



The Palaeontographical Society

Est. 1847

NEWSLETTER 41 2025

Notice of Annual General Meeting and Annual Address

Date: 8th May 2025, at 1.30 pm

Location: Flett Theatre, Natural History Museum, London, SW7 5BD

We would like to welcome you to join us for the 178th Annual General Meeting. The Annual Report of Council will be presented, along with the Income and Expenditure Accounts for the year ended 31st December, 2024, and Council Members and Officers will be elected for the ensuing year. This will be followed by the Annual Address (see below)

The AGM will be followed by a series of short talks by our awardees, and then the Society's Nineteenth Annual Lectures (see below). The AGM and our annual address are open to members of the Society and the interested public.

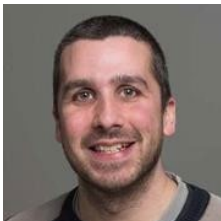
Annual Lectures

PalSoc's Nineteenth Annual Lectures will take place from at 2.30 pm. This year's speakers are:



Professor Sam Giles
University of Birmingham

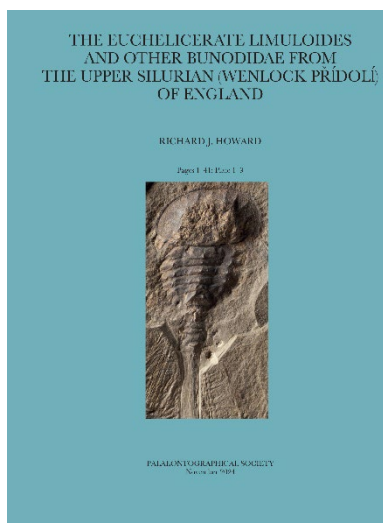
FOSSIL FISH – TBC



Dr Imran Rahman
Natural History Museum, London

FROM WORMS TO STARS: UNCOVERING THE EARLY EVOLUTION OF ECHINODERMS

PUBLICATIONS



Volume 177 (part 667) and Volume 178 (parts 668 and 669) were published in 2024.

Vol. 177, for 2023

667. The Mammals of the Late Eocene – Early Oligocene Solent Group. Part 2, Euarchonta (Nyctitheriidae and Primates), Lipotyphla, Chiroptera, Pseudorhyncocyonidae, Pantolestia, Apatotheria, by J. J. Hooker (pp. 148–290, plates 49–122).

Vol. 178, for 2024

668. British Fossil Cirripedia. Part 1, Introduction. Iblomorpha, Eolepadomorpha, Archaeolepadomorpha and Pollicipedomorpha, by A. S. Gale (pp. 1–104, plates 1–26).

669. The Euchelicerate Limuloides and Other Bunodidae from the Upper Silurian (Wenlock – Prídolí) of England, by R. J. Howard (pp. 1–41, plates 1–9).

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

PALSOC NEWS

Membership Restructure Launched

Since the launch of easy online digital access to monographs provided by Taylor and Francis, and in light of rising production costs, we have restructured membership to allow for a digital only option. Some members have told us that they don't wish to receive a physical copy of the monographs - particularly students and early career researchers. Our new pricing structure allows members to choose whether to receive a physical copy. It has now gone live on our website www.palaeosoc.org/membership/.

Final Stage PalSoc Changing to CIO – Please Vote

At the AGM in 2023 members were asked to vote on the change of the Society to become a Charitable Incorporated Organisation (CIO), in line with most other charities in England and Wales. The proposal was passed. The Council have now completed a new constitution, which has been checked by a lawyer, and we are ready to proceed to the final step. This involves the membership voting to dissolve and reform the Society. Once this is done, we can send the documentation away to complete the process. We aim to complete this at our AGM in 2025. If members cannot join us at the

Subscriptions

Individual subscription
(Digital & Print) = £40.00 per year
Individual subscription (Digital only) = £30
Student rate (Digital only) = £20

Members receive our monograph* and digital access to our back catalogue. Subscribe and renew existing subscription via our website www.palaeosoc.org/membership or by post: Dr. T. McCormick, The Treasurer, c/o British Geological Survey, Nicker Hill, Keyworth, Nottingham, NG12 5GG, United Kingdom.

You can pay via paypal, credit card, or by cheque (drawn on a UK bank) payable to The Palaeontographical Society

Institutions can subscribe through Taylor & Francis at www.taylorandfrancis-renewals.informa.com

For enquiries related to membership and payment, contact Treasurer Dr Tim McCormick tmcm@bgs.ac.uk

*Note: members subscribe to the current/upcoming volume, rather than the issues published in a calendar year.

AGM and want to vote then contact our secretary by the end of April 2025.

