

Welcome to the Museum and Welcome to the Arts

Welcome to the Arts: Dance

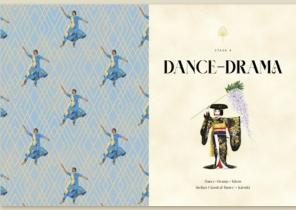


TIMES BEST CHILDREN's BOOKS OF 2023!

- The first title in the new dazzling new Welcome to the Arts series.
- The perfect gift for anyone who is a fan of Strictly Come Dancing or Dancing With the Stars
- Phenomenal immersive artwork by multi award-winning artist, Jason Raish
- Expertly written, lively text by Sadler's Wells CEO, Sir Alistair Spalding
- Published in conjunction with Sadler's Wells Theatre - one of the world's leading dance organisations
- Beautiful large format artwork makes the reader feel they are really there

Welcome to the Arts: Dance



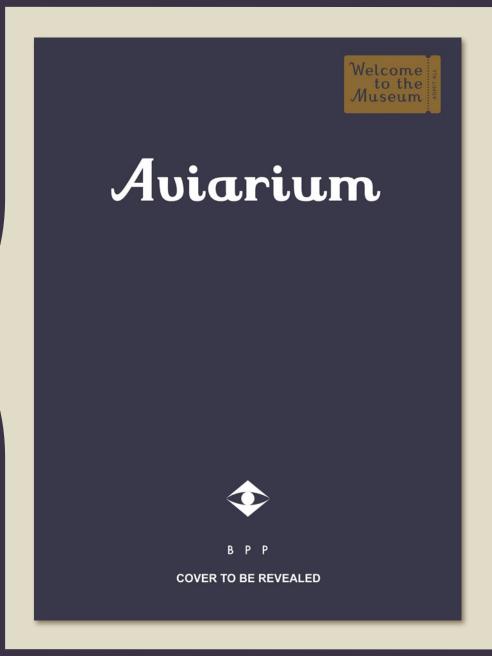






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Author	Alistair Spalding
Illustrator	Jason Raish
Extent	112pp
Word Count	21858 words
Rights Available	World





Step into the Aviarium and explore the wonderful world of birds!

- A comprehensive overview of the world of birds. Chapters include: birds of prey, flightless birds, seabirds, water birds, tropical birds and garden birds
- Beautifully illustrated by nature artist Teagan White, illustrator of the bestselling Oceanarium
- Written by renowned British birder
 Dominic Couzens, author and journalist
 specialising in avian and natural history
 subjects. He contributes regularly to Bird
 Watching and BBC Wildlife magazines
- The Welcome to the Museum series has sold over 2 million copies worldwide

Aviarium



Southern Brown Kiwi







Habitat: Cliffs and Islands

eggs and incubate them, they must at some point go to dry land to breed. This presents problems, because land doesn't suit them. They have webbed feet, which makes perching awkward; their legs are often set far back on the body for back-propulsion in water, and that may make walking difficult. Many have long wings, making the mechanics of

Seabirds' discomfort on land means that they are exceptionally vulnerable to ground predators, usually mammals such as rats, and that often limits them to breeding in places that either lack predators, such as islands, or sites that are hazardous to predators, such as tall cliffs and precipices. The limited availability of such sites means that the visitors all have to pack together, and virtually all seabinds are colonial.

Not every cliff or island will do. The location must be close to the sea, and it must

be within reasonable reach of productive fishing areas. Many seabirds will commute up to about 50km, sometimes much further, but if food is too far away, feeding young

With so much crowding, it isn't surprising that different birds occupy different parts of islands or cliffs. Some live on boulders close to the sea, while others pack on to narrow ledges on tall cliffs. Crevices, holes or burrows are sought after refuges for many species, white others, especially bigger birds, need flat, wide ledges – these may need to be windy to help them take off. Sea caves may be ideal, as may be grassland above cliffs, or very low, sandy islands. One of the great clelights of this habitat is seeing many types of seabirds, each contributing to the noise, smell and general melee.

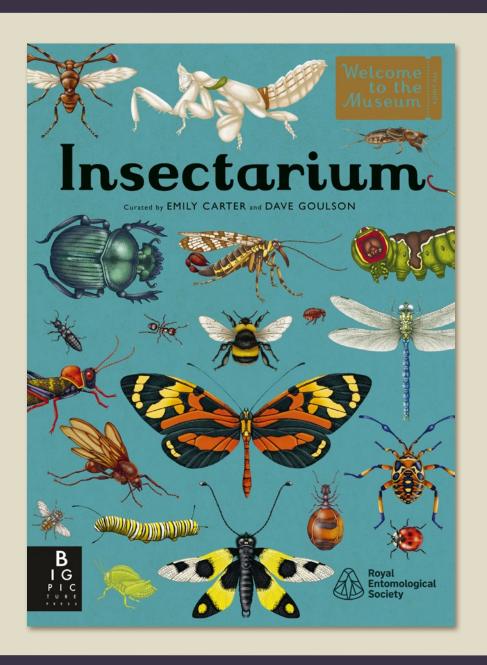
Key to plate

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Insectarium



The next instalment in the Welcome to the Museum series, *Insectarium* explores the fascinating world of insects.

- A new Welcome to the Museum book in the highly successful collection - more than two million copies sold worldwide
- Beautiful artwork by textile designer, Emily Carter
- Environmental concerns and declining insect populations with potentially catastrophic consequences means that insects are a very popular and current topic of scientific investigation.

Insectarium

Mantises



Habitat: Ponds, Streams and Rivers







WASPS, ANTS

Wasps

Wasps, bees and ants all belong to a highly successful group of insects known as the Hymenoptera, with 150,000 known species. The Hymenoptera contains most of the 'eusocial' insects – those that live in large nests with the majority of individuals being

The earliest known wasps appeared about 200 million years ago in the Jurassic period and today more than 100,000 species of wasp have been identified. When most people think of a 'wasp' the common yellow and black social species (known as yellowjackets in North America) comes to mind – the type that tend to cause a nusance at picnics. These are not typical wasps however. The large majority of known species of wasp are 'parasitoid' wasps solitary insects that as larvae live on or in hosts. (usually other insects). These wasps invariably kill their host, bursting from its corpse in a manner that almost certainly inspired the movie Alien (1979). Most parasitoids are small and easily overlooked, and so it is highly likely that huge numbers of species are yet to be discovered.

regurgitated wood pulp. They create a light and strong papier maché that is fashioned into an insulating papery ball containing sheets of hexagonal honeycomb-like cells. In social wasps, the egg-laying tube of the female has evolved into a sting used particularly if the nest is under attack. The nests are typically short-lived, founded by a gueen in early spring and dying out with the onset of autumn.

Wasps are much maligned, yet they serve many important functions as biocontrol agents and important pollinators.

Key to plate —
and built of paper They can grow to
house several thousand workers by late
summer. These wasps are important.
predators of crop peets.

Philosehis biorgulum Langt's Up to 14mm aggregations in sandy soil.

2: Giant Asian hornet species and has a potent sting.

d. Emerable cockreach wasp
Ampulse compressor
Length Up to 22mm
This colourful meet has a sinister
identyle. They are parasitivities of large
cockmaches, stinging their prey in
a particular part of its brain so that the cockroach loses the ability to run every but is otherwise unharmed. The wasp then leads its victim by one of its antennae, like a dog on a lead back to its lair where it lays an egg on the roach. The codirecth then stands.

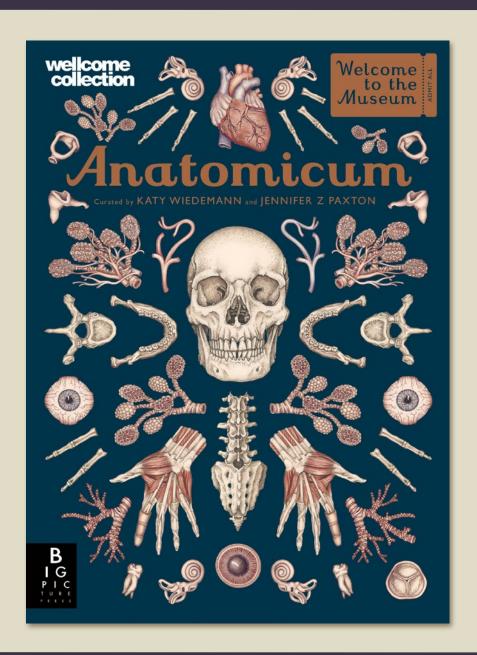
Demodal avoidentals
Length: Up to 17hrsn
The windows formation recentible
Kurry and, Ther bright colours warm
of a powerful drug haven onto are
paracholds aggs of this species are lied
on the broad of various solitary wapp.

27. Gares social wasp. Meganolog procer (weight Up to 77mm. Perhaps the largent wasp species, the gars spools of a parachold of infac-bostio grubs paralysing an unfortunato grub with a string laying an agg on it and then burying it for the emerging wasp grub to concurre at its leauns.



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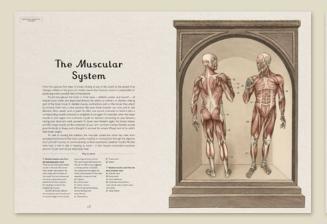
Anatomicum

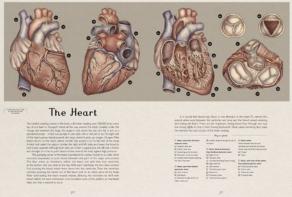


This beautiful book is a feast of anatomical knowledge.

- Contents: The Musculoskeletal System;
 The Cardiovascular & Respiratory
 Systems; The Digestive & Urinary
 Systems; The Nervous System & Special
 Senses; The Immune & Lymphatic
 Systems; The Endocrine & Reproductive
 Systems
- The Welcome to the Museum series has sold over 1 million copies worldwide
- Immaculately detailed illustrations by anatomical artist Katy Wiedemann
- Written by Dr Jennifer Z Paxton, Lecturer of Anatomy at the University of Edinburgh
- The UK edition has the endorsement and features the logo of the Wellcome Collection, London.
- Cover finish: spot UV and 30% silver foil

Anatomicum







The Nose

& Tongue
ses of smell and taste can detect and recognise a st

substance. For modern humans, these senses are most likely to where or appetition or to bring back distant memories but they can also after to a poperation or to bring back distant memories but they can also after to its a potential disease, example toxic chimicals or rotten foot Eyes to they are not usually considered essential. Yet many sears ago, our senses were far more important for our runwike. The replacing remals to states the heiper to keep the body safe from life-threatening inflections that could be found in flaces (poor), drift y water or bacteria-ridden food, which would not have been daily be encounters.

It is thought that the average human can detect several billion different odours. Smeare of smell is most sensitive at birth to high newborns recognize their mother. Smell works by detecting odour motionals which float in the air around us. When we breather they enter the nostrils and pass into the nasal casity — a large space belief the obtainal nors. The most of the masal casity contain millions of recognize reals that detect odours and transfer the 'smell' into an electrical impulse. This signal travels to the brain via a connection called the obligatory nerve.

Although our sense of smell is said to be 10,000 times more powerful than our sense of taste, the two are closely linked, and food tastes different if our ability to smell is impaired. This is something you might have encountered before, especially if you've

eatin while you have a heavy cold or have pinched your nose while chewing food. Thousands of state semon sine found on the top surface of the torigue, on little bumps called pupilse. More commonly known as taste buds these special sensors detect chemicals in the food we eat and send messages to the brain For many years, there were known to be from basic flactours of flood that we can detect sweet, sour, sally and bitter floor recently, a fifth state category has been proposed, called unerst, meaning shourcy in the ligatines changuage.

I: Nose	-
(a) External none Mostly made of	
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odour molecules will enter the nexal	
cavity through the nostrils (ii).	- 5
b) Nasal cavity This space moids the	9
skul is home to the offsctory nerves	

Key to plate

(ii) – the nerves that detect occur
molecules and transmit the sensory
impulse towards the brain.

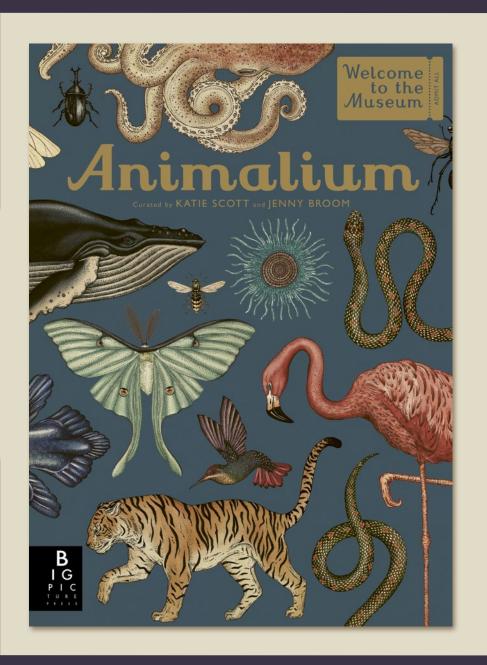
2: Tongue
The tongue sits in the onal cavity
and is made up of several muscles.

surface of the foregat, on latter built, these goods demonst to the brain For many years, to the brain For many years, at we can direct revert jour, been proposed, called uncorni, been proposed, called uncorni, and the proposed proposed



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	Paxton
Illustrator	Katy Wiedemann
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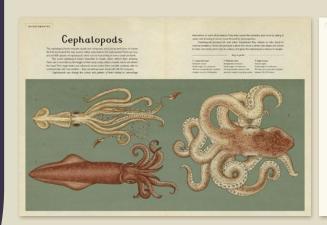
Animalium



Learn how animals have evolved, see inside the dissection laboratory and discover the great variety of habitats on Earth.

- Over 100 full colour, immaculately detailed pages, featuring intricate cut-aways and curated exhibits, from unparalleled talent, Katie Scott
- See the story of evolution unfold and discover Darwin's secrets in this chronologically compiled collection of animal specimens
- Large, high quality format makes this the ultimate gift for book lovers
- Contents: Invertebrates; Fish;
 Amphibians; Reptiles; Birds; Mammals

Animalium



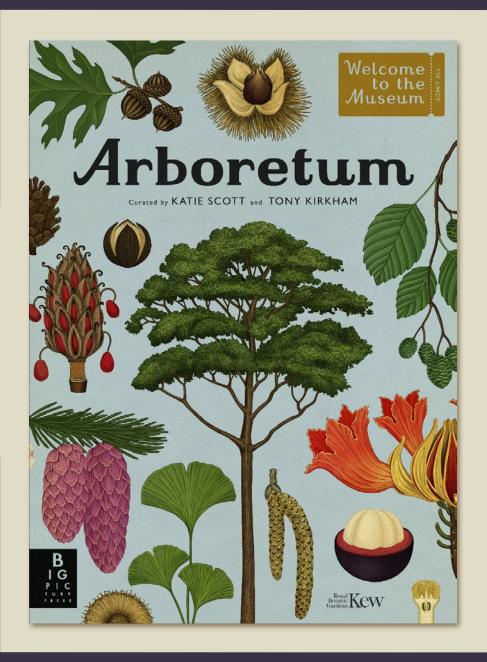






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Illustrator	Katie Scott
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Extent	112pp
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Arboretum



This next instalment in the bestselling Welcome to the Museum collection in collaboration with the Royal Botanic Gardens Kew, is about the incredible life of trees.

