

## Annual Report of the Faculty Board of Archaeology and Anthropology on the Museum of Archaeology and Ethnology, 1959-60

29 November 1960

The FACULTY BOARD OF ARCHAEOLOGY AND ANTHROPOLOGY beg leave to present to the University their Annual Report on the Museum of Archaeology and Ethnology for the year 10 October 1959 to 10 October 1960.

1. *Honorary Keepers.* The thanks of the Board are again due to the Honorary Keepers for their help. They have sustained an incalculable loss by the sudden death of Mr G. K. Roth, the Honorary Keeper of the Fijian collections, in July. He had already made great progress with the reorganization of the Fijian Exhibit and left notes which will, it is hoped, enable it to be completed more or less as he intended. He was hoping to undertake the compilation of the long awaited catalogue of the collections which was to have formed a memorial to Baron von Hügel, but the prospects of getting this done are now remote. Throughout his work he had the able help of Mrs Roth, to whom the Board offer their thanks and heartfelt sympathy.

2. *Accessions.* The accessions include a gift by Mr R. R. Inskeep of Stone Age material from the Congo and of Iron Age pottery from Northern Rhodesia and Nyasaland. The work done by Mr E. W. McKie in British Honduras, on a grant from the Crowther-Beynon Fund, resulted in the receipt of a large collection of Maya sherds and other material, including some restorable vessels. An important accession was a group of stone implements from Argentina, including some from the dated site at Ayampitin, from Dr A. Rex Gonzalez. The purchase, with Crowther-Beynon grants, of pottery from Paracas and elsewhere filled further gaps in the Peruvian collections.

3. *Crowther-Beynon Fund.* In addition to the recurrent grant to Professor Clark for local excavations, and an allocation for purchase of specimens, grants were made to the British School of Archaeology in Jerusalem, in support of the work of Miss D. Kirkbride at the Neolithic village of Seyl Aqlat, Beidha, Jordan; to Miss Munn-Rankin in support of an excavation at Tell Rifat, N. Syria; to Mr D. Stronach for excavation at Yarim Tepe, Persia; to Mr Brothwell for excavation in the Scilly Isles; to Dr M<sup>c</sup>Burney towards the completion of his British Upper Palaeolithic Research Programme; and to Dr Alexander for excavations on Castle Hill, Cambridge.

4. *Photographic Department.* Mr Morley's services were used to their fullest capacity. He made 233 negatives of specimens, 857 black and white lantern slides, 93 coloured ones, and 447 enlargements.

5. *Visitors.* Visitors from overseas included Mr A. H. Anderson, Archaeological Commissioner, British Honduras; Mr Donald Collier of the Chicago Natural History Museum; Mr M.G. Dikshit of the University of Saugar, India; Professor Erna Gunther of the University of Washington, Seattle; Professor K. Jazdzewski of the University of Eodz; Mr A.C. Spaulding of the National Science Foundation, Washington; Mr W.C. Sturtevant of the Smithsonian Institution, Washington; and Dr R.B. Woodbury of the University of Arizona.

Facilities were given to the Cambrian Archaeological Society to use the Museum as the headquarters for their spring meeting from 11 to 13 April.

6. *Curator.* The Curator was invited to address the 25th anniversary meeting of the Society for American Archaeology at New Haven, Connecticut, in May. He spent from 3 May to 12 May in the United States, and gave lectures on the archaeology of Ecuador at Yale and Harvard, in addition to his address to the Society.

He represented the University at the 34th International Congress of Americanists at Vienna in July.

Publication: 'Some Post-Columbian Whistling Jars from Peru', *Proceedings of the Thirty-third Congress of Americanists*.

1. *Exhibits and Stores.* Over half the new Fijian exhibit was complete when Mr Roth died. A second store cupboard was built by Mr Lilley and Mr Allen on top of an existing one in the Bevan Hall, and this has provided sufficient space for Fijian material which is not exhibited.

An exhibit of Maya archaeological material obtained by Mr McKie in British Honduras is being arranged in the Maudslay Hall.

8. *Roman collections*. Miss J. Liversidge, the Honorary Keeper, has been carrying out research on fragments of wall paintings, received for study from Roman sites at Cirencester, Glos, and Flitwick, Beds.

She has published the following:

'A New Hoard of Romano-British Pewter from Icklingham', *Proc. Camb. Antiq. Soc.* I.II (1959), pp. 6-10.

Appendix ii (Painted Wall-Plaster) to 'A Romano-British Villa at High Wycombe', *Records of Buckinghamshire*, xvi (1959), pp. 254-5.