The Symposium on Toarcian Palaeobiology

In 2024 The Palaeontographical Society was delighted to sponsor The Symposium on Toarcian Palaeobiology, which took place at the Bath Royal Literary and Scientific Institution (BRLSI) from the 17th to the 20th June. Organising committee member, Meghan Jenkinson (postgraduate researcher at the University of Leeds), wrote a blog for us about the meeting's success, and how the sponsorship funds were used. You can read this on our website in the *News & Blogs* section: www.palaeosoc.org/latest-news

Marsh Palaeoart Award Winners

Our three winners of the second Palaeontographical Society Marsh Palaeoart Award have been decided. Submissions were open from October to November 2024, and we received a fantastic response. Thank you to everyone who submitted.

In a fit of enthusiasm, we announced the winners of last years' Award in our newsletter, ahead of the AGM. This year we will be waiting until the AGM to share the results, which will be in the next newsletter. Join us at the AGM to find out who has bagged this prestigious honour! If you are interested in submitting a piece for the next Marsh Palaeoart Award, submissions will open again in Autumn 2025, keep an eye on our social media and website for updates.



Fossil Boxes for Schools

In 2024 the Society provided £500 to the Herefordshire and Worcestershire Earth Heritage Trust, for their project supplying boxes of fossils to schools as an educational resource. These fossils have been ethically sourced, and the box includes information to aid young people in learning more about palaeontology and geology. They have now delivered over 100 boxes to schools in England and Wales.

The project's organisers are seeking volunteers to be part of the fossil box delivery chain. All of the boxes so far have been hand delivered, minimising the cost of the boxes to sponsors or schools. Being part of the chain doesn't necessarily mean collecting from Herefordshire or Worcestershire and delivering directly to the school, but joining a network of individuals who pass boxes to the next person in the chain. Their current challenges are to get a box to Horsham in Sussex, two boxes to the Bournemouth area, one to Peterborough, one to Rattlesden and one to Marazion in Cornwall. If you who can spare some time to pick up and pass along a fossil box and help foster palaeontology education in schools, please get in touch with Mark Baggott m.baggott@worc.ac.uk, or contact the Palaeontographical Society Secretary for more information.

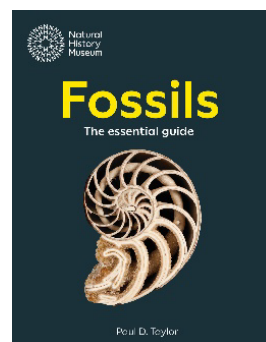
The Skies are Blue on Bluesky

Thousands of individuals, societies and organisations opened accounts on the alternative social networking site, called Bluesky (<https://bsky.app/>). The Society has also started an account there to ensure we reach all of our members and followers across platforms. You can now follow us at <https://bsky.app/profile/palaeontosoc.bsky.social> - hope to see you there!

New Fossil Book by Palaeontographical Society Medal Winner

In 2024, our coveted Palaeontographical Society Medal was awarded to Dr Paul Taylor (Natural History Museum London) (see details in Awards section). This year in February, Dr Taylor will launch his latest book *Fossils: The Essential Guide* (Natural History Museum Press, 2025).

We have obtained a special members-only discount for this beautifully illustrated publication. This will give our members 20% off when purchasing through the NHM shop (www.nhmshop.co.uk/fossils-the-essential-guide.html) until the end of February, so grab your copy now! Code: FOSSIL20



COUNCIL NOMINATIONS AND NEW MEMBERS

Nominations for Council

The Palaeontographical Society is open for nominations to serve on Council commencing 2025. The council meets 2-3 times a year, and is responsible for overseeing the running of the Society, and providing guidance on how it can best serve the needs of the membership. Any member of the Society can nominate a candidate, including themselves. Names will be considered at the AGM, and where more than one person is nominated for the same position, a vote will take place. We are currently seeking the following:

Vice-President
Web Officer
Ordinary Member
Treasurer

To find out more about these roles, visit www.palaeosoc.org/latest-news/seeking-council-members-2025. For information and to nominate a candidate, e-mail our Secretary (secretary@palaeosoc.org). Nominations must include a statement from the candidate that he/she is willing to be considered, and why they are suited to the role. A proposer and seconder are required (both must be current members of the Society) – we can help you with this process.

New Members

We extend a warm welcome to the following recent new members of the Society: Thomas Miller, Jane Reeves, Paul Scofield, Sally Meyer, Jonjo Hughes, Tim Knott, Patrick McDermott, Russell Garwood, Joseph Hubbard, Gary Stevens, Graham Dyer, Anthony Kearsley, Simon Hartley, Eddie Bartlett.

