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COMMUNICATIONS

Past Events:

Among the speakers presenting papers at the 87th General Meeting of the Archaeological Institute of America (27-30 December 1985, Washington, D.C.) were: J.R. Wiseman (Boston), Intellectual frontiers and archaeological issues; G.F. Bass (Texas A and M), The Bronze Age shipwreck at Ulu Burun (Kas); M.J. Rose (Indiana), Neolithic fishing in the Aegean: new evidence from Franchthi Cave; D.E. Wilson (Western Ontario), Ayia Irini, Kea, in the Early Bronze Age: Helladic or Cycladic; D.J. Pullen (Indiana), Mortuary practices in Early Bronze Age Greece: identifying patterns of prehistoric behavior; T.M. Whitelaw (St. Johns, Cambridge), The absolute chronology of the Aegean Early Bronze Age: a reassessment of the radiocarbon dates from Fournou Korifi, Myrtos; R.R. Holloway (Brown), Italy and Sicily before Romulus; M.K. Mogelonsky (Cornell), New uses for old tools: the ground stone axes of Alambra, Cyprus; D.S. Reese, The Mediterranean shell purple-dye industry; K.A. Yener, Tin in the Taurus Mountains: the Bolkardağ mining survey; D.W. Rupp (Brock), R.H. King (Western Ontario), and L.W. Sørensen (Copenhagen), A multivariate analysis of pottery from southwestern Cyprus using neutron activation analysis; T. Cullen (Indiana), A.P. Grimanis and M. Wassilaki-Grimani (Nuclear Research Center "Demokritos"), F. Pomoni (Institute of Geological and Mining Research, Athens), and R.E. Jones (Fitch Laboratory, British School, Athens), The relevance of archaeometry for questions of Greek Neolithic ceramic production; L.E. Talalay (Michigan), and R. Handler (Lake Forest), The present in the past: archaeological objectivity and the interpretation of stone age figurines; R.L. Alexander (Iowa), Another great queen relief at Alaca Hüyük; D. Bolger and E.J. Peltenburg (Edinburgh), Kissonerga-Mosphilia and the Erimi culture of Chalcolithic Cyprus: Lemba archaeological project excavations 1982-1985; B.A. Fiedler, The treatment of skulls in reused Geometric graves; M.H. Munn and M.L. Zimmerman Munn (Stanford), The countryside of Panakton on the Attic-Boeotian frontier: first season of the Stanford Skourta Plain project; P. Halstead (Sheffield), Man and animal in later Greek prehistory; J. Hansen (Boston), Agriculture in the prehistoric Aegean: an overview; G. Jones (Sheffield), Ethnoarchaeology and crop processing activities: assessing the evidence; C. Runnels (Stanford) and J. Hansen (Boston), The olive in the prehistoric Aegean: the evidence for domestication in the Early Bronze Age; M. Fotiadis (Indiana), Economic landscapes in the study of prehistoric farming, Greece; M.S. Balmuth (Tufts), Mycenaean Greece and Nuragic Sardinia: Late Bronze Age interaction?; J.L. Davis (Illinois), J.C. Wright (Bryn Mawr), and J.F. Cherry (Cambridge), The Nemea Valley Archaeological Project: 1985 season report; P. Betancourt (Temple), C. Davaras (Aghios Nikolaos Museum), and J. McEnroe (Hamilton), The Pseira Project: 1985 season; J.W. Shaw (Toronto), Excavations at Kommos during 1985; D. White (Pennsylvania), Excavation of Bates' Island, a Late Bronze Age Egyptian trading station; T.G. Palaima (Fordham), Sealings and regional administration LM IB Crete; D. Evely (Oxford), Ivory working at Minoan Knossos; K.M. Petruso (Boston), Economic notes on wool production in second-millennium Crete and Mesopotamia; J. Bennet (Sidney Sussex,

Cambridge). The wild country east of Dikte: east Crete in the LM III period; H.W. Haskell (Southwestern). Regionalism in thirteenth-century B.C. Crete; E.N. Davis (Queen's). The political use of art in the Aegean: the missing ruler.

Abstracts of these papers have been published in AJA 90:2 (1986) 177-225.

