



Registered Charity 1165231 (England and Wales)

Friends of Crystal Palace Dinosaurs

Trustees' Annual Report and Statement of Financial Activity

1 April 2021 – 31 March 2022

January 2023

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1 Approval of the Board of Trustees

The Trustees declare that they have approved the following Annual Report and Statement of Financial Activity.

Signed on behalf of the Trustees

A handwritten signature in black ink, reading 'Ellinor Michel' in a cursive script.

Name: Dr A. Ellinor Michel

Date: 31 January 2023

Role: Chair, Friends of Crystal Palace Dinosaurs

2 Executive Summary

The Crystal Palace Dinosaurs are a collection of 30 life-sized sculptures of dinosaurs, marine reptiles, mammals and other extinct animals, created by Benjamin Waterhouse Hawkins (1807–1894) in 1854. These sculptures are the first attempt in history to portray dinosaurs as full-scale, three-dimensional, living creatures and are located outdoors in Crystal Palace Park in southeast London. The sculptures are situated across a large set of islands with real and constructed geologic features, encouraging an understanding of changes through geologic Deep Time and also demonstrate the sources of Britain's industrial wealth in the 19th century. Although the reconstructions are often different from what we think of as 'correct' today, their very difference is a visible explanation on how science is an improving knowledge system based on new evidence and better interpretation. As the birthplace of 'Dinomania', they are a key monument in the history of science, and a much-loved London landmark. The statues are Grade I listed on Historic England's National Heritage List. In February 2020, Historic England added the Crystal Palace Dinosaurs to the Heritage at Risk register, which is designed to identify sites that are most at risk of being lost as a result of neglect, decay or inappropriate development.

Friends of Crystal Palace Dinosaurs (FCPD) is a charity registered with the Charity Commission for England and Wales (no. 1165231) whose purpose is to promote the long-term conservation of these statues and the larger geological site. The charity does not own the sculptures, or control access to the site. Instead, FCPD keeps a close watch. We work with the custodians of the park, Bromley Council, other charities, and key national organisations such as Historic England to ensure the Dinosaurs get the care and attention they need. Our aim is to ensure the Dinosaurs survive our generation intact, so they can be enjoyed for future generations.

FCPD cares deeply about public engagement. Everyone loves the Dinosaurs, and the site is as alive to visitors today as when the park opened in 1854 as the first major experiential public outreach on science, "the first page in the book of popularising palaeontology". Friends of Crystal Palace Dinosaurs keep that spirit alive and develop engagement programmes, give public lectures, encourage visitors to do more than take a few quick photographs, and help children think about the importance of science in their daily lives. We particularly aim to provide resources that will encourage others to draw their own meaning from the site.

A key part of engagement relates to history and heritage. The Victorian story of these statues is one that fascinates all who encounter it. Yet there is much that still remains a mystery to historians. FCPD are working to unravel some of that narrative. More importantly, the Victorians weren't the only people to encounter the Dinosaurs. What about the rest of us? No walk through the site seems to go by without hearing stories and memories from visitors. Whether it's families on a picnic, dog walkers, couples relaxing, or grandparents sharing a story from their youth, visits to the Dinosaurs form part of life for thousands of people every

year. FCPD works to capture some of those encounters so we can preserve them for the future.

The period from April 2021 to March 2022 presented new challenges as the impact of Covid-19 continued to be felt, and we began to return to in-person outreach and engagement. Visits to local schools alone reached more than 800 school pupils, presenting the Dinosaurs to the next generation, and educating on their role in the history of science. Our commitment to conservation of the site remains strong, with a major repair to the *Megalosaurus* successfully completed this year, working alongside Historic England and the London Borough of Bromley (5.2). We set the stage for work on other sculptures with our 3D scans, archival photograph project, historical interpretation and draft proposals. The newly installed swing bridge to the Dinosaur statues won a number of civic, architectural and engineering awards (5.4), affirming its positive contribution to both the Park and local area, although securing regular educational and public access to the islands remains a challenge that we continue to work on with stakeholders in 2022/2023.

FCPD is, as ever, grateful for the incredible support given to us by the public, science and heritage communities, local businesses and our partners and stakeholders. We are proud of this year's achievements, and look forward to building on this.

3 Reference and Administration Details

3.1 Charity Name & Registration

Friends of Crystal Palace Dinosaurs

Registration number: 1165231

Friends of Crystal Palace Dinosaurs is a Charitable Incorporated Organisation, registered with the Charity Commission on 19 January 2016.

The charity is recognised by HM Revenue & Customs for Gift Aid.

3.2 Mission Statement

Friends of Crystal Palace Dinosaurs aims to:

- 1) Conserve the Dinosaurs and their surroundings for future generations.
- 2) Promote public knowledge and enjoyment of the Dinosaurs.

- 3) Research the history of the Dinosaurs, and share it with the public.
- 4) Work with local, national and international stakeholders to achieve the above aims.
- 5) Raise funds to achieve the above aims.

Where 'Dinosaurs' denotes the sculptures, geological illustrations and surroundings.

3.3 Charity Contact Details

Address 88b Thicket Road, London, SE20 8DR

Email info@cpdinosaurs.org

Facebook facebook.com/cpdinosaurs

Instagram [@cpdinosaurs](https://www.instagram.com/cpdinosaurs)

Twitter [@cpdinosaurs](https://twitter.com/cpdinosaurs)

Website cpdinosaurs.org

3.4 Organisational Structure

Trustees

Name	Role	(Re)appointment date	Updates during reporting period
Francesca Canty		Appointed July 2020	none
Dr Jennifer Crees		Reappointed May 2021	none
Prof. Adrian Lister		Reappointed August 2020	none
Dr A. Ellinor Michel	Chair	Reappointed July 2020	none
Sarah Slaughter		Reappointed January 2021	none
Alison K Smith		Appointed June 2019	none
Dr Jeremy Young	Treasurer	Reappointed August 2020	none

All trustees are appointed/reappointed for a three-year term, with the exception of an initial four-year appointment of the Chair.

Management Board

The Management Board is intended to represent professional skills and knowledge from a diverse variety of backgrounds which fully support the charitable objects (4.2), including but not limited to: communications, conservation, corporate governance, creative arts,

fundraising, history of science, horticulture, museum education, outreach, palaeontology and geology, policy, public sector administration, social media, and web development.

The Management Board meets a minimum of six times a year to coordinate projects and determine strategies for raising funds and awareness in line with the charitable objects. Board members rotate responsibility for the roles of facilitator and secretary. Board meetings take place every 4-6 weeks.