GRANTS AND AWARDS

The Palaeontographical Society Medal

The biannual Palaeontographical Society Medal recognises 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, invertebrate or vertebrate palaeontology of Britain and Ireland, 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. For full details of how to nominate, visit: www.palaeosoc.org/grants-prizes/research-funding-details/

The sixth Palaeontographical Society Medal (2024) was awarded to:



**Dr Paul Taylor (Natural History Museum London),
preeminent expert on fossil and modern bryozoans.**

Dr Paul Taylor is an internationally-recognised researcher of fossil and modern bryozoans. Paul has hundreds of publications to his name, and has acted as a mentor to generations of palaeontologists and invertebrate zoologists. He has served the palaeontological community by actively taking part on the councils of professional groups, including our own.

Paul began publishing with studies on the taxonomy and systematics of Jurassic bryozoans. Throughout his career he has published significant papers on fossil bryozoans from every geological period, as well as crucial studies of modern bryozoan ecology, systematics, phylogeny, and macroevolution.

Paul has introduced numerous innovations into palaeontological research. He developed new

observations about the preservational process of bioimmuration, whereby soft-bodied organisms are preserved in the skeletons of other organisms. Another of his successful research themes is the evolution of marine life in and on hard substrates.

Paul was among the first palaeontologists to compare bryozoan systematics based on morphology with new ideas generated through molecular phylogenetics. He and his zoologist colleagues showed that the new molecular data was often inconsistent with the traditional phylogenetic trees based on form and astogenetic patterns. This work showed there is much to be done to accurately sort out bryozoan evolutionary relationships.

Although this award primarily recognizes significant achievements in the study of the fossil record, Paul has transcended the boundaries between the past and the present of marine life. He has bridged the gap between the oft-separated research cultures of palaeontology and marine biology. Paul not only sees the benefits and essential need to cross disciplines of time, but he communicates, excites, and engages members of both groups. As such, Paul has led many palaeontologists and zoologists into fruitful collaborations that they likely would never have had if he had not gone there first and then invitingly shown everyone the way.

Paul has always been highly encouraging of the research efforts of others, quick to collaborate, and generous with advice and information. Through his links with various universities, he has acted as a co-supervisor to numerous PhD and postdoctoral students and aided others by way of being an unofficial supervisor or advisor. When working internationally Paul collaborates with local palaeontologists, often at the early stages of their careers. These collaborations and the mentoring continue well beyond the time of the original project. His research also informed exhibitions at the Natural History Museum, and he has authored palaeontological books particularly aimed at the public.

Bryozoa are among the most abundant yet least understood groups in the fossil record, and it is not an overstatement to say that research undertaken by Paul during his career has revolutionised the knowledge of this phylum. He is therefore a worthy recipient of the Palaeontographical Society Medal 2024.

The seventh Palaeontographical Society Medal will be awarded in April 2026, and we welcome nominations and suggestions for future recipients any time over the next year. Nominations should include a letter from one or more individuals outlining the reasons for nomination. Please contact the Secretary Dr Elsa Panciroli, at secretary@palaeosoc.org or visit our website for more details, or to submit your nomination.

Richard Owen Research Fund

The Richard Owen Research Fund aims to provide awards of up to £1000 for research on the UK and Ireland fossil flora and fauna. One grant was awarded in 2024:

Jack Lovegrove (Natural History Museum, London), for project *The Early Evolution of Dinosaurs*.

Reports on projects awarded in 2019 and 2023 appear below. The next closing date for applications is 28th February, 2025, and the decision will be announced at the Society's AGM. The successful applicant will be informed in advance, so that they may receive their award in person. Please see our website or contact the Secretary, Dr Elsa Panciroli at secretary@palaeosoc.org, for further information. For full details of how to apply, visit: www.palaeosoc.org/grants-prizes/research-funding-details/

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. The Edward Forbes Prize was presented in 2024 to:

Natalia Jagielska (University of Edinburgh) for their paper: A skeleton from the Middle Jurassic of Scotland illuminates an earlier origin of large pterosaurs. *Current Biology*, 32 (6), 1446-1453.

We invite submissions for the 2025 award on the basis of any eligible article that was published in 2024. Applications should be addressed to the Secretary (Dr Elsa Panciroli at secretary@palaeosoc.org) and must be received by the closing date of 28th February, 2025. 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 in person. For full details of eligibility and how to nominate, visit: www.palaeosoc.org/grants-prizes/research-funding-details/

Marsh Palaeoart Award

The Marsh Palaeoart Award recognises talent in the depiction of fossil fauna and flora, in keeping with the foundational aims of the Society. The award is supported by the Marsh Charitable Trust. Artists can submit up to three works in any medium, including traditional paint, ink, digital, and sculpture. The overall winner will receive £500 + 1 year's membership of PalSoc, and a certificate. Highly commended entries will receive 1 year's membership of PalSoc, and a certificate. The inaugural Marsh Palaeoart Award in 2024 was awarded to:

Overall Winner: Bob Nicholls for *The Primeval Clevedon Bay*

Highly Commended: Júlia d'Oliveira for *Turnersuchus: The Crocodile in the Sea of Belemnites*

