

Notice of Annual General Meeting and Annual Address

The 167th Annual General Meeting will be held in the Flett Lecture Theatre, Natural History Museum, London SW7 5BD, on Wednesday, 16th April, 2014 at 4.00 pm. The Annual Report of Council will be presented, along with Income and Expenditure Accounts for the year ended 31st December 2013, and Council Members and Officers will be elected for the ensuing year. Tea and coffee will be available from 3.30 pm in the foyer of the Flett Lecture Theatre. This meeting is open to all members of the Society.

The AGM will be followed by the Society's Eighth Annual Lecture, to be given by Mr. Richard P. Edmonds (Jurassic Coast World Heritage Site Team, County Hall, Dorchester, Dorset) on "The Jurassic Coast; fossils, history, value and management". The event will be held in the Flett Lecture Theatre, Natural History Museum, Cromwell Road, London, SW7 5BD at 4.15 pm. This event is open to members of the Society and other interested parties.

NEWSLETTER 30

1 Publications: Volume 167 will be published in the first quarter of 2014.

Vol. 167, 2014 (for 2013)

- 640. Late Ordovician ostracods of the Girvan District, south-west Scotland, by Mohibullah Mohibullah, Mark Williams and Jan Zalasiewicz.
- 641. Lower Jurassic Foraminifera from the Llanbedr (Mochras Farm) Borehole, North Wales, UK, by P. Copstake & B. Johnson.

The Editors welcome suggestions for new titles and would also be grateful for manuscripts that represent concluding or additional parts of ongoing, unfinished monographs.

2 Subscriptions for 2014 were considered due on 1st January 2014 and will entitle subscribers to Volume 168. Individual subscriptions are £35.00. Institutional subscriptions are £135.00, though if paid through an agency are £260.00. The Student rate remains at half the individual rate, £17.50. There is a surcharge of £1.50 when subscriptions are paid through PayPal.

Subscriptions can be sent to Dr. T. McCormick, The Treasurer, c/o British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, NG12 5GG, United Kingdom (cheques, drawn on a UK bank, should be made payable to 'The Palaeontographical Society'). A subscription renewal form for 2014 (Volume 168) will be enclosed with the forthcoming mailing of Volume 167. If a replacement is required please download one from the Society website or contact the Treasurer.

The Society also accepts credit card payments for subscriptions and renewals via PayPal. If you wish to pay via this method please follow the instructions on the 2014 subscriptions form or visit the Society's website (www.palaeosoc.org).

The Treasurer maintains the membership list and prepares the distribution list for each volume of monographs. Any enquiries concerning subscriptions or methods of payment should be directed to the Treasurer. His e-mail address is tmcm@bgs.ac.uk.

3 The Society's Web Site (www.palaeosoc.org) and Online Shop continue to be an effective tool for posting new information on the Society (including progress reports for Palaeontographical Society Research Grants and other announcements), and for selling Society publications and enabling credit card payments for membership renewals. To obtain the member's discount from the online shop, a password is required. If you have not already registered your e-mail address with us and have yet to be issued with your personal password, please contact Dr. A. Butcher (anthony.butcher@port.ac.uk), who will be pleased to issue you with one.

4 Research funds: The Palaeontographical Society Research Fund scheme was renamed the Richard Owen Research Fund from 2012. It aims to provide awards in the region of £500 for research on the UK fossil flora and fauna. Please see the website or contact the Secretary (Steve.Donovan@naturalis.nl) for further information. The next closing date for applications is 28th February 2014 and the successful applicant(s) will be announced at the AGM. One grant was awarded in 2013:

J. Sassoon (University of Bristol). Description and phylogenetics of a new pliosaurid from Peterborough, UK and its implications for the taxonomy of "*Pliosaurus*" *andrewsi* and other Oxford Clay pliosaurs.

A report on this project appears below, on pages 3 and 4 of this Newsletter.