All trustees listed in 3.4.1 are members of the Management Board. The co-opted members of the Management Board during the reporting period were:

- Erica Brackenbury
- Anthony Lewis
- Charlotte Wightwick

Project Partners

Friends of Crystal Palace Dinosaurs trustees and Management Board are supported by additional advisory subject matter experts and professionals, many of whom help with practical tasks such as fundraising, arts engagement, administrative management, historic conservation, interpretation, design, landscape management, film making and project delivery. When advisors have committed to longer-term involvement with FCPD, but do not regularly attend board meetings, we refer to them as 'project partners'. They may lead on a project related to their skills, supported by the board. A list of current and previous project partners is available on our website¹.

Members of Staff

Friends of Crystal Palace Dinosaurs does not employ any permanent members of staff, and activity is almost wholly undertaken by volunteers.

Contractors

Contractors may be engaged for specific projects where a longer-term commitment, level of technical skill or knowledge is required which cannot be performed by volunteers.

3.5 Key Stakeholders

Due to the publicly-owned status of Crystal Palace Park, and the heritage assets within, Friends of Crystal Palace Dinosaurs work closely with multiple stakeholders.

¹ <https://cpdinosaurs.org/about/project-partners>

Bromley London Borough Council (Bromley Council)

The legal custodians of Crystal Palace Park and the Crystal Palace Dinosaurs.

Crystal Palace Park Trust

The 'custodians in waiting', formed as part of the Crystal Palace Regeneration Plan².

They will become primary custodians of the park in spring 2023. Bromley Council have been transferring responsibility in a phased approach, beginning with management, maintenance, and events³. As the future custodians of the Park, the Trust have begun to take on organisation of some events, and will become increasingly important to the future of the Dinosaurs.

The Trust was incorporated as a Private Company Limited by Guarantee (company number: 11360503) in 2018 and received charitable status in England and Wales in 2021 (charity number: 1193331).

Historic England

An executive non-departmental public body providing support and guidance regarding the protection of heritage assets. The Crystal Palace Dinosaurs have been listed as Grade I on Historic England's National Register of Heritage Monuments, and were placed on the 'Heritage At Risk' register in February 2020, making them the highest priority for conservation.

In early 2022, Historic England launched a special study project on the Dinosaurs to establish baseline condition data and set out a conservation and management plan for the future. Approximately 20 experts have been commissioned to do critical data collection in topics such as document archiving, 3D scanning and material mapping, structural engineering, landscape management, hydrology, archaeology and museology. The final report for this project will be delivered in mid-2023, commencing a period of fundraising to implement works. The FCPD has been working closely with Historic England on this project, meeting with all the specialists and data-sharing to achieve the most complete documentation of the site ever made in modern records.

King's College London (KCL)

King's College London is a public research university located in London, UK. Friends of Crystal Palace Dinosaurs has collaborated with KCL on *Beyond the Dinosaurs*, a new collaborative outreach project funded by an Impact and Knowledge Exchange Fund grant from the Faculty of Arts & Humanities at KCL.

² <https://crystalpalaceparkregenerationplan.com/regeneration-plan/>

³ https://www.bromley.gov.uk/info/200150/crystal_palace_park/1158/regeneration_of_the_park

This exciting research project with Dr Chris Manias, a historian of science specialising on Victorian understanding of fossil mammals, focuses on the lesser-known features of the Crystal Palace Geological Court and will explore how these could enable the public to engage with the deep past in new and distinct ways. The project will develop new written and audio resources on these neglected aspects of the site. We will hold a series of events engaging with public knowledge of the deep past, and develop strategies for interdisciplinary public engagement and impact.

***idverde* UK**

Responsible for the management of the parks, green spaces and countryside service throughout the London Borough of Bromley. *idverde* control access to the Geological Islands, a responsibility delegated by Bromley Council.

3.6 Informal Partnerships

Community Organisations

We have strong connections in Crystal Palace and Penge and often collaborate with local community organisations including:

- Crystal Palace Community Association
- Crystal Palace Foundation
- Crystal Palace Fun Runners
- Crystal Palace Museum
- Crystal Palace Overground Festival
- Crystal Palace Transition Town
- Friends of Crystal Palace Park
- Friends of Crystal Palace Subway
- Invisible Palace
- Penge Heritage Trail
- Penge Tourist Board
- Speaking Stones/Critical Moment Theatre Company

Museums, Education and Heritage

Our links with museums, education, and heritage outreach projects include:

- Capel Manor College
- City & Guilds Conservation Programme

- Emerald Ant Street Theatre & Education Company
- Lost Valley of London historic films
- Lyme Regis Fossil Festival
- The Natural History Museum, London
- University College London

3.7 Grantmaking and Funds

We do not give grants or invest funds.

3.8 Risk Assessment

We keep a register of risks and risk mitigation strategies for the trustees to assess at each board meeting.

Trustees Dr Jeremy Young and Dr Ellinor Michel have created a conservation risk report specifically focused on potential risks to the sculptures, with extensive baseline photographs taken by trustee Sarah Slaughter and project partner Rhys Griffin. The report includes mitigation strategies that can be adopted by Friends of Crystal Palace Dinosaurs and the key stakeholders.

4 Structure, Governance and Management

4.1 Type of Governance

Friends of Crystal Palace Dinosaurs is a Charitable Incorporated Organisation, managed by a board composed of the trustees (3.4.1) and co-opted members (3.4.2).

For issues of governance, the Management Board follows a foundation model where the only voting members are the charity trustees. Co-opted board members may partake in discussions but are not eligible to vote.

When relevant, a trustee must declare any potential conflict of interest and may be requested by the board to absent themselves from any related discussion or vote.

A motion will be considered passed should it gain a majority of votes. In the event of an equal number of votes, the casting vote belongs to the Chair.

The quorum is two charity trustees, or the number nearest to one third of the total number of charity trustees, whichever is greater.

4.2 Charitable Objects

The objects of Friends of Crystal Palace Dinosaurs are:

- 1) The preservation and conservation of the Crystal Palace Dinosaurs, including the palaeontological statues, geological displays and related landscaping, for the public benefit.
- 2) The advancement of education for the public benefit in the subjects of the Crystal Palace Dinosaurs, palaeontology, biology, archaeology, history and local or national heritage and to promote science in connection with any or all of these subjects.

In the above objects the Crystal Palace Dinosaurs are a collection of over 30 statues and geological tableaux created by Benjamin Waterhouse Hawkins (1807–1894).

4.3 Trustees

Function and Duties of Charity Trustees

The charity trustees shall manage the affairs of the Friends of Crystal Palace Dinosaurs and may for that purpose exercise all the powers of the FCPD. It is the duty of each charity trustee:

- a) To preserve and conserve the Crystal Palace Dinosaurs, including the palaeontological statues, geological displays and related landscaping, for the public benefit.
- b) To exercise [their] powers and to perform [their] functions in [their] capacity as a trustee of the FCPD in the way [they decide] in good faith would be most likely to further the purposes of the FCPD
- c) To exercise, in the performance of those functions, such care and skill as is reasonable in the circumstances having regard in particular to:
 - i. any special knowledge or experience that [they have] or [hold themselves] out as having
 - ii. if [they act] as a charity trustee of the FCPD in the course of a business or profession, any special knowledge or experience that it is reasonable to expect of a person acting in the course of that kind of business or profession.

