

THE 12TH CONGRESS OF THE INDO-PACIFIC PREHISTORY ASSOCIATION

Our 12th Congress, co-organised with the National Museum of the Philippines, and in association with the Indonesian National Research Centre for Archaeology, was held from January 26th to February 2nd 1985 at the Callao Resort near Peñablanca, Cagayan Province, northern Luzon. The Callao Resort was made available by the generosity of the Governor and Provincial Government of Cagayan Province, and the combination of archaeological debate, exotic surroundings and demanding fieldtrips undoubtedly made this, our first independent congress since Singapore in 1938, a most successful event.

Funding to bring delegates to Peñablanca, especially from other Asian countries, was very generously provided by the Ford Foundation (Jakarta and New Delhi offices), the Wenner-Gren Foundation for Anthropological Research (New York), the Australian National University (Canberra), and the Asian Cultural Council (New York). Without this support our numbers would have been severely reduced. Many delegates were also able to obtain individual financial support from their own institutions.

Congress events:

After registration in the National Museum in Manila on the morning of Saturday January 26th, the delegates were taken to the Fiesta Island Tourism Pavilion at the Cultural Centre Complex (on Roxas Boulevard) for a lunch, film and cultural show hosted by the Philippine Ministry of Tourism.

Delegates then travelled to Peñablanca on Sunday 27th January (on buses provided through a Ford Foundation grant to the National Museum), to be housed in cottage and dormitory accommodation at the Callao Resort, in the valley of the Piñacanauan de Tuguegarao River. Accommodation and catering services were provided by the Provincial Government of Cagayan under the general direction of the Provincial Tourism Officer, Mrs Conchita Santos.

On the morning of Monday 28th January the Congress opening ceremony was held. Rev. Fr. Teodoro Canay, Parish Priest of Peñablanca, gave a short invocation, and opening remarks were delivered by National Museum Assistant Director, Alfredo Evangelista. The President of IPPA (Jack Golson) then introduced the delegates and other participants by name, and Governor Justiniano P. Cortez, Governor of Cagayan Province, delivered a welcome address. The Secretary of IPPA (Peter Bellwood) thanked Governor Cortez and the Provincial Government of Cagayan on behalf of delegates.

The closing ceremony was held on the evening of Friday 1st February, following a dinner hosted by Governor Cortez and the Cagayan

Provincial Government. The delegates were addressed by Governor Cortez, and the closing speech was given by Virendra Misra, incumbent President of IPPA following the retirement of Jack Golson. **

Apart from the people mentioned by name in this account, special thanks for assisting with the conference organisation, both in Manila and in Peñablanca, must go to the staff of the National Museum, and especially to the organisational co-ordinator, Wilfredo Ronquillo, who worked tirelessly on behalf of the overseas delegates.

Fieldtrips:

During the Congress, delegates made trips to the Callao, Musang and Arku caves just across the Piñacananan de Tuguegarao River, and examined artefacts excavated from various Cagayan sites in the National Museum store adjacent to the resort. In the Provincial capital of Tuguegarao visits were made to the Cagayan Provincial Museum, to the regional museum maintained by the National Museum, and to the nearby potting village of Atulu.

A full-day fieldtrip was organised for Tuesday January 29th, using locally-hired buses. In the earlier part of the morning Carl Vondra described exposed features of the Awidon Mesa formation along the Enrile anticline, after which delegates stopped for snacks at the residence of Mr. and Mrs. Nick Bautista in Gadu, Solana. The late morning was spent on a longish walk across open ranch country to the fossil site of Nabbutuan on Madrigal Ranch in Solana, about 34 km north-east of Tuguegarao. Recent excavations here by a National Museum team headed by Melchor Aguilera had exposed part of a large vertebrate skeleton in situ in the Awidon Mesa formation, and several speakers from the National Museum explained their roles in the work. Following the Madrigal Ranch visit, delegates proceeded to the village of Lal lo in the lower Cagayan Valley, where the pupils and staff of Lal lo School had arranged a surprise lunch. The group then visited the Lal lo midden site excavated recently by Barbara Thiel, before returning to the Callao Resort.

On Saturday 2nd February, during the return journey to Manila, delegates visited the Ifugao rice terraces at Banaue.

THE CONGRESS SYMPOSIA

Symposium I (Monday 28th January); Early human settlement in Island Southeast Asia and its environmental setting.

Convenors: Jack Golson, Alfredo Evangelista, R.P. Soejono.