5 The Edward Forbes Prize: The Society invites applications for the Edward Forbes Prize, which aims to recognise outstanding contributions by early career researchers in the field of taxonomic and systematic palaeontology (encompassing invertebrates, vertebrates, palaeobotany and microfossils). The Prize, which is to be awarded for publication excellence, comprises £250 and a one-year membership of the Society. The Prize will be awarded at the Society's Annual General Meeting each year. Full criteria for eligibility are posted on the Society's website.

The award for 2013 was to Mr. J. Keating (University of Bristol) for his paper:

Keating, J.N., Sansom, R.S & Purnell, M.P. 2012. A new osteostracan fauna from the Devonian of the Welsh Borderlands and observations on the taxonomy and growth of Osteostraci. *Journal of Vertebrate Paleontology*, **32**, 1002-1017.

We invite submissions for the 2014 award on the basis of any eligible article that was published in 2013. Applications should be addressed to the Secretary, Dr. Steve Donovan (Steve.Donovan@naturalis.nl), and must be received by the closing date of 28th February 2014. The decision of the Prize Committee will be announced at the Society's AGM. The successful applicant will be informed in advance, so that they may attend the meeting if they wish.

6 The Palaeontographical Society Medal. Council has instigated a biannual award, the Palaeontographical Society Medal, which is intended to recognise a sustained and important series of contributions to taxonomic and systematic palaeontology. In particular, the Society seeks to honour those who have made an exceptional contribution to the micropalaeontology, palaeobotany, or invertebrate or vertebrate palaeontology of the British Isles, including those who have applied these data to solve problems of palaeogeography, palaeoecology and phylogeny. Recipients will not be limited to palaeontologists based in the British Isles, although it is anticipated that this region will form an important element of their research programme.

The Council of the Society welcomes nominations and suggestions for future recipients of the Medal. Please contact the Secretary at Steve.Donovan@naturalis.nl. The first award will be made at the Annual General Meeting in April 2014.

7 Discount rate on backstock for Members and Authors: Individual Members are reminded that they are entitled to a discount of at least 50% on the purchase of one copy of any backstock and reprinted editions where available. This discount is available via the website when using your member login details. Authors are entitled to receive a 75% discount on backparts of monographs they contributed to. If authors wish to purchase backstock they should contact the Treasurer (tmcm@bgs.ac.uk).

8 Society Archives: Members of the Society wishing to view the archives of the Palaeontographical Society should write to the Secretary (Steve.Donovan@naturalis.nl).

9 Annual Address: The subject of the Eighth Annual Address is "The Jurassic Coast: fossils, history, value and management". This year's speaker is Mr. Richard P. Edmonds, of the Jurassic Coast World Heritage Site Team in Dorset.

Abstract: The Jurassic Coast: fossils, history, value and management

Richard Edmonds, Earth Science Manager, Jurassic Coast World Heritage Site Team, C/O Dorset County Council, County Hall, Colliton Park, Dorchester DT1 1XJ

The Dorset and East Devon coast was designated as a World Heritage Site in 2001 on the grounds that it contains the most complete and continuous exposure of sedimentary rocks through the Mesozoic anywhere in the world. Those rocks record virtually one third of the evolution of life including the age of the reptiles. These interests are maintained by erosion which itself forms the third element of the Outstanding Universal Value of the Site, being superlative examples of coastal processes from spectacular landslides to a barrier beach, and erosion along a concordant and discordant coast. The principle threat to the site is the construction of coastal defences, and we support Natural England and work closely with coastal engineers to try to find pragmatic solutions where potential conflicts do arise.

The second area of work is the management of the fossil collecting interest along the coast. There is a long history of collecting, and collectors have, and continue to, demonstrate their invaluable role in the recovery of fossils from the very process that exposes them, erosion. The fossils, particularly in West Dorset, are also a fabulous and sustainable resource to engage and excite the public in the Earth sciences, and places such as the Charmouth Heritage Coast Centre and Lyme Regis Museum run regular and extremely popular guided walks which are enthusing younger generations.