'A New Roman Shale Table-leg', *Antiquaries J.* XL (1960), pp. 72-3.

9. *Duckworth Laboratory* (Osteological Collections). In December 1959 the Director visited Central Europe to study fossil material in Museum collections, including an undescribed skull of Mousterian date in the Karst Institute, Zagreb, Yugoslavia. In the course of this journey he was also able to re-examine the skeleton of *Oreopithecus bambolii* in the Basle Natural History Museum and to add to previously made tape-recordings of the views of Continental scientists on the *Oreopithecus* problem in general. These were presented by him in a symposium on *Oreopithecus* broadcast by the B.B.C. on 15 March 1960. In July and August 1960 he attended the International Congress of Anthropological and Ethnological Sciences in Paris and delivered a congratulatory message on behalf of the Faculty at a meeting held to celebrate the hundred-and-first anniversary of the foundation of the Societe d'Anthropologie de Paris.

During the year reports have been prepared by the Director and Mr D.R. Brothwell on the osteology and odontology of some Mesolithic and Neolithic remains from Gua Cha, Kelantan, Malaya, excavated by Mr and Mrs G.de G.Sieveking. Mr Brothwell and Mr B. Wailes excavated part of a seventh century cemetery on Tean, Isles of Stilly. The objects of this were to try to discover further cases of leprosy in remains from the site (one having been noted in a skeleton found there in 1956), and to add to the small collection of Dark Age remains in the Laboratory, all from Cornwall. More than a dozen skeletons were recovered and are now being studied. Mr C. Wood- Robinson of Sidney Sussex College made a report on the dental pathology of an Egyptian series, which is to be combined with the results of similar research by Mr Brothwell and Mr H. Graham Carr on oral health in Egypt from pre-Dynastic to recent times. Mr C.B.Denston measured a series of Medieval crania and mandibles from Nonesuch Palace excavated by Mr M. Biddle of Pembroke College, carried out an experimental reconstruction of a distorted fossil skull from Lake Rudolf, Kenya, excavated by Dr T. Whitworth, Master of Hatfield College, Durham, and prepared a cast of a Middle Minoan III male skull from Knossos, which has been sent to Professor M. M.Gerasimov of Moscow for reconstruction of the soft parts. Dr B.B.Sarkar of Emmanuel College is working on the long bones of the large series of skeletal remains from the church of St Bride, Fleet Street. When the study of these is complete, the collection will be returned to London for permanent housing in St Bride's, a grant of £1,000 having been made by the Royal Society for such a purpose.

Publications by members of the Laboratory staff or arising out of its collections which appeared during the year are as follows:

Brothwell, D.R., 'A Rare Dental Anomaly in Archaeological Material', *Brit. Dent. J.* 105 (1959), pp. 400-1.

Brothwell, D.R., 'The Use of the Non-metrical Characters of the Skull in Differentiating Populations'. In *Ber. 6. Tag. dtsh. Ges. Anthrop. (Kiel)*, 1958 (1959), pp. 103-9. Gottingen: Musterschmidt.

Brothwell, D.R., 'The Bronze Age People of Yorkshire. A General Survey', *Adv. Sci.* 64 (1960), pp. 311-22.

Brothwell, D.R., 'A Possible Case of Mongolism in a Saxon Population', *Ann. Hum. Genet.* 24 (1960), pp. 141-50.

Brothwell, D.R. and Lisowski, F.P., Appendix iv (Osteological Report) to Gathercole, P.W. and Wailes, B., 'Excavations on Castle Hill, Thurgarton, Nottinghamshire, 1954-5', *Trans. Thoroton Soc.* (1959), pp. 48-55.

Carr, H.Graham, 'Some Dental Characteristics of the Middle Minoans', *Man*, 60 (1960), pp. 119-22.

Denston, C.B., Appendix (The Human Remains) to I. M. Stead, 'The Excavation of Beaker Burials at Staxton, East Riding, 1957', *Yorks. Archaeol. J.* 40 (1959), pp. 137-43.

Tobias, P.V., 'Studies of the Occipital Bone in Africa', *J. R. Anthropol. Inst.* 89 (1959), pp. 233-51; *Z. Morph. Anthropol.* 50 (1959), pp. 9-19; *Hum. Biol.* 31 (1959), pp. 138-61; *Amer. J. Phys. Anthropol.* N.S. 17 (1959), pp. 1-11; *Man*, 60 (1960), pp. 23-5.