Trustee Selection Methods

Every trustee must be appointed or reappointed for a term of three years by a resolution passed at a properly convened meeting of the charity trustees.

In selecting individuals for appointment as charity Trustees, the charity trustees must have regard to the skills, knowledge and experience needed for the effective administration of Friends of Crystal Palace Dinosaurs in accordance with charity law.

The charity trustees will make available to each new charity trustee, on or before [their] first appointment:

- a) A copy of the current version of [the] constitution
- b) a copy of the FCPD's latest Trustees' Annual Report and statement of accounts

Trustee Induction

Trustee induction includes:

- a site visit
- review of past accomplishments, and future goals
- key governance documents
- a commitment to read CC3: 'The essential trustee: what you need to know, what you need to do'

Trustee Eligibility

- a) Every charity trustee must be a natural person.
- b) No individual may be appointed as a charity trustee of Friends of Crystal Palace Dinosaurs:
 - i. if [they are] under the age of 16 years
 - ii. if [they] would automatically cease to hold office under the provisions of clause 12.1.3 [disqualified from acting as a charity trustee by virtue of sections 178-180 of the Charities Act 2011 or any statutory re-enactment or modification of that provision]

- c) no one is entitled to act as a charity trustee whether on appointment or on any reappointment until [they have] expressly acknowledged, in whatever way the charity trustees decide, [their] acceptance of the office of charity trustee.
- d) At least one of the trustees of the FCPD must be 18 years of age or over. If there is no trustee aged at least 18 years, the remaining trustees may only act to call a meeting of the charity trustees, or appoint a new charity trustee.

5 Activities, Achievements and Performance

5.1 Statutory Declaration

The trustees confirm that they have paid due regard to the guidance issued by the Charity Commission on public benefit in deciding what activities the charity should undertake.

5.2 *Megalosaurus* Repair Completion

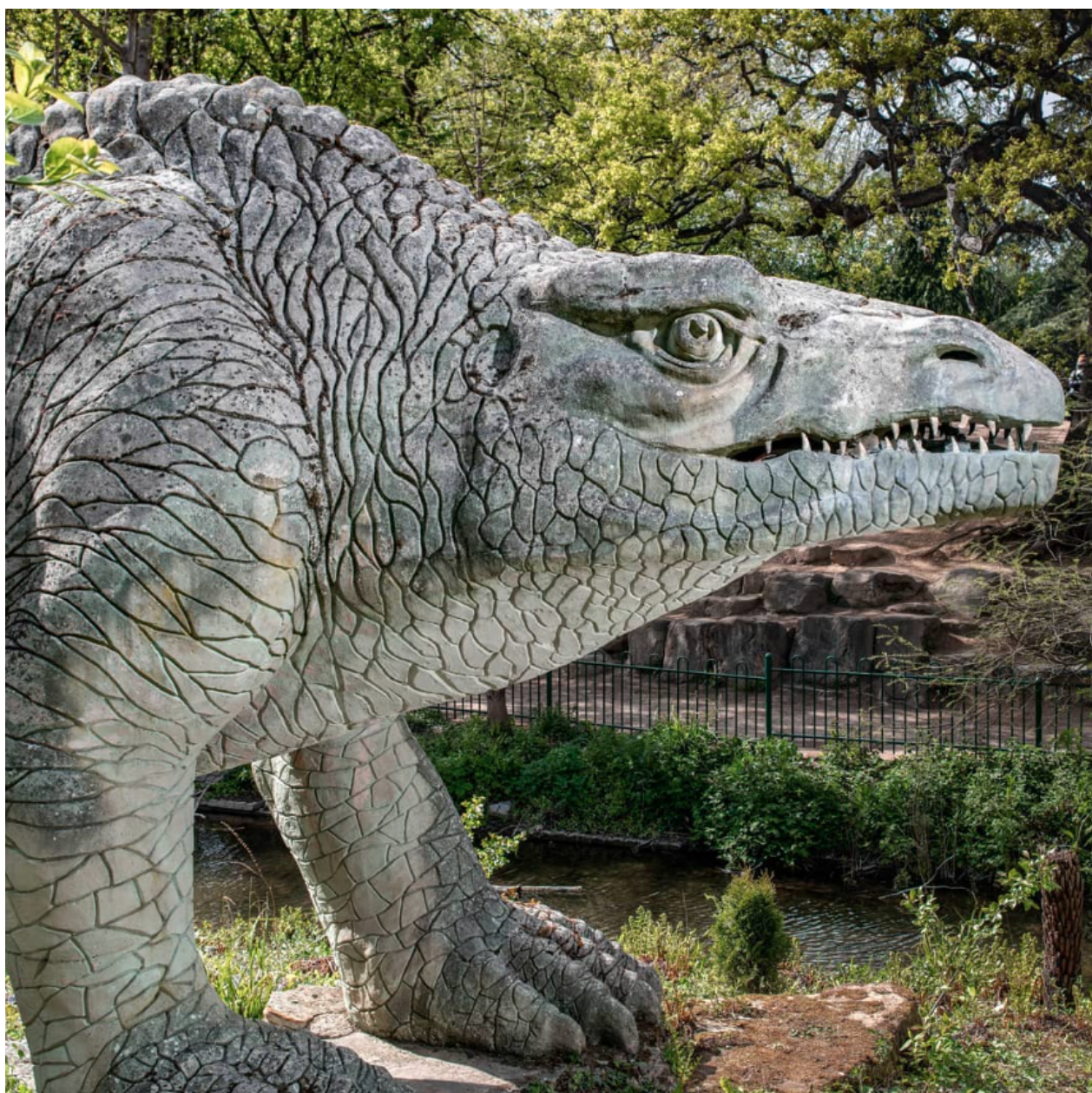
On 18 May 2020, FCPD was alerted to significant damage which had occurred to the *Megalosaurus* statue that occurred overnight on 17/18 May. This was investigated by the Metropolitan Police as suspected heritage crime, though no perpetrators were identified. The main damage followed cracks that are visible in our archival 3D photogrammetry scans. Significant parts of the nose and jaw were broken off the sculpture.



Detail of the damage to the *Megalosaurus* jaw showing exposed concrete, iron structural support and brickwork. © Friends of Crystal Palace Dinosaurs

In response, throughout the remainder of 2020/21 the Friends of Crystal Palace Dinosaurs successfully fundraised, raised public awareness of the needed repair, and worked with Bromley Council and Historic England to undertake the conservation work through specialist sculpture conservators. The broken pieces of the *Megalosaurus* jaw were recovered and 3D scanned by the Friends with permission, rescanned by Architectural and Heritage Scanning with a white light scanner, and the data used to design and install a temporary 3D-printed prosthesis to replace the damaged section by Taylor Pearce Restoration Ltd. With support from Culture Recovery Fund, Historic England, Bromley Council, and public donors, the *Megalosaurus* was repaired and had its grin back on 18 May 2021.