M.J. Becker (University of Pennsylvania) delivered the lecture, "Human skeletons from archaic contexts: Reconstructing ancient social structure, life-styles and rituals," at the Universitetets Institut for Klassisk Arkæologi in Copenhagen on 20 March 1986.

Future Events:

The officers and executive committees of the Middle West Branch of the American Oriental Society, the Midwest Region of the Society of Biblical Literature, and the Middle West Membership of the American Schools of Oriental Research are pleased to announce the formation of an international symposium to commemorate the centennial anniversary of the discovery of Tell El Amarna. The symposium will take place from February 1-3, 1987, at the Oriental Institute of the University of Chicago, in conjunction with the annual meetings of the sponsoring societies. An invitation is hereby extended to all members of the sponsoring societies, and all other interested scholars, to join us in celebrating this centennial, and to participate in the symposium.

While papers in all fields that have been influenced by the discoveries at Tell El Amarna are welcome, the organizers especially solicit presentations in the following areas:

- (1) New Light on Tell El Amarna and the History of Egypt.
- (2) Interconnections: Tell El Amarna and the History of Late Bronze Age Aegean, East Mediterranean, and Near East.
- (3) Tell El Amarna, Atonism and the History of Religion.
- (4) The Archaeology of Tell El Amarna: Then and Now.
- (5) Tell El Amarna and the History of Art.
- (6) The Inscriptions of Tell El Amarna.
- (7) Tell El Amarna and Modern Egyptology: Recent Contributions, Problems and Prospects.
- (8) Tell El Amarna: An Appreciation.

All communications regarding the symposium, including abstracts of papers, as well as requests for further information, should be addressed to the program chairmen at the addresses below:

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New Journal:

The first issue of Geoarchaeology. An International Journal, hereafter to be published quarterly, has just appeared. Its scope includes original research on the environmental setting of archaeological sites and material analysis of artifacts, syntheses discussing broader aspects of geoarchaeology, and "methods" papers describing new techniques and equipment. The editors of Geoarchaeology are interested in information which can be used to help interpret or enhance the

interrelations of archaeology, anthropology, geology, geography, paleontology, oceanography, and soil science. Accepted are original contributions of technical articles, translations of foreign papers, discussions, reports of meetings, book reviews, and correspondence. For editorial information contact Dr. Jack Donahue, Editor-in-Chief, Geoarchaeology, Dept. of Anthropology, University of Pittsburgh, Pittsburgh, PA 15260. For subscription information contact John Wiley and Sons, Subscription Dept., 605 Third Avenue, New York, NY 10158-0012, U.S.A.

Work in Progress:

Dissertations: K. Reber, "Die handgemachte Keramik Griechenlands vom 11. bis zum 8. Jahrhundert v. Chr." (Basel); C. Dittgen, "Die mykenische Frauentracht" (Freiburg); S. Krause, "Vorpalastzeitliche minoische Plastik" (Freiburg); J. Lahde, "Larnax-Gräber in der Agäis" (Freiburg); A. Papadimitriou, "Protogeometrische Keramik aus Tiryns" (Freiburg); U. Steppke, "Die nachgeometrische Besiedlung der Ostargolis" (Freiburg); I. Hiden-Weber, "Ursprung, Entwicklung und Nachleben der mykenischen Idole" (Graz); D. Schweighofer, "Das Fortleben der Doppelaxt in Mythos und Kunst bei den Griechen" (Graz); H. Braemer, "Phönizische und griechische Handelsschiffe in der Zeit von 1000 bis 300 v. Chr. Das antike mediterrane Seewesen, dargestellt durch die Schifffahrt mit ihren Handelsschiffen und den Handel mit seinen Häfen und Wegen" (Hamburg); A. Nitsche, "Die geometrische Keramik von Orchomenos" (Hamburg); P. Schmitz, "Die Zerstörungshorizonte des 13. und 12. Jhs. v. Chr. in Enkomi und ihre historische Interpretation" (Heidelberg); C. Czernohaus, "Delphine in der minoisch-mykenischen und frühgriechischen Kunst" (Innsbruck); H. Ehlotzky, "Mykenische Keramik im Archäologischen Institut der Universität Innsbruck" (Innsbruck); U. Horak, "Pferdedarstellungen in geometrischer Zeit" (Wien).