Overview studies

1. Karl Hutterer The Pleistocene archaeology of Southeast Asia in regional context.
2. Cliff Ollier and John Chappell The palaeogeography of Island Southeast Asia.
3. Lawrence Heaney Zoogeographic evidence for Middle and Late Pleistocene landbridges in the Philippines (read by Karl Hutterer).
4. Colin Groves Plio-Pleistocene mammals in Island Southeast Asia (read by David Bulbeck).
5. John Flenley Vegetation history of Island Southeast Asia.
6. Geoffrey Pope Taxonomy, dating and palaeoenvironment: the paleoecology of the early Far Eastern hominids.

First case study: the Pleistocene sequence in Java.

7. Richard Shutler Jr and Friedrich Braches Problems in Paradise; the Indonesian Pleistocene revisited.
8. Gert-Jan Bartstra Thoughts on the geological succession in Java and its archaeological correlates.
9. S. Sartono The dating of Pleistocene man in Java.

Second case study: the Cagayan Valley, northern Luzon.

10. Carl Vondra The geological setting for early human occupation in the Cagayan Valley.
11. Wilfredo Ronquillo The cave archaeology of the Cagayan Valley.

Symposium II (Wednesday 30th January): Origin and expansion of the Austronesians.

Convenors: Peter Bellwood, Wilhelm G. Solheim II.

1. Lawrence Reid Benedict's Austro-Thai hypothesis; an evaluation.

2. James Fox Possible models of early Austronesian social organisation.
3. Robert Blust An outline of Austronesian subgrouping and prehistory (read by Lawrence Reid).
4. Wilhelm G. Solheim The Nusantao hypothesis: the origin and spread of Austronesian speakers.
 II
5. Peter Bellwood A hypothesis for Austronesian origins.
6. William Meacham A south China origin for the early Austronesians?
7. Barbara Thiel Austronesian origins and expansion: the Philippine archaeological data.
8. T.T. Chang The ethnobotany of rice in insular Southeast Asia.
9. Liu Jun A tentative study of the archaeological site of Hemudu (read by Wang Chaobo).
10. Pham Huy Thong Studies in Vietnam on Austronesian speakers.
11. Hilde Uytterschaut Affinities of Philippine populations: an anthropological study based on human skull data.

Symposium III (Friday 1st February): Island-mainland relations in late prehistory.

Convenor: Karl Hutterer

1. Laura Junker Long distance trade and socio-political evolution in Philippine lowland societies: an examination of causal relationships.
2. Maria Dalupan Long distance trade and Prehispanic social differentiation in the lowland Philippines: a view from the grave.
3. Wolfgang Marschall Agriculture and related elements of the Nusantara cultural tradition.
4. John Miksic Seasonality and cultural innovation in Southeast Asia.

5. Peter Coutts, John Guy, and Ralph Segnit Chinese trade ceramics and Philippine earthenware from Panay Island, Philippines: preliminary results of petrographic studies. (read by Johan Kamminga).
6. Pornchai Suchitta Early glass and stone beads or ornaments in Thailand.
7. Ian Glover Indian-Thai exchange: a link in the development of a world trading system.

Symposium IV (Thursday 31st January): Ethnography and the study of the past in Southeast Asia.

Convenors: Douglas Yen and Bion Griffin

1. Connie Bodner Hoes and pots from before Before: archaeological investigations in Central Bontoc, Mountain Province.
2. Harold Conklin Ethnography, prehistory, and the study of material-resource technology in northern Luzon.
3. Michael Graves Boundary maintenance among the Kalinga of northern Luzon, Philippines.
4. Bion Griffin Forager settlement and subsistence: behavioural correlates and archaeological data.
5. Geoffrey Benjamin Malayan ethnography and peninsula prehistory.
6. James Rhoads Metroxylon sago cultivation: the indications from archaeology and ethnography.
7. Surin Pookajorn Ethnoarchaeological research on the Phi Tong Luang: a hunter-gatherer group in Thailand.

Special symposium: Research presentations by archaeologists from the Indonesian National Research Centre for Archaeology (Tuesday 29th January).

Convenor: R.P. Soejono

1. R.P. Soejono Introduction
2. Ratna Indraningsih Research on prehistoric beads in Indonesia.

3. Haris Sukendar Living megalithic tradition in eastern Indonesia.
4. Santoso Soegondho Pottery from Gilimanuk, Bali.
5. D.D. Bintarti Prehistoric bronze objects of Indonesia.
6. S. Sartono Pleistocene peopling of the Southeast Asian archipelago.

