around the world. This task has grown in importance at a time when formal jobs are scarce and efficient information flow may help to place the right person in the right time at the right spot. International cooperation is not simply about tapping new financial resources, it also fosters synergism between the creative ideas of researchers who sometimes work continents apart. On behalf of myself and the membership, I thank these individuals—Melinda Zeder, Arturo Morales, Richard Meadow, and Heather Lapham—for helping to ensure that the transition to new leadership has, and continues to, move forward smoothly.

Sincerely,

László Bartosiewicz
ICAZ President

News and Notes

Jillian Garvey (Archaeology Program, La Trobe University, Victoria, Australia), Anne Pike-Tay (Department of Anthropology, Vassar College, Poughkeepsie, New York, USA), and Richard Cosgrove (also of La Trobe University) were awarded the 2006 Best Overall Paper by the Australian Archaeological Association (AAA) at their annual conference. The paper was entitled “The Archaeological Signature of Behavioural Modernity: Hunting Strategies in Late Pleistocene South West Tasmania.”

Haskel Greenfield (Department of Anthropology, University of Manitoba, Canada) has been offered the Annual Professorship at the W. F. Albright Institute of Archaeological Research in Jerusalem, Israel, for the 2007-2008 academic year. The institute is the oldest of the American Schools of Oriental Research in the Near East. Greenfield will continue his research on the origins and spread of metallurgy in ancient Israel through microscopic analysis of cut marks on animal bones.

Sebastián Muñoz and Mariana Mondini are pleased to announce that the papers in the ICAZ 2006 International Conference symposium entitled “Neotropical Zooarchaeology and Taphonomy” will be published as a special issue of the journal Quaternary International later this year.

MARES - A New Online Database

Contributed by Ruby Cerón-Carrasco

Marine Resource Exploitation in Scotland (MARES) is a new online database, developed by Ruby Cerón-Carrasco, Dave Stone, and Clive Bonsall (University of Edinburgh), that contains information about marine resource exploitation in northern and western Scotland. Funded by Historic Scotland, the government agency responsible for safeguarding Scotland’s historic environment, the database (http://webdb.ucs.ed.ac.uk/mares/) includes data that were readily available for the regions of the Western Isles, Orkney, Shetland, Argyll and Bute, and the Highlands. MARES currently describes and catalogues data pertaining to marine resource exploitation from Mesolithic to Post-Medieval periods (ca. 10,000 B.C. to 1800 A.D.). In the future, we hope to extend it to include other areas of Scotland such as the East Coast, etc. MARES contains details about fish, marine mammal, sea bird, and mollusc assemblages as well as information about drift wood and possible seaweed procurement. The data were collected from published literature and unpublished archive reports as well as directly from the archaeological collections curated by museums and contract archaeology units. Many of the more recent archaeological finds included in the database have been identified and analyzed for MARES by Cerón-Carrasco. They include assemblages from Borrailie, Sangoberg, and High Pastures Cave in the Highlands region and from Meur in the Orkney Islands. Most information in the database, however, has been compiled from published faunal reports rarely available in electronic form (i.e., as spreadsheets or in a database). For more information, check out MARES at http://webdb.ucs.ed.ac.uk/mares/.

1Ruby Cerón-Carrasco, Department of Archaeology, University of Edinburgh, Scotland; E-mail: rccarras@staffmail.ed.ac.uk.
**ORISE Fellowship**

The Joint POW/MIA Accounting Command–Central ID Lab (JPAC/CIL) has post-master’s and post-doctoral opportunities available in bioarchaeological research. Program participants travel to locations of former U.S. military involvement, conduct archaeological excavations to recover human remains, and attempt to identify the remains in the laboratory. Applicants must have previous experience supervising archaeological fieldwork and conducting osteological analysis. Complete descriptions of the fellowships and application instructions can be found on the JPAC website at http://www.jpac.pacom.mil/CIL/Employment.htm. For more information, contact: Sabrina Ta’ala, Forensic Anthropologist and ORISE Fellowship Coordinator, E-mail: Sabrina.taala@jpac.pacom.mil.

**New Books**


Continued from page 1 - Comments on Wilson and Reeder’s (2005) Invalid Use of Formal Names for Wild Ungulates


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Continued from page 3 - New Research...

**References Cited**


Ian Baxter, 4 Moor View, Newbiggin-by-the-Sea, NE64 6DH, Northumberland, England; E-mail: llbaxter@aol.com.

Continued on page 6
The following list of recent publications in archaeozoology contains an all time record number of more than 275 unique references that have not appeared in previous newsletters. Due to the large number of submissions by ICAZ Members, we have omitted from the following list in-press publications, presented papers, abstracts from conference proceedings, and publications prior to 2004. Many thanks to everyone who contributed.


Continued from page 6- New Books


Continued from page 9 - Recent Publications
Society B 274(1616):1377-1385.


LEMERINI, C., et al. (2006). Use-Wear Analysis of an Amudian Laminar Assemblage from... Continued on page 12
Continued from page 11 - Recent Publications


MARTINIÁKOVÁ, MONIKA (2006). Differences in Bone Microstructure of Mammalian Skeletons. Faculty of Natural Sciences, Constantine the Philosopher University, Nitra, Slovakia.