M.A. Theses: U. Buchert, "Lemnos. Eine topographische Untersuchung (Arbeitstitel)" (Berlin); M. Lehner, "Die Artefakte der Sesklo-Dimini-Kultur in der Sammlung des Instituts für klassische Archäologie an der Universität Graz (Arbeitstitel)" (Graz); A. Bill, "Kopfschmuck in der griechischen Kunst des 10. - 6. Jhs. v. Chr." (Heidelberg); C. Ebner, "Mykenische Wandmalereien." (Innsbruck); M. Erfeling, "Zu minoischen Stierspringerdarstellungen (Arbeitstitel)" (Köln); U. Rohloff, "Mykenische figürliche Vasenmalerei: Zur 'levanto-helladischen' Gruppe (Arbeitstitel)" (Köln); F. Blakolmer, "Interpretationsebenen zum Schiffsfresko von Thera" (Wien); A. Konecny, "Minoische und mykenische Heiligtümer im architektonischen Kontext" (Wien); G. Krämer, "Kleinasiatische Tumuli" (Wien); K. Schodl, "Der Stier in der minoisch-mykenischen Kunst" (Wien); C. Sommer, "Opferdarstellungen in der minoischen Kunst" (Wien); K. Süss, "Fremdvölkerdarstellungen in der minoisch-mykenischen Kunst" (Wien); U. Zimmermann, "Kleinasiatische Tumuli" (Wien).

Work Completed:

Among the habilitations submitted at Austrian, German and Swiss universities in the last ten years - and which have not yet been published, according to our information - were the following: W. Voigtländer, 1977, "Die ornamentale bemalte Palastkeramik von Tiryns. Studien zur Chronologie des 14. - 12. Jhs. v. Chr.," (Darmstadt); G. Hiesel, 1977, "Späthelladische Hausarchitektur," (Freiburg); E. Thomas, 1981, "Die kretischen Siegel der Palastzeit. Stilgeschichtliche Untersuchungen," (Köln); F. Prayon, 1984, "Alt

phrygische Plastik. Die früheisenzeitliche Bildkunst Zentralanatoliens und ihre Beziehungen zu Griechenland und zum Alten Orient," (Tübingen).

Dissertations: J.-L. Zimmermann, "Les chevaux de bronze dans l'art géométrique grec" (Geneva) (In press. Editions archéologiques de l'Université de Genève. In Kommission bei Philipp von Zabern. Mainz).

M.A. Thesis: B. Bottini, "La céramique mycénienne du Musée d'Art et d'Histoire de Genève (Erscheint in der Museumzeitschrift Geneva 1985.) (Geneva).

BIBLIOGRAPHY

- Barlow, Jane A., Middle Cypriote settlement evidence. A perspective on chronological foundations, RDAC (1985) 47-54. \$860366
- Bartosiewicz, L., An attempted distinction between the parts of the Neolithic site at Csabdi-Télizöldes. The use of macromammalian remains, ActaA 36 (1984) 43-52. \$860367
- Beckman, Gary, Proverbs and proverbial allusions in Hittite, JNES 45:1 (1986) 19-30. \$860368
- Belgiorno, M.R., A red polished amphora decorated with an Anatolian idol from Pyrgos, RDAC (1985) 45-46. \$860369
- Bell, Martha R., A Hittite pendant from Amarna, AJA 90:2 (1986) 145-151. \$860370
- Ben-Tor, Amnon, The trade relations of Palestine in the Early Bronze Age, Journal of the Economic and Social History of the Orient 29:1 (1986) 1-28. \$860371
- Bökönyi, S., Die frühneolithische Wirbeltierfauna von Nosa, ActaA 36 (1984) 29-41. \$860372
- Bolger, Diane, From typology to ethnology: techniques of the Erimi potters, RDAC (1985) 22-36. \$860373
- Caubet, Annie (avec appendices par J. Cautier et B. Bourgeois), Une statuette chalcolithique de Maroni?, RDAC (1985) 16-21. \$860374
- Choyke, A.M., Faunal information offered by worked bone assemblages, ActaA 36 (1984) 53-58. \$860375
- Courtois, Jacques-Claude, Alasia III. Les objets des niveaux stratifiés d'Enkomi. Fouilles C.F.-A. Schaeffer 1947-1970. Paris: Editions Recherche sur les civilisations, 1984. (Mémoire no. 32) \$860376
- Crouwel, J.H., Carts in Iron Age Cyprus, RDAC (1985) 203-221. \$860377
- Cruz-Uribe, Kathryn, and Richard G. Klein, Pascal programs for computing taxonomic abundance in samples of fossil mammals, Journal of Archaeological Science 13:2 (1986) 171-187. \$860378