Publicity for this accomplishment reached 25 national and international news outlets with a collaborative press campaign from Historic England and FCPD.



Detail of the damage to the *Megalosaurus* after repair completed in May 2021.

© Friends of Crystal Palace Dinosaurs

5.3 Irish Elk Stag Antler Collapse, Archival Research and Corrective Conservation

In May 2020 the antlers of one of the Irish Elk stags collapsed. As this happened after a night of intense wind, natural causes were the probable destructive trigger and points of pending material failure had previously been recognised. The historical research for the Friends of Crystal Palace's new book *The Art and Science of the Crystal Palace Dinosaurs* (section 5.8.1) revealed that the antlers currently on the stags are highly inaccurate, having been replaced at some time with antlers only roughly like those of an Irish Elk. The originals were real Irish Elk fossil antlers. FCPD proposed to Historic England and Bromley Council that repairs

afforded an opportunity for corrective (restorative) conservation by installing lightweight 3D prints created from scans of real Irish Elk antlers currently held in UK museums. Bromley Council contracted a condition survey for this proposal and it is currently awaiting a funding source. FCPD will continue to advocate for restoration in the coming year.



Irish Elk (*Megaloceros*) stag damaged in May 2020.
© Friends of Crystal Palace Dinosaurs



The stags as originally conceived by Waterhouse Hawkins with real fossil antlers.
Photograph from 1865

5.4 Dinosaur Bridge Awards and Public Access

Safe, secure access to the Crystal Palace Dinosaurs is vital for conservation monitoring, repair of the sculptures and grounds maintenance to protect this magnificent Grade-1 listed historic site. In November 2019, Friends of Crystal Palace Dinosaurs received unanimous approval from Bromley Council, with agreement from Historic England, for the construction of a new swing bridge to the islands, which opened on 13 January 2021. Since completion, the bridge has won a number of notable engineering and architectural awards, including:

- **Bridges Awards 2022: Winner, Bridge Design under £5m** (nationwide awards for bridge construction and design)
 - Judges' Comment: *"A great example of engineers contributing expertise and project development skills for community benefit."*
- **Civic Trust Awards: Highly Commended for a National Award** (nationwide awards focusing on design excellence and a positive contribution to the local communities they serve)
 - Judges' comment: *"An outstanding little project where ingenuity, originality, design flair and enormous commitment by the client, stakeholders and design team to drive the project forward have combined to achieve a beautiful solution to a technical access challenge in a sensitive landscape and heritage context."*
- **IStructE South East Awards: Winner, 'Small Project' category** (regional awards for structural engineering)
- **IStructE South East Awards: Winner, 'Most Innovative Project' category** (regional awards for structural engineering)
- **Structural Awards: Highly Commended in the Pedestrian Bridge Category** (international awards for structural engineering - beaten only by a huge bridge across Copenhagen harbour!)
- **AJ Architecture Awards: Shortlisted in the Infrastructure and Transport Category** (UK awards for architecture, focusing on everything from stations to roads to bridges)



The bridge shown rotated to the locked position. © Friends of Crystal Palace Dinosaurs

The bridge was also featured in a paper for the journal *Structural Engineering International* titled *The Dinosaur Bridge – innovation in structural form & fabrication using model making and prototyping* (Knight et al., Struct Eng Int 2021).

The new bridge allows secure, safe access for not only conservation and maintenance, but also public engagement and education. Since installation, Friends of Crystal Palace Dinosaurs have been able to run an additional session of our green engagement volunteer project, Reviving Lost Worlds: A Community Palaeo Planting Project, and we've trained a new cohort of historic tour guides. FCPD continues to work with Bromley Council to update the formal access agreement to permit guided public tours again.

5.5 Dinosaur Monitor

Dinosaur Monitor is an extension of Monument Monitor, a citizen-science photo archiving project developed by Dr Rosie Bringham for her PhD, supervised by Dr Josep Grau-Bové from the University College London Institute of Sustainable Heritage.

The project uses visitor images as a source of data for monitoring historic monuments. The initial web architecture was developed with backing from Heritage Environment Scotland to monitor relatively remote sites in Scotland. The proposal from the University College London team was that the project be extended to include the Crystal Palace Dinosaurs to create the Dinosaur Monitor project. This was approved by the board and launched in February 2021, with FCPD funding basic costs.

During the past year more than 500 images were submitted by the public, with great engagement online. This had a particularly positive reception online communities, providing a way to bring together family history, local experience and valuable historic enrichment.

Through the project, FCPD made an important discovery that the standing *Iguanodon*, one of the most famous sculptures, suffered damage in 2010 similar to that of the *Megalosaurus* in 2020. This was only three years after the site was given Grade 1 heritage listing. This damage was seemingly unreported yet repaired in six months, a discovery made possible only through photos recovered through a detailed timeline. To date, we have not yet found the source of the breakage nor records of the conservation work, despite contacting all available parties who should have known about or overseen the work.