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International Council for Archaeozoology


JUNE 1, 2007
A workshop entitled “Attitudes to Animals: Human-Animal Relations 20 Years After WAC” will be held at the Institute of Archaeology, University College London, UK. For more information, contact David Orton (E-mail: dco21@cam.ac.uk) or Andrew Shapland (E-mail: a.shapland@ucl.ac.uk).

JUNE 5 – 9, 2007
The 4th conference of the European Society for Environmental History (ESEH), entitled “Environmental Connections: Europe and the Wider World,” will be held at the Vrije Universiteit (Free University), Amsterdam, The Netherlands. For more information, check out the conference website at http://www.let.vu.nl/conference/esleh/index.html.

JULY 7, 2007
The Archaeozoological Research Colloquium will be held at the Institut für Ur- und Frühgeschichte, Christian-Albrechts-Universität, Kiel, Germany. For further details, contact Cornelia Becker (E-mail: cobecker@zedat.fu-berlin.de). Web: http://www.uni-kiel.de/ufg/index1.htm.

JULY 16 – 21, 2007
The 8th International Congress of Vertebrate Morphology will be held in Paris, France. For details, check out the conference website at http://icvm8.snv.jussieu.fr.

AUGUST 27 – SEPTMBER 1, 2007
The 6th Meeting of the ICAZ Worked Bone Research Group (WBRG) will be held at the Museum de l’Archéologie et de l’Ethnologie, National d’Histoire Naturelle, Case postale 56, 55 rue Buffon, F-75231, Paris cedex 05; E-mail: bearez@mnhn.fr.

SEPTEMBER 3 – 8, 2007
A session entitled “Medieval Zooarchaeology and Archaeozoology in Europe: The State of Research and Future Directions” will be held during the 4th International Congress of Medieval and Modern Archaeology at the Université de Paris I - Panthéon-Sorbonne, Paris, France. For details, contact the organizers Aleks Pluskowski, (E-mail: agp21@cam.ac.uk), Giovanni de Venuto (E-mail: giovanni.devenuto@yahoo.it), and Antonietta Buglione (E-mail: antoinette_it@yahoo.it). Web: http://medieval-europe-paris-2007.univ-paris1.fr/MEP2007_frame.htm.

SEPTEMBER 6 – 8, 2007
The 3rd ICAZ Animal Palaeopathology Working Group (APWG) meeting, entitled “Recording Strategies and Analytical Methods in Animal Palaeopathology: Practices, Possibilities and Problems,” will be held at the Department of Anatomy and Physiology, Lithuanian Veterinary Academy, Kaunas, Lithuania. Registration deadline is June 15, 2007. Additional details have been posted on the APWG website at http://www.apwg.supanet.com. For additional information, contact Richard Thomas, University of Leicester (E-mail: rmt12@le.ac.uk) or Linas Daugnora, Lithuanian Veterinary Academy (E-mail: daugnora@lva.lt).

OCTOBER 18 – 20, 2007
The 14th Meeting of the ICAZ Fish Remains Working Group (FRWG) will be held in Antibes, France. Papers on all topics associated with fish and bone research are invited. For more information, contact the organizer: Philippe Béarez, Muséum National d’Histoire Naturelle, Case postale 56, 55 rue Buffon, F-75231, Paris cedex 05; E-mail: bearez@mnhn.fr.

NOVEMBER 8 – 9, 2007
A conference entitled “La Bête Captive au Moyen Age et à l’Époque Moderne” will be held in Valenciennes, France. For more information, e-mail mireille.lefort@univalenciennes.fr.

UPCOMING CONFERENCES IN 2008
FEBRUARY 19 – 22, 2008
The 2nd ICAZ Archaeomalacology Working Group meeting will be held at the Cantabrian International Institute for Prehistoric Research, Santander, Spain. There will be four days of presentations and field trips. The deadline for abstract submission is September 30, 2007. Details have been posted on the web at http://triton.anu.edu.au/santander_meeting.htm. For details, contact the organizers: Esteban Álvarez-Fernández (IIIPC, Santander; E-mail: estebanalfer@hotmail.com) or Diana R. Carvajal-Contreras (University of Calgary; E-mail: drcarvajal@ucalgary.ca).

June 4 – 8, 2008
A workshop entitled “Cod and Herring: The Archaeology and Early History of Intensive Sea Fishing” will be held in the Orkney Islands of northern Scotland. For additional information, e-mail CodHerring2008@gmail.com. Complete details will soon be available on the conference website, which will be hosted by the McDonald Institute for Archaeological Research, Cambridge University, UK.

AUGUST 23 – 27, 2008
The 6th ICAZ Bird Working Group (BWG) meeting will be held at the Groningen Institute of Archaeology, Groningen University, The Netherlands. There will be three days of presentations plus a one-day bird watching trip to the Lauwersmeer (http://www.lauwersmeer.com/). For more information about the conference, contact: Wietse Prummel, Poststraat 6, 9712 ER Groningen, Netherlands; E-mail: w.prummel@rug.nl.

To announce an upcoming meeting or event in the next ICAZ Newsletter, e-mail the editor, Heather Lapham, at hlapham@siu.edu. Submission DEAD-LINES for the biannual ICAZ Newsletter are April 15 (spring issue) and October 15 (fall issue).