Special symposium: (Thursday 31st January) Research presentations by archaeologists from Vietnam.

1. Ha Van Tan Late Pleistocene climate in Southeast Asia: New data from Vietnam.
2. Ha Van Tan Prehistoric pottery in Vietnam and its relationships with Southeast Asia.
3. Ngo Sy Hong The Sa Huynh culture: recent discoveries.
4. Ngo The Phong Some archaeological questions of the north Vietnam coastal area related to the question of Austronesian origins.

(Nguyen ba Khoach kindly assisted with the presentation of these papers).

IPPA BUSINESS MEETING.

A Business Meeting of the Indo-Pacific Prehistory Association was held at the Callao Resort on Monday morning 28th January 1985. The Chairman was the President of the Association, Professor Jack Golson. 64 people were present, of whom 47 were members. A quorum (20% of the individual membership) was attained.

The following items of business were dealt with:

1. The Secretary summarised the minutes of the previous business meeting held during the Dunedin congress (5th February 1983).
2. Past-President Wilhelm G. Solheim II read out the names of prehistorians associated with IPPA and its predecessor organisation (FEPA) who have died since the 1954 meeting of the Far Eastern Prehistory Association in Manila. Those named were: H. Otley Beyer; D.A. Casey; H.G. Davis; F.S. Drake; R. Duff; C.A. Gibson-Hill; E.W.

Gifford; C. Gorman; B. Gray; T. Harrisson, H.R. van Heekeren; R. von Heine Geldern; T. Kanaseki; G.H.R. von Koenigswald; Li Chi; W. Linehan; Fr. R. Maglioni; D. McCredie; L. Malleret; S. Mizuno; Krommamun Bidyalap (Prince) Dhani Nivat; A.P. Okladnikov; B. Palmer; E. Saurin; W. Schofield; H.D. Skinner; P.D.R. Williams-Hunt.

Delegates then observed one minute of silence.

3. The Secretary gave a brief report on the affairs of the association since the Dunedin congress. Two members of the Executive Committee retire with the Peñablanca congress; one of these is Dr Y.H. Sinoto, who was thanked with a round of applause (Dr Sinoto was not able to attend the congress). The other replacement is tied in with the position held on the Executive Committee by a member from the People's Republic of China; on this see item 4 below. The position of Vice-President also falls vacant with the transfer of the Presidency to Dr V.N. Misra.

4. In terms of the present wording of Article V(A) of the IPPA constitution the position on the Executive Committee for a member from the People's Republic of China is, in effect, permanent. In discussion several delegates pointed out the anomaly in this situation (no other country is so favoured), and it was therefore moved (Solheim/Bulmer) that Article V(A) be reworded to remove the anomaly. IPPA members will be asked to approve a change to the constitution in a separate circular, since until this is done this position cannot be freed for election. If the membership agrees to a modification of the constitution the whole document will be printed in the next Bulletin (no. 6).

5. Other items of business discussed included the following:

- a) incorporation - still a thorny problem with no obvious solution.
- b) World Archaeological Congress, Southampton and London, 1st to 7th September 1986. Statements about the nature and organisation of the congress were made by Ian Glover, a member of the Organising Committee, and Asok Ghosh, a convenor of one of the symposia. IPPA took a decision at its Business Meeting in Dunedin in February 1983 not to offer a programme as an Association at the World Archaeological Congress, and it is evident that this decision conforms well with the structure of the congress, which is defined in terms of a number of major themes. The Chairman pointed out that these themes (Cultural Attitudes to Animals; Comparative Studies in the Development of Complex Societies; Archaeological 'Objectivity' in Interpretation; The Social and Economic Contexts of Technological Change; Man and Culture in the

Pleistocene) are ones to which members of IPPA have a distinctive contribution to make, and encouraged them to do so.

- c) Our next IPPA congress. Many delegates spoke on this, with most favouring another independent meeting (i.e. not linked to a major world congress). Viewpoints on timing were varied, with both a two-year and a four-year interval before the next congress being favoured. Venues raised during discussion included Guam, Japan, Indonesia and Perth (Western Australia).
- d) Dr T.T. Chang invited delegates to visit the International Rice Research Institute at Los Baños following the congress.

Executive Committee Meeting.