Our approach to collecting is based on the national guidance provided by Natural England, one of responsible collecting. We have developed that approach through the West Dorset fossil collecting code of conduct and also benefited from Heritage Lottery funded projects such as Collecting Cultures, which has helped enhance museum collections and secure specimens of great scientific importance. Our approach is not perfect and we do not claim that it is. The main issues is the acquisition of specimens of key scientific importance and this relates to funding, capacity within museums and differing ambitions between those parties involved, and this will form the major part of the presentation.

10 Meetings: The Society is a sponsor of the Lyell Meeting, which will be held in the Meeting Room of the Geological Society (Burlington House) on Wednesday, 12th March, 2014. This year's Lyell Meeting is being convened by Drs Silvia Danise (Plymouth University) and Crispin Little (University of Leeds), and is entitled: "Deep sea chemosynthetic ecosystems: where they are found, how they work and what they looked like in the geological past".

The Society is also a sponsor of a one-day meeting to celebrate the 150th anniversary of the birth of Sir Arthur Smith Woodward, entitled "Fossil Fishes and Fakes". The meeting will take place on Wednesday, 21st May, 2014, in the Flett Lecture Theatre, the Natural History Museum, London, starting with registration at 9.30 a.m. Attendance is free, but registration is necessary. Full details can be found on the Natural History Museum website.

11 Cambridge University Press reprints. The Society has signed an agreement with Cambridge University Press (CUP), who

intend scanning the backstock of the Society for 1849-c. 1920, supplemented from other sources to fill any gaps. These will be organised into monographs and issued (print on demand) as joint CUP/Society publications. This arrangement promises many potential benefits for the Society and its members. Out of print monographs will again be available and will be obtainable at a 50% discount to members through a link from the Society's website to CUP. Publication will raise a small amount of royalties for the Society. A pdf of each monograph will be available for the Society's archives (CUP will retain copyright for these pdfs). The logo and name of the Society will be prominently displayed on these publications.

12 Nominations for Council: The Palaeontographical Society is open for nominations to council for 2014–17. The council meets twice a year and is responsible for overseeing the running of the Society and for providing guidance on how it can best serve its membership's needs. Any member of the Society can nominate a candidate, and names will be considered at the AGM. Members should nominate a candidate by sending an email to the Secretary (Steve.Donovan@naturalis.nl) together with a statement from the candidate that he/she is willing to be considered.

13 Behind-the-scenes at the Natural History Museum, London: Depending on demand, the Society will arrange one or more behind-the-scenes tours in the Department of Earth Sciences, the Natural History Museum, London, in June 2014. This event is rearranged from 2013. Further details will be posted on the Society's website.

14 Financial advisor: Council is still seeking an individual from among the membership who has past experience in investments management and who would be willing to offer the Society informal advice on financial matters. Please contact the Treasurer (tmcm@bgs.ac.uk) if you would be interested in taking on such a role.

15 New members: We extend a warm welcome to the following recent new members of the Society: Nicholas Cottard, Susan Evans, Fiona Fearnhead, Paul Kenrick, Pol O'Connor-Pryor, Iain Picton, Frank Rudolph, Judyth Sassoon, David Smith, Ian Stuart and Jon Trevelyan.

16 Newsletter: If in future you would prefer to receive this newsletter and the Annual Report in electronic form (rather than hardcopy) please send your details to Steve Donovan (Steve.Donovan@naturalis.nl).

S. K. Donovan
Secretary
January 2014

c/o Department of Geology,
Naturalis Biodiversity Center,
Postbus 9517,
2300 RA Leiden, THE NETHERLANDS.

PALAEONTOGRAPHICAL SOCIETY RESEARCH FUND REPORTS

Description and phylogenetics of a new pliosaurid from Peterborough, UK and its implications for the taxonomy of "*Pliosaurus*" *andrewsi* and other Oxford Clay pliosaurs

Dr. Judyth Sassoon
School of Earth Sciences, University of Bristol, Queen's Road, Bristol, BS8 1RJ
E-mail: js7892@bristol.ac.uk

Pliosaurids are an ecologically important group of Mesozoic marine predators, with a large-headed, short-necked body plan and an extensive range of sizes, attaining extreme lengths of <12 m. They had a global distribution and occupied the top tiers of marine ecosystems for 110 Ma (Early Jurassic to Cretaceous-Maastrichtian) (Benson *et al.*, 2010; Ketchum & Benson, 2010). Pliosaurids are abundant among British fossils from the Middle–Late Jurassic Oxford and Kimmeridge Clay formations. An especially high diversity is found, at both genus and species level, within the late Middle Jurassic (Callovian) Peterborough Member of the Oxford Clay Formation (Andrews, 1913). This includes historical material collected from the 19th and early 20th centuries (e.g., Seeley, 1869; Phillips, 1871).