- Currid, John D., The beehive buildings of ancient Palestine, BiblArch 49:1 (1986) 20-24. \$860379
- Flourentzos, P., An Archaic tomb from Khirokitia, RDAC (1985) 222-231. \$860380
- Gale, N.H., and Z.A. Stos-Gale, Lead isotope analysis and Alashiya: 3, RDAC (1985) 83-99. \$860381
- Gast, M., F. Sigaut, and C. Beutler, eds., Les techniques de conservation des grains à long terme. Paris: Les Editions de CNRS, 1985. (3:1,2) \$860382
- Gaur, A., A history of writing. London: British Library, 1985. \$860383
- Georgiou, Hara S., Keos VI. Ayia Irini: specialized domestic and industrial pottery. Mainz: Verlag Philipp von Zabern, 1986. \$860384
- Gindin, L.A., and V.L. Tsymbursky, The ancient Greek version of the historical event reflected in a Hittite text, VDI 1:176 (1986) 81-87. \$860385
- Hadjisavvas, S., A Late Cypriote II tomb from Dhenia, RDAC (1985) 133-136. \$860386
- Hawkins, David, Writings in Anatolia: imported and indigenous systems, World Archaeology 17:3 (1986) 363-376. \$860387
- Hobson, Keith A., and Henry P. Schwarcz, The variation in $\delta^{13}\text{C}$ values in bone collagen for two wild herbivore populations: implications for paleodiet studies, Journal of Archaeological Science 13:2 (1986) 101-106. \$860388
- Ionas, I., The altar at Myrtou-Pigadhes: a re-examination of its reconstruction, RDAC (1985) 137-142. \$860389
- Karageorghis, V., Kypriaka VIII, RDAC (1985) 232-238. \$860390
- Knapp, A. Bernard, Production, exchange and socio-political complexity on Bronze Age Cyprus, Oxford Journal of Archaeology 5:1 (1986) 35-60. \$860391
- Kommert, R., and H. Pecina, Die Anwendung der Infrarotspektroskopie zur Untersuchung von Holzfunden - Möglichkeiten und Beispiele. ZfA 19:1 (1985) 115-126. \$860392
- Lovell, M.C., D.E. Nelson, and H.P. Schwarcz, Carbon isotope ratios in palaeodiet: lack of age or sex effect, Archaeometry 28:1 (1986) 51-55. \$860393
- Makkay, Janos, Chronological links between Neolithic cultures of Thessaly and the Middle Danube region, ActaA 36 (1984) 21-28. \$860394