A meeting of the IPPA Executive Committee was held in the Bay View Hotel in Manila on the morning of Sunday 3rd February. Five members and one Past-President were present (Golson, Misra, Agrawal, Ohtsuka, Solheim, Bellwood). Business items considered were as follows:

1. New membership applications received since the Dunedin congress were ratified.
2. The following persons were elected to Honorary Membership: Robert Fox, Jack Golson, Chin Youdi, H.D. Sankalia, Chosuke Serizawa. This brings the number of Honorary Members to ten, the others being Kenneth Emory, Fred McCarthy, Hallam Movius, Bill Solheim, and Norman Tindale.
3. Discussion continued on the date and venue for the next IPPA congress. Possibilities currently under consideration include a regional congress in India in 1987 (possible venues are Srinagar or Assam), and a full congress in the late 1980s. Feasible venues for the latter include Japan and Indonesia, with the possibility of a regional congress in Guam.

** Footnote from page 2.

During the congress closing ceremony the National Museum awarded Certificates of Appreciation to Governor Cortez, Mrs Santos, and Mayor Oscar Romero, the Mayor of Peñablanca.

DELEGATES IN ATTENDANCE AT THE PEÑABLANCA CONGRESS

- Professor D.P. Agrawal, Physical Research Laboratory, Navrangpura, Ahmedabad 380009, India.
- Mr M. Aguilera, National Museum, P. Burgos Street, Manila, Philippines.
- Dr G.T. Bartstra, Biologisch-Archaeologisch Instituut, State University of Groningen, Poststraat 6, 9712 ER Groningen, The Netherlands.
- Mr A. Bautista, National Museum, P. Burgos Street, Manila, Philippines.
- Dr P.S. Bellwood, Dept. Prehistory and Anthropology, Faculty of Arts, Australian National University, Box 4 P.O. Canberra ACT 2601, Australia.
- Dr G. Benjamin, Dept. Sociology, National University of Singapore, Kent Ridge, Singapore 0511.
- Ms D.D. Bintarti, The National Research Centre of Archaeology, P.O. Box 292 KBY, Jakarta Selatan, Indonesia.
- Ms C. Bodner, 816 Princess Drive, West Lafayette, Indiana 47906 USA.
- Mr N. Bondoc, National Museum, P. Burgos Street, Manila, Philippines.
- Professor H.C. Brookfield, Dept. Human Geography, Research School of Pacific Studies, Australian National University, Box 4 P.O., Canberra ACT 2601, Australia.
- Mr D. and Mrs M. Bulbeck, Dept. Prehistory and Anthropology, Faculty of Arts, Australian National University, Box 4 P.O., Canberra ACT 2601, Australia.
- Dr S. Bulmer, Dept. Anthropology, University of Auckland, Private Bag, Auckland, New Zealand.
- Mrs F. Caberoy, National Museum, P. Burgos Street, Manila, Philippines.
- Dr T.T. Chang, International Rice Research Institute, P.O. Box 933, Manila, Philippines.
- Dr P.G. Chatterjee, Dept. Botany, Calcutta University, 35 Ballygunge Circular Road, Calcutta 700019, India.
- Professor H.G. Conklin, Dept. Anthropology, Yale University, New Haven, CT 06520 USA.
- Dr Ian Crawford, Western Australian Museum, Francis Street, Perth WA 6000, Australia.
- Ms M.L. Dalupan, Ateneo de Manila University, Loyola Heights, Quezon City, Philippines.
- Mrs A. Estioko-Griffin, University of the Philippines, Diliman, Quezon City, Philippines.
- Dr A. Evangelista, National Museum, P. Burgos Street, Manila, Philippines.
- Dr J. Flenley, Dept. Geography, University of Hull, Hull HU6 7RX, England.
- Professor J.J. Fox, Dept. Anthropology, Research School of Pacific Studies, Australian National University, Box 4 P.O., Canberra ACT 2601, Australia.

Mrs E. Gatbonton, National Museum, P. Burgos Street, Manila, Philippines.

Dr A.K. Ghosh, Dept. Anthropology, Calcutta University, 35 Ballygunge Circular Road, Calcutta 700019, India.

Dr I.C. Glover, Institute of Archaeology, 31-34 Gordon Square, London WC1H 0PY, United Kingdom.

Professor J. Golson, Dept. Prehistory, Research School of Pacific Studies, Australian National University, Box 4 P.O., Canberra ACT 2601, Australia.

Dr M.W. Graves, Dept. Anthropology, University of Guam, Uog Station, Mangilao, Guam 96913, USA.