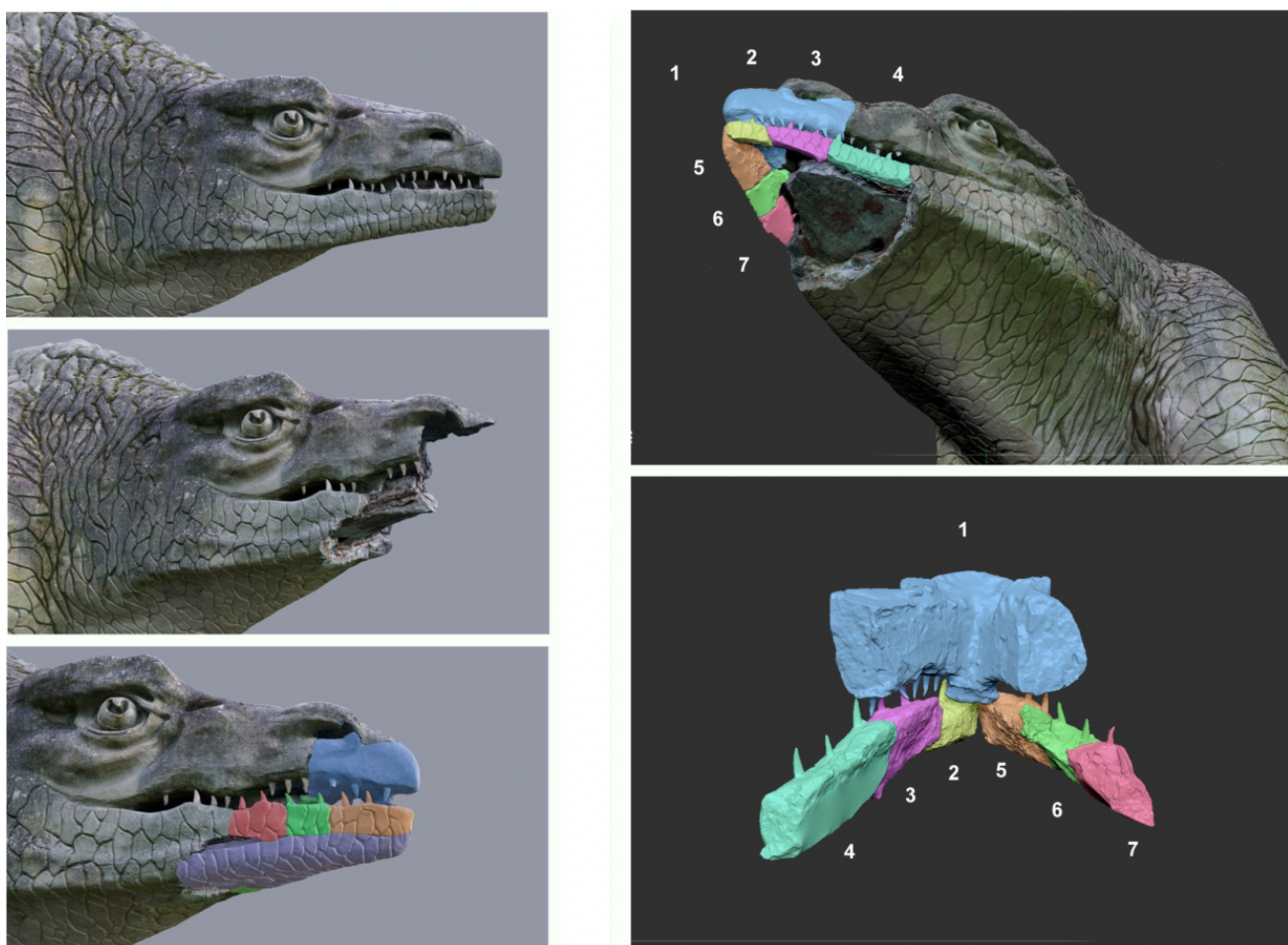
The damaged *Iguanodon* in January 2010.

Photograph © Bob Nicholls

5.6 Digital Dinosaur Archive: 3D Scans of the Sculptures

Since 2018, Rhys Griffin (digital professional and animator) and Anthony Lewis (film maker and FCPD board member) have volunteered their skills to 3D scan the sculptures. This has allowed us to establish ultra-high resolution archival images for a number of sculptures for future conservation and condition monitoring. The digital assets can also be used for art engagement, 3D printing and animation.

In the first application of the 3D archive we show stresses and deep cracks in the *Megalosaurus* sculpture before the 2020 collapse, and exposed support armature afterwards. FCPD did a new digital restoration of before and after the damage. We made a film to show the public how the sculpture can be fitted back together when full conservation is done. *Dinosaurs of the Prime* is a piece of music composed for the film by Jon Griffin.



3D scans of the *Megalosaurus* head: Archival, i.e., before collapse (top left), broken head (middle left), digitally reconstructed parts (bottom left and right). Images © FCPD & Rhys Griffin.

5.7 Reviving Lost Worlds: A Community Palaeo Planting Project

Through this ongoing project, Friends of Crystal Palace Dinosaurs organised hands-on planting work with a team of volunteers on the Dinosaur Islands, contributing to long-term maintenance of the site. Volunteers take part in planning, clearing and planting historically and scientifically appropriate plants, following guidance by a horticulturist who is realising advice from a paleobotanist for recreating living analogues for environments in deep geological time.



Volunteers for the Paleo Planting Project.
Photographs © Friends of Crystal Palace Dinosaurs

5.8 Dinosaur Days: Heritage Open Days

Friends of Crystal Palace Dinosaurs held our latest Dinosaur Day as part of the national Heritage Open Days in September. 'England's largest festival of history and culture' offered over 3,800 events with ours as one of a small handful getting special highlight on the HOD homepage.

Our Crystal Palace Dinosaur experts contributed a number of special opportunities to give people of all ages and interests a deeper understanding of our heritage site. We had tours on history, palaeontology and architecture, all lead by experts. There were hands-on fossil opportunities from our project partners at Queen Mary University and creative sessions for families, with drawing and badge-making for kids of all ages co-lead with fellow local stakeholders, Friends of Crystal Palace Park.

We have run one or two days of this special weekend for five years now.



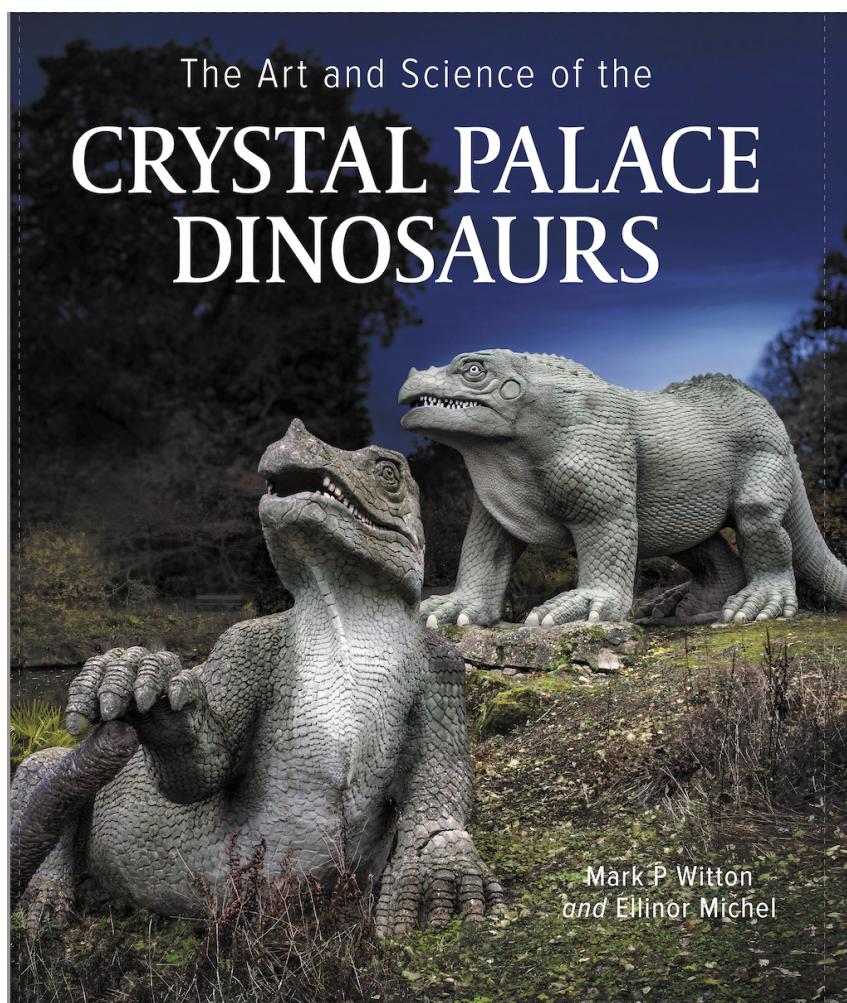
Professor David Hone's public outreach on palaeontology team brought fossils and casts to Dino Day in 2021.
Photograph © Friends of Crystal Palace Dinosaurs