Highly Commended: Matt Humpage for *Asteroxylon mackiei: an extinct plant from the Rhynie Chert*

Submissions will open for the 2026 Award in October 2025, and the winners are announced at the subsequent AGM. For full details of eligibility and how to nominate, visit: www.palaeosoc.org/grants-prizes/the-marsh-palaeoart-award/

Newsletter compiled by our **Secretary, Dr Elsa Panciroli, January 2025**

You can contact her about any of the items featured here via our website, or at secretary@palaeosoc.org

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Bluesky: <https://bsky.app/profile/palaeontosoc.bsky.social>

Facebook: www.facebook.com/ThePalaeontographicalSociety

PALSOC RESEARCH FUND REPORTS

OSTEOLOGY AND RELATIONSHIPS OF *CUMNORIA PRESTWICHII* (ORNITHISCHIA: ORNITHOPODA) FROM THE LATE JURASSIC OF OXFORDSHIRE, UK

Professor Susannah MAIDMENT & Professor Paul BARRETT
Natural History Museum, London

The iguanodontian dinosaurs are a group of herbivorous 'bird-hipped' dinosaurs whose best-known member is the iconic genus *Iguanodon*, the second dinosaur to be described. They are well known from Early Cretaceous ecosystems onwards, and they had a global distribution. A single upper limb element, a femur, from the Middle Jurassic Oxford Clay Formation of Peterborough indicates that the group had evolved by this time, but body fossil records of iguanodontian dinosaurs from the Jurassic are rare globally, obscuring the early evolutionary relationships of the group. *Cumnoria prestwichii* was erected for a partial skeleton of an iguanodontian dinosaur that was found at Cumnor Hurst, a hill about one km east of Cumnor in Oxfordshire in 1879. The specimen was discovered during excavations for a tramway in the Kimmeridgian–Tithonian (Upper Jurassic) Kimmeridge Clay Formation. The specimen is one of only four valid iguanodontian dinosaur species from the European Jurassic, and one of only four valid dinosaur taxa from the marine Kimmeridge Clay Formation.



Figure 1: Reconstruction of *Cumnoria prestwichii* by Jim Robins.

Originally, the specimen was considered to belong to a new species of *Iguanodon*, but shortly after its initial description it was considered different enough to warrant a new genus name, *Cumnoria*. However, by 1889 it had been referred to the Late Jurassic North American taxon *Camptosaurus*, where it remained subsequently. However, the few phylogenetic analyses that included “*Camptosaurus*” *prestwichii* as a taxon distinct from

the North American *Camptosaurus dispar* did not find them to be more closely related to each other than they were to other iguanodontians, suggesting that the referral of the Cumnor specimen to *Camptosaurus* might be incorrect. A major problem in assessing the taxonomy and systematic position of *Cumnoria* was that the last description of the specimen was in 1980. In the subsequent 40 years, a large amount of new data in the form of new iguanodontian specimens has come to light, and the advent of the application of morphological phylogenetic analyses has revolutionized our understanding of the evolutionary relationships of many groups of dinosaurs. The existing description was not detailed enough for the specimen to be scored into phylogenetic matrices.

Funded by a NERC Standard Grant, we visited the Oxford University Museum of Natural History for a week in 2012 accompanied by Natural History Museum Science photographer Harry Taylor, and we produced a full description of the specimen while Harry documented the entire skeleton with photographs.

The specimen includes a braincase, and we wanted to get it uCT-scanned to examine internal features of the endocranial cavity and the inner ears. To do this, we needed to bring the specimen to London. In 2019, we received a Richard Owen Award from the Palaeontographical Society to bring the specimen to the NHM accompanied by Hilary Ketchum, the curator responsible for it at the time, and carry out scanning. This allowed us to put the final touches on our description and carry out a phylogenetic analysis. We determined that *Cumnoria prestwichii* was a valid taxon distinct from the North American genus *Camptosaurus*, and it differed from it and other closely related species on the basis of numerous features of the skull and postcranial skeleton. The specimen fills a significant temporal and geographical gap in our knowledge of iguanodontian evolution. In 2022, we published a Palaeontological Society Monograph on the specimen.

MAIDMENT, S.C.R., CHAPELLE, K.E.J., BONSOR, J.A., BUTTON, D. & BARRETT, P. 2022. Osteology and Relationships of *Cumnoria prestwichii* (Ornithischia: Ornithopoda) from the Late Jurassic of Oxfordshire, UK. *Monograph of the Palaeontographical Society*, 664.

