

## Notice of Annual General Meeting and Annual Address

Due to the resulting Covid pandemic the 174<sup>th</sup> Annual General Meeting will be held as a Zoom Meeting on Thursday, 27th May, 2021, at 4.00 pm. The Annual Report of Council will be presented, along with the Income and Expenditure Accounts for the year ended 31<sup>st</sup> December, 2020, while Council Members and Officers will be elected for the ensuing year. This meeting is open to all members of the Society.

The AGM will be followed by the Society's Fifteenth Annual Lecture, to be given by Professor David A. T. Harper (Durham University) at approximately 4.15 pm. This event is open to members of the Society and other interested parties.

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### NEWSLETTER 37

**1. Publications:** Volume 174 (part 656) was published in September 2020. Volume 174 (parts 657 to 658) are to be published in 2021. These delays have been due to the ensuing Covid pandemic.

**Vol. 174, for 2020**

656. The Ammonoidea of the Upper Chalk, Part 2, by W.J. Kennedy (pp. 113-232, plates 38-65).

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 2021** were considered due on 1<sup>st</sup> January, 2021, and will entitle subscribers to Volume 175. Individual subscriptions are £35.00. The Student rate remains at half the individual rate, £17.50. There is a surcharge of £1.50 when subscriptions are paid through PayPal.

The Palaeontological Society no longer offer Institutional or Agency rates. Institutions will now subscribe through Taylor & Francis at <https://www.taylorandfrancis-renewals.informa.com/info.html>.

You can renew your subscription online at <https://www.palaeosoc.org/site/page/membership/renewals/>. Subscriptions can also be sent to Dr. T. McCormick, The Treasurer, c/o British Geological Survey, Environmental Science Centre, Nicker Hill, 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 2021 is enclosed with this Newsletter. 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 2021 subscriptions form or visit the Society's website ([www.palaeosoc.org](http://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 (Dr Tim McCormick). His e-mail address is [tmcm@bgs.ac.uk](mailto:tmcm@bgs.ac.uk).

**3. The Society's WebSite ([www.palaeosoc.org](http://www.palaeosoc.org))** continues to be an effective tool for posting new information on the Society (including Members of Council, progress reports for Palaeontographical Society Research Grants and other announcements). The Society is also now on Facebook ([facebook.com/ThePalaeontographicalSociety](https://www.facebook.com/ThePalaeontographicalSociety)) and on Twitter ([twitter.com/palaeonto\\_soc](https://twitter.com/palaeonto_soc)). Both can be found through the Palaeontographical Society website.

The Palaeontological Society's online shop has now been closed. The monographs of the Palaeontographical Society can be located and brought from Taylor and Francis via a portal on our website (see also Point 9).

**4. The Richard Owen Research Fund:** The Society aims to provide awards in the region of £500 for research on the UK fossil flora and fauna. Please see our website or contact the Secretary (Dr Nigel R. Ainsworth at [nigelaainsworth@btinternet.com](mailto:nigelaainsworth@btinternet.com)) for further information. The next closing date for applications is 28<sup>th</sup> February, 2021, and the successful applicant(s) will be announced at the AGM. Three grants were awarded in 2020:

Mr J. Benito Moreno (Milner Centre for Evolution, University of Bath). Unravelling modern bird origins: re-evaluating two obscure British fossil birds using computerised tomography.

Mr S. Penn (School of the Earth, Geography and Geoscience, University of Portsmouth). The palaeontology of the Wealden Group of the Western Wessex Sub-basin, Dorset, England.

Dr E. Panciroli (Department of Earth Sciences, University of Oxford) and Dr S. Walsh (National Museums Scotland). Identifying the mystery dinosaur footprint from Scotland.

Reports from the above three research grant proposals will be submitted in the 2022 Newsletter.

**5. The Edward Forbes Prize:** The Society invites applications for the Edward Forbes Prize, which aims to recognize 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 Edward Forbes Prize was presented in 2020 to:

Dr S. W. Evers (University of Freiburg, Switzerland) for his joint publication in *Peer J* (2019, 7:e6811 DOI 10.7717/peerj.6811) entitled the "Anatomy of *Rhinochelys pulchriceps* (Protostegidae) and marine adaptation during the early evolution of chelonoids".