 Sample contents: Biomes of the World, How Trees Communicate, Temperate Conifer Forests, Boreal Forest, Redwoods, Cypresses, Douglas Fir, Temperate Broadleaf Forest, Autumn Colour, Shagbark Hickory, Mediterranean Forest, Australian Mallee, Cork Oak, Tropical Moist Forests, Americas Moist Rainforest, Tropical Dry Forest, Baobab, Tropical Nuts and Spices, Gardens, Flower Types, Pollination Types, Handkerchief Tree, Ornamental Trees

Arboretum

The First Trees











TEMPERATE CONIFER

Boreal Broadleaves

Although boreal forests, or 'taiga', are dominated by conifers, there is also a very small but hardy selection of broadleaved trees present, including poplars (Populus spp.), willows (Salix spp.) and birches (Betula spp.).

While generally short-lived species, rarely reaching 100 years, these trees have many characteristics that help them survive in the taiga. They can all grow, flower and fruit during the short summer, and then shed their leaves at just the right moment to prepare for the long winter. Their compact leaves have a small surface area, which means they can be produced quickly – ideally suited for a forest with a short growing season - and they are also able to withstand strong winds. Position is important too The broadleaved trees grow near water, making the most not only of the available moisture there, but also the light levels around lakes and rivers where there is no competition from the dense-leaved conifers. In the northern tundra, these trees are short and stunted but further south, towards the temperate broadleaved forest, they have straighter trunks and grow taller.

Boreal broadleaves are pioneer species which means they are the first to appear

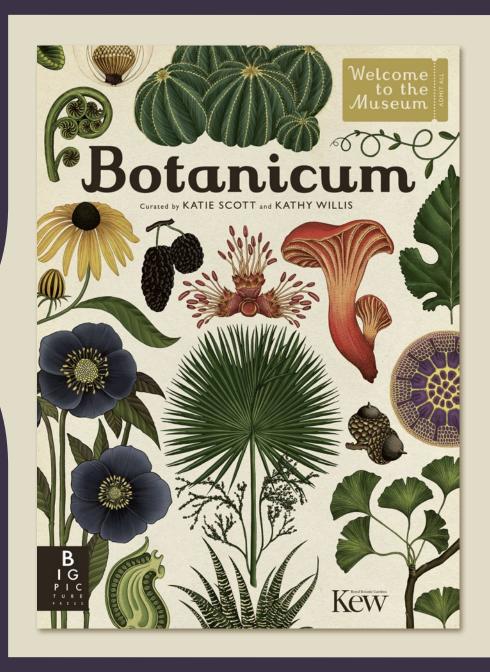
in disrupted environments, such as a fire-ravaged forest. While a forest fire might kill off conifers, broadleaves can resprout from their trunks or regrow new trees from their underground roots, which are not damaged by fire. Their lightweight seeds are easily spread, either by a breeze or by birds and other animals, which means the broadleaves can establish themselves in an area before the conifers have even begun to recolonise.

Insigned them the common name of it is the souths of battle of Cuess, an qualing of the high approximation of the common that is a promoting facilities (see page 12) bits a similar breakfold (see page 12) bits a breakfold of the common that deat relactions. these relactions.

the entire tength, which makes them popular are covered with a resinous sap. The moosewood is so named because trendle when the wind cathles them. It is the satings turpertine aroma. It is bank a consumed by moose. This gives them to common name of it is the source of boths of Glober, an in visitor. The tree is also incom-

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Illustrator	Katie Scott Limited
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Rights Available	World

Botanicum



From perennials to bulbs to tropical exotica, Botanicum is a feast of botanical knowledge.

- Botanicum has sold over 37 thousand copies worldwide. The core Welcome to the Museum books have sold a combined quantity of over 1 million copies worldwide (as of July 2022)
- Contents: The First Plants; Trees;
 Palms and Cycads, Herbaceous Plants;
 Grasses, Cattails, Sedges and Rushes;
 Orchids and Bromeliads; Adapting to
 Environments
- Shortlisted for the British Book Design & Production award.
- Created in consultation with The Royal Botanic Gardens Kew, this title has been created with world-class experts and advisors

Botanicum

Auguse In the control of the contro







THE FIRST PLANTS

Club Mosses, Horsetails and Whisk Ferns

The common names we use for plants are sometimes not an accurate reflection of scientific definitions. Cub moses, for example, are not actually moses, in fact they are vacular plants. This means that they contain a vell-developed system of specialised cells, intown as vacular bundles, which allow the plants to grow upright and much tailler than bryophytes, which laid a vessual in yatem (see pages 10–11). Horsetals and whisk ferms also contain vacular strands.

These three groups of plants, which reproduce by opones, have audient feedges and on other referred to a fining feeds the because there are foolier mentin disting from 400–370 million years ago that are very similar in structure to the dub moises, bornetals and whils form were seg owing dough, but with one important difference the premed feed yeards are small helps.—Issually less that I mi in height, By comparison, their accretion seers given small helps.—Issually less that I mi in height, By comparison, their accretion seers given small helps.—Issually less that I mi in height, By comparison, their accretion seers given small helps.—Issually less that I mi in height, By comparison, therein, the helps of he helps of the control of the helps of the h

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27 White Nern
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3: Horsetall Equature lyemale Cone height I cm Cone

The spores of horsetals come fro

5: Field horsetall Equisetum overse Height: 20-50cm

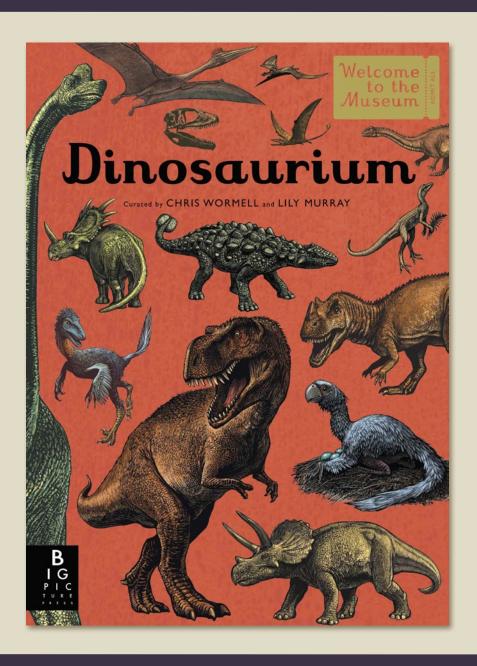
The vegetative shorted of field horvestals have solvaried branches an look feething. The actual leaves are areal, papers; and fixed into a sheath on the stem. The connective that contain the spores are found on pain, forette shoots, which given barline the larger or years ones Field horsenal green vegetative ones Field horsenal grow in dump or set places.

Sponsphyli of a clab moss
Lysopodum cloratum
Sponsphyli length 2~25mm
Sponsphylis are tiny leaves that bea
the soorange (spons production

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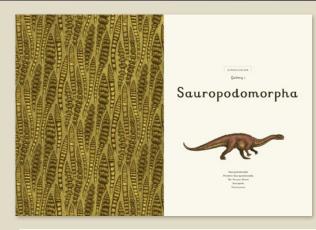
Dinosaurium



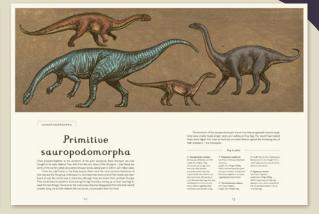
Featuring a comprehensive collection, from the legendary T. rex and Triceratops to lesserknown species.

- Dinosaurium has sold over 240,000 copies worldwide. The core Welcome to the Museum books have sold a combined quantity of over 1 million copies worldwide (as of July 2022)
- Contents: Sauropodomorpha;
 Theropoda; Ornithopoda; Thyreophora;
 Marginocephalia; Non-Dinosaurs
- Artwork by Chris Wormell, illustrator of award-winning title H is for Hawk and La Belle Sauvage: The Book of Dust Volume One by Philip Pullman
- The book's consultant, Jonathan Tennant, was a research palaeontologist at Imperial College London.

Dinosaurium









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At the beginning of the Trissis, temperatures were warmer than they are today. The was no ke on the poles and a vast desert covered the inferior of Prayeas on higher cooler ground-ground-perm Splants with exposed seeds) could be found as well as conferous threats. The climate around the coast was now much wetter, and it was here that most

life on land, with both the early ancestors of mammals and dinosaurs appearing for

The climate around the coast was now much wetter, and it was here that most life existed. There were mosses and ferris, spiders, scorpions, millipedes, certipedes and beetles. The Trissic also saw the appearance of the first grasshoppers.

beetles. The Triassic also saw the appearance of the first grasshoppers.

The largest life forms on land were mammal-like reptiles known as therapsids, and the archosaurs by the mid-Triassic, the archosaurs had branched into the first dinosaurs, and by the Late Triassic, the wriged pteroaurs, the first vertebrates capable of active flight.

and by the Late Triasse, the winged pterosaurs, the first vertebrates capable of active flight. The earliest mammal ancestors evolved at the very end of the Triassic, from the therapsids. These were trip, shrew-like creatures that fed either on plants or insects.

14

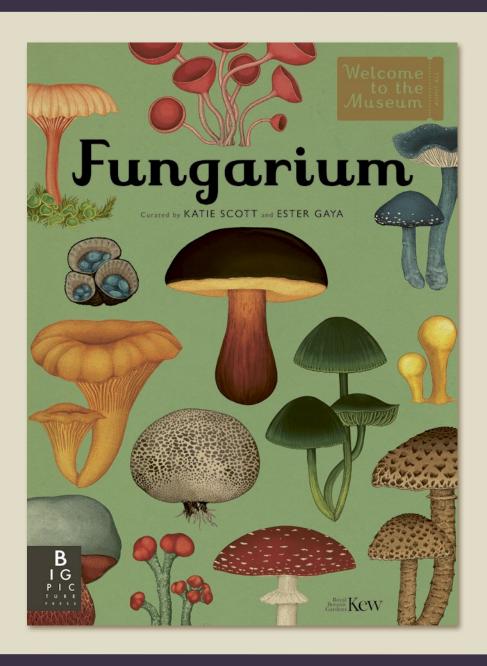
Pastesechus night Seri, Weigler, 680kg top prediktor in North America, elessiches was an arthoseir with lanker uprajet logs, making it a fast.

A top produter in North America. Protessorha was an arthouser with plan-like opingle logi, moleng & a fast, agin humen it fixed alongistic the small direases of fair tem. See Geologistics. This familiates were much shorter than its hindlinds, suggesting & may have walled on two logs.

d': Anaxoniosylan antensicum A species of conifer, forests of v in covered North America is the I wly Triasic, ha closest relative today in monkey puzzle tree. 6: Marganucodon
Length (1/cm; Vicigle: 27-87);
ch An early marrinal arcestor.
d Marganucodos sill had reptilion
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it laid eggs, which were probably

15

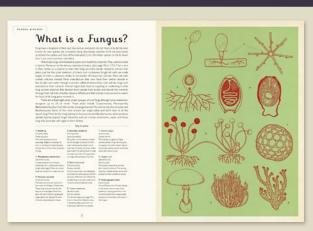
Fungarium



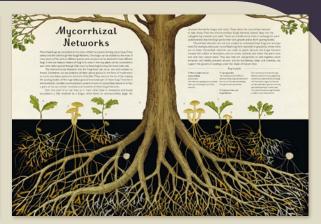
Step into the world of fungi and learn all about these strange and fascinating life forms.

- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies worldwide (as of July 2022)
- Katie Scott, the illustrator of Animalium and Botanicum returns to Big Picture Press with a spectacular exploration of the world of fungi
- The Royal Botanic Gardens, Kew completed their report into the State of the World's Fungi in September 2018, gaining much media interest. Fungi is a topic that is becoming more popular.
- Written by the mycology department at the Royal Botanic Gardens Kew.
- This is the perfect introduction into one of the most unusual life forms on the planet. Title has adult crossover appeal.

Fungarium







FUNGI AND HUMANS

Plant Pathogens

Although most fungl perform helpful roles in recycling nutrients in ecosystems, some have adopted a different filestyle that is harmful to the plants they interact with Fungl that attack plants (fungle plant pathogens), are a response, accurate of crop dimenge, causing hage financial costs in agriculture and even threatening the supply of food to our tables. The price we pay for common food items in the shops is dependent on our success in our origing straigle with these fungl, it is estimated that 8-21 per cent of the six major food crops are lost to fungil pathogens and a further (0 per cent is lost after the crops are harvested.

bood crops are not to using plantages are hardered.

Newplant pathogens emerge on a regular basis, but our Innovietige of their edistence extends basis to antiquity. A student of Aristotie, Theophrastus, provided one of the first written descriptions of flugal rust diseases. In the seventeership century in Europe, farmers observed as connection between the presence of barbery plants growing on the margins of wheat fields and the levels of stem rust dismage to wheat. This proved to be a valuable ringist, as barbery is now known to act as a host for the wheat stem rust Ruccinia gromins. Digging up and destroying the barberry plants turned out to be an effective way of controlling the rust disease.