LIZARDS AND SNAKES FROM THE HORDLE AD OTHER EOCENE LOCALITIES IN THE UK

Dr Georgios GEORGALIS

Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Krakow, Poland

Squamates (i.e., lizards and snakes) have been known from the Eocene of the UK for almost two centuries. The earliest discoveries of snakes from the UK were made by the prominent palaeontologist Richard Owen, who described several fossil vertebrae from various Eocene localities in southern England (Owen 1841, 1842, 1850). Based on this English material, Owen established two iconic genera for ophidian palaeontology: the giant aquatic snake *Palaeophis* Owen, 1841 (Fig. 1G), from the early Eocene of the Isle of Sheppey and Bracklesham, and the constrictor *Paleryx* Owen, 1850, from the late Eocene of Hordle Cliff.

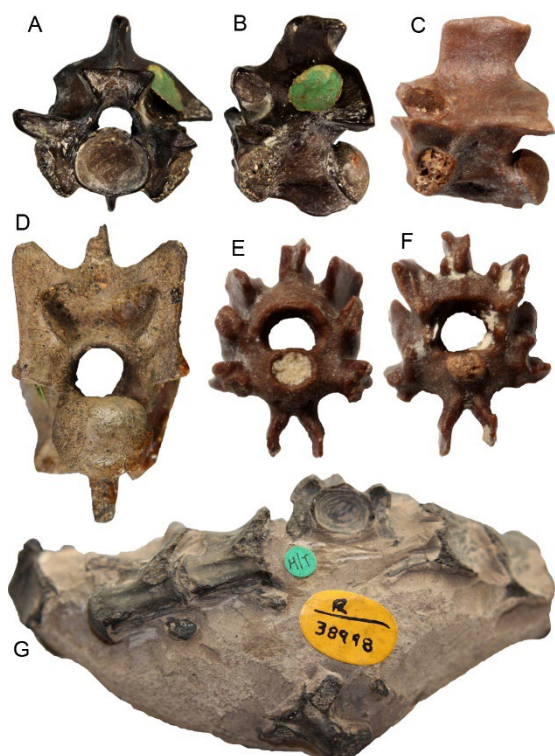


Figure 1: Holotype trunk vertebra of *Paleryx rhombifer* from Hordle in anterior (A) and left lateral (B) views; C) undescribed trunk vertebra of *Cadurcobia* from Hordle in left lateral view; D) undescribed trunk vertebra of *Palaeophis* sp. from Bracklesham in posterior view; E-F) undescribed caudal vertebra of *Cadurceryx* from Hordle in anterior (E) and posterior (F) views; G) syntype specimen of *Palaeophis toliapicus* from the Isle of Sheppey. All specimens from the collections of the Natural History Museum of London.

Through a combination of visual microscopy and μ CT scanning (conducted in the NHMUK), the bizarre vertebral features of this new taxon were documented; extensive comparisons with other taxa revealed no match for this unique anatomy. The third paper tackles the revision of the enigmatic European genus *Cadurceryx* Hoffstetter & Rage, 1972. This genus, mainly known from the Eocene of the Phosphorites du Quercy in France, is characterized by a rather strange morphology of the caudal vertebrae. In this paper, some material of this genus from Hordle (Fig. 1E-F) are also included and compared with the French specimens.

Alongside these results, there will be ongoing research on further data I gathered during this visit. These include a future revision of the giant aquatic snake *Palaeophis*, documenting type specimens and abundant undescribed material (Fig. 1D, G), as well as other papers dealing with the abundant undescribed specimens of snakes from Hordle (Fig. 1C). Such publications enhance our understanding of the evolution and diversity of reptile faunas of the British Eocene, a field that was pioneered with so much passion, effort, and great efficiency, by Sir Richard Owen.

GEORGALIS, G.L., RABI, M. and SMITH, K.T. 2021. Taxonomic revision of the snakes of the genera *Palaeopython* and *Paleryx* (Serpentes, Constrictores) from the Paleogene of Europe. *Swiss Journal of Palaeontology*, **140**, 18 (140 pp.).

HOFFSTETTER, R. 1942. Sur les restes de Sauria du Nummulitique Européen rapportés à la famille des Iguanidae. *Bulletin du Muséum National d'Histoire Naturelle, Paris*, **14**, 233–240.

HOFFSTETTER, R. and RAGE, J-C. 1972. Les *Erycinæ* fossiles de France (*Serpentes, Boidæ*). Compréhension et histoire de la sous-famille. *Annales de Paléontologie*, **58**, 81–124.

Palaeophis represents the epitome of aquatic adaptations in snakes, with abundant remains from continental Europe, Africa, Asia, and North America, having been subsequently referred to the same genus (Smith & Georgalis 2022). Nevertheless, the exact phylogenetic affinities of *Palaeophis* within snakes are obscure, hindered by the lack of known cranial remains, and that the original English type material of Owen has never been adequately revised. *Paleryx* (Fig. 1A-B) represents the first fossil of a constrictor snake (i.e., the group comprising boas and pythons) that was described. The genus was recently revised, and shown to represent a distinct taxon from the large constrictors that inhabited Eocene continental Europe. Eocene lizard remains from the UK were once confined to a few incomplete specimens (Lydekker 1888; Hoffstetter 1942), however, more recent research has demonstrated that they were rather diverse, including also endemic taxa (Klembara and Green 2010).