We invite submissions for the 2021 award on the basis of any eligible article that was published in 2020. Applications should be addressed to the Secretary ([nigelainsworth@btinternet.com](mailto:nigelainsworth@btinternet.com)) and must be received by the closing date of 28<sup>th</sup> February, 2021. 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 an award, the Palaeontographical Society Medal, which is intended to recognize a sustained and important series of contributions to taxonomic and systematic palaeontology. It is presented once in any two year period. In particular, the Society seeks to honour those who have made an exceptional contribution to the micropalaeontology, palaeobotany, 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 fourth award was to have been made at the Annual General Meeting in April 2020 to Professor Jennifer A. Clack (University of Cambridge). Most sadly, Jennifer passed away on March 26<sup>th</sup>, 2020, before she could receive the Palaeontographical Society Medal, although the Society had made Jennifer aware of the award before her untimely death. She was an outstanding scientist who will be sadly missed by her family, friends and work colleagues.

It is anticipated that the fifth Palaeontographical Society Medal will be awarded in April 2022. The Council of the Society welcomes nominations and suggestions for future recipients of the Medal. Please contact the Secretary ([nigelainsworth@btinternet.com](mailto:nigelainsworth@btinternet.com)).

**7. Society Archives:** Members of the Society wishing to view the archives of the Palaeontographical Society should write to the Secretary ([nigelainsworth@btinternet.com](mailto:nigelainsworth@btinternet.com)).

**8. Annual Address:** The subject of the Fifteenth Annual Address is "The Brachiopoda: A phylum for all seasons". This year's speaker is Professor David A. T. Harper from the Durham University.

The brachiopods or lampshells form a distinctive and diverse group of marine, mainly sessile, benthic invertebrates with a long and varied geological history dating back to the early Cambrian. Thomas Davidson's classic *Palaeontographical Society* monograph (1850-1886) remains, apart from the *Treatise*, the most comprehensive and beautifully-illustrated reference work on brachiopods past and present. To date, over 12,000 fossil species and approximately 350 living species have been reported belonging to nearly 6,000 genera. They range in size from the tiny acrotretides, a few microns in length, to the massive gigantoproductids, nearly 0.5 m wide. Despite their minimalist metabolism, requiring little food and oxygen, the phylum adopted a huge range of morphologies and wide range of ecological strategies during a history of nearly 600 million years. The majority of brachiopod life modes were already functional in Cambrian faunas, and these were adapted and adopted by post-Cambrian taxa as the phylum evolved. It endured five major extinction events and during subsequent survival and radiation phases, some taxa thrived whilst others declined and many disappeared. Brachiopods were, nevertheless, resilient to climate and environmental change, a phylum for all seasons.

**9. Change to the Publication of the Monographs:** The Palaeontological Society self-published the monograph series since its inception, but in order to broaden their distribution and to ensure the continued financial health of the Society, the Society entered into a new partnership with Taylor & Francis, commencing in 2018. Taylor & Francis will print and distribute the monographs, but the Society will retain copyright and editorial control over content. The resulting product looks essentially the same, but will also be available in PDF format, as well as print. Members will receive a print copy by default and access to the monographs via Taylor & Francis' online platform. In addition, we have increased the numbers of issues from two to three each calendar year. An earlier agreement regarding the reprinting of out-of-print monographs, which was conducted in conjunction with Cambridge University Press, has been terminated.

Monographs of the Palaeontological Society are located on the Taylor & Francis website at <http://www.tandfonline.com/toc/tmps20/current>.

**10. Nominations for Council:** The Palaeontographical Society is open for nominations to serve on Council for 2021–2024. 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 the needs of the membership. Any member of the Society can nominate a candidate and names will be considered at the AGM. Members can nominate a candidate by sending an e-mail to the Secretary ([nigelainsworth@btinternet.com](mailto:nigelainsworth@btinternet.com)) together with a statement from the candidate that he/she is willing to be considered. A proposer and seconder are required, who must be current members of the Society.