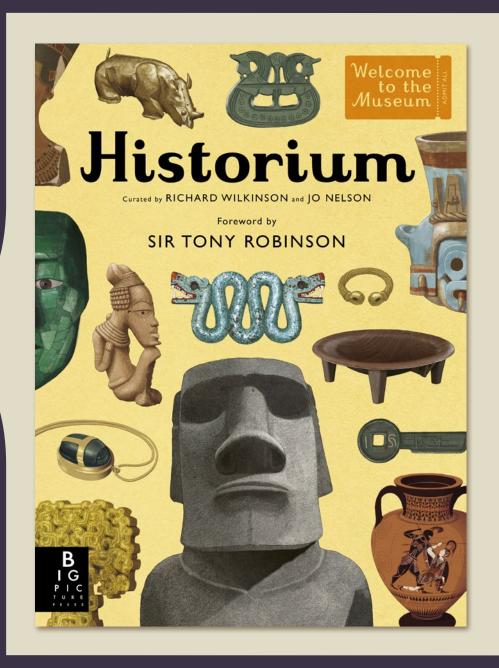
Turgi adopt three broad strategies to infecting plants. They can infect plants and live off their nutrients while keeping the plants alive (biotopics), they can infect plants complict and digest the dead plant matter (incorrotopin) or they can start out as bipast complict, and digest the dead plant matter (incorrotopin) or they can start out as brigging bree land, and gives the despite (lest) their infection begins when a larging spore lands and pagint. Note, bylase (ligat) (e) interper from the upone and spread arous the writine of the leaf booking for a way in Some fung such as the rusts search out a natural poening—the stomated pores which allow water in and out of a plants? Aleas, for example, Others use a hardened hybrid to to push through the leaf surface. Once they have gained entry, Lugali participers interfere with the plants' ability to defend their Forenzinghic controllers, betting the controllers of the plant which is them. Biotopic's first gainting entry and reflect dissual alive against the will def the plant which is trying to stop pathogous lesser infected tissual alive against the will defend be plant which is trying to stop.

ooking for a way in. satal pores which all idened hyphal tip to thogens interfere with is may release toxic	Some fungi such as the rusts of a plan tow water in and out of a plan push through the leaf surface the plant's ability to defend it is to kill plant cells and then	of spread across the surrace of search out a natural opening- it's leaves, for example. Other it. Once they have gained entry self. For example, necrotrophic digest them. Biotrophic funga e plant which is trying to stop
	Key to plate	
es not adiforme causes basel stem not in oil cons in Southeast Asia. The ucos woody brackets on he inlected tree.	Witcher broom disease Monlisphthors periolose This pathogen infects occos trees, causing reduction in yield of up to 90 per cert. It is also necessare to furnishes.	Dank honey fungus Armiforio ostayas Some honey fungi am mojor pethogens of trees and shrube, toming black strands (shapmorphs) which spread through the soil and
In disease novoulni novierly aggresive cause	A: Rice blast disease Pyrioxione organe This infects rice plants, causing	split the bark from the wood: One colony of Armillons gallos forms the humangous fungus' occupying 70 hectures of lonest in Michigan State.
n doesoe. It is spread by a that lives in galleries incide the trees.	brownsh feating to appear on the leases. It destroys enough nice a year to feed (IO million people.	(United States), it is believed to be the largest organism on Earth.



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	PLG
	Ester Gaya
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Rights Available	World

Historium



Explore the wonders of the past in this stunning collection of over 160 historical artefacts.

- Updated text and new cover design including matt lam and foil treatments
- Included foreword by Sir Tony Robinson
- A beautiful collection of artefacts from ancient civilisations around the world.
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies in 48 languages with Historium selling over 100,000 copies (as of July 2022)
- Historium was shortlisted for the People's Book Prize.

Historium



once covered the interior walk of

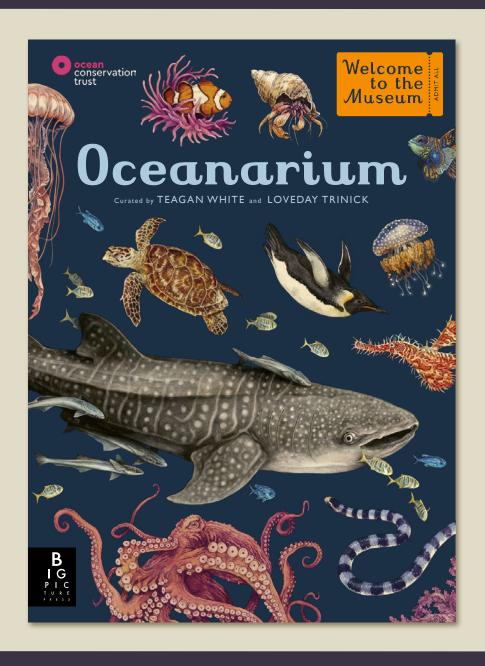






Pub Date	15/09/2022
Pub Price	£25.00
ISBN	9781800783003
$H \times W$	370 × 272mm
Binding	Hardback
Age Range	9-11 years
Author	Jo Nelson
Illustrator	Richard
	Wilkinson
Extent	112pp
Rights Available	World

Oceanarium



Explore the planet's largest and most important habitat.

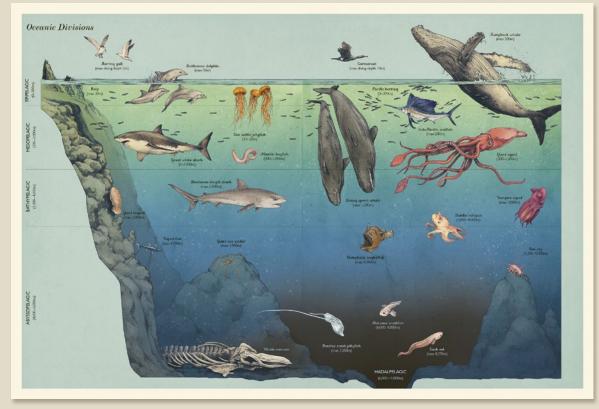
- The Welcome to the Museum series has sold over 1 million copies worldwide
- Contents: Plankton; Cnidaria; Molluscs and Echinoderms; Arthropods; Fish; Mammals; Birds; Reptiles; One Ocean
- Delicate gouache and watercolour paintings by American artist Teagan White
- Written by expert Loveday Trinick from the National Marine Aquarium, Plymouth, UK
- The UK edition has the endorsement and features the logo of the National Marine Aquarium, Plymouth, UK
- Cover finish: spot UV and 30% foil

Oceanarium



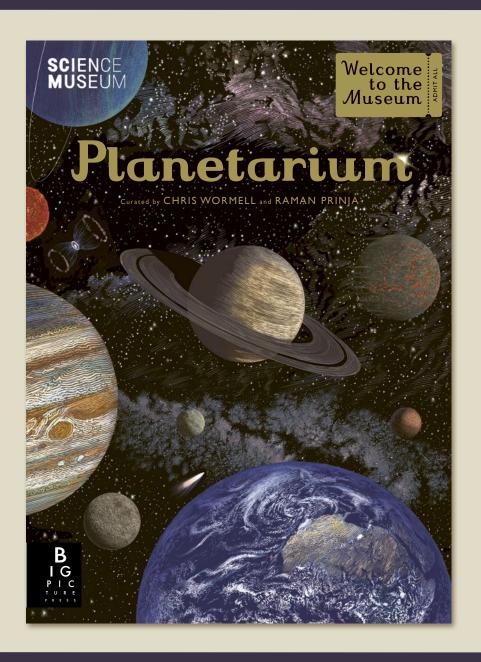






Pub Date	14/10/2021
Pub Price	£25.00
ISBN	9781787416314
$H \times W$	370 × 272mm
Binding	Hardback
Age Range	9-11 years
Author	National Marine
	Aquarium
	Loveday Trinick
Illustrator	Teagan White
Extent	112pp
Word Count	20000 words
Rights Available	World

Planetarium



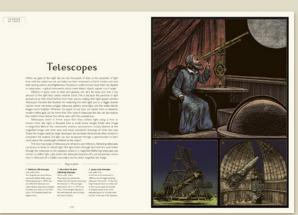
Step inside the pages of this beautiful book to discover galleries of galactic matter.

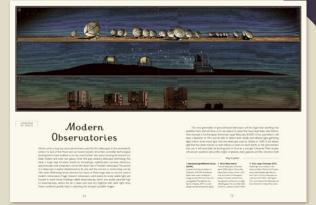
- Author Raman Prinja, professor of astrophysics at University College London, was awarded the Science Communication award by the American Institute of Physics for this work.
- Artwork by Chris Wormell, illustrator of award-winning title H is for Hawk and La Belle Sauvage: The Book of Dust Volume One by Philip Pullman
- The Welcome to the Museum series has sold over 1 million copies worldwide.
- Contents: Looking at Space; The Solar System; The Sun; The Stars; The Night Sky; Galaxies; The Universe
- The UK edition has the endorsement and features the logo of the Science Museum, London.
- Over 60 full-colour, immaculately detailed illustrations.

Planetarium









LOOKING AT SPACE

Space Telescopes

Earth is surrounded by a blanket of gases called the atmosphere, which contains the air we breathe and shields our planet against harmful rays from the Sun, Fortunately, we can see right through the atmosphere to the planets and stars beyond it, but when we come to study these objects in detail, the atmosphere can present some problems: moving pockets of air obscure images taken by visible-light telescopes, and the atmosphere can block out whole parts of the electromagnetic spectrum. So to obtain the clearest images of space and detect the whole of the electromagnetic spectrum, astronomers

Integer of space and oetact the minor or the electroning lines, special and automories have to position their telescopes high above the atmosphere.

Astronomers began to get around this problem in the 1950s, by attaching telescopes to large helium-filled balloons which carried their instruments up above the lower layers of air. However, it soon became clear that what they really needed were free-flying telescopes in orbit around Earth. During the late 1960s, several astronomical satellites were successfully launched, mounted with the first gamma ray, X-ray and ultraviolet telescopes to be placed in orbit. Then, between April 1990 and August 2003, NASA launched its four 'Great Observatories' in space. Marking a whole new era in space exploration, each telescope was designed to examine a particular part of the electromagnetic spectrum. The Compton Gamma Ray Observatory (which returned to Earth in 2000) observed gamma rays; the Chandra X-ray Observatory observes X-rays; the Spitzer Space Telescope observes infrared light; and the Hubble Space Telescope observes visible and near ultraviolet light (after a service mission in 1997 it can also detect near infrared light). The Hubble has sent back some of the most

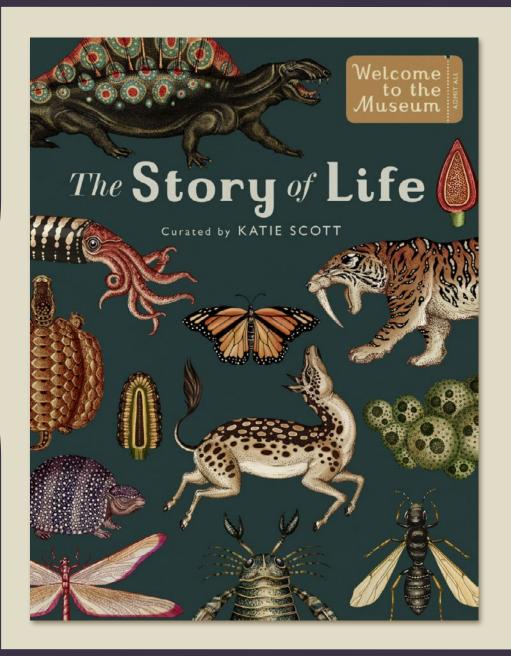
It will us

elescope (JWST), or	e next era of space telesco biting at a vantage point 1.5 eer more than 13.5 bilion light	million km away from Ea
Webb Space Telescope	S: Hubble Space Telescope	Universe, These waves are given o
5 million km above Earth	Location: SSO(m above Earth	mysterious objects such as black I
Due 2020	Launched: 24 April 1990	and exploding stars. Located in lo
telescope will study	During its long career; several	Earth orbit, this telescope tales ju
phase in the history of	astronauts have visited Hubble on the	95 minutes to orbit Earth once.
se. It will be six times more	Space Shuttle to maintain it. Its main	
han the Hubble telescope.	twisscope collects about 40,000 times	5: Chandra X-ray Observet
	more light than the human eye.	Location; mox, 139,00km above E
r Space Telescope		Launched: 23 July 1999
30 million im above Earth	4: Fermi Gamma-ray Space	Almost a third of the way to the
75 Avenue 2007	Telescono	Moon Chandra departs V.m.s.



Pub Date	06/09/2018
Pub Price	£25.00
ISBN	9781787411579
$H \times W$	370 × 272mm
Binding	Hardback
Age Range	9-11 years
Author	Raman Prinja
Illustrator	Chris Wormell
Extent	112pp
Word Count	21300 words
Rights Available	World

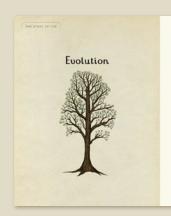
The Story of Life: Evolution (Extended Edition)



See evolution in action with this chronological compendium.

- This addition to the Welcome to the Museum series features all of Katie Scott's original artwork from the concertina Story of Life, plus lots of extra text and six new images.
- With detailed artwork by Animalium and Botanicum illustrator Katie Scott
- A comrehensive guide to evolution, from the first cells to modern man
- Beautifully packaged hardback book format
- Over 800,000 Welcome to the Museum copies now sold in 28 languages

The Story of Life: Evolution (Extended Edition)



Evolution is the scientific theory of how living things gradually change and develop over time to form new species. This process is largely driven by natural selection, whereby the organisms best suited to survive in their environment pass on their traits to the next generation.







PRECAMBRIAN 4.6 bya - 541 mya

Precambrian Period: First Life

The Precambrian is the name given to the first time period on Earth. During the billions of years of the Precambrian, the Earth formed and cooled, Volcanoes belched out gases, rocks formed from volcanic lava and the oceans condensed from atmospheric vapour. It is thought that life first appeared in these mineral rich waters as simple chemicals spewed through vents in the Earth's crust under the oceans, and reacted with one another to form more complex compounds.

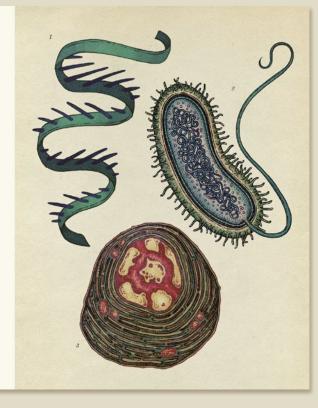
Some of these molecules then combined and developed the ability to copy themselves, using the complex chemicals DNA, RNA and proteins - the building blocks of life. The next step was the protection of these chemicals with a membrane to form the first simple organisms.

The very earliest of these were single-celled organisms called prokaryotes - cells that do not have a nucleus (control centre) or any other subunits. Instead, all of their component chemicals float together, protected by the cell wall. It is thought that all life on Earth evolved from one such single cell, referred to as the Last Universal Common Ancestor (LUCA). This probably lived around 3.8 billion years ago.

Length: Less than 0.001 micrometres RNA is present in all living cells and takes the form of a chain of molecules.