Dr B. Griffin, Dept. Anthropology, University of Hawaii, 2424 Maile Way, Honolulu, Hawaii 96822, USA.

Professor Ha Van Tan, Dept. Archaeology, University of Hanoi, Hanoi, Vietnam.

Dr F. Henson, National Museum, P. Burgos Street, Manila, Philippines.

Dr K. Hutterer, University of Michigan, Museum of Anthropology, Ann Arbor, Michigan, 48104, USA.

Ms R. Indraningsih, National Research Centre of Archaeology, P.O. Box 292 KBY, Jakarta Selatan, Indonesia.

Ms F. Jack-Hinton, Northern Territory Museum, Box 4646, Darwin NT 5794, Australia.

Ms L. Junker, Museum of Anthropology, University of Michigan, Ann Arbor, Michigan 48104, USA.

Mr I. Kalali, Sabah Museum, Bukit Istana Lama, Kota Kinabalu, Sabah, Malaysia.

Dr J. Kamminga, Dept. Mechanical Engineering, University of Sydney, Sydney NSW 2006, Australia.

Mr P.M. Kedit, Sarawak Museum, Kuching, Sarawak, Malaysia.

Mr P. Koon, Sabah Museum, Bukit Istana Lama, Kota Kinabalu, Sabah, Malaysia.

Dr M. Lal, Dept. Ancient Indian History, Culture and Archaeology, Banaras Hindu University, Varanasi 221005, India.

Dr Liu Jun, Zhejiang Provincial Museum, Hangzhou, People's Republic of China.

Dr W. Marschall, Seminar für Ethnologie, Universität Bern, Schwanengasse 7, CH 3011 Bern, Switzerland.

Professor R.V. Mascuñana, Silliman University, Dumaguete City, Negros Oriental Province, Philippines.

Dr W. Meacham, Hong Kong Archaeological Society, Hong Kong Museum of History, Kowloon Park, Hong Kong.

Dr D.K. Medhi, Dept. Anthropology, Arya Vidyapeeth College, Guwahati 781016, Assam, India.

Dr J. Miksic, P.O. Box 10, Bulaksumur, Yogyakarta, Indonesia.

Dr V.N. Misra, Dept. Archaeology, Deccan College, Pune 411006, India.

Ms C. Morris, 59 McLachlan Crescent, Holder ACT 2611, Australia.

Dr M.L.K. Murty, Dept. Archaeology, Deccan College, Pune 411006, India.

Dr Ngo Sy Hong, Section for Metal Age Studies, Institute for Archaeology, Hanoi, Vietnam.

Dr Ngo The Phong, Section for Archaeology and Arts, Institute for Southeast Asian Studies, 27 Tran Xuan Loan, Hanoi, Vietnam.

Mr Nguyen Ba Khoach, Dept. Anthropology, University of Hawaii, Honolulu, Hawaii 96822, USA.

Mr H. Ogawa, Waseda University, 5-18-3, Seijo, Setagaya, Tokyo T 157, Japan.

Dr R. Ohtsuka, Dept. Human Ecology, University of Tokyo, Hongo, Tokyo 113, Japan.

Dr. C.D. Ollier, Bureau of Mineral Resources, East Building, Anzac Parade, Parkes ACT 2600, Australia.

Mr R.H. and Mrs D.E. Pearce, 21 Davies Crescent, Kalamundra WA 6076, Australia.

Dr J. Peralta, National Museum, P. Burgos Street, Manila, Philippines.

Professor Pham Huy Thong, Vietnam Social Sciences Committee, Hanoi, Vietnam.

Mr S. Pookajorn, Faculty of Archaeology, Silpakorn University, Bangkok 10200, Thailand.

Dr G.G. Pope, c/o F.C. Howell, Dept. Anthropology, University of California, Berkeley CA 94720, USA.

Dr D. Preston, Dept. Human Geography, Research School of Pacific Studies, Australian National University, Box 4 P.O., Canberra ACT 2601, Australia.

Mrs L.L. Ramas, University of San Carlos Museum, Cebu City, Philippines.

Dr R. Ray, Dept. Anthropology, Calcutta University, 35, Ballygunge Circular Road, Calcutta 700019, India.

Dr L.A. Reid, Dept. Linguistics, University of Hawaii, Honolulu, Hawaii 96822, USA.

Dr J. Rhoads, Dept. Anthropology, University of Sydney, Sydney NSW 2006, Australia.