The first pliosaurids ever described were from the Oxford Clay Formation and included *Plesiosaurus philarchus* [*sic*] (later referred to *Peloneustes*; Lydekker, 1889), *Pliosaurus evansi* and *Pliosaurus pachydeirus* (Seeley, 1869). The first significant pliosaur cranial material to be figured was a mandible of *Pliosaurus grandis* (Phillips, 1871; now *Pliosaurus andrewsi*; Andrews, 1913; Tarlo, 1960). Culturally iconic taxa such as the giant *Liopleurodon ferox* are also from the Oxford Clay Formation. Many of these historic taxa are now no longer valid. To date, descriptions of Oxford Clay pliosaurs are mostly from the exceptional collection of Alfred Leeds (Leeds, 1956), and almost entirely from a small number of horizons in the *Kosmoceras jason* Biozone (Martill, 1985). Oxford Clay Formation material from other collections remains undescribed, and new taxa from other biozones suggest unappreciated temporal and geographic diversity (Ketchum & Benson, 2011a, b). Substantial taxonomic and descriptive work remains to be undertaken to elucidate the anatomy of these specimens, and their significance for pliosaurid phylogeny and evolution.

There are currently five valid species of Callovian pliosaur (Ketchum & Benson, 2011a, b): *Liopleurodon ferox*, *Simolestes vorax*, *Peloneustes philarchus*, *Pachycostasaurus dawni* and *Marmornectes candrewsi*. "*Pliosaurus andrewsi*" (BMNH R3891) is no longer considered among them. The taxon was initially erected by Tarlo (1960) based on material described by Andrews (1913) and assigned to *Pliosaurus* on account of its apparent similarities with *Pliosaurus brachydeirus* (OUMNH J.9245). Recent work has revised the whole of the genus *Pliosaurus* (Benson *et al.*, 2013; Knutsen, 2012) and phylogenetic analysis did not recover "*P. andrewsi*" within, nor as a sister taxon to, *Pliosaurus* (Ketchum & Benson, 2010). Later, Druckenmiller & Knutsen (2012) recovered "*P. andrewsi*" within the Brachaucheninae while the revised taxonomy of Benson &

Druckenmiller (2014) determined “*P. andrewsi*” to be a sister taxon to the Brachacheninae, within the newly erected clade Thalassophonea.

The initial purpose of this project was to provide a description of a previously unknown Callovian pliosaurid. CAMSM J63532-J63671 is a small pliosaurid, originating from a brick pit in the vicinity of Whittlesea (now Whittlesey), Cambridgeshire, UK [NGR TL 271 967]. It was discovered in the early 1900s by Sedgwick Museum curator Henry Keeping, but otherwise its origins and provenance remains obscure. It is well preserved, rich in anatomical detail and comprises most of the skull, mandible, teeth, vertebrae, ribs, partial pectoral girdle, pubes, humeri, femora and a near-complete paddle. Stomach contents, consisting primarily of small fish bones, small gastroliths, and a considerable amount of sand and grit have also been preserved as a dark oily layer associated with thoracic ribs.