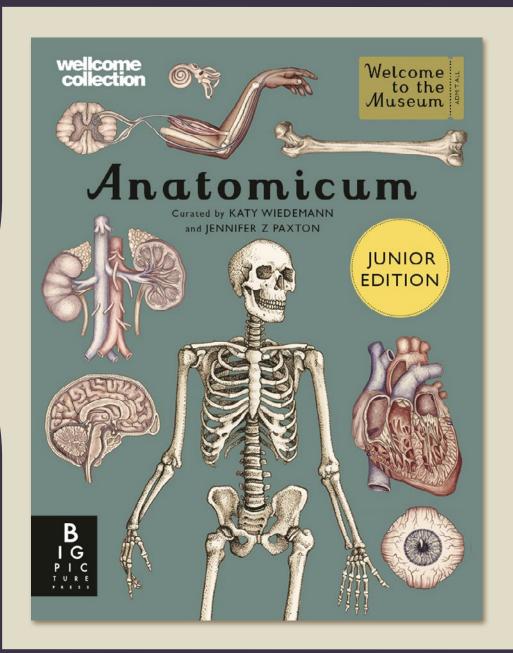
Length: 0.1 – 5.0 micrometres The cell's tai-like flagelium enables it to move The cell wall is

Last Universal Common The cell that links all



Pub Date	07/09/2017
Pub Price	£12.99
ISBN	9781783706822
H×W	246 × 189mm
Binding	Hardback
Age Range	9-11 years
Author	Ruth Symons
Illustrator	Katie Scott
	Limited
Extent	80рр
Word Count	7000 words
Rights Available	World

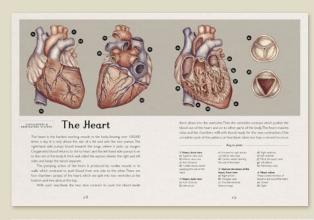
Anatomicum Junior

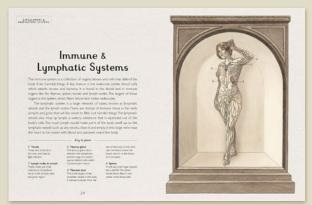


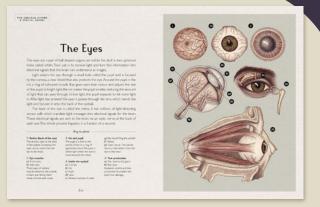
Explore the incredible human body with specially written text for younger readers.

- Anatomicum has sold over 100,000 copies worldwide (as of July 2022)
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies in 48 languages (as of July 2022)
- Written by Jennifer Z Paxton, Professor of Anatomy at Edinburgh University, and two-time winner of the Wellcome 'I'm a Scientist' competition
- Abridged format makes the perfect alternative to the large-format Anatomicum, and offers an alternative price point for consumers
- The Junior edition opens the series up to a younger age group and features a reworked text in a smaller format
- Illustrated by anatomy specialist and tattoo artist Katy Wiedemann

Anatomicum Junior





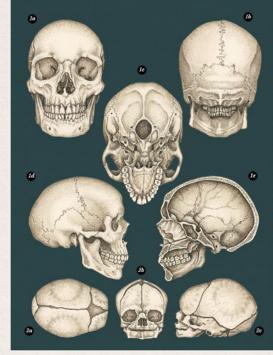


MUSCULOSKELETAL SYSTEM

The Skull

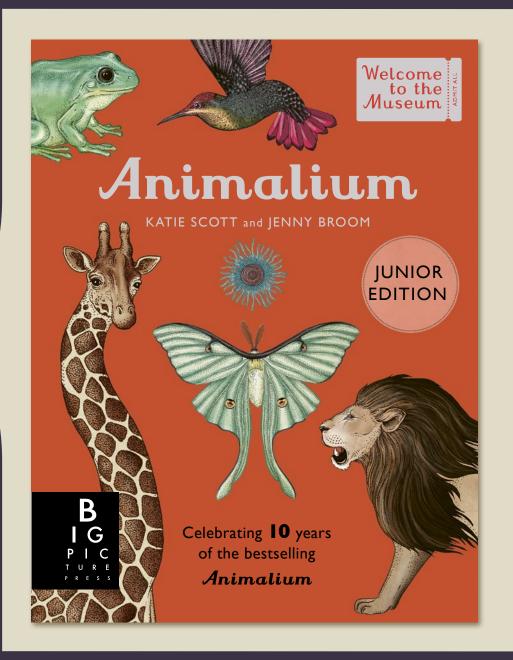
Underneath the skin and muscles of our head lies the skull, a protective home for the brain and sensory organs (the eyes, ears, nose and tongue). It is formed of 22 individual bones. The top part, or vault, is formed of eight bones and acts like a helmet, shielding the delicate brain inside from injury. The other 14 bones provide shape for the face and jaw. Only one of these, the mandible, or jawbone, can move. This bone is joined to the skull by a hinge joint (see page 16), w

16), which lets us open a	and close the jaw during che	ewing and talking.	
Most of the skull bo	ones have air-filled spaces in	nside them called sinuses.	
	hter and make our voices		
	e are also holes called forar		
	t the brain connect with ot		
	vessels to pass to and from		1000
You might notice that	it the ears and nose aren't	visible. This is because the	fd
structure of the nose and	d ear is made from cartilage	This material is softer and	
decays more quickly than	bone.		
	their skull might give us of	lues about them. We can	
	thnicity by studying the skul		
	o find out about ancient cu		
			1
bones to uncover clues a	bout the cause of death in o	rnminal cases.	
	Key to plate -		
1: Adult skull	e) Cross-section from the side:	can cope with the rapid growth	
a) From the front b) From the back	The space inside the skull where the brain sits is called the cranial	of a baby's brain, from only about 350c at birth to nearly	
c) From the base (without jaw):	fossa.	600g in the first three months.	3000
The large central hole in the		a) From the top: The diamond-	
base of the skull is called the	2: Newborn skull	shaped area is the soft spot.	
foramen magnum. This is where the spinal cord comes out of	The bones of an adult skull are fused together and cannot move.	b) From the front: Infant skulls have a bigger forehead and a	A
the skull to travel down the	but in babies, these joints are	smaller jaw than adults' skulls.	
vertebral column.	made of more flexible material.	c) From the side: Note the large	
d) From the side	These soft spots mean the skull	forehead and small jaw.	2a
			24



Pub Date	06/08/2020
Pub Price	£12.99
ISBN	9781787416543
$H \times W$	246 × 189mm
Binding	Hardback
Age Range	7-9 years
Author	Jennifer Z
	Paxton
Illustrator	Katy Wiedemann
Extent	80рр
Word Count	14000 words
Rights Available	World

Animalium (Junior Edition)

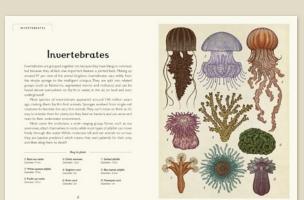


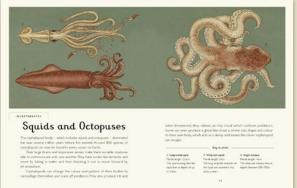
With text especially written for younger children, more readers than ever can discover the wonders of the animal kingdom in the *Animalium Junior*, the new edition of the international bestseller.

- Abridged format makes this the perfect alternative to the large-format book, and offers an alternative price point for consumers.
- Phenomenal vintage-inspired artwork by award-winning artist Katie Scott
- Cover finish: matt lam and 100% foil

Animalium (Junior Edition)

Flying Insects







INVERTEBRATES

Habitat: Coastal Waters

Coastal habitats appear where the sea meets the land. They are areas of constant change as waves, tides and currents continuously affect the landscape. Despite these challenges, life in coastal areas is the richest in the world. With rivers flooding into the sea and waves constantly eroding the land, there's a never-ending source of nutrients.

Many of the creatures that live in coastal waters, such as crabs, limpets and scallops, have hard shells which protect them from the sharp rocks and powerful currents. Some, such as mussels, can open their shells, allowing them to sift the water for food, while others hunt for prey hiding in crevices.

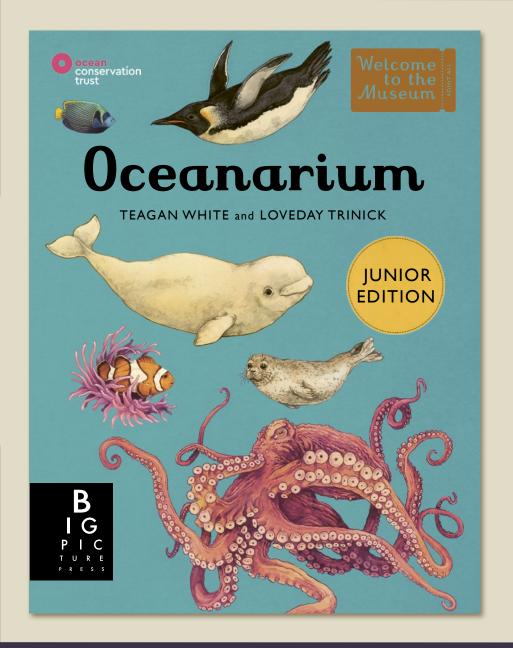
Some areas of the coast are above the water at low tide and below the water at high tide. Many animals that live in these areas – known as intertidal zones – have cement glands that allow them to anchor themselves to a rock and stay put as the tides rise and fall. Others, like starfish and octopuses, have powerful suckers on their arms which help them to grip slippery surfaces.

	Key to plate -	
1: Northern short-fin squid Mantle length: I 4cm	5: Lettuce sea slug Length: 5cm	9: Striped venus clam Length: 4cm
2: Crown jellyfish	6: Blue mussel	10: Little grey barnacle
Diameter: 20cm	Length: 7.5cm	Length: 9mm
3: Bushy-backed sea slug	7: True tulip snail	11: Cushion star
Length: 10cm	Length: 13cm	Diameter: 24cm
#: Calico crab	8: Calico scallop	
Width: 7.6cm	Length: 8cm	



Pub Date	08/06/2023
Pub Price	£12.99
ISBN	9781800783706
$H \times W$	246 × 189mm
Binding	Hardback
Age Range	7-9 years
Author	Jenny Broom
Illustrator	Katie Scott
	Limited
Extent	80рр
Word Count	8000 words
Rights Available	World

Oceanarium (Junior Edition)



Written for younger children, more readers than ever can discover the wonders of the animal kingdom in the *Oceanarium Junior*.

- Cover finishes: matt lam, spot UV and foil
- Abridged format makes this the perfect alternative to the large-format book, and offers and alternative price point for consumers.
- Beautiful vintage-inspired artwork by award-winning artist Teagan White
- Published in conjunction with the National Marine Aquarium, part of the Ocean Conservation Trust.

Oceanarium (Junior Edition)

Phytoplankton









PLANKTON

Zooplankton

Some zooplankton are the larvae of animals, and will grow and eventually mature into crabs, fish and other sea creatures. Others, such as copepods, will remain tiny organisms their whole lives. Floating by the thousands in every drop of water on the ocean's surface, zooplankton and phytoplankton form a life-filled 'soup' which will ultimately feed almost every other animal in the ocean.

Both phytoplankton and zooplankton play an important role in ocean food chains. While phytoplankton use the sun's energy to make food, zooplankton provide the link between phytoplankton and larger sea creatures. Some are herbivores and graze directly on phytoplankton, while others are predators and hunt for smaller zooplankton. Many are eaten by larger animals. Amazingly, blue whales can consume as much as four tonnes of krill in a single day.

Despite their minute size, zooplankton travel from the ocean's surface to the murky depths and back again every day. This is called vertical migration and it allows them to feed on phytoplankton at the surface at night, avoiding predators that hunt there during the day. With so many of these animals completing a daily round trip of around 2,000 metres, it is one of the largest migration events on Earth.

Key to plate

1: Sea butterfly

This tiny snail provides the main food source for a type of sea slug of copepod. called the sea angel.

Lengtl: Up to 50mm These larvae move in sync with There are 10,000 species of these the tides in order to reach deeper marine worms, also known as sea coastal waters. mice and feather duster worms.

Length: Approx. Imm These larvae eventually get too heavy and sink to the seabed.

4: Copepod Length: Up to 5.5mm 7: Sunfish larvae

Length: Approx. 2mm There are around 13,000 species An adult sunfish can grow to nearly 2m, meaning there's a big and adult, Huge, flat and circular, a sunfish looks a bit like a swimming head!

By weight, krill are likely to be the

S: Antarctic krill

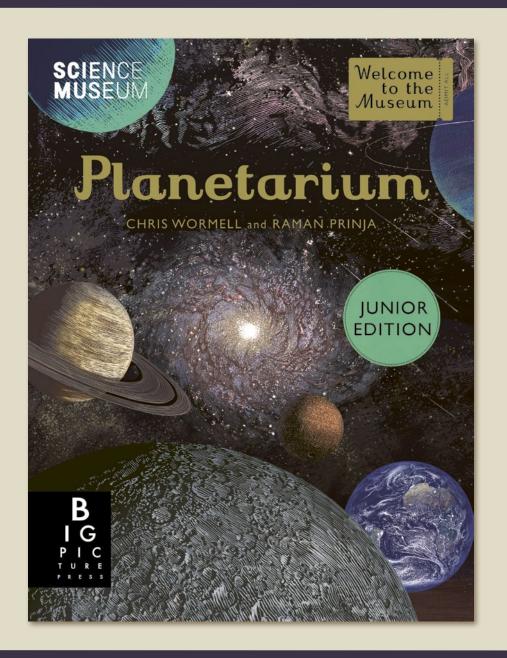
5: Green shore crab larvae

6: Swordfish larvae An adult swordfish can be 3m long and a fearsome predator



Pub Date	09/05/2024
Pub Price	£12.99
ISBN	9781800784895
$H \times W$	246 × 189mm
Binding	Hardback
Age Range	7-9 years
Author	Loveday Trinick
Illustrator	Teagan White
Extent	80рр
Rights Available	World

Planetarium (Junior Edition)



With specially written text for younger readers, step inside the museum to explore the Universe in all its glory.

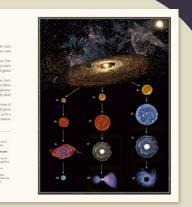
- Planetarium has sold over 210,000 copies worldwide (as of July 2022)
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies in 48 languages (as of July 2022)
- Intricate woodcut artwork by Chris Wormell, illustrator of award-winning title H is for Hawk (Vintage, 2015) and La Belle Sauvage: The Book of Dust (Penguin Random House, 2017)
- Written by Professor Raman Prinja, professor of astrophysics at University College London

Planetarium (Junior Edition)

Star Life Cycles







PLANETARIUM

Our Place in the Universe

The Universe contains absolutely everything from tiny atoms to giant galaxies. It is so big that it can be hard for us to imagine its size. But one way of doing this is imagining Earth's 'cosmic address'. So, instead of writing down a house number, street, town and country, we replace each line with larger and larger structures in space.