The Richard Owen Award of the Palaeontographical Society enabled me to travel to London to study the Eocene squamate collections of the Natural History Museum (NHMUK). I had the chance to study important type specimens, as well as abundant undescribed fossil material, principally from snakes from the late Eocene of Hordle.

There are now three papers in review based on the studies I carried out. In the first, I revised the type material of the lizard *Plesiolaserta lydekkeri* Hoffstetter, 1942, from Hordle. Comparisons with Eocene lizard specimens from continental Europe shed light in the status of this species, a taxon that has been widely used in the literature. In the second paper, I established a new genus and species of enigmatic small snake, based upon several vertebrae from Hordle.

KLEMBARA, J. and GREEN, B. 2010. Anguimorph lizards (Squamata, Anguimorpha) from the Middle and Upper Eocene of the Hampshire Basin of Southern England. *Journal of Systematic Palaeontology*, **8**, 97–129.

LYDEKKER, R. 1888. *Catalogue of Fossil Reptiles and Amphibians in the British Museum (Natural History). Part I. Containing the Orders Ornithosauria, Crocodilia, Dinosauria, Squamata, Rhynchocephalia, and Proterosauria*. London: British Museum (Natural History), 309 pp.

OWEN, R. 1841. Description of some ophidiolites (*Palæophis toliapicus*) from the London Clay of Sheppey, indicating an extinct species of serpent. *Transactions of the Geological Society Second Series*, **6**, 209–210.

OWEN, R. 1842. Report on British fossil reptiles. Part II. *Report of the British Association for the Advancement of Science*, **1841**, 160–204.

OWEN, R. 1850. Part III. Ophidia (*Palæophis*, &c.). In: R. Owen, ed. *Monograph on the fossil Reptilia of the London Clay and of the Bracklesham and other Tertiary beds*. London: Palaeontographical Society of London, pp. 51–63.

SMITH, K.T. and G.L. GEORGALIS. 2022. The diversity and distribution of Palaeogene snakes - a review, with comments on vertebral sufficiency. In: Gower, D. and H. Zaher (eds.), *The Origin and Early Evolution of Snakes*. Cambridge: Cambridge University Press, pp. 55–84.

CATALOGUE OF MONOGRAPHS
PUBLISHED OR COMPLETED SINCE 2019

Vol. 178 (for 2024):

669. **Howard, R.J.** The Euchelicerate Limuloides and Other Bunodidae from the Upper Silurian (Wenlock – Přídolí) of England, 1–41, pls 1–9.
668. **Gale, A.S.** British Fossil Cirripedia. Part 1, Introduction. Iblomorpha, Eolepadomorpha, Archaeolepadomorpha and Pollicipedomorpha, 1–104, pls 1–26.

Vol. 177 (for 2023):

667. **Hooker, J.J.** The Mammals of the Late Eocene - Early Oligocene Solent Group. Part 2, Euarchonta (Nyctitheriidae and Primates), Lipotyphla, Chiroptera, Pseudorhynchocyonidae, Pantolestia, Apatotheria, 148–290, pls 49–122.
666. **Gallagher, E.E. & Harper, D.A.T.** Silurian brachiopods from the Pentland Hills, Scotland, 1–69, pl. 1–13.
665. **Bonsor, J.A., Lockwood, J.A.F., Leite, J. V., Scott-Murray, A. & Maidment, S.C.R.** The osteology of the holotype of the British iguanodontian dinosaur *Mantellisaurus atherfieldensis*, 1–63, pl. 1

Vol. 176 (for 2022):

664. **Maidment, S.C.R., Chapelle, K.E.J., Bonsor, J.A., Button, D. & Barrett, P.M.** Osteology and relationships of *Cumnoria prestwichii* (Ornithischia: Ornithopoda) from the Late Jurassic of Oxfordshire, UK, 1–55, pls. 1–12.
663. **Siveter, D.J.** British Silurian Beyrichiacea (Ostracoda). Part 2, 77–157, pls. 28–47.
662. **Hodges, P.** The Early Jurassic Bivalvia from the Hettangian and Lower Sinemurian of South-West Britain. Part 4, 145–330, pls. 15–41.

Vol. 175 (for 2021):

661. **Sangster, S.** The osteology of *Dimorphodon macronyx*, a non-pterodactyloid pterosaur from the Lower Jurassic of Dorset, England, 1–48, pls. 1–4.
660. **Kershaw, S., Da Silva, A.-C., & Sendino, C.** British Silurian stromatoporoids. Faunas, palaeobiology, and palaeogeographical significance, 1–92, pls. 1–22.