Anatomical studies have shown that both CAMSM J63532–J63671 and BMNH R3891 differ from all the currently valid Oxford Clay Formation specimens, but are themselves remarkably similar. Both specimens are mesorostrine pliosaurids (distinct from longirostrine *Pliosaurus*, *Marmornectes*, *Liopleurodon* and *Peloneustes*) of medium size (skull length about 1 m). The lateral rostral margins of the skull does not expand anteriorly (“spatulate” expansion), as in *Peloneustes* and the brevirostrine *Simolestes*. They are distinguished from *Pachycostasaurus* by the number of premaxillary and symphyseal teeth. All teeth are subcircular in cross section, with longitudinal enamel ridges and a notably similar pattern of extreme tooth wear. In some cases the teeth are worn down to a blunt stump and might suggest a rather specialised diet. The propodials closely resemble those of *Marmornectes*, but cranial features merit a generic separation from all other known Oxford Clay Formation species. The similarities between BMNH R3891 and CAMSM J63532–J63671 require the erection of a new genus.

Identification of the Whittlesea specimen and “*P. andrewsi*” as belonging to the same, new genus (and probably the same species) has provided data which is currently being used to revise the phylogeny of the Oxford Clay Formation pliosaurids. I am currently writing up these results for publication.

I gratefully acknowledge the financial support of the Palaeontographical Society, which enabled visits to the collections of the Sedgwick Museum and NHM. I thank Matt Riley and the staff of the Sedgwick Collection, and Sandra Chapman (NHM) for allowing access to specimens, and for all their assistance during my visits. I thank my colleagues and co-authors, Roger Benson and Leslie Noè, for their advice and discussions.

REFERENCES

- ANDREWS, C.W. 1913. *A Descriptive Catalogue of the Marine Reptiles of the Oxford Clay: Part II*. British Museum (Natural History), London.
- BENSON, R.B.J., BUTLER, R.J., LINDGREN, J. & SMITH, A.S. 2010. *Proceedings of the Royal Society, London*, **B277**, 829-834.
- BENSON, R.B.J. & DRUCKENMILLER, P.S. 2014. *Biological Reviews*, **89**, 1-23.
- BENSON, R.B.J., EVANS, M., SMITH, A.S., SASSOON, J., MOORE-FAYE, S., KETCHUM, H.F. & FORREST, R. 2013. *PLoS One*, **8**, e65989. Doi: 10.1371/journal.pone.0065989.
- DRUCKENMILLER, P.S. & KNUTSEN, E.M. 2012. *Norwegian Journal of Geology*, **92**, 277-284.
- KETCHUM, H.F. & BENSON, R.B.J. 2010. *Biological Reviews*, **85**, 361-392.
- KETCHUM, H.F. & BENSON, R.B.J. 2011a. *Palaeontology*, **54**, 639-665.
- KETCHUM, H.F. & BENSON, R.B.J. 2011b. *Special Papers in Palaeontology*, **86**, 109-129.
- KNUTSEN, E.M. 2012. *Norwegian Journal of Geology*, **92**, 259-276.
- LEEDS, E.T. 1956 *The Leeds Collection of Fossil Reptiles from the Oxford Clay of Peterborough*. British Museum (Natural History), London and Basil Blackwell, Oxford.
- LYDEKKER, R. 1889. *Catalogue of the Fossil Reptilia and Amphibia in the British Museum, Part II. Containing the Orders Ichthyopterygia and Sauropterygia*. British Museum (Natural History), London.
- MARTILL, D.M. 1985. *Philosophical Transactions of the Royal Society*, **B311**, 155–165.
- PHILLIPS, J. 1871. *Geology of Oxford and the Valley of the Thames*. Clarendon Press, Oxford.
- SEELEY, H.G. 1869. *Index to the Fossil Remains of Aves, Ornithosauria, and Reptilia: Woodwardian Museum of the University of Cambridge*. Deighton, Bell & Co., London.
- TARLO, L.B. 1960. *Bulletin of the British Museum (Natural History)*, Geology, **14**, 147-189.

CATALOGUE OF MONOGRAPHS
PUBLISHED OR COMPLETED SINCE 2008

Volume 166 (for 2012) published November 2012 (£240):

638. **Donovan, S.K., Widdison, R.E., Lewis, D.N. & Fearnhead, F.E.** The British Silurian Crinoidea, Part 3, addendum to Parts 1 and 2, Camerata and columnals. 135-259, pls 37-62, final part. £115.00.
639. **Smith, A.B. & Wright, C.W.** British Cretaceous Echinoids, Part 9, Atelostomata, 2. Spatangoida (2). 635–754, pls 210-253, final part. £125.00.