- Maier, F.G., and M.-L. v. Wartburg, Excavations at Kouklia (Palaepaphos). Thirteenth preliminary report: seasons 1983 and 1984, RDAC (1985) 100-125. \$860395
- Margueron, J.-C., Un piège à rongeurs à Emar, RDAC (1985) 143-145. \$860396
- Markoe, Glenn, Phoenician bronze and silver bowls from Cyprus and the Mediterranean. Berkeley: University of California Press, 1985. (Classical Studies, vol. 26) \$860397
- Masson, Emilia, Les syllabaires Chypro-Minoens: mises au point, compléments et définitions à la lumière des documents nouveaux, RDAC (1985) 146-154. \$860398
- Mayrhofer, Manfred, Fremdwort - vulgärsprachliche Entwicklung - Archaismus? Zur Problematik vedischer Etymologie, AnzWien 122 (1985) 117-123. \$860399
- Merrillees, Robert S., Political conditions in the eastern Mediterranean during the Late Bronze Age, BiblArch 49:1 (1986) 42-50. \$860400
- Millard, A.R., The infancy of the alphabet, World Archaeology 17:3 (1986) 390-398. \$860401
- Morris, R.S., and D.J. Symons, Four figured style vases from Cyprus in the Birmingham Museum and Art Gallery, RDAC (1985) 185-191. \$860402
- Muhly, J.D., Lead isotope analysis and the problem of lead in Cyprus, RDAC (1985) 78-82. \$860403
- Mussche, H.F., J. Bingen, J. Servais, and P. Spitaels, Thorikos VIII. 1972/176. Rapport préliminaire sur les 9^e, 10^e, 11^e, et 12^e campagnes de fouilles. Gent: Comité des Fouilles Belges en Grèce, 1984. \$860404
- Reviewed by P.P. Betancourt, AJA 90:2 (1986) 231. \$860405
- Un nouveau musée d'art des Cyclades à Athènes, Archéologia 210 (1986) 39-41. \$860406
- Olivier, J.-P., Cretan writing in the second millenium B.C., World Archaeology 17:3 (1986) 377-389. \$860407
- Pearlman, D., Kalavassos village, tomb 51: tomb of an unknown soldier, RDAC (1985) 164-179. \$860408
- Pritchett, W. Kendrick, Studies in ancient Greek topography. Part V. Berkeley: University of California Press, 1985. (Classical Studies, vol. 31) \$860409
- Sarkady, János, A problem in the history of the Greek calendar (the date of the origin of the months' names), Acta Classica Universitatis Scientiarum Debreceniensis 21 (1985) 3-17. \$860410

- Schaar, K.W., House form at Tarsus, Alambra and Lemba, RDAC (1985) 37-44. \$860411
- Schrire, C., Past and present in hunter gatherer studies. Orlando: Academic Press, 1984. \$860412
- Shaw, Ian M.E., Egyptian chronology and the Irish Oak calibration, JNES 44:4 (1985) 295-317. \$860413
- Stech, T., J.D. Muhly, and R. Maddin, The analysis of iron artefacts from Palaepaphos-Skales, RDAC (1985) 192-202. \$860414
- Symons, D., Some Cypriot vases in Britain, RDAC (1985) 180-184. \$860415
- Thomas, Carol G., The death of kings?, Acta Classica Universitatis Scientiarum Debreceniensis 21 (1985) 19-24. \$860416
- Tite, M.S., and M. Bimson, Faience: an investigation of the microstructures associated with the different methods of glazing, Archaeometry 28:1 (1986) 69-78. \$860417
- Todd, I.A., The Vasilikos Valley and the chronology of the Neolithic/Chalcolithic periods in Cyprus, RDAC (1985) 1-15. \$860418
- Todd, I.A. (with appendix by J. Moyer), A Middle Bronze Age tomb at Psematismenos-Trelloukkas, RDAC (1985) 55-76. \$860419
- Vitali, Vanda, and Ursula M. Franklin, New approaches to the characterization and classification of ceramics on the basis of their elemental composition, Journal of Archaeological Science 13:2 (1986) 161-170. \$860420
- Vollenweider, M.-L., Deliciae Leonis. Antike geschnittene Steine und Ringe aus einer Privatsammlung. Mainz: von Zabern, 1984. \$860421
Reviewed by R. Glynn, AJA 90:2 (1986) 240-241. \$860422
- Voyatzis, Mary E., Arcadia and Cyprus: aspects of their interrelationship between the twelfth and eighth centuries B.C., RDAC (1985) 155-163. \$860423
- Wachsmann, Shelley, Is Cyprus ancient Alashiya. New evidence from an Egyptian tablet, BiblArch 49:1 (1986) 37-40. \$860424
- Walz, C., Ethnographic analogy and the gender of potters in the Late Cypriot Bronze Age, RDAC (1985) 126-132. \$860425
- Whitbread, I.K., The characterisation of argillaceous inclusions in ceramic thin sections, Archaeometry 28:1 (1986) 79-88. \$860426
- Woese, C.R., N.R. Pace, and G.J. Olsen, Are arguments against archaeobacteria valid?, Nature 320:6061 (1986) 401-402. \$860427