Among visitors from abroad were Professor Enver Y. Bostanpi of Ankara, Professor M. Rivero de la Calle of Universidad Central de Las Villas, Cuba, Dr S. Genoves of Mexico City, Dr L. Oschinsky of Ottawa, and Professor P. V. Tobias of Johannesburg.

10. *Prehistoric Archaeology*. Material from several sites was studied and prepared for publication, and two excavations were undertaken to further research on specific points.

The most important were:

(a) *Cotte St Brelade, Jersey*. Dr C. B. M. M<sup>c</sup>Burney visited Jersey to arrange for the packing and selection of specimens from the Mousterian and Late Acheulian levels, and completed formalities and a preliminary field survey preparatory to continuing the work at this important site.

(b) *Haua Fteah, Cyrenaica*. Further radio-carbon age estimates were received; an analysis was carried out of their implications for the sedimentation rate and sequence of isotopic temperature data, and changes in mammalian fauna (see under Prehistoric Animal Remains). A report was prepared for inclusion in the final publication, now nearing completion.

(c) *British Upper Palaeolithic cave deposits*. A report was prepared for the Mendip Nature Research Committee on excavations carried out by Dr M<sup>c</sup>Burney at the Badger Hole, near Wells, Somerset.

Members of the Department under the direction of Dr M<sup>c</sup>Burney excavated the Late Upper Palaeolithic deposits at two Derbyshire cave sites. Mother Grundy's Parlour, Cresswell Crags, and the Ash Tree Cave near Whitwell.

Data and collections from the previous season's field work were analysed and prepared for publication; the material came from three sites in South Wales: Cathole, Gower, the Little Hoyle, Pembrokeshire, and Nana's Cave, Caldey Island.

Carbon samples associated with the Cresswellian culture were obtained from all the sites mentioned above, and were prepared for submission to the Sub-department of Quaternary Research, and the Radio-carbon Laboratory of the British Museum.

(d) *Hurst Fen, Mildenhall, Suffolk*. Preparation of the report on the extensive Neolithic materials, excavated with the aid of the Crowther-Beynon Bequest in 1954, 1957, and 1958, at Hurst Fen, Mildenhall, was completed. This involved statistical analysis of decorated pottery and the associated flint industry.

(e) *Peacock's Farm, Shippea Hill, Cambridgeshire*. A deep cutting was opened up through the Postglacial deposits on the flank of a sand-ridge at Peacock's Farm, Shippea Hill, near Ely, and a satisfactory series of charcoals obtained from the early Neolithic level for radio-carbon analysis. The Neolithic level overlay a well-defined late Mesolithic layer, and it is hoped to obtain important information on chronology, in conjunction with the Sub-department of Quaternary Research.

Publications include:

Higgs, E.S., 'The Excavation of a Late Mesolithic Site at Downton, near Salisbury, Wilts', *Proc. Prehistoric Soc.* xxv (1959), pp. 209-32.

Mace, A., 'The Excavation of a Late Upper Palaeolithic Open-site on Hengistbury Head, Christchurch, Hants', *ibid.* pp. 233-59.

M<sup>c</sup>Burney, C.B.M., 'Report on the First Season's Fieldwork on British Upper Palaeolithic Cave Deposits', *ibid.* pp. 260-9.

11. *Prehistoric Animal Remains*. The preparation of the specimens from Haua Fteah has been completed. Some 13,000 bones from the Middle Palaeolithic to the Classical levels were classified

according to genus, species or bone type, both of wild and domestic animals. The investigation of the bone material aimed mainly at identifying:

- (i) The fauna of Cyrenaica.
- (ii) Climatic variations in Cyrenaica.
- (iii) The entry of domestic flocks and herds into the area.

All were successfully identified; the report will be published.

Reports, to be published in the *Proceedings of the Prehistoric Society*, were completed on the fauna of Hurst Fen and Arretton Down, and on the fauna from Palaeolithic levels of British caves, including a statistical investigation into changes in the rodent population.

Preliminary analyses of faunal remains from a number of archaeological sites were made, in order to develop a technique for the study of the history of domestic animals. This has now begun with the excellent material from the Iron Age site at Barley; it is intended first to establish a basis for the work by comparison with bones from other Iron Age sites.

The collection of comparative material is now reaching useful dimensions; contributions have been gratefully received from Mr M.C.Burkitt, the Rhodes-Livingstone Museum, the Institute of Animal Physiology at Babraham, the Coryndon Museum, and from various private sources and expeditions.