Ms T.M. Roales, National Museum, P. Burgos Street, Manila, Philippines.

Mr W. Ronquillo, National Museum, P. Burgos Street, Manila, Philippines.

Mr C. Salcedo, National Museum, P. Burgos Street, Manila, Philippines.

Mr R. Santiago, National Museum, P. Burgos Street, Manila, Philippines.

Professor S. Sartono, Dept. Geology, Institute of Technology, Bandung, Indonesia.

Dr W.H. Scott, Sagada, Mountain Province, Luzon, Philippines.

Dr R. Shutler, Jr., Dept. Archaeology, Simon Fraser University, Burnaby B.C. V5A 1S6, Canada.

Mr E. Simpao, National Museum, P. Burgos Street, Manila, Philippines.

Mr M. Smith, Northern Territory Museum, Box 2109, Alice Springs, NT 5750, Australia.

Dr R.P. Soejono, National Research Centre of Archaeology, P.O. Box 292 KBY, Jakarta Selatan, Indonesia.

Professor W.G. Solheim II, Dept. Anthropology, University of Hawaii, Honolulu, Hawaii 96822, USA.

Dr P. Sorensen, Scandinavian Institute of Asian Studies, 2,
Kejsergade, DK-1155 Copenhagen K, Denmark.

Dr U. Staesche, Federal Institute of Geosciences and Natural
Resources, Hannover, West Germany.

Dr P. Suchitta, Faculty of Archaeology, Silpakorn University, Bangkok
10200, Thailand.

Mr S. Sugondho, National Research Centre of Archaeology, P.O. Box
292 KBY, Jakarta Selatan, Indonesia.

Mr H. Sukendar, National Research Centre of Archaeology, P.O. Box
292 KBY, Jakarta Selatan, Indonesia.

Ms P. Swadling, Prehistory Department, National Museum, P.O. Box 5560,
Boroko, Papua New Guinea.

Mr Adi Haji Taha, National Museum, Jalan Damansara, Kuala Lumpur,
Malaysia.

Dr R.C.P. Tenazas, SPAFA, Darakarn Building, 920 Sukhumvit Road,
Bangkok 10110, Thailand.

Dr B. Thiel, Dept. Anthropology, Northern Kentucky University,
Highland Heights, Kentucky 41076, USA.

Ms A. de la Torre, University of San Carlos Museum, Cebu City,
Philippines.

Dr H.T. Jytterschaut, Dept. Anatomy and Embryology, University of
Leiden, Postbus 9602, 2300 RC Leiden, The Netherlands.

Dr R.K. Varma, Dept. Ancient History, Culture and Archaeology,
Allahabad University, Allahabad, India.

Ms E. de Vera, National Museum, P. Burgos Street, Manila,
Philippines.

Dr C.F. Vondra, Dept. Earth Sciences, Iowa State University, Ames,
Iowa 50010, USA.

Dr Wang Chaobo, Zhejiang University, Hangzhou, People's Republic of
China.

Dr G. Ward, Australian Institute of Aboriginal Studies, GPO Box 553,
Canberra ACT 2601, Australia.

Dr Y. Yamamoto, International Rice Research Institute, P.O. Box 933,
Manila, Philippines.

Professor D. Yen, Dept. Prehistory, Research School of Pacific
Studies, Australian National University, Box 4 P.O., Canberra
ACT 2601, Australia.

Contributors not present at the congress.

Dr J.M.A. Chappell, Dept. Biogeography and Geomorphology, Research
School of Pacific Studies, Australian National University,
Box 4 P.O., Canberra ACT 2601, Australia.

Dr L.R. Heaney, Museum of Zoology, University of Michigan, Ann Arbor,
Michigan 48109, USA.

Mr F. Braches, Dept. Archaeology, Simon Fraser University, Burnaby
B.C. V5A 1S6, Canada.

Dr C.P. Groves, Dept. Prehistory and Anthropology, Faculty of Arts,
Australian National University, Box 4 P.O., Canberra ACT
2601, Australia.

Dr R.A. Blust, Dept. Linguistics, University of Hawaii, Honolulu,
Hawaii 96822, USA.
Dr P.J.F. Coutts, Division of Prehistory, La Trobe University,
Bundoora, Victoria 3083, Australia.
Mr J. Guy, Victoria and Albert Museum, South Kensington, London SW7,
England.
Dr Ralph Segnit, Division of Mineral Chemistry, CSIRO, Port Melbourne,
Victoria 3207, Australia.