5.9 Research and Publications

5.9.1 The Art and Science of the Crystal Palace Dinosaurs

Friends of Crystal Palace Dinosaurs continued work on our new book *The Art and Science of the Crystal Palace Dinosaurs*, which will be published by The Crowood Press in June 2022. The book is the most detailed treatment ever undertaken on the site, with extensive new archival work and many colour illustrations. It significantly updates and expands on the previous shorter, black and white publication from 1994 with numerous changes to the received narratives about the site. This includes a significant change in recognition of the main creative force behind the site, giving Benjamin Waterhouse Hawkins his due credit and demoting Richard Owen. It also discovered records of seven missing sculptures and outlines the materials and construction of the sculptures, which is essential for future conservation and maintenance.

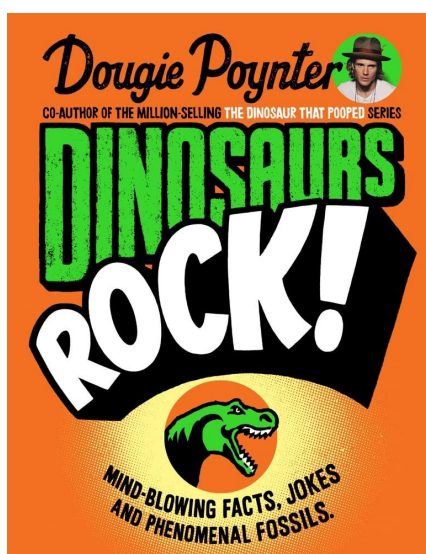
The Art and Science of the Crystal Palace Dinosaurs is researched and written by Dr Mark Witton, a palaeontologist and palaeoartist affiliated with the University of Portsmouth; and Dr Ellinor Michel, the Chair of FCPD and an evolutionary biologist, ecologist and taxonomist at the Natural History Museum.



Cover for *The Art and Science of the Crystal Palace Dinosaurs*.
Published June 2022 by The Crowood Press

5.9.2 Dinosaurs Rock!

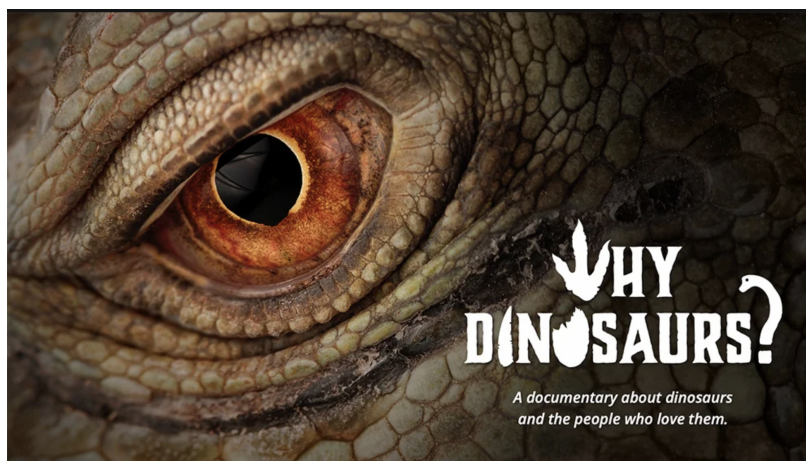
This non-fiction book aimed at ages 9–12 was published in February 2022. The author, Dougie Poynter, interviewed trustee Sarah Slaughter about the Crystal Palace Dinosaurs site and how this relates to the history of palaeontology, plus the work of FPCD.



Dinosaurs Rock!, published by Macmillan Children's Books

5.9.3 Why Dinosaurs?

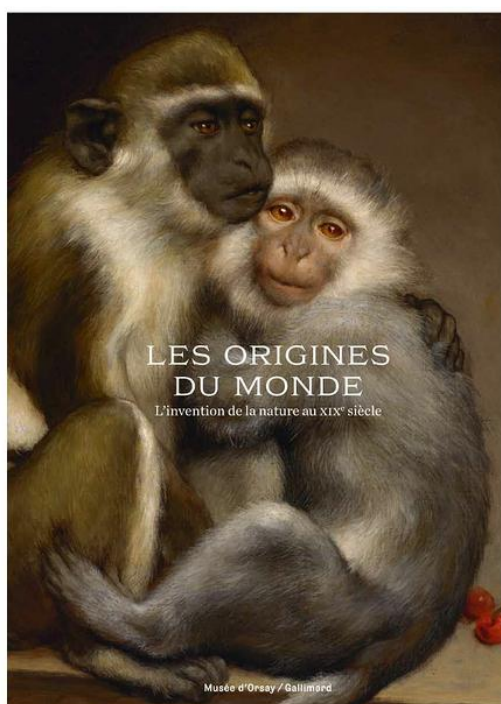
Friends of Crystal Palace Dinosaurs contributed to an upcoming feature-length documentary on dinosaur research and engagement made by James and Tony Pinto.



Why Dinosaurs? film poster

5.9.4 Musee d'Orsay exhibition

Friends of Crystal Palace Dinosaurs was invited to contribute expertise to the exhibition *L'invention de la nature au XIXe siècle* at the Musee d'Orsay, June - November 2021. FCPD also contributed a chapter for the catalogue, titled *The invention and reinvention of dinosaurs: the Nineteenth century discovery* by Dr Ellinor Michel and Dr Mark Witton.



Cover of the exhibition catalogue, co-published by Gallimard / Musée d'Orsay

5.10 Historic England special project

In 2021 Historic England convened approximately 20 of its specialists to develop a complete evidence base on the history, condition and conservation and maintenance needs of the Crystal Palace Dinosaurs. Experts are doing work on bibliography, archival images, structural engineering, material mapping, landscape changes, hydrology, 3D imaging, publicity, etc. This builds on the work of the Friends of Crystal Palace Dinosaurs and is fully collaborative. There have been many meetings of our respective teams and open data exchange. The Historic England project is anticipated to produce its final report in 2023, with FCPD carrying on its custodial, conservation, outreach and engagement activities into the future with other Park stakeholders.