Volume 175 (for 2021) published December 2021:

659. **Hooker, J.J.** The Mammals of the Late Eocene – Early Oligocene Solent Group, Part 1, Introduction and Euarchonta: Nyctitheriidae, 1–147, pls. 1–48.

Volume 174 (for 2020) published May 2021:

658. **Donovan, S.K. & Fearnhead, F.E.** The British Devonian Crinoidea, Part 2, Addendum to Part 1, Cladida, Disparida and columnals, 57–148, pls. 16–29.

Volume 174 (for 2020) published February 2021:

657. **Slipper, I.J.** Ostracoda from the Turonian of South-East England, 47–168, pls. 10–26.

Volume 174 (for 2020) published September 2020:

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

PALAEONTOGRAPHICAL SOCIETY

Established 1847

Registered Charity No. 228372

REPORT OF THE COUNCIL

for year 2023

Read and adopted at the 177th Annual General Meeting, held as a hybrid event at Kelvin Hall in Glasgow, on the afternoon of the 16th April 2024, Dr Caroline Buttler, The President, in the Chair.

In 2022-23 the society continued its work publishing monographs and funding research. We published Volume 177 (parts 665 and 666) in 2023.

Two Richard Owen Awards were made at the AGM in 2023 to Dr Georgios Georgalis (Polish Academy of Sciences), and former president Prof Paul Barrett (Natural History Museum, London). Our Edward Forbes Prize was awarded to Dr Alessandro Carniti (Università degli Studi di Milano). We also announced the new Marsh Palaeoart Award, sponsored by the Marsh Charitable Trust. This is particularly exciting, as it ties into the reasons for our establishment over 175 years ago, which is the depiction of fossil faunas of the British Isles.

The balance shown in the Statement of Accounts stands at £101,187.47. The income over Expenditure is £5,005.54

Since the AGM we sponsored the following events: The conference 200 Years of Dinosaurs: New Perspectives on an Ancient World, held at the NHMUK to celebrate the naming of the first dinosaur, Megalosaurus (a selection of our monographs on key British dinosaurs were made available free to non-members as part of this celebration); a field trip at the Palaeontological Association' annual conference in 2023, held in Cambridge. The trip was to visit Eocene and Pliocene sites in the London Clay and Red Crag Formations; the Progressive Palaeontology Conference in Liverpool

Following the Annual General Meeting, Dr Yves Candela retired as Vice-President, and Dr Laura Cotton and Dr Imran Rahman retired as Ordinary Members of Council. Dr Caroline Buttler was re-elected as President, Dr Elsa Panciroli was re-elected as Secretary, Miss Emma Bernard was elected as Vice President, Dr Timothy McCormick was re-elected as Treasurer, Dr Ben Moon, Dr Susan Beardmore and Dr Lucy McCobb were re-elected as Editors, Dr Anthony Butcher was re-elected as Web Officer, and Dr Michela Johnson, Dr Jeffrey R. Thompson and Dr Neil Clark were re-elected as Ordinary Members. Ms Amber Wood-Bailey was elected as Ordinary Member. Mr Cassius Morrison was later co-opted as Communications Officer after the AGM, as the role was still vacant.

COUNCIL 2024-2025

President	Dr Caroline Buttler
Vice-Presidents	Miss Emma Bernard, Dr Neil Clark
Treasurer	Dr Timothy McCormick
Secretary	Dr Elsa Panciroli
Editors	Dr Ben Moon, Dr Susan Beardmore and Dr Lucy McCobb
Communications Officer	Mr Cassius Morrison
Web Officer	Dr Anthony Butcher
Ordinary Members	Dr Michela Johnson, Dr Jeffrey R. Thompson, Ms Amber Wood-Bailey

Thanks and Acknowledgments

We would like to thank our speakers for our 2024 AGM, Dr Christine Strullu-Derrien (Natural History Museum, London and Muséum National d'Histoire Naturelle) and Dr Alan Owen (University of Glasgow) for delivering annual addresses. We also thank our previous award winner Cassius Morrison (Natural History Museum, London), and Marsh Palaeoart Award winner Robert Nicholls, for their short talks. Thanks to Taylor and Francis for publication of our monographs, and the Marsh Charitable Trust for supporting our new Marsh Palaeoart Award.

Independent examiner's report to the trustees of the Palaeontographical Society

I report to the trustees on my examination of the accounts of the Palaeontographical Society for the year ended 31st December 2023.

Responsibilities and basis of report

As the charity trustees of the Trust you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ('the Act'). The charity's trustees consider that an audit is not required for this year under section 144 of the Charities Act 2011 (the Charities Act) and that an independent examination is needed.

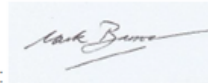
I report in respect of my examination of the Trust's accounts carried out under section 145 of the 2011 Act and in carrying out my examination I have followed all the applicable Directions given by the Charity Commission under section 145(5)(b) of the Act.