**11. New members:** We extend a warm welcome to the following recent new members of the Society: Neil D. L. Clark, Susan Evans, Serjoscha Evers, Juan Benito Moreno, James B. Prout, Imran Rahman and Vivian Stevens.

N.R Ainsworth  
Secretary  
January 2021

c/o 39 De Tany Court,  
St. Albans,  
Hertfordshire,  
AL1 1TU.

CATALOGUE OF MONOGRAPHS  
PUBLISHED OR COMPLETED SINCE 2014

Volume 174 (for 2020) published September 2020:

656. **Kennedy, W.J.** The Ammonoidea of the Upper Chalk, Part 2, 113-232, pls 38-65.

Volume 173 (for 2019) published August 2019:

653. **Hodges, P.** The Early Jurassic Bivalvia from the Hettangian and Lower Sinemurian of south-west Britain, Part 3, 113-143, pls. 11-14.

Volume 173 (for 2019) published November 2019:

654. **Kennedy, W.J.** The Ammonoidea of the Upper Chalk, Part 1, 1-112, pls. 1-37.

Volume 173 (for 2019) published December 2019:

655. **Slipper, I.J.** Ostracoda from the Turonian of south-east England, Part 1, 1-75, pls. 1-9.

Volume 172 (for 2018) published March 2019:

651. **Perrier, V., Siveter, D.J., Williams, M. & Palmer, D.** British Silurian myodocope ostracods, 1-64, pls. 1-17.

Volume 172 (for 2018) published April 2019:

652. **Cocks, L.R.M.** Llandovery brachiopods from England and Wales, 1-262, pls. 1-41.

Volume 172 (for 2018) published November 2018:

650. **Moon, B.C. & Kirton, A.M.** Ichthyosaurs of the British Middle and Upper Jurassic. Part 2, Brachypterygius, Nannopterygius, Macropterygius and Taxa invalida. 85-176, pls. 31-40.

Volume 171 (for 2017) published November 2017 (£280.00):

648. **Wright, C.W. & Kennedy, J.** The Ammonoidea of the Lower Chalk, Part 7, final part. 461-562.  
649. **Hodges, P.** The Early Jurassic Bivalvia from the Hettangian and Lower Sinemurian of south-west Britain, Part 2. 65-111, pls. 7-10.

Volume 170 (for 2016) published November 2016 (£280.00):

646. **Smith, A.B.** British Jurassic regular echinoids, Part 2, Carinacea. 69-176, pls. 42-82, final part.  
647. **Moon, B.J. & Kirton, A.M.** Ichthyosaurs of the British Middle and Upper Jurassic, Part 1, Ophthalmosaurus. 1-84, pls. 1-30.

Volume 169 (for 2015) published November 2015 (£260.00):

644. **Smith, A.B.** British Jurassic regular echinoids, Part 1, Cidaroida, Echinothuroida, Aspidodiademata and Pedinoida. 1-67, pls. 1-41. £160.00.  
645. **Wright, C.W. & Kennedy, W.J.** The Ammonoidea of the Lower Chalk, Part 6. 404-459, pls. 125-145.

Volume 168 (for 2014) published October 2014 (£260):

642. **Smith, A.S. & Benson, R.B.J.** Osteology of *Rhomaleosaurus thorntoni* (Sauropterygia: Rhomaleosauridae) from the Lower Jurassic (Toarcian) of Northamptonshire, England (Complete). 40 pp., pls 1-35.  
643. **Donovan, S.K. & Fearnhead, F.E.** The British Devonian Crinoidea. Part 1, introduction and Camerata. 1-55, pls 1-15.

PALAEONTOGRAPHICAL SOCIETY

Established 1847

Registered Charity No. 228372

ANNUAL REPORT FOR 2019–2020

Volume 173, Parts 651 and 652 for 2018 appeared in March, 2019 and April 2019 respectively. Volume 174, Parts 653 to 655 for 2019 appeared between August, 2019 and December, 2019.