5.11 Outreach and Public Engagement

As Covid-19 restrictions were gradually lifted, the Friends of Crystal Palace Dinosaurs was again able to undertake in-person public engagement through events at the park, visits to local schools, organising lectures by experts on subjects related to the Dinosaurs, and attendance at external events and festivals. Highlights this year included:

- Presentations and visits to local schools, reaching 800+ children.
- Our information stand at Crystal Palace Park provided information about the Dinosaurs to hundreds of park visitors.
- Our chalet at Lightopia from 18 November 2021 - 2 January 2022. Over 36 nights FCPD volunteers engaged with visitors. Approximately 111,000 people attended Lightopia and would have seen the FCPD chalet on their way around the trail.
- An in-depth history tour for aficionados of Steampunk (a subgenre of science fiction).
- Our popular Dino Day on 19 September 2021 welcomed more than 200 people for activities including walking tours, talks, badge making, a fossil table and a demonstration about 3d scanning of the site.
- In collaboration with Kings College London we launched research and production of a series of three guide sheets and three audio guides for the under-appreciated parts of the site: the palaeomammals, palaeoplants and Geological Illustrations. The *Beyond the Dinosaurs* project will deliver these for use on our tours or independently in 2023.



The Friends of Crystal Palace Dinosaurs chalet at Lightopia. © Friends of Crystal Palace Dinosaurs

5.12 Communications

FCPD continued to have an active presence online; on social media with a regular presence on Facebook, Instagram and Twitter; and through our new e-newsletter.

Website

- 144,974 page views (118,931 unique page views)
- Averaging at c. 10,000-15,000 per month.
- 75,487 sessions
- 61,802 users: 87.8% new visitors, 12.2% returning visitors
- Most visited webpage was our 'Visitor's guide' page with 35,776 page views and 'What are Crystal Palace Dinosaurs' webpage with 12,218 page views.
- Our most viewed blog was on the repairs to the *Megalosaurus* with 856 page views (cpdinosaurs.org/blog/post/megalosaur-repair 18 May 2021)

Newsletter

FCPD introduced a newsletter on 8 October 2021, which has grown to 400+ subscribers. The newsletter shares the charity's activities and events, and updates on the Dinosaurs.

5.13 How the Public Has Benefitted

The work of FCPD helps to promote the Dinosaurs and Crystal Palace Park as a significant recreation, tourism and education destination in London.

The Crystal Palace Dinosaurs have long provided a free attraction for schools and families, and encouraged use of the park's green spaces. Due to the impact of the pandemic and the cost of living crisis, this need remains acute as many families living in the area lack green space at home. The area around the park has a greater number of Black, Asian and minority ethnic residents than most of Bromley, giving a positive impact upon green space for those who disproportionately live within an area of deficiency.

The park is noted as a national attraction in Bromley's Open Space Strategy⁴ with a unique heritage, archaeological and historical environment. The Open Space Strategy has been developed to maximise the biodiversity, climatic, ecological, environmental, health, social and wellbeing benefits for residents and communities, as well as making its open spaces feel like 'destinations'. The Dinosaurs are a headline attraction, not only conveying their own rich environmental, scientific and historic narrative, but also acting as a draw that results in additional time and uses of the park by visitors. People come for 'the roar', and stay for more.

The Dinosaurs can be seen to positively impact the local economy. Visitors to the park can use the opportunity to visit the park café, Brown & Green Life, in addition to exploring Penge and the Crystal Palace Triangle and its variety of independent shops and hospitality venues. An array of local artists and designers have been inspired to create and deliver products relating to the sculptures, donating a proportion of profits to the charity and in turn supporting growth of community networks.

The park holds a strategic location on both the Capital Ring and Green Chain 'Walk London' routes and contributes to the diverse portfolio of open spaces in Bromley and London. When possible the Crystal Palace Park Information Centre, run by volunteers with our partner organisation, Friends of Crystal Palace Park (FoCPP), was open for visitors to learn more about the story of the Dinosaurs and the history of the park.

We are currently working on expanding our educational themes to encompass geological perspectives on climate change. The site was originally designed to be experiential and didactic, a paradigm-shifting moment in popularisation of science and a cornerstone in democratisation of big ideas. It can still fulfil that role, addressing current issues, especially extinction, climate and environmental change. The site includes illustrations of iconic animals, plants and geology that allow us to explain the spectacular variation in past climate from Ice Age mammals to tropical forests of the Coal Measures.

We have interpretive programs to reach people from school ages to adults. FCPD has implemented a schools outreach programme targeting primarily Key Stage 1 and 2 students in the local area, ensuring that the core message of science history reaches a broad section

⁴ https://www.bromley.gov.uk/download/downloads/id/6482/draft_open_space_strategy_2021-2031.pdf

of the community with representation from most demographics in the area. Part of the schools outreach programme targets older students in their late teens, and aims to empower them with the skills to set up and run creative or entrepreneurial projects of their own. Dinosaurs inspire the public at all ages, and FCPD has introduced hundreds of local children to the site through school visits and presentations.

The successful repair of the *Megalosaurus*, and ongoing conservation efforts on the Irish Elk ensure that the Dinosaurs remain a visual learning experience for the public now and into the future. The publication of *The Art and Science of the Crystal Palace Dinosaurs* will ensure that knowledge is both produced and shared related to one of London's most important public sites related to the history of science, and made available for both specialist and general audiences.

5.14 Trustee Development

In the first quarter of 2021, Friends of Crystal Palace Dinosaurs participated in the *Raising Our Game* webinar series, an opportunity for the Outdoor Sector to explore a range of themes around Equality, Diversity and Inclusion (EDI) in the outdoors. This free webinar series was a collaboration between the Institute for Outdoor Learning, Association of Heads of Outdoor Education Centres, Mosaic Outdoors, and The Outward Bound Trust and the University of Cumbria. The vision was to stimulate conversation and collaboration on EDI, inspiring action on broadening participation and strategic leadership, particularly within the outdoor learning community.

In June 2021, FCPD completed participation in the *Heritage Compass* programme run by Cause4 and funded by the National Lottery Heritage Fund and Department for Culture, Media and Sport. The programme was designed to provide support to small and medium sized heritage organisations and provides access to training, networking events, mentors and critical friends.

6. Financial Review

6.1 Explanation of Accounts

The accounts are presented in terms of income received and expenditure undertaken over the 12-month reporting period. They thus represent a summary of the actual assets held by the society. During the reporting year FCPD ran one grant-funded project. To reflect this and to allow direct comparison with previous years, the income and expenditure items for the year are grouped by project where relevant. In addition, at the end of the accounts a statement is made of the balance of funds for each project. From this a summary is made of the uncommitted assets of the society.