Our cosmic address starts with our planet, Earth. Earth is one of eight planets in the Solar System, so that is the next line. The Sun is at the centre of the Solar System and is one of 200 billion stars in the Milky Way Galaxy; the Milky Way is one of about 50 galaxies in a cluster called the Local Group; this is one of many galaxy clusters in the Virgo Supercluster; and finally the Virgo Supercluster is part of a region in space called Laniakea. This means that our cosmic address is: Earth, Solar System, Milky Way Galaxy, Local Group, Virgo Supercluster; Laniakea, Universe.

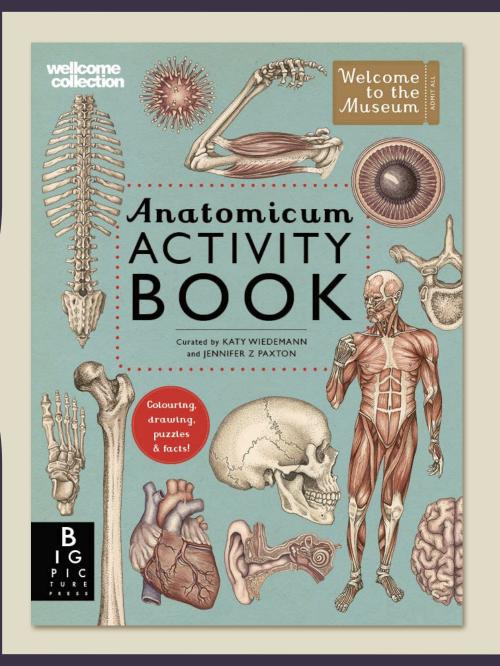
While this helps us imagine the Universe, scientists still need ways of measuring its sheer size. Miles and kilometres are no help at this scale. Instead, astronomers use light years — the distance light travels in one year. Since light has a speed of 300,000km per second, the distance it travels in a year is 9.5 trillion km. The distance between our Sun and the planet Neptune is 0,0005 light years. The Milky Way is 100,000 light years across. But largest of all the Libinerie is 93 hillion light years wide.

Since light has a speed of 300,000km per second, the distance it trave in a year is 9.5 trillion km. The distance between our Sun and the plane Neptune is 0,0005 light years. The Milky Way is 100,000 light years acros But largest of all, the Universe is 93 billion light years wide.			
Key to plate			
e) Milky Way Galaxy d) Local Group e) Virgo Supercluster	f) Laniakea g) Universe		
6			
	km. The distance bets t years. The Milky Way niverse is 93 billion light Key to plate — c) Milky Way Calaxy d) Local Group e) Virgo Supercluster		



Pub Date	07/02/2019
Pub Price	£12.99
ISBN	9781787414969
$H \times W$	246 × 189mm
Binding	Hardback
Age Range	7-9 years
Author	Raman Prinja
Illustrator	Chris Wormell
Extent	80рр
Word Count	14000 words
Rights Available	World

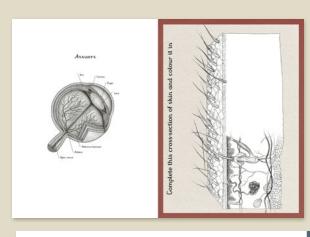
Anatomicum Activity Book



Informative, imaginative and artistic activities for young scientists everywhere.

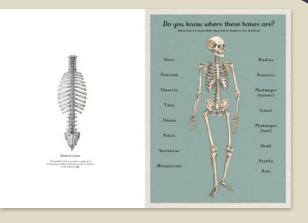
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies worldwide (as of July 2022)
- Beautifully presented activities, including colouring in, drawing, mazes and puzzles.
- A careful blend of informative and creative activities feed into the core book and are supported by key non-fiction information.
- Perfect for fans of Anatomicum and the Welcome to the Museum series

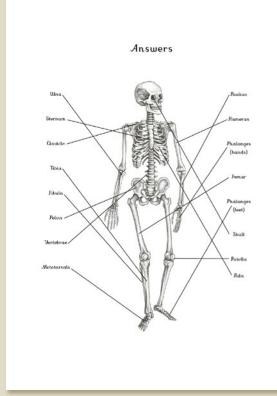
Anatomicum Activity Book

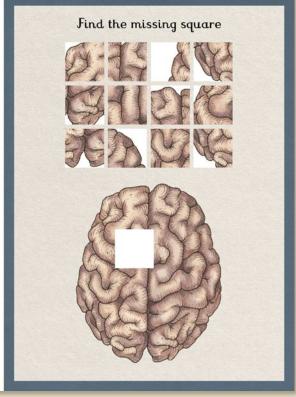






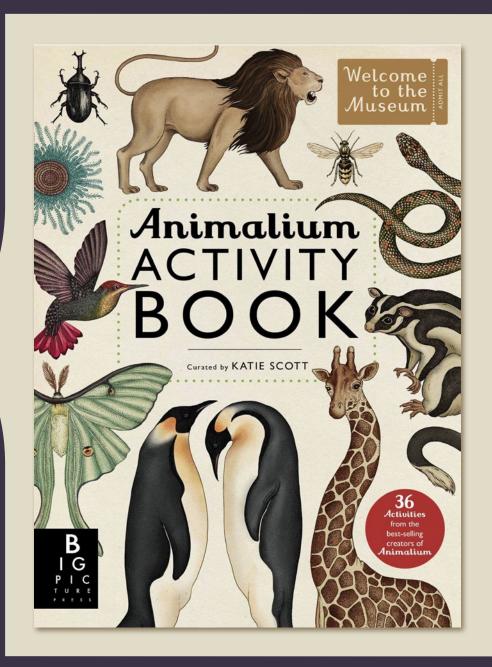






Pub Date	05/03/2020
Pub Price	£10.99
ISBN	9781787416390
$H \times W$	305 × 224mm
Binding	Paperback
Age Range	7-9 years
Author	Jennifer Z
	Paxton
Illustrator	Katy Wiedemann
Extent	72 pp
Word Count	1900 words
Rights Available	World

Animalium Activity Book



Informative, imaginative and artistic activities for young naturalists everywhere.

- From the illustrator of 2014's bestselling Animalium, which won the Sunday Times Children's Book of the Year and has been shortlisted for the Blue Peter Award
- Activities including colouring in, drawing, mazes and puzzles - feed into the core book and are beautifully presented in Charlie Harperesque-style. Accompanying texts provide facts and interesting information
- Animalium has sold over 540,000 copies worldwide. The core Welcome to the Museum books have sold a combined quantity of over 1 million copies worldwide (as of July 2022)
- Animalium is a Sunday Times and CILIP award winner.

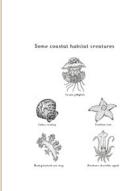
Animalium Activity Book

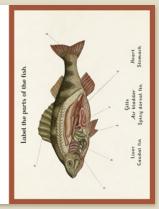


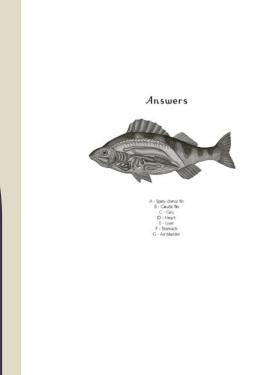


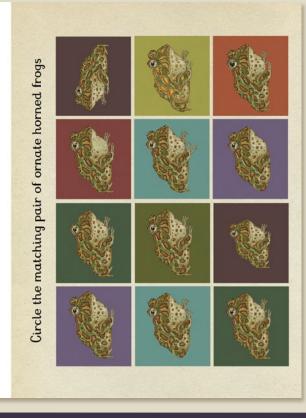






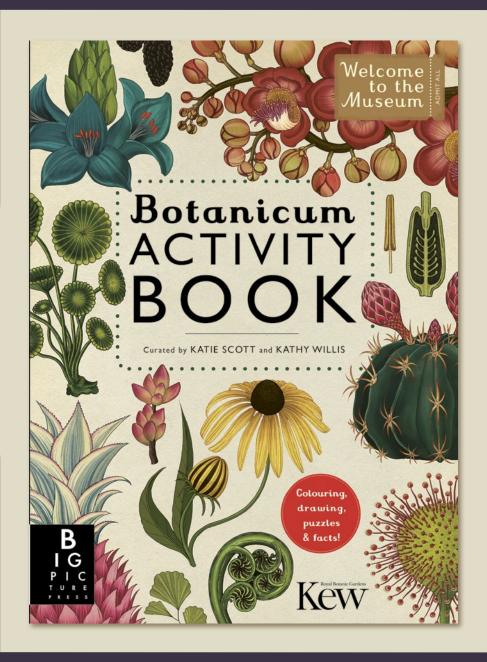






Pub Date	01/07/2015
Pub Price	£9.99
ISBN	9781783703432
$H \times W$	305 × 224mm
Binding	Paperback
Age Range	7-9 years
Illustrator	Katie Scott
	Limited
Extent	72pp
Rights Available	World

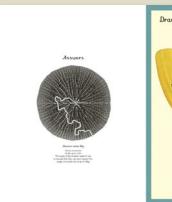
Botanicum Activity Book



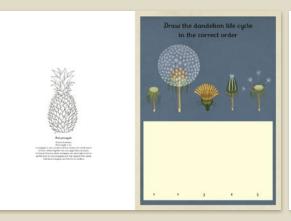
Informative, imaginative and artistic activities for young naturalists everywhere.

- Botanicum which has sold over 370,000 copies worldwide. The core Welcome to the Museum books have sold a combined quantity of over 1 million copies worldwide (as of July 2022)
- Beautifully presented activities, including colouring in, drawing, mazes and puzzles, feed into the core book
- Accompanying text by expert Professor Kathy Willis provides facts and interesting information
- From Botanicum which was shortlisted for the British Book Design and Production award.

Botanicum Activity Book

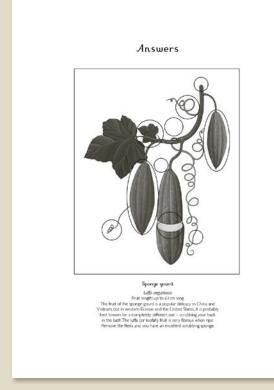


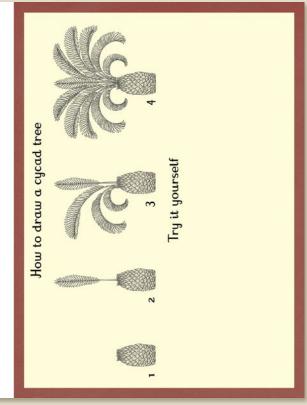






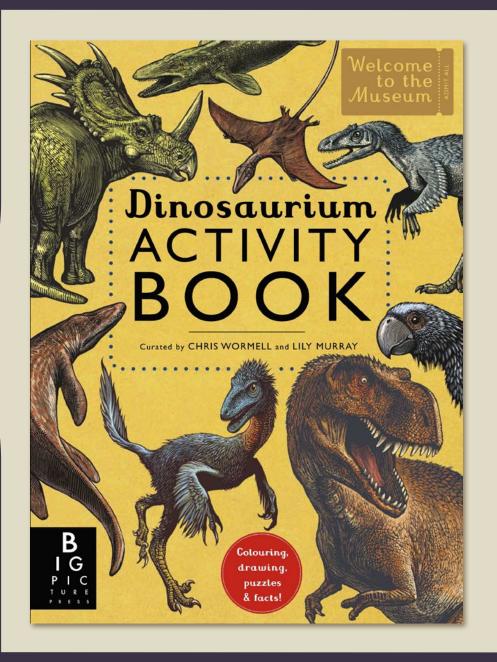






Pub Date	06/04/2017
Pub Price	£9.99
ISBN	9781783706792
$H \times W$	305 × 224mm
Binding	Paperback
Age Range	7-9 years
Author	Professor
	Katherine Willis
Illustrator	Katie Scott
	Limited
Extent	72 pp
Word Count	200 words
Rights Available	World

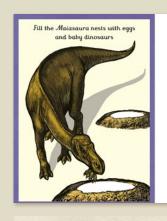
Dinosaurium Activity Book



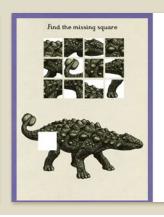
Informative, imaginative and artistic activities for young naturalists everywhere.

- Dinosaurium which has sold over 240,000 copies worldwide. The core Welcome to the Museum books have sold a combined quantity of over 1 million copies worldwide (as of July 2022)
- From the illustrator of *Dinosaurium* and the cover of Philip Pullman's *La Belle Sauvage: The Book of Dust Volume One*
- Beautifully presented activities, including colouring in, drawing, mazes and puzzles, feed into the core book

Dinosaurium Activity Book



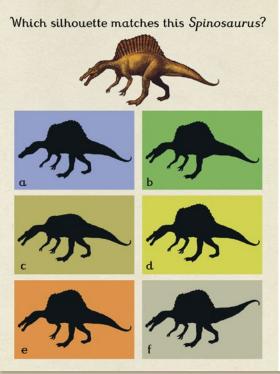


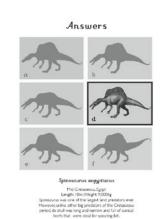






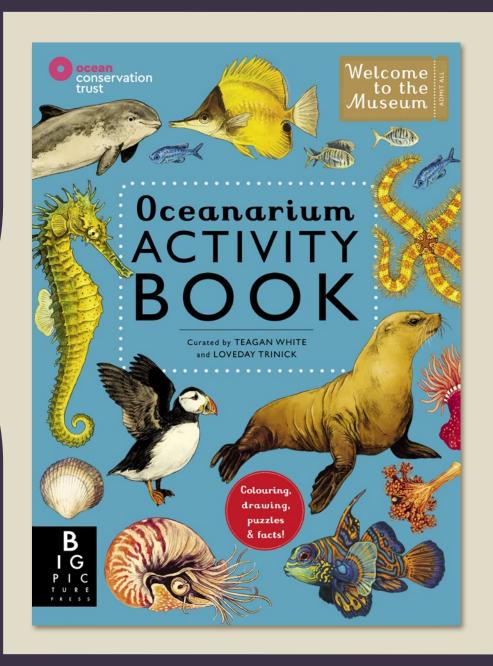






Pub Date	19/04/2018
Pub Price	£10.99
ISBN	9781783706945
$H \times W$	305 × 224mm
Binding	Paperback
Age Range	7-9 years
Author	Lily Murray
Illustrator	Chris Wormell
Extent	72 pp
Rights Available	World

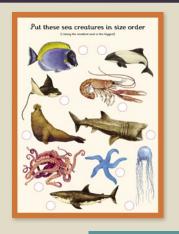
Oceanarium Activity



Activities for nature lovers everywhere.