12. *Haddon Library*. Miss Thatcher, the Librarian, reports that during the year 70 books and 30 pamphlets were given, 4 books were obtained by exchange, 124 books were bought and the Library also received the current parts of some 200 periodicals by gift, exchange and purchase. Over half these periodicals come through exchange with the *Proceedings of the Cambridge Antiquarian Society*, for which the Faculty is extremely grateful. Dr Bouquet also gave 12 long playing records of primitive music, a most generous and welcome addition to our small collection. During the calendar year 1959, 5,347 volumes were borrowed.

The Board are indebted for gifts of books and periodicals to:

Akademia Nauk, Kiev	Etnografiska Museet, Gothenborg
Akademia Nauk S.S.S.R., Moscow	Professor M. Fortes
American Museum of Natural History, New York	Dr R. F. Fortune
Archeologicky ustav Slovenskej akademie vied v Brno	Dr D. F. Fraser
Archeologicky ustav Slovenskej akademie vied v Nitra	Dr S. Genoves
Arheoloski murej Istre, Pula	Mrs M. C. Gillett
Professor S. J. Bailey	Dr J. R. Goody
Balfour Library	Dr G. B. Harrison
Dr T. T. Barrow	Professor J. H. Hutton
Mr P. J. van Berckel	Illinois State Museum
Bernice P. Bishop Museum	Mr R. R. Inskeep
Mr M. Biddle	Institute of Ethnology, Academia Sinica, Taiwan
Bihar and Orissa Research Society	Instituto de Antropologia, Universidad de Coimbra
Mr J. A. R. Blacking	Dr M. D. W. Jeffreys
Board of Trade and Conventions of the City of Philadelphia	Dr E. R. Leach
Dr E. Y. Bostançi	Mr P. A. Longton
Dr A. C. Bouquet	Mexico City College
Mr W. C. Bray	Professor S. W. Mintz
Mr D. R. Brothwell	Museum of the American Indian, Heye Foundation, New York
Bulgariska Akademia no Naukite, Sofia	Muzeum Archeologiczne i Etnograficzne w todzi
Mr M. C. Burkitt	Muzeum Pomora Zachodniego, Szczecin
Dr G. H. S. Bushnell	National Academy of Sciences, Washington
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Department of Census and Statistics, Union of S. Africa	Raffles Museum, Singapore
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Director of Antiquities, Colombo	Dr D. F. Roberts
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M. Fortes	P. RICKARD	JOAN LIVERSIDGE
J.M.C. Toynbee	G. I. JONES	