The externally funded projects FCPD was delivering during the reporting period were:

- *Palaeo Planting Project* - a project to reinstate scientifically appropriate vegetation around the dinosaur sculptures and to deliver a complementary programme of public lectures. The project is funded primarily by LBB with an additional grant from the Stanley Smith Horticultural Trust. Owing primarily to the pandemic this project was in abeyance through most of the year and so expenditure was minimal, but the balance of funds was carried over for use subsequently.
- *General activities.* In addition to these projects the general activities of FCPD include running the website, trustee meetings, production and sale of publicity items, participation in public events, and research activities. We do not have a formal membership scheme but are well-supported by the public, especially locally, through donations and purchase of promotional items. Due to the pandemic public events were significantly curtailed but we did hold a Dino Day event in July 2021, participated in the Penge Festival and hosted a book launch event for Professor Mike Benton. In addition, over the Christmas period we ran a stall for 36 nights at the Lightopia Festival held in the park. To support these public education events we purchased a stall and a video projector. Trustee meetings continued to be held online and so incurred minimal cost.
- *Publication.* A major new activity was co-authorship of a book on the sculptures by Dr Mark Witton (project partner) and Elinor Michel (Chair of FCPD). Some advance expenses for this book appear in these accounts.
- *Donations.* Donations from the public continued at a high level, reflecting the increasing public interest in the sculptures and awareness of the urgent need for their conservation and maintenance. Donations included both numerous small donations and three donations of >£1000. Total donations were £9860.
- *Trading.* With the increased level of public events we had a higher level of trading – primarily sale of our FCPD t-shirts and of the Benton & Nicholls book on Dinosaur palaeobiology. This yielded a surplus for the year of ca. £2000 (the accounts surplus is £1958 but this is misleadingly precise since it does not include change in stock levels).
- *Results and reserves.* Overall, the accounts show a net surplus of £9017. This increase reflects continuing reduced expenditure due to cessation of various activities due to (1) the pandemic and (2) inability to run tours and PalaeoPlanting grounds maintenance/volunteer engagement during renegotiation of the access agreement with Bromley Council (custodians of the sculptures) and with the Crystal Palace Trust (to whom Bromley council is transferring running of the park).

As a result of the surplus our reserves increased to £31823. This level of reserves constitutes a useful resource and will allow us increasingly to: (1) Fund small projects ourselves. (2) Contribute to larger projects, especially where matched-funding can leverage larger grants. (3) Undertake projects which are funded retrospectively. The third factor has been crucial for both the Palaeo Planting Project; here we incurred total expenditure of £14000 before we were reimbursed, and for the Bridge Project where the final £25000 of funds, from the Greater London Authority and Bromley Council were only awarded after completion of the

project. Larger grants are less likely to be funded retrospectively, but we believe it is prudent to maintain reserves of ca £15-25000 in order to enable us to undertake grant-funded projects. Our reserves now exceed this so we now are in the position to fund projects up to about £5000-10000 ourselves.

Accounts prepared by:

Dr. Jeremy R. Young, FCPD Treasurer, December 2022.

Accounts checked and verified by:

Jenny Kitching, Senior Finance Manager TMEA, Tate & Lyle, 5 Marble Arch, London W1H 7EJ

6.2 Remuneration

All Trustees act in a voluntary capacity and receive no remuneration or other material benefits from their services to the Charity.

Out-of-pocket expenses necessarily and reasonably incurred by Trustees and volunteers in promoting the purposes of the Charity are reimbursed at cost.

6.3 Financial Status

The charity's current resources from restricted and unrestricted donations are sufficient to meet its outgoings for at least next year.

All the indications are that this will remain the case for the foreseeable future.

6.4 Details of Any Funds Materially in Deficit

The Charity has no funds which are materially in deficit.

7. Statement of Financial Activity 2021/22

7.1 Declaration

The financial statements have been prepared in accordance with the Charities Act 2011 Section 133.

7.2 Accounts for Financial Year 2021/22

	income	expenditure	net change
Opening balance (from 2010-21 accounts)			
uncommitted funds	£22,695.70		
Funds held for Palaeo Planting Project	£3,355.35		
	£26,051.05		
General activities			
INCOME			
Donations (via Charities Aid Foundation)	£2,261.70		
Donations (via bank)	£2,852.66		
Donations (via website/paypal)	£4,740.82		
Partner sales	£438.85		
EXPENDITURE			
Miscellaneous public events		£220.87	
Lightopia		£220.94	
Publicity banners		£474.92	
Stall for events		£192.72	
Video projector for talks		£426.87	
Trustee meetings (Zoom subscription)		£143.88	
Miscellaneous trustee expenses		£153.41	
Website domain name		£19.47	
Membership of NCVO		£53.00	
Paypal fees		£158.05	
Bridge project - remedial planting and keys		£495.39	
Witton & Michel book - image rights		£165.00	
Witton & Michel book - indexing		£400.00	
	£10,294.03	£3,124.52	£7,169.51
Sale of promotional items			
Sales of books, t-shirts etc.	£4,619.03		
Purchase of Benton book		£481.25	
Purchase of t-shirts		£2,179.51	
	£4,619.03	£2,660.76	£1,958.27
Palaeo Planting Project			
Planting supervision (Louise Yates)		£110.00	-£110.00
Total income/expenditure	£14,913.06	£5,895.28	£9,017.78
Surplus	£9,017.78		

Closing balance	£35,068.83		
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7.3 Statement of Assets and Liabilities

Actual Bank balances on 30th March 2021	
TSB Account	£24,173.25
PayPal Account	£10,377.58
Correction - invoices to be paid in 2022/23	£518.00
	£35,068.83

5.15 Designated or Restricted Funds

Funds held for the Palaeo Planting Project	£3,245.55
Uncommitted funds	£31,823.28
Change in uncommitted funds over the year	£9,127.58

8. Independent Examiner's Report on the Accounts

Section A		Independent Examiner's Report	
Report to the trustees/ members of	Charity Name Friends of Crystal Palace Dinosaurs		
On accounts for the year ended	31 March 2022	Charity no (if any)	1165231
Set out on pages	1-2 of Accounts <small>(remember to include the page numbers of additional sheets)</small>		
Responsibilities and basis of report	<p>I report to the trustees on my examination of the accounts of the above charity ("the Trust") for the year ended 31 / 03/ 2022.</p> <p>As the charity's trustees, you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ("the Act").</p> <p>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.</p>		
Independent examiner's statement	<p>I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination which gives me cause to believe that in, any material respect:</p> <ul style="list-style-type: none"> the accounting records were not kept in accordance with section 130 of the Charities Act; or the accounts did not accord with the accounting records; or the accounts did not comply with the applicable requirements concerning the form and content of accounts set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the accounts give a 'true and fair' view which is not a matter considered as part of an independent examination. <p>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.</p>		
Signed:			Date: 29/01/2023
Name:	Jennifer Kitching		
Relevant professional qualification(s) or body (if any):	Chartered Institute of Management Accountants (CIMA)		
Address:	Flat 3, 49 Wharfdale Road London N1 9RZ		

IER 1 Oct 2018

Section B

Disclosure

Only complete if the examiner needs to highlight material matters of concern (see CC32, Independent examination of charity accounts: directions and guidance for examiners).

Give here brief details of any items that the examiner wishes to disclose.

None