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](http://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, 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 1<sup>st</sup> January of each year. Applications for membership (and renewals) can be completed online ([www.palaeosoc.org](http://www.palaeosoc.org)) or via the Treasurer ([tmcm@bgs.ac.uk](mailto:tmcm@bgs.ac.uk)).

Many monographs are not now available in original print. Taylor & Francis are creating a full digital archive of the Monographs, with a number now available via their 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.

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 Nigel R. Ainsworth, 39 De Tany Court, St. Albans, Hertfordshire AL1 1TU, U.K.

January 2021

## REPORT OF THE COUNCIL for the year ended 31<sup>st</sup> December 2019

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Due to the ensuing Covid pandemic the 173<sup>rd</sup> Annual General Meeting and the Society's Fourteenth Annual Lecture which was expected to have been delivered on Wednesday 22<sup>nd</sup> April, 2020, was cancelled.

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Five issues were completed during 2019; comprising the two remaining issues for Volume 172 (from 2018) and three issues for Volume 173 (for 2019).

### Vol. 172, (for 2018) 2019

651. *British Silurian Myodocope Ostracods*, by V. Perrier, D.J. Siveter, M. Williams & D. Palmer (pp. 1-64, pls. 1-17).
652. *Llandovery Brachiopods from England and Wales*, by L.R.M. Cocks (pp. 1-262, plates 1-41).

### Vol. 172, 2019

653. The Early Jurassic Bivalvia from the Hettangian and Lower Sinemurian of south-west Britain, by P. Hodges (pp. 113-143, plates 11-14).
654. The Ammonoidea of the Upper Chalk. Part 1, by W.J. Kennedy (pp. 1-112, plates 1-37).
655. Ostracoda from the Turonian of South-east England. Part 1, I.J. Slipper (pp. 1-46, plates 1-9).

One Richard Owen Research Fund award was made in 2019, to Paul M. Barrett and Susannah C.R. Maidment (The Natural History Museum, London) to study the Late Jurassic Osteology and Interrelationships of *Cumnoria prestwichii* (Ornithischia, Ornithipoda). The Edward Forbes Prize was awarded to Ben Moon (University of Bristol) for his joint publication entitled *Ichthyosaurs of the British Middle and Upper Jurassic. Part 2, Brachypterygius, Nannopterygius, Macropterygius and Taxa invalida*", co-authored with Angela M. Kirton.

The Society provided sponsored one meeting this year; Progressive Palaeontology at the University of Birmingham and also contributed to an appeal by the Friends of the Crystal Palace Dinosaurs to build a bridge to the statues so that tours can be run.

The balance shown in the Statement of Accounts stands at £90389.00. The Income and Expenditure Account for 2019 is annexed.

At the Annual General Meeting, held on Wednesday, 24<sup>th</sup> April, 2019, Professor S.K. Donovan was re-elected as President. Professor J. Francis retired as Vice-President. Dr C.J. Buttler was elected as a new Vice-President. Dr N.R. Ainsworth was re-elected as Secretary, Dr T. McCormick was re-elected as Treasurer, Drs Y. Candela and P.R.

Crowther were re-elected as Editors, Dr A. Butcher was re-elected as Web Manager, while Ms E. Bernard was re-elected as Publicity Officer. Drs L McCobb and R. Sansom retired from Council. Drs S. Giles and A. Liu were elected as new members of Council.

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### COUNCIL 2020–2021

<b>President</b>	Professor S.K. Donovan
<b>Vice-Presidents</b>	Professor C.J. Buttler and Professor S. Evans
<b>Treasurer</b>	Dr T. McCormick
<b>Secretary</b>	Dr N.R. Ainsworth
<b>Editors</b>	Dr Y. Candela and Dr P.R. Crowther
<b>Publicity Officer</b>	Ms E. Bernard
<b>Web Officer</b>	Dr A. Butcher
<b>Other Members</b>	Dr N. L. Clark, Dr L. Cotton, Dr S. Giles, Dr A. Liu, Dr E. Panciroli and Dr I. Rahman