Independent examiner's statement

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

1. accounting records were not kept in respect of the Trust as required by section 130 of the Act; or
2. the accounts do not accord with those records.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.



Signed:

Name: A J Mark Barron

Relevant professional qualification or membership of professional bodies (if any):

Address: 20 Highbury Road, Keyworth, Notts NG12 5JB

Date: 10th April 2024

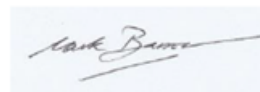
Income and Expenditure Account for the Financial Year 2023 (ending 31/12/2023)

Income (£)	2023	2022	2021
Members subscriptions ¹	£2,336.52	£2,584.53	£1,996.38
Stocks and shares dividends	£6,174.98	£19,360.32	£9,406.67
"Hands on Palaeo" royalty	£101.76	£189.95	-
CUP royalty	£128.60	£51.60	-
Informa UK royalty	£4,960.21	£6,296.35	£6,872.40
Informa UK Editors Fund	£1,500.00	£1,500.00	£1,500.00
Informa UK Bursary	-	£500.00	-
Informa UK Typesetting contribution ²	£16,666.00	-	-
Misc EBSCO payments	-	£124.00	-
Compensation from NatWest ³	-	-	£100.00
	£31,868.07	£30,606.75	£19,875.45
Expenditure (£)	2023	2022	2021
Annual Report printing & mailing ⁴	-	£200.18	£138.02
Monograph typesetting ⁵	£5,464.80	£17,640.00	-
E Forbes Prize	£250.00	£250.00	£250.00
R Owen Research Fund	£910.00	£1,001.80	£1,000.00
SVPCA sponsorship	-	£500.00	-
11th Intl. Symp. Cephalopods sponsorship	-	£500.00	-
Donation to Mary Anning Statue Appeal	-	-	£1,050.00
Donation to Rutland Ichthyosaur Dig	-	-	£1,000.00
PalAss Annual Meeting field trip sponsorship	£1,000.00	-	-
AGM / Annual Address ⁶	£829.80	£1,190.97	-
Council expenses ⁷	£2,949.34	£1,006.26	£64.75
Website expenses ⁸	-	£3,312.00	-
	£11,403.94	£25,601.21	£3,502.77
Balances carried forward at year start:			
Current A/C	£101,187.47	£96,893.46	£82,027.16
PayPal	£14,954.97	£14,243.44	£12,737.06
Income (see above):	£31,868.07	£30,606.75	£19,875.45
	£148,010.51	£141,743.65	£114,639.67
Balances carried forward at year end:			
Current A/C	£120,243.58	£101,187.47	£96,893.46
PayPal	£16,362.99	£14,954.97	£14,243.44
Expenditure (see above):	£11,403.94	£25,601.21	£3,502.77
	£148,010.51	£141,743.65	£114,639.67
Income over expenditure:	£20,464.13	£5,005.54	£16,372.68

Schedule of Investments and Income for 2023

	Cost (£)	Market Value (£)	2023 Income (£)
Wide Range			
8262.755 units M&G Charifund	£62,645.78	£118,569.71	£3,676.92
57797.805 units M&G Managed Growth Fund	£1,187.70	£79,113.64	£527.40
868 units Shires Income PLC 50p ordinary shares	£910.51	£1,961.68	£67.71
5920 units Securities Trust of Scotland Ordinary Shares	£655.27	£12,846.40	£199.80
	£65,399.26	£212,491.43	£4,471.83
SR Units			
3126.21 COIF Charity, Invest Inc	£20,061.55	£62,039.64	£1,703.15
Total Investments	£85,460.81	£274,531.07	£6,174.98
Income from Bulman Fund (extracted from above account)			
719.69 units M&G Charifund	£7,807.77	£10,329.67	£320.33
639 units M&G Charifund	£748.91	£9,171.53	£284.41
	£8,556.68	£19,501.21	£604.74

I have examined the above account, have compared it with the vouchers, books and records presented to me, and find it to be correct.



A J M Barron, Examiner
10/04/2024

Notes:

- Subscriptions are accounted for in the year in which they are credited to the current account.
- Informa UK (Taylor & Francis) have agreed to pay a contribution toward typesetting the monographs. This payment is for 2022 & 2023.
- NatWest paid a nominal sum into the account in recognition of an error on their part.
- The cost of the 2023 Annual Report will appear in the accounts for 2024.
- After several years of typesetting by Taylor & Francis the Society took this over again in 2022. (See note 2).
- The 2021 AGM was a virtual event with no associated expense.
- The 2021 value reflects reduced expenses during the pandemic.
- Website expenses (migration & hosting) for 2023 will appear in the accounts for 2024.

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