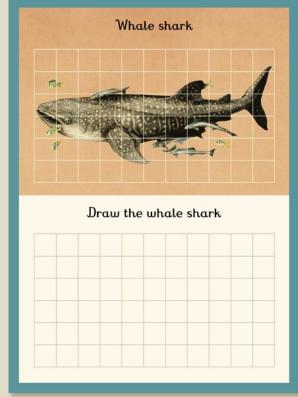
- The Welcome to the Museum series has sold over 1 million copies worldwide, with Oceanarium selling over 100,000 copies (as of July 2022)
- Beautifully presented activities, including colouring in, drawing, mazes and puzzles.
- A careful blend of informative and creative activities feed into the core book and are supported by key non-fiction information.
- Delicate gouache and watercolour paintings by American artist Teagan White
- Written by expert Loveday Trinick from the National Marine Aquarium, Plymouth, UK
- This book has the endorsement and features the logo of the National Marine Aquarium, Plymouth, UK

Oceanarium Activity



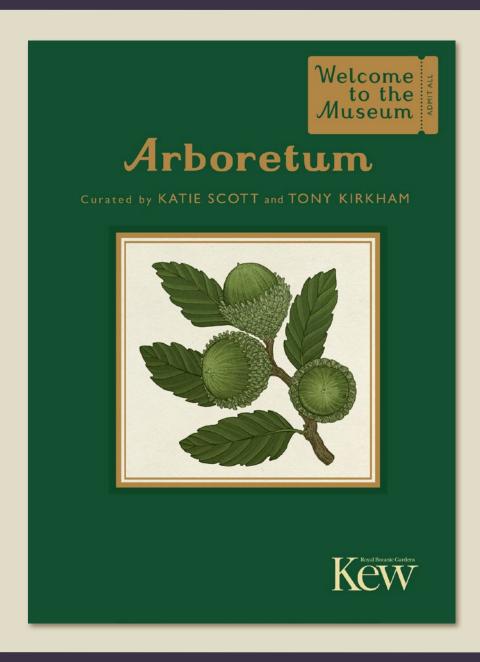






Pub Date	09/06/2022
Pub Price	£9.99
ISBN	9781800782433
$H \times W$	305 × 224mm
Binding	Paperback
Age Range	5-7 years
Author	Loveday Trinick
	National Marine
	Aquarium
Illustrator	Teagan White
Extent	72 pp
Word Count	1900 words
Rights Available	World

Arboretum Mini Gift

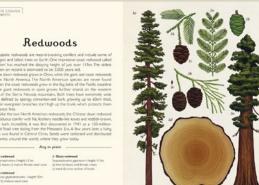


An elegant mini edition of Katie Scott and the Royal Botanic Gardens Kew's beautiful *Aroboretum*.

- Beautiful mini gift package makes this the perfect gift
- Foil, deboss and arlin cover finishes, plus a ribbon
- Written by retired Head of the Arboretum at the Royal Botanic Gardens, Kew
- Stunning artwork by bestselling and much-loved artist Katie Scott
- Celebrating 10 Years of Extraordinary Illustrated Books
- Publishing in collaboration with the Royal Botanic Gardens, Kew

Arboretum Mini Gift









TEMPERATE CONIFER FORESTS

Boreal Broadleaves

Although boreal forests, or 'taiga', are dominated by conifers, there is also a very small but hardy selection of broadleaved trees present, including poplars, willows and birches.

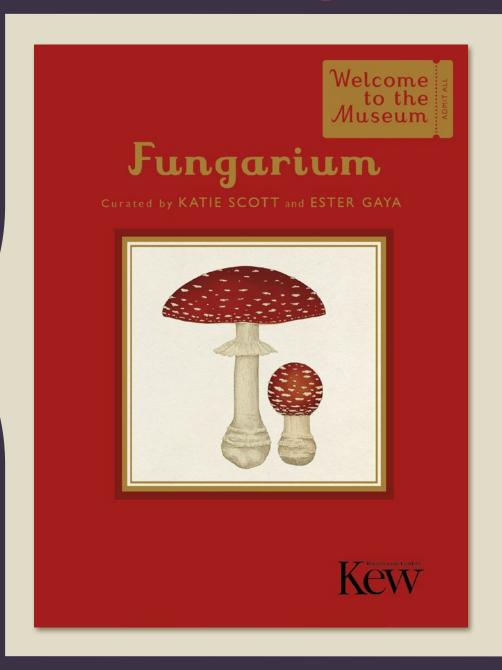
While generally short-lived species, rarely reaching 100 years, these trees have many characteristics that help them survive in the taiga. They can all grow, flower and fruit during the short summer, and then shed their leaves at just the right moment to prepare for the long winter. Their compact leaves have a small surface area, which means they can be

produced quickly – ideally suited for a forest with a short growing sease – and they are also able to withstand strong winds. The broadleaved trees grow near water, making the most not on of the available moisture there, but also the light levels around lakes ar rivers where there is no competition from the dense-leaved conifer in the northern tundra, these trees are short and stunted but further soul towards the temperate broadleaved forest, they have straighter trunks ar grow taller.		
y to plate		
4: Balsam poplar		
Populus balsamifera Height: 30m		
Flower		
5: White birch		
Betula papyrifera Height: 20m		
a) trunk/bark b) male flower c) leaf		
6: Moosewood		
Acer pensylvanicum Height: 10m		
a) leaf b) twig and buds c) trunk/bark		
10		
1000		



Pub Date	22/08/2024
Pub Price	£9.99
ISBN	9781800784901
$H \times W$	170 × 125mm
Binding	Hardback
Age Range	7-9 years
Author	Royal Botanic
	Gardens Kew
	PLG
Illustrator	Katie Scott
	Limited
Extent	64pp
Word Count	23000 words
Rights Available	World

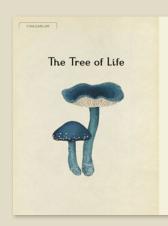
Fungarium (Mini Gift Edition)



An elegant mini edition of Katie Scott and the Royal Botanic Gardens Kew's beautiful *Fungarium*.

- Beautiful small format is ideal for gift purchases
- Luxurious finishes including foil, arlin, deboss and ribbon
- In collaboration with the Royal Botanic Gardens Kew
- From the award-winning illustrator of *Animalium* and *Botanicum*, Katie Scott.
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies in 48 languages (as of July 2022)

Fungarium (Mini Gift Edition)



All species on Earth are related and connect together in a 'tree of life'. But what does the fungal tree of life look like?

This is a difficult question to latewer, Sometimes similarlocking fungi are not at all closely related. Also, because a large proportion of species are still awaiting discovery; it is difficult to build an understanding of historical relationships of the langdom fungi.

The As helping us to understand how the brainches of the fingal tree fit sugether, including the discovery of new brainches such as the Chyptomycota and Microsporida. These two early groups were originally thought not so contain chein, a key feature of fung (see puge 10), but DNA later proved this wong. Other groups, including downy mildows (Domycota) and silme moulds (Myxomycota) have been proved to not believa to fur one believa to fur one believa to fur.

The exilent leng and thought to have evolved around one billion years ago and to have been simple, insight content organisms that lived in water. Around 700 million years ago the evolutionary transition from aquais to land-develling fung is estimated to have taken place. Accompands and Busidemynosts are the two funging groups that all to form highly complex spore-bearing structures. These groups formed around 600-000 million years ago and together contain the vast majority of known fungil species – around 140,000 in tools.

Research on the fungil tree continues and a whole new invisible dimension of fungil diversity in our soils, bodies and waterways is being explored – the so-called dark taxa. FUNGARUM

What is a Fungus?

Historically, lung were treated as plants and studed by botanists. They were included in Species Plantinarian by the famous naturalist Linnaeus in 1753. But fung aren't plants they don't make food by photospithesis, they don't have roots and they reproduce with spores. Lichem's are not, plants either: they are a collaboration between a fungal element and a photospithesising aligne (innoval as photospithesising aligne (innoval as photospithesis).

Fing are in fact more deaply related to remain than plates, Just laid to outer skeletons of rescale and crusticests. Engal cell will see that largely of shife. White armals ingest their food by enguling or swallowing fing is certice recyrrects that discover food outside her bodder and will only increase the nutrients through their cell walls. Another difference is that animals more amount to sourch for food, while furnity only towards is.

Key to plate -

: Red marasmius

& Pixie-cup lichen Godonia chlorophasa

Leathery goblet motodorno elegans 9: Fly agaric Amonto muscano 39: Lane Cove waxcap Higragide latecovensis

2: Turkeytail fungus



FUNGARIUM

Types of Fungi

just like animals and plants, fungi have their own lesser-known kingdom. New species are constantly being discovered and scientists think of the estimated 2.2 to 3.0 million species on Earth, fewer than 5 per cent have

There are at least eight phyla (major groups) of true Full Cryptomycots, Microsopodia, Blastocialisimycots, Chyrtidiomycots. Son Ziopajacmycots, Microsomycots, Ascomycots, and Bissidiomycots. Son of the most aniester are single-celled and don't bots it all files typical (Mini-Most familiar fung) belong to Ascomycots and Bissidiomycots, which product septiate hybriate (typical fungal filaments) and can include muchrosom, yeast and those fung that associate with aligne to form inchest.

1: Rozelle sp. (Cryptomycots)

(file (file

ota) B: Upright coral (Baidomycota) schoefernol Ranoaio stricta

5: Black bread mould (Mucoromycota) iu)

9: Cladia aggregata licher



FUNGAL BIOLOGY

Sexual Reproduction

Fungi can reproduce both sexually and asexually. This is rare and caused great confusion in the past because each reproductive form would often be classed as a distinct species. Even today, scientists sometimes use DNA to identify reproductive 'pairs' of the same fungus.

Sexual reproduction in fungi can only be seen with a microscope. Two nuclei (the membrane-bound structures that contain the cell's genetic material), each with a single set of chromosomes (thread-like structures in which the DNA is packaged in the nucleus), must fuse together. It is a complex process that involves cell division and the exchange and rearrangement of genes. Living organisms including fungi do this because it ensures genetic diversity, fundamental to evolution and ultimately survival. The fusing nuclei can be from the same individual, or different ones of the same species. Once nuclei are fused, they remain in special cells from which new spore-producing structures arise. The new spores will form new fungal colonies.

Key to plate

1: Common field mushroom

Agaricus campestris
a) Development of a mushroom
b) Part of a gill showing basidia and basidiospores.

2: Common jellyspot fungus

Fork-shaped, branched basidia.

3: Common rust fungus

The stalked spore includes a row of four cells with two nuclei each.

4: Zygorhynchus sp.

 a) The process of hyphae forming a zygosporangium
 b) Zygosporangium and zygospore
 formed

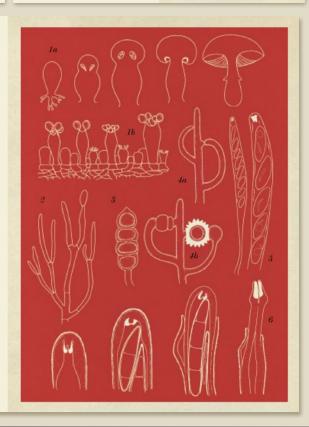
Candlestick or candle snuff fungus

Xylaria hypoxylan As in most ascomycetes, the asci contains eight spores.

6: Dog lichen

Peltigera canina Produces asci with a special form

.



Pub Date	03/08/2023
Pub Price	£9.99
ISBN	9781800784239
H×W	170 × 125mm
Binding	Hardback
Age Range	7-9 years
Author	Ester Gaya
Illustrator	Katie Scott
	Limited
Extent	64рр
Word Count	9457 words
Rights Available	World

Welcome to the Museum: A Christmas Pop-Up Advent Calendar



The perfect gift, spread joy this
Christmas with this decadent pop-up advent calendar, part of the bestselling
Welcome to the Museum family.

- Published in conjunction with the Royal Botanic Gardens Kew
- High quality and made from sturdy material, the re-usable decorations and beautiful tree will take pride of place on any Christmas table, year after year.
- Beautiful artwork by textile designer, Emily Carter
- Luxury finishes including 100% foil cover, and interior box.

Welcome to the Museum: A Christmas Pop-Up Advent Calendar

Reindeer

MAMMALS

a year. As one of the earliest domesticated animals, reindeer share an heir useful dew claws to grip onto slippery surfaces and burrow throug the snow, feasting on the ferns, fund and ligher hidden below.

predators and stay safe even in the dark, bleak winter when sunlight

- Key to plate -		
J: Write sprace Free grace This large everyons under is the northernoot species	tropine is alturning further north towards the Archi- tundra, it is possible that warning temperatures caused by climate change	ters, is an area where the soil would contailly be to studios
of North America However, mont studen suggest the	have allowed them to grow	2: Reindeur Rengtir teordus









Festive Flavours

om the Costaneo scevo tree with its prickly husks and grooved ban The zingy orange is another popular festive food, gifted to well-behave

Christmas pudding
But with the quintessential
assure of the letter ready.
Destros publings are
acted with strue fraits.
urrants, closes and spices,
not of which are harvested.



BIRDS

European Robin

With its rust-coloured plumage and curious expression, the European robin is a plump, small-billed bird that breeds throughout Europe, Western Asia and parts of North Africa. A much-loved sight, the robin can be spotted all year round, the welcome sound of its melodic warbling filling the frosty air even during winter. As natural ground feeders, robins can be found hopping around gardens, woodlands and parks, foraging for

Despite being only 14cm long, these tiny birds are fiercely territorial, puffing up their scarlet chests and fighting off any feathered intruders that invade their patch. Robins are considered modern Yuletide mascots. They first appeared on Victorian Christmas cards as an ode to the vermilioncoloured uniform of the postmen who delivered them. These postal workers were aptly nicknamed 'redbreasts'.