## APPENDIX

### List of Accessions to THE Museum, 1959-60

- Barfield, Mr L.:* Terramar pottery handles, Modena. Italy (60.75); Neolithic and Chalcolithic potsherds. Yugoslavia (60.76-80).
- Bouquet, Dr A.C.:* Beaded mocassins, Crce Indians, Saskatchewan, Canada (59.513).
- Cambridge Preservation Society:* Collection of Iron Age pottery, ornaments and tools, excavated from the hill-fort, Wandelbury, Cambs (60.81-140).
- Cambridge University Atacama Desert Expedition, 1958:* Stone implements and pottery, Lipez, Laguna Colorada, and Laguna Hedionda, Bolivia (59.503-9).
- Cambridge University Colombian Expedition, 1959:* Collection of domestic gear, weapons, ornaments and musical instruments, Tunebo Indians, East Colombia (59.480-500).
- Clark, Professor J. G. D.:* Core and flake from Neolithic flint mine, Rycksvorsel, Maastricht, Holland (60.357).
- Clifford, Mrs E.M.:* Prehistoric bone tool, Witcombe, Glos (59.478).
- Crowther-Beynon Fund (collected E.W.McKie):* Collection of material from British Honduras: pottery, querns and stone implements, from the excavation of the Maya site at Xunantunich (60.195-297); Maya pottery, Rio Frio caves (60.174- 90); Maya sherds and worked stone objects, Pomona (60.191- 4); modern Indian spindle, quern and grinding stones, Soccotz (60.298-9).
- Fortes, Professor M.:* Candelero and fragments of painted plaster, Teotihuacan, Mexico (60.62); two strips of cloth, Ghana (60.153).
- Gonzalez, Dr A. Rex:* Stone implements, Argentina (59.510-12).
- Grierson, Mr Philip:* Iron Age pin and ring. County Mayo, Ireland (60.172).
- Haddon, Mr E.B.:* Model outrigger canoe and fishing rod. Ellice Islands (59.501).
- Hemp, Mr W.J.:* Neolithic flint axe, Shelley, Suffolk (60.358); stone axe, Brazil (60.359); Roman bronze cart fitting (60.360).
- Hickin, Miss M.:* Late Bronze Age pottery and swan's neck pin from burials, Grantchester. Cambs (60.145-50).
- Inskip, Mr R.R.:* Type series of nineteenth-century beads and Iron Age pottery, N'kudzi Bay, Lake Nyasa (60.30-46); type series of Iron Age pottery. Lion Kop and Kalomo, N. Rhodesia (60.47-8); type series of beads and Iron Age pottery. Van Niekerk's cemetery. Northern Rhodesia (60.49- 56); Lupemban stone industry, Kanda Kumbe, Belgian Congo (60.300); casts of barbed bone points. Gamble's cave and Lake Rudolf, Kenya (60.355-6).
- Ipswich Museum:* Old Stone Age stone tools, S. Africa and S. Rhodesia (60.301-2); stone tools. Kenya: Elementeita (60.303-4), Ologcsailie (60.305), Kavirondo (60.306); Sangoan stone tools, Kagera district, Uganda (60.307-12); Lower Palaeolithic tools from various sites in Herts, Surrey, Kent, Berks, Hants, Essex, Middlesex and Wilts (60.313-19, 328-36, 340-8); flint industry from lower and middle gravels, Swanscombe, Kent (60.320-7); hand-axes, Boyn Hill, Redlands and Furze Platt, Maidenhead, Berks (60.337-9); "Thames picks", Berks, Middlesex and Surrey (60.349); Neolithic flint tools, Eastbourne, Sussex (60.350-1); Levallois flakes, Somme valley, France (60.352-4).
- Jones, Mr G.I.:* Two blankets. Northern Sahara (60.162).
- Jones, Mrs H. M.:* Textile, Chile (59.519); bark cloth karross, Rhodesia (60.161).
- Rennet, Mrs:* Iron coffee spoon for ordeals, Egypt (59.502); Bronze Age bowl, Vounous, Cyprus (60.29).
- Leakey, Mrs M.D.:* 'Dimple base' pottery, Kavirondo, Kenya (60.57-61).
- Lefroy, Mr C. Maxwell:* Bronze drum, Kayah, Burma (59.477).
- Lenox-Conyngham, Miss:* Metal vessels and silk bag. India; gong, Burma (59.514-17).
- M<sup>c</sup>Burney, Dr C.B.M.:* Palaeolithic flint implements, Libya (60.71-4, 160).
- Munn-Rankin, Miss M.:* Acheulean hand-axe, Bournemouth, Hants (60.141).
- Pembroke College, the Master and Fellows:* Collection of amulets, figurines and pottery, Egypt (60.163-9).
- Priestley, Mrs Jacquetta:* Stone implements. Kangaroo Island, Australia (60.154).
- Pullen, Mr S.L.:* Neolithic flint axe, Landbeach, Cambs (59.479).
- Purchased:* Pottery vessels. Peru (60.63-8).
- Rose, Mr P.:* Shell adze, Ellice Islands (59.518).
- St Andrew's University Museum:* Basuto hat, S. Africa (60.142); Kikuyu bangle, Kenya (60.143); skirt. Nigeria (60.144); 'gamilan' percussion instrument, Siam (60.361).
- Saltmarsh, Mr E. F.:* Collection of Romano-British pottery, excavated from well, Exning, Suffolk (60.1-28).
- Sergeant, Professor R.B.:* Stone censer, Hadramaut, S. Arabia (60.152).
- Smith, Mr A. J. Hugh:* Stone alpaca. Peru (60.69); pottery figurine head, Ecuador (60.70).
- Tebbutt, Mr C.F.:* Pottery from a wheelhouse, Barra, Outer Hebrides (60.159).
- Thompson, Mr J.Eric S.:* Late Classic Maya vessel, British Honduras (59.476); plumbate effigy vase, Mexico (60.170).
- Trevor, Dr J.C.:* Stone celt. Virgin Islands, West Indies (60.151).
- Trinity College, the Master and Fellows:* Twelfth-eighteenth- century pottery, excavated from site of Angel Court (60.363- 99).
- Wilkerson, Mr J. C.:* Romano-British pottery from cemetery, Barley, Herts (60.158).
- Zoology, Department of:* Pottery spindle-whorls and figurines. Cyprus (60.155-6); palstave (60.157).