- Zillig, W., and H. Lederer, Archaeobacterial status quo is defended,
Nature 320:6059 (1986) 220. \$860428

REVIEWS

- Barker, G., Prehistoric farming in Europe, 1985. \$851112 (P.J.
 Fowler, Agricultural History Review 34:1 (1986) 107-108.) \$860429
- Dietz, S., Excavations and surveys in southern Rhodes: the Mycenaean
 period. Lindos IV.1, 1984. \$850756 (J.C. Wright, AJA 90:2 (1986)
 231-232.) \$860430
- Dimbleby, G.W., The palynology of archaeological sites, 1985. \$850757
 (R.A. Ibe, Anthropology 8:2 (1985) 145-148; J. Pilcher, Journal of
 Archaeological Science 13:2 (1986) 202.) \$860431
 \$860432
- Fitton, J.L., ed., Cycladica, 1984. \$850762 (J. Rutter, AJA 90:2
 (1986) 228-229.) \$860433
- Karageorghis, V., and J.D. Muhly, Cyprus at the close of the Late
 Bronze Age, 1984. \$841076 (J.C. Wright, AJA 90:2 (1986) 232-233.) \$860434
- Kemenczei, T., Die Spätbronzezeit Nordostungarns, 1984. \$850595 (A.
 Lengyel, AJA 90:2 (1986) 233-234.) \$860435
- Kilian-Dirlmeier, I., Nadeln der frühhelladischen bis archaischen Zeit
 von der Peloponnes, 1984. \$850596 (J.C. Waldbaum, AJA 90:2 (1986)
 229-230.) \$860436
- King, P.J., American archaeology in the Mideast: a history of the
 American Schools of Oriental Research, 1983. \$832312 (T.W. Davis,
BiblArch 49:1 (1986) 62-63.) \$860437
- Lipinski, E., ed., State and temple economy in the ancient Near East,
 1979. \$800638 (J. Makkay, ActaA 36 (1984) 308-309.) \$860438
- Makkay, J., New results of the researches on the Neolithic in Hungary,
 1982. \$811969 (I. Ecsedy, ActaA 36 (1984) 297-298.) \$860439
- Markotić, V., ed., Ancient Europe and the Mediterranean, 1977.
 \$790460 (J. Makkay, ActaA 36 (1984) 310-311.) \$860440
- O'Shea, J.M., Mortuary variability: an archaeological investigation,
 1984. \$850801 (S. Shennan, American Scientist 74:2 (1986) 205.) \$860441
- Philipp, H., Bronzeschmuck aus Olympia, 1981. \$832348 (M. Szabó,
ActaA 36 (1984) 314-315.) \$860442
- Porada, E., Ancient art in seals, 1980. \$810992 (J. Makkay, ActaA 36
 (1984) 309-310.) \$860443

- Richards, J.D., and N.S. Ryan, Data processing in archaeology, 1985. \$850807 (C. Orton, Journal of Archaeological Science 13:2 (1986) 201.) \$860444
- Schliemann, H., Un vie d'archéologue, 1982. \$850479 (A. Wartelle, Bulletin, Association Guillaume Budé 4 (1985) 426-427.) \$860445
- Todorova, H., Die kupferzeitlichen Äxte und Beile in Bulgarien, 1981. \$841249 (I. Ecsedy, ActaA 36 (1984) 307-308.) \$860446
- Watson, P.J., S.A. LeBlanc, and C.L. Redman, Archeological explanation, 1984. \$850828 (R.C. Dunnell, AJA 90:2 (1986) 227-228.) \$860447
- Wells, P.S., Farms, villages, and cities: commerce and urban origins in late prehistoric Europe, 1984. \$850668 (R.A. Jewett, Anthropology 8:2 (1985) 138-142.) \$860448
- Whittle, A.W.R., Neolithic Europe. A survey, 1985. \$851170 (M.R. Ehrenberg, Agricultural History Review 34:1 (1986) 106-107.) \$860449
- Wilson, B., C. Grigson, and S. Payne, eds., Ageing and sexing animal bones from archaeological sites, 1982. \$840996 (S. Bökönyi, ActaA 36 (1984) 327-329.) \$860450