Volume 165 (for 2011) published December 2011 (£230):

637. **Evans, D.H.** The Lower Ordovician cephalopod faunas of the Durness Group, north-west Scotland (Complete). 131 pp., pls 1–15. £140.00.
636. **Lamsdell, J.C.** The eurypterid *Stoermeropterus conicus* from the Lower Silurian of the Pentland Hills, Scotland (Complete). 84 pp., pls 1–15. £90.00.

Volume 164 (for 2010) published December 2010. £230, complete.

- 635 **Donovan, S.K., Widdison, R.E., Lewis, D.N. & Fearnhead, F.E.** 2010. The British Silurian Crinoidea. Part 2, Addendum to Part 1 and Cladida. 47–133, pls 7–36. £105.00.
- 634 **Hooker, J.J.** 2010. The mammal fauna of the early Eocene Blackheath Formation of Abbey Wood, London (Complete). 162 pp., pls 1–4. £125.00.

Volume 163 (for 2009) published December 2009. £210, complete:

- 633 **Edmunds, M.** 2009. A revision of the Lower Jurassic ammonite genus *Eoderoceras* Spath and its immediate descendants and other relatives (Complete). 89 pp., pls 1–40. £140.00.
- 632 **Donovan, S. K., Lewis, D. N., Fearnhead, F. E. & Widdison, R. E.** 2009. The British Silurian Crinoidea. Part 1, Introduction and Disparida. 1–45, pls 1–6. £70.00.

Volume 162 (for 2008) published December 2008. £210, complete:

- 631 **Brusatte, S. L., Benson, R. B. J. & Hutt, S.** 2008. The osteology of *Neovenator salerii* (Dinosauria: Theropoda) from the Wealden Group (Barremian) of the Isle of Wight (Complete). 75 pp., pls 1-45. £120.00.
- 630 **Smith, A. B. & Wright, C. W.** 2008. British Cretaceous echinoids. Part 8. Atelostomata, 2. Spatangoida (1). 569-635, pls 183-209. £90.00.

Volume 161 (for 2007) published December 2008. £210, complete:

- 629 **Cocks, L. R. M.** 2008. A revised review of British Lower Palaeozoic brachiopods (Complete). 276 pp., pls 1-10. £125.00.
- 628 **Vandenbroucke, T. R. A.** 2008. Upper Ordovician chitinozoans from the British historical type areas and adjacent key sections (Complete). 113 pp., pls 1-31. £85.00.

Volume 160 (for 2006) published February 2008. £200, complete:

- 627 **Sadleir, R., Barrett, P. M. & Powell, H. P.** 2008. The anatomy and systematics of *Eustreptospondylus oxoniensis*, a theropod dinosaur from the Middle Jurassic of Oxfordshire, England. (Complete). 82 pp., pls 1-20. £110.00.
- 626 **Nikolaeva, S. V.** 2008. The Carboniferous ammonoids from the Gilbertson Collection described by John Phillips. (Complete). 70 pp., pls 1-17. £90.00.

PALAEONTOGRAPHICAL SOCIETY

Established 1847

Registered Charity No. 228372

ANNUAL REPORT FOR 2012–13

Volume 167 for 2013 will appear in early 2014.

The Palaeontographical Society exists for the purpose of figuring and describing British fossils. It publishes monographs to this end; these may be restricted geographically, stratigraphically or palaeontologically. Intending contributors may obtain a copy of the Society's 'Notes for Authors' from the Secretary, Editor or directly from the Society website (www.palaeosoc.org).

An Annual Volume is published, consisting of a number of complete monographs or individual part monographs.

Each person subscribing £35.00, each *bona fide* student subscribing half that amount, and each Institution subscribing £135.00 (£260.00 via an agency), is considered a Member of the Society and is entitled to the volume issued for the year to which the subscription relates. Subscriptions are considered due on 1st January of each year. Applications for membership (and renewals) can be completed online (www.palaeosoc.org) or via the Treasurer (tmcm@bgs.ac.uk).