— Key to plate —

1: European robin

2: Common holly The evergreen holly bush is the UK's most festive plant and for hundreds of years it has been used, along with ive to decorate homes at Christmastime, Today, this

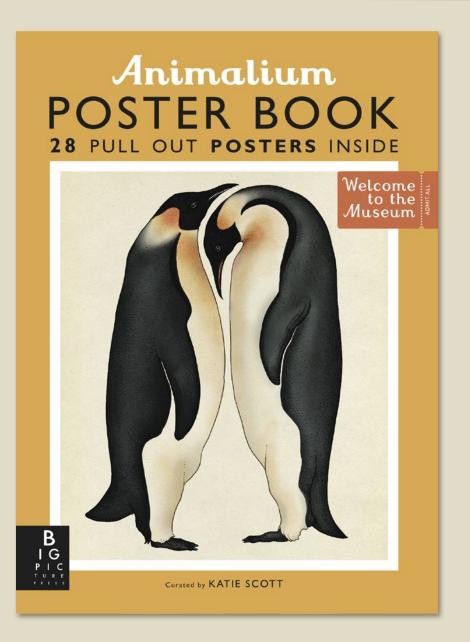
prickly plant, with its waterbright red berries, makes the ideal festive wreath.

8



Pub Date	14/09/2023
Pub Price	£29.99
ISBN	9781800784369
H×W	350 × 260mm
Binding	Hardback
Author	Royal Botanic
	Gardens Kew
	PLG
Illustrator	Emily Carter
Extent	28рр
Word Count	3258 words
Rights Available	World

Animalium Poster Book

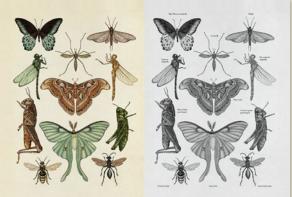


Showcasing the beautiful art from *Animalium*.

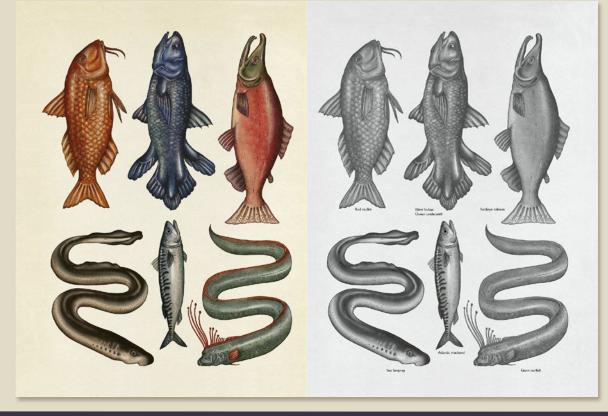
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies in 48 languages with Animalium selling over 540,000 copies (as of July 2022)
- A collection of full colour, immaculately detailed images from unparalleled new talent, Katie Scott
- Posters offer an exploration of our incredible natural world and will brighten up any room
- Large, high-quality format makes this the ideal gift

Animalium Poster Book



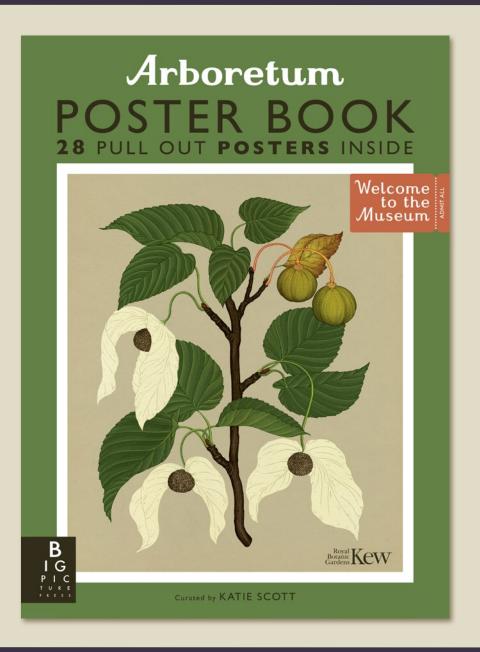






Pub Date	01/10/2015
Pub Price	£12.99
ISBN	9781783703531
H×W	370 × 272mm
Binding	Paperback
Age Range	7-9 years
Author	Lily Murray
Illustrator	Katie Scott
	Limited
Extent	56рр
Rights Available	World

Arboretum Poster Book



Big, bold and beautifully illustrated, these stunning posters from Katie Scott's bestselling *Arboretum* are perfect for pinning on your walls.

- The core Welcome to the Museum books have sold a combined quantity of over 2 million copies in 48 languages (as of July 2024)
- Stunning artwork by award-winning artist, Katie Scott.
- Published in collaboration with the Royal Botanic Gardens Kew.
- Cover treatments: Matt lam and spot UV
- Perforated edges make these easy to tear out

Arboretum Poster Book



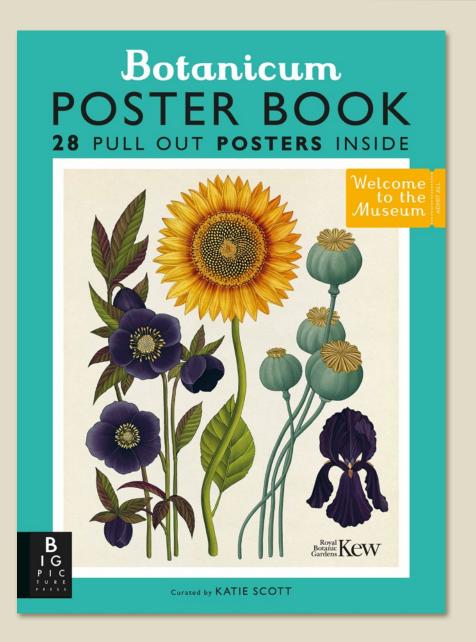






Pub Date	04/07/2024
Pub Price	£16.99
ISBN	9781800784888
$H \times W$	370 × 272mm
Binding	Paperback
Age Range	12+ years
Author	Royal Botanic
	Gardens Kew
	PLG
Illustrator	Katie Scott
	Limited
Extent	56pp
Word Count	540 words
Rights Available	World

Botanicum Poster Book



These stunning posters from Katie Scott's *Botanicum* are perfect for pinning on your walls.

- Botanicum has sold over 360,000 copies worldwide (as of July 2022)
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies in 48 languages (as of July 2022)
- From the illustrator of 2014's bestselling *Animalium*, which won the Sunday Times Children's Book of the Year and was shortlisted for the Blue Peter Award.
- 28 pull-out posters with full-colour images of plants from around the world.
- Large, high-quality format makes this the ideal gift.

Botanicum Poster Book



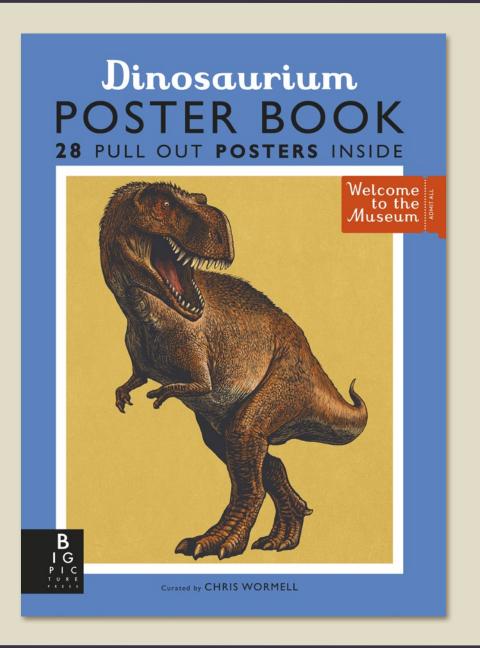






Pub Date	02/11/2017
Pub Price	£16.99
ISBN	9781783706303
$H \times W$	370 × 272mm
Binding	Paperback
Age Range	7-9 years
Author	Professor
	Katherine Willis
Illustrator	Katie Scott
	Limited
Extent	56pp
Rights Available	World

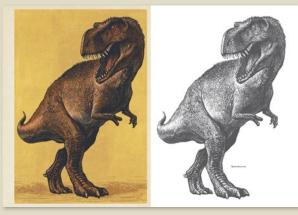
Dinosaurium Poster Book

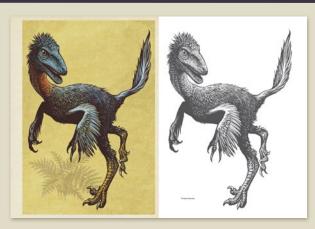


Big, bold and beautifully illustrated, these stunning posters from Chris Wormell are perfect for pinning on your walls.

- 28 pull-out posters with full-colour images of prehistoric creatures.
- From the illustrator of award-winning title H is for Hawk (Vintage, 2015) and La Belle Sauvage: TheBook of Dust (Penguin Random House, 2017)
- Large, high-quality format makes this the ideal gift.
- Over one million Welcome to the Museum books sold in 48 languages
- Dinosaurium has sold over 230,000 copies worldwide (as of July 2022)

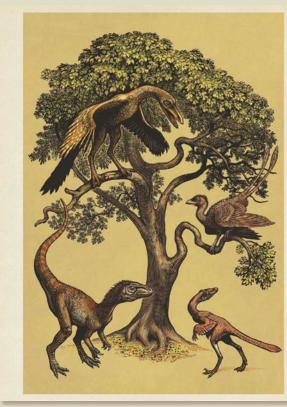
Dinosaurium Poster Book

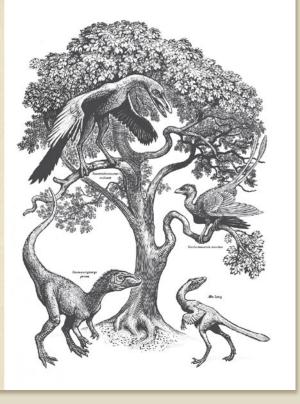






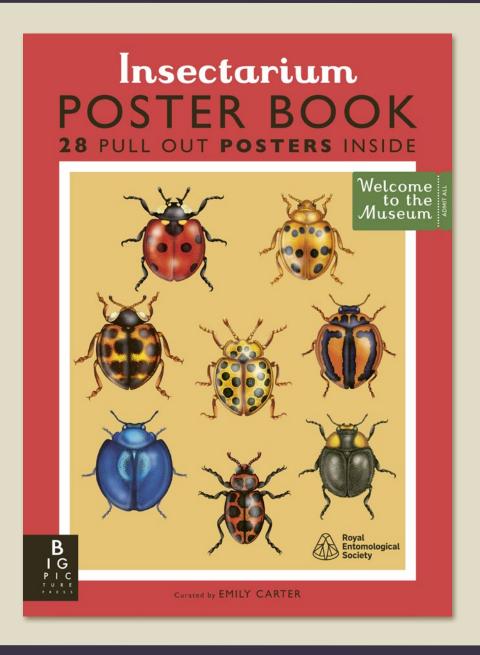






Pub Date	01/11/2018
Pub Price	£12.99
ISBN	9781783708864
$H \times W$	370 × 272mm
Binding	Paperback
Age Range	9-11 years
Author	Lily Murray
Illustrator	Chris Wormell
Extent	56рр
Rights Available	World

Insectarium Poster Book



Big, bold and beautifully illustrated, these 28 stunning posters from awardwinning artist Emily Carter are perfect for pinning on your walls.

- The core Welcome to the Museum books have sold a combined quantity of over 2 million copies in 48 languages (as of July 2024)
- Published in collaboration with the Royal Entomological Society whose members are devoted to the study of insects
- Stunning artwork by award-winning artist Emily Carter. Her prints and products are stocked in stores such as Liberty, Harvey Nichols & Selfridges
- Perforated edges make these posters easy to tear out
- Cover treatments: Matt lam and spot UV

Insectarium Poster Book



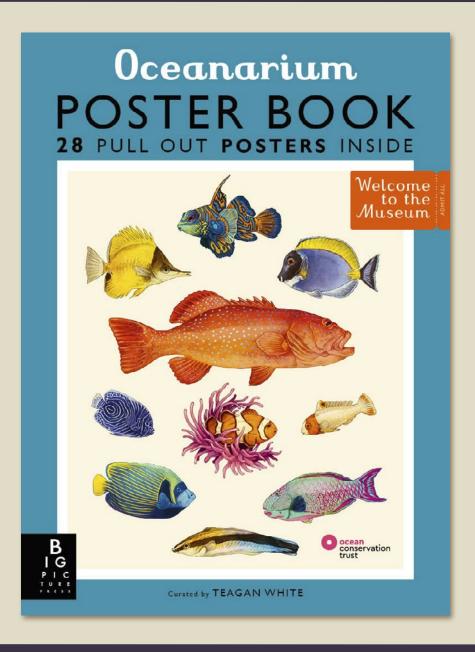






Pub Date	09/10/2025
Pub Price	£16.99
ISBN	9781835871843
H×W	370 × 272mm
Binding	Paperback
Age Range	Adult
Author	Dave Goulson
Illustrator	Emily Carter
Extent	56pp
Word Count	600 words
Freight On	07/08/2025
Board	
Rights Available	World

Oceanarium Poster Book



Big, bold and beautifully illustrated, these stunning posters from Teagan White's bestselling Oceanarium are perfect for pinning on your walls.

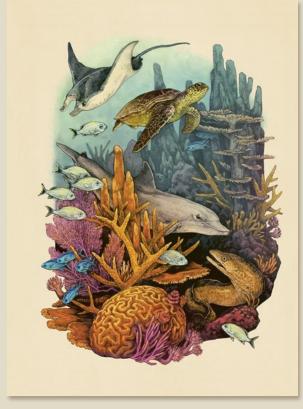
- 28 pull-out posters will full-colour images of beautiful ocean wildlife
- From the stunning illustrator of Oceanarium
- Large, high-quality format makes this the ideal gift
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies in 48 languages with Oceanarium having sold over 100,000 copies (as of July 2022)

Oceanarium Poster Book



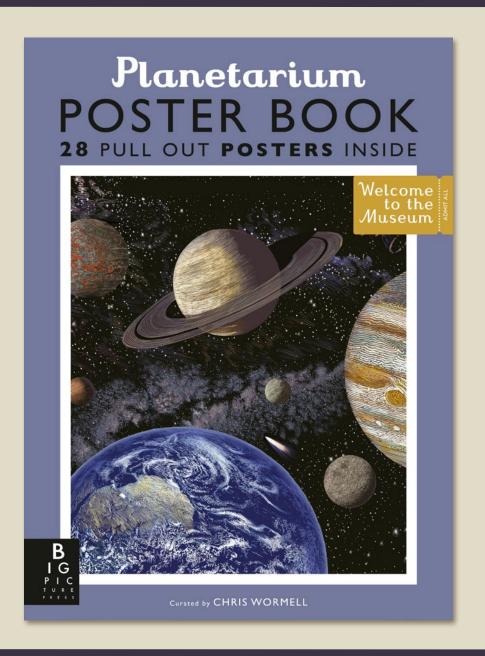






Pub Date	08/06/2023
Pub Price	£16.99
ISBN	9781800783652
H×W	370 × 272mm
Binding	Paperback
Age Range	9-11 years
Author	Loveday Trinick
Illustrator	Teagan White
Extent	56pp
Word Count	1103 words
Rights Available	World

Planetarium Poster Book



Big, bold and beautifully illustrated, these stunning posters from Chris Wormell's bestselling *Planetarium* are perfect for pinning on your walls.