Many monographs are not now available in original print, but some out-of-print monographs have been reprinted. Full details of the reprinted publications may be obtained from the Society website. Many monographs are also available in micro-edition (5x3) as diazo or as silver halide microfiche from Microform Ltd., Main Street, East Ardsley, Wakefield, Yorkshire WF3 2JN.

Published volumes, monographs or individual parts may be obtained through the Society website (www.palaeosoc.org). Members of the Society are entitled to a minimum 50% discount on all publications. Published prices do not include postage and packing.

Thanks to the generosity of the publishers, a set of volumes up to 1972 of the *Treatise of Invertebrate Paleontology*, editor R. C. Moore, is available for Members' reference in the D. M. S. Watson Library, University College, London.

Secretary: Dr. Stephen K. Donovan, Department of Geology, Naturalis Biodiversity Center, Postbus 9517, 2300 RA Leiden, The Netherlands.

February 2014

REPORT OF THE COUNCIL
for the year ending 31st December 2012

Read and adopted at the 166th Annual General Meeting held in the Flett Lecture Theatre of the Natural History Museum on the afternoon of 24th April 2013, Dr Andrew B. Smith, The President, in the Chair.

One volume was published in 2012 (166) for the year 2012, comprising the following parts:

Volume 166 (for 2012) published November 2012, £240, complete.

638. **Donovan, S.K., Widdison, R.E., Lewis, D.N. & Fearnhead, F.E.** The British Silurian Crinoidea, Part 3, addendum to Parts 1 and 2, Camerata and columnals. 135-259, pls 37-62, final part. £115.00.
639. **Smith, A.B. & Wright, C.W.** British Cretaceous Echinoids, Part 9, Atelostomata, 2. Spatangoida (2). 635–754, pls 210-253, final part. £125.00.

During the year, £2773.22 was received from the sales of back-stock held by the Society.

The balance shown in the Statement of Accounts stands at £51245.29. The Income and Expenditure Account for 2012 is annexed.

Three Richard Owen Research Fund awards were made in 2012, to Fiona Fearnhead (The Natural History Museum, London) to study the British Devonian Crinoidea; to Benjamin Moon (University of Bristol) for revision of the British Late Jurassic Ichthyosaur *Ophthalmosaurus*; and to Michael O’Sullivan (University of Portsmouth), for research on pterosaurs in the British Jurassic.

The Society provided support for the Lyell Meeting, entitled “Big Palaeontology”, at Burlington House in March.

The Sixth Annual Address of the Society was delivered by Dr. Mark Sutton (Department of Earth Science & Engineering, Imperial College London) on “Virtual Fossils and the Herefordshire Lagerstätte” on Wednesday, 18th April, 2012 at the Natural History Museum.

Following the Annual General Meeting, held on Wednesday, 24th April 2013, Dr. A.B. Smith retired as President, Dr P.M. Barrett retired as Vice-President, Dr. M.P.A. Howe retired as Treasurer and Dr. D. Loydell retired as Senior Editor. Dr. P.M. Barrett was elected as President, Dr. D. Loydell was elected as a new Vice-President, Dr. T. McCormick was elected as new Treasurer and Dr. Y. Candela was elected as a new Editor. Dr. B. Cox was re-elected as an Editor, Dr M. Munt was re-elected as Marketing Manager and Dr. S.K. Donovan was re-elected as Secretary. Professors R.J. Aldridge and M. Collinson retired from Council. Professor S.E. Evans, Professor P. Kenrick and Dr. T. Dunkley-Jones were elected as a new members of Council.

President	Dr. P.M. Barrett
Vice-Presidents	Professor D.A.T. Harper and Dr D. Loydell
Treasurer	Dr T. McCormick
Secretary	Dr S.K. Donovan
Editors	Dr B. Cox and Dr. Y. Candela
Marketing Manager	Dr M. Munt
Other Members	Dr. A. Butcher, Mr R. Chandler, Dr Tom Dunkley Jones, Professor Susan Evans, Dr. M. Friedman, Professor Paul Kenrick, Dr M. J. Simms.