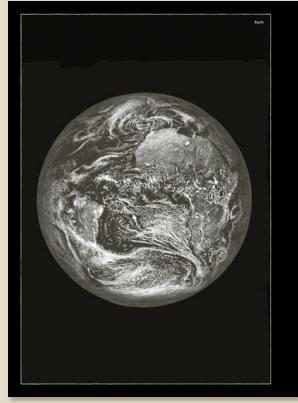
- The core Welcome to the Museum books have sold a combined quantity of over 2 million copies in 48 languages
- Stunning artwork by award-winning artist, Chris Wormell.
- Cover treatments: Matt lam and spot UV.
- Perforated edges make the pages easy to tear out.

Planetarium Poster Book



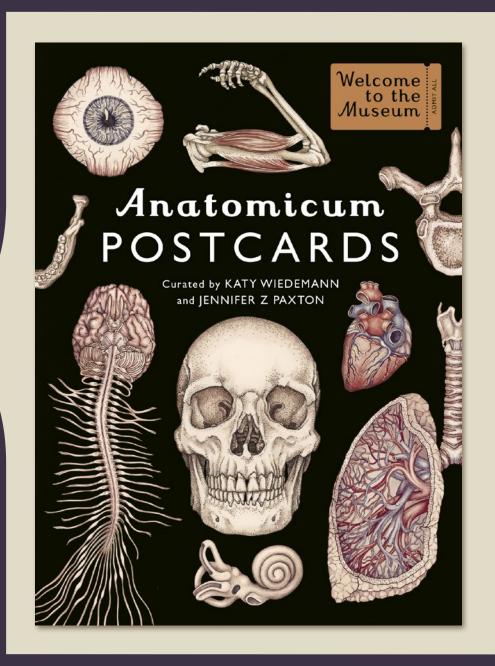






Pub Date	05/06/2025
Pub Price	£16.99
ISBN	9781800787940
$H \times W$	370 × 272mm
Binding	Paperback
Age Range	12+ years
Author	Raman Prinja
Illustrator	Chris Wormell
Extent	56pp
Rights Available	World

Anatomicum Postcard Box



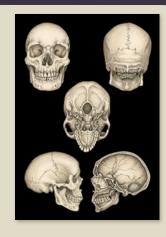
A box set of 50 beautiful postcards from *Anatomicum*.

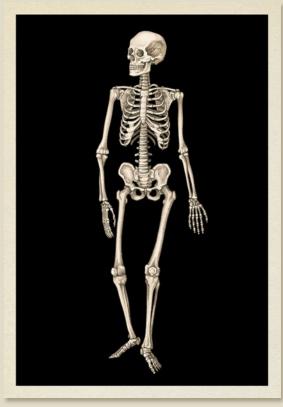
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies worldwide (as of July 2022)
- 50 postcards with full-colour images from Welcome to the Museum's Anatomicum
- High quality format makes this the ideal gift
- The UK edition features the branding of the Wellcome Collection

Anatomicum Postcard Box









Pub Date	26/11/2020
Pub Price	£12.99
ISBN	9781787416529
Age Range	9-11 years
Author	Jennifer Z
	Paxton
Illustrator	Katy Wiedemann
Extent	50рр
Rights Available	World

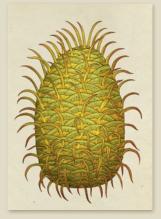
Arboretum Postcards



A box set of 50 beautiful postcards from the bestselling *Arboretum*, part of the Welcome to the Museum series.

- 50 full-colour postcards, featuring trees from all around the world.
- The ideal gift beautifully presented in a box including pantone, ribbon and foil.
- Arboretum is the third title to publish with the Royal Botanic Gardens, Kew
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies in 48 languages (as of July 2022)

Arboretum Postcards



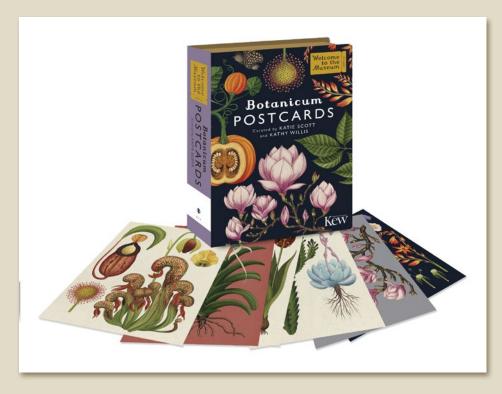






Pub Date	09/11/2023
Pub Price	£12.99
ISBN	9781800783928
Age Range	12+ years
Author	Royal Botanic
	Gardens Kew
	PLG
Illustrator	Katie Scott
	Limited
Extent	50рр
Rights Available	World

Botanicum Postcards



A box set of 50 beautiful postcards from *Botanicum* - by the bestselling illustrator of *Animalium*.

- Botanicum has sold over 370,000 copies worldwide. The core Welcome to the Museum books have sold a combined quantity of over 1 million copies worldwide (as of July 2022)
- From Botanicum, which was shortlisted for the British Book Design & Production awards.
- 50 full-colour postcards with illustrations of plants from right across the world

Botanicum Postcards



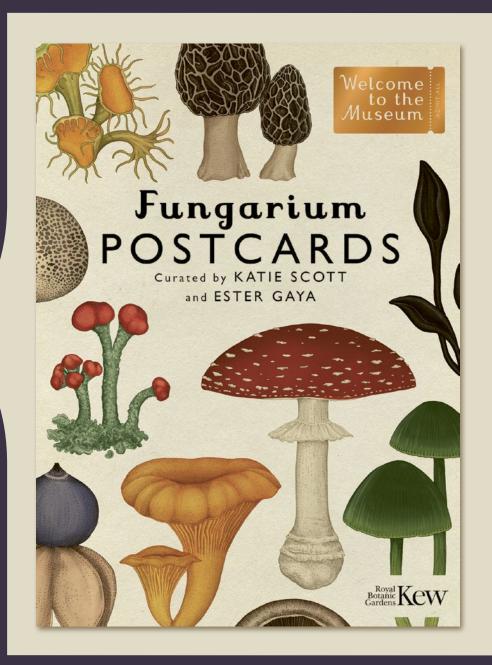






Pub Date	03/11/2016
Pub Price	£14.99
ISBN	9781783706341
H×W	175 × 128mm
Age Range	9-11 years
Author	Kathy Willis
Illustrator	Katie Scott
	Limited
Extent	50рр
Rights Available	World

Fungarium Postcards



A box set of 50 beautiful postcards from *Fungarium*

- 50 postcards with full-colour images from Welcome to the Museum's Fungarium
- High-quality format makes this the ideal gift
- Features the branding of Royal Botanic Gardens, Kew
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies worldwide with Fungarium selling over 90,000 (as of July 2022)

Fungarium Postcards



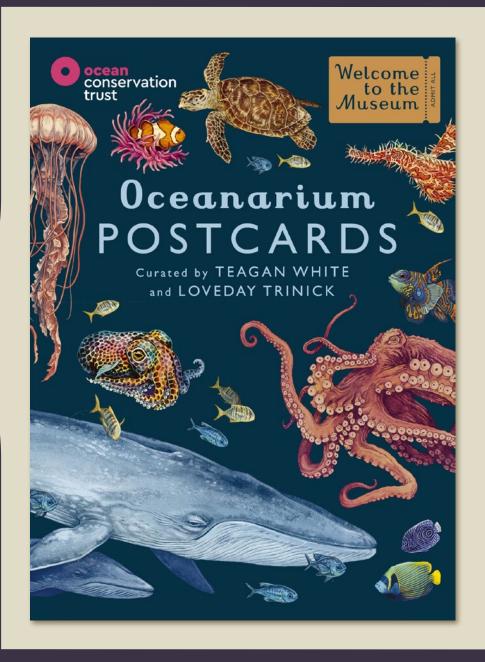






Pub Date	30/09/2021
Pub Price	£14.99
ISBN	9781787419896
Age Range	12+ years
Extent	50рр
Rights Available	World

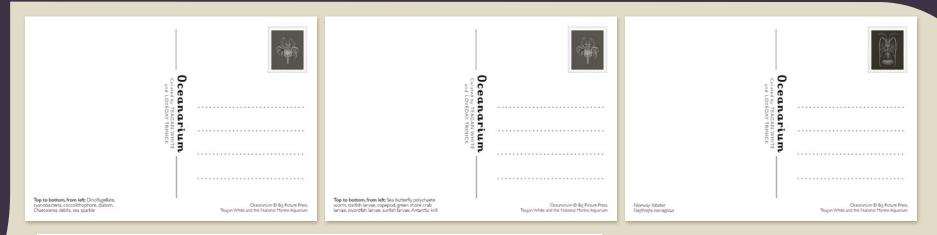
Oceanarium Postcards



Contains 50 beautiful full-colour postcards from the bestselling book *Oceanarium*.

- Contains 50 full-colour postcards featuring everything from coral reefs to the ocean depths
- High-quality format makes this the ideal gift
- Including ribbon and gold foil cover finishes
- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies in 48 languages with Oceanarium having sold over 100,000 copies (as of July 2022)

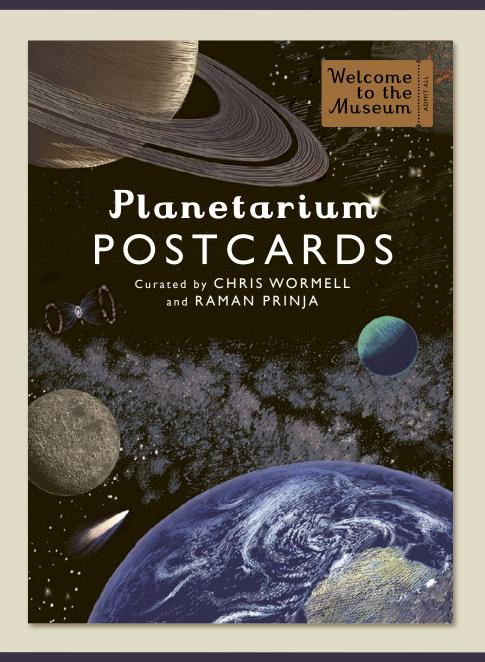
Oceanarium Postcards



	Curated by TEAGA and LOVEDAY T	
	GAN WHITE	
Top to bottom, from left: Box jellyfish, lion's mane jellyfish, common kingslayer, white-spotted jellyfish, Pacific sea nettle, flower hat jellyfish, kaleidoscope		
Pacific sea nettle, flower hat jellyfish, kaleidoscope jellyfish, upside-down jellyfish		Oceanarium © Big Picture Press, Teagan White and the National Marine Aquarium

Pub Date	10/11/2022
Pub Price	£14.99
ISBN	9781800783591
Age Range	12+ years
Author	Loveday Trinick
Illustrator	Teagan White
Extent	50рр
Rights Available	World

Planetarium Postcards



A box set of 50 beautiful postcards from *Planetarium* - by the bestselling illustrator of *Dinosaurium*.

- The core Welcome to the Museum books have sold a combined quantity of over 1 million copies worldwide (as of July 2022)
- Author Raman Prinja, professor of astrophysics at University College London, was awarded the Science Communication award by the American Institute of Physics for *Planetarium*.
- From the illustrator of award-winning title H is for Hawk (Vintage, 2015) and La Belle Sauvage: The Book of Dust (Penguin Random House, 2017)
- 50 postcards with full-colour images of all aspects of space
- High-quality format makes this the ideal gift

Planetarium Postcards









Pub Date	14/11/2019
Pub Price	£12.99
ISBN	9781787415102
Age Range	9-11 years
Author	Raman Prinja
Illustrator	Chris Wormell
Extent	50рр
Rights Available	World

Botanicum 1,000-Piece Jigsaw Puzzle



Created in collaboration with the Royal Botanic Gardens, Kew, this

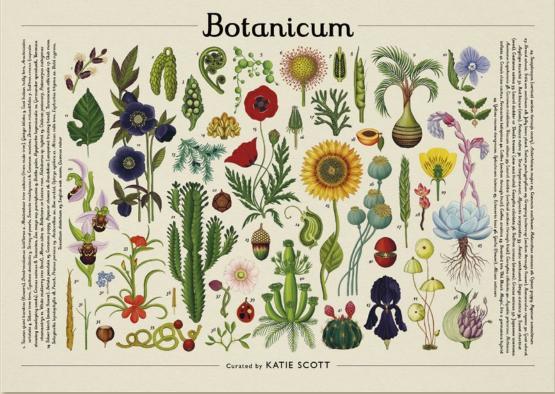
- High-quality format with a stylish cylindrical tube and cloth storage bag makes this the ideal gift.Packaging: 255mm(h) x 121mm(d) Puzzle: 490mm(h) x 685mm(w)Poster: 210mm(h) x 297mm(w)
- Features the branding of Royal Botanic Gardens, Kew
- An intricately designed puzzle with beautiful full-colour images from Welcome to the Museum's Botanicum
- The core Welcome to the Museum books have sold a combined quantity of over 2 million copies worldwide (as of July 2022)

Botanicum 1,000-Piece Jigsaw Puzzle









Pub Date	10/10/2024
Pub Price	£25.00
ISBN	9781835870525
Age Range	Adult
Author	Katie Scott
	Limited
Word Count	200 words
Rights Available	World

Fungarium 1,000-Piece Jigsaw Puzzle



Created in collaboration with the Royal Botanic Gardens, Kew, this

- High-quality format with a stylish cylindrical tube and cloth storage bag makes this the ideal gift.Packaging: 255mm(h) x 121mm(d) Puzzle: 490mm(h) x 685mm(w)Poster: 210mm(h) x 297mm(w)
- Features the branding of Royal Botanic Gardens, Kew
- An intricately designed puzzle with beautiful full-colour images from Welcome to the Museum's Fungarium
- The core Welcome to the Museum books have sold a combined quantity of over 2 million copies worldwide with Fungarium selling over 90,000 (as of July 2022)

Fungarium 1,000-Piece Jigsaw Puzzle









Pub Date	10/10/2024
Pub Price	£25.00
ISBN	9781835870532
Age Range	Adult
Author	Katie Scott
	Limited
Word Count	200 words
Rights Available	World



Welcome to the Museum and Welcome to the Arts

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