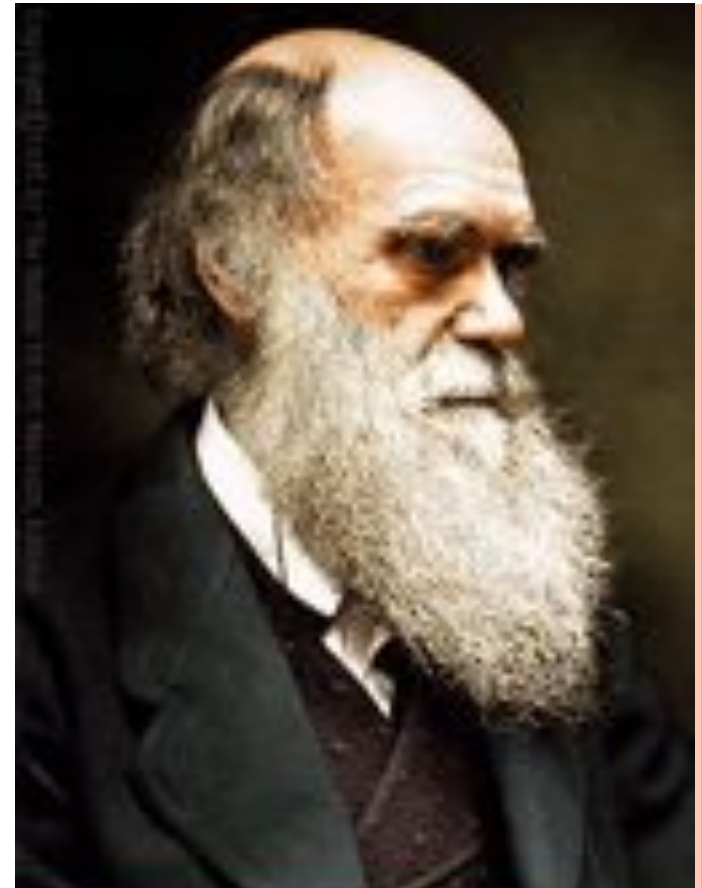


2  
1809~  
2009



# Darwinov Rok

Prof. RNDr. Juraj Krajčovič, CSc.

Ústav bunkovej biológie

Prírodovedecká fakulta

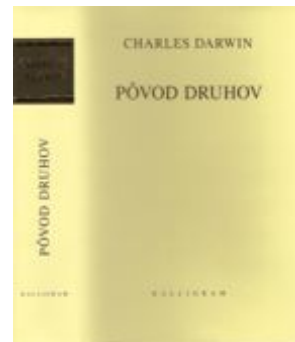
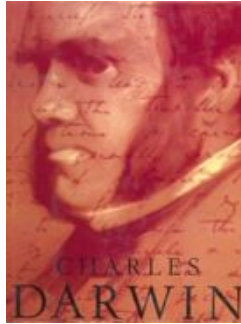
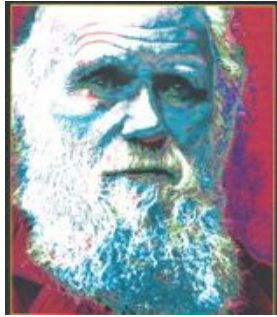
Univerzita Komenského

v Bratislave

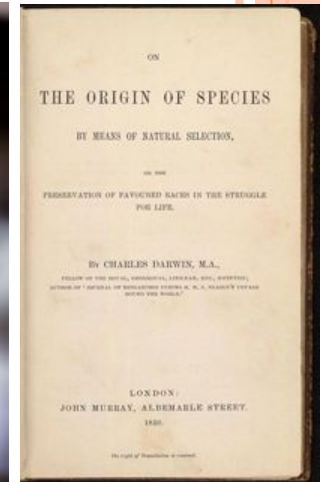


12. Februára 2009 uplynulo 200 rokov od narodenia

Charlesa Darwina,



Kalligram 2006



ktorý pre 150 rokmi (24.11.1859) dielom „Pôvod druhov“ zásadným spôsobom zmenil nielen pohľad na evolúciu organizmov, ale významne ovplyvnil mnohé oblasti spoločenského myslenia a života.

Rok 2009 sa nazýva aj Rokom Darwina

Ako svet oslavuje Rok Darwina?!

# Happy Birthday, Mr. Darwin - and Thank you!



age 7



age 30



age 49



age 55



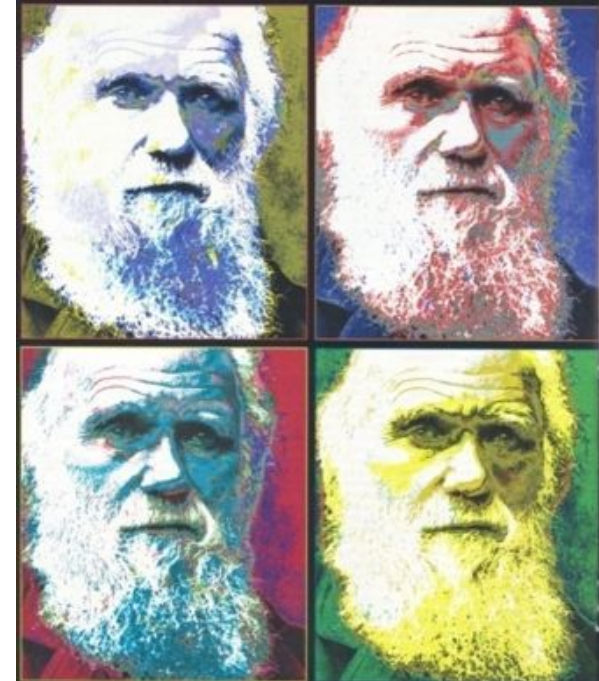
age 65



age 71

**CHARLES ROBERT DARWIN**

**February 12, 1809 to April 19, 1882**



**Send Charles Darwin a Birthday Wish!** To celebrate, you are invited to pass on your own birthday wishes and special message to Charles Darwin, you can even upload an image if you want to or view messages from other people.



The banner features a light beige background with a large, colorful, stylized flower logo on the left. The main title 'DARWIN'S SHREWSBURY' is in a large, serif font, with the subtitle 'his place of birth, home, influence and inspiration' in a smaller, colorful font below it. A dark brown rectangular area in the center contains text about Darwin's life. To the right, there are two framed photographs of Darwin: one in color and one in black and white. A small lizard is perched on the top edge of the dark brown area, and a fly is on the right edge. On the left side, there is a fossil shell and a vertical list of links. At the bottom right, there is a yellow box with text and a link.

# DARWIN'S SHREWSBURY

*his place of birth, home, influence and inspiration*

## Evolution Began in Shrewsbury!

Charles Darwin is Shrewsbury's most famous son and recently voted as one of the greatest Britons. Born in Shrewsbury, Shropshire on the 12th February 1809 at Mount House, he was the son of Robert, a well respected doctor, and Susannah a member of the Wedgwood family. His formative years were well spent and his love and curiosity of the natural world was positively encouraged and flourished. Darwin lived in Shrewsbury until he was 27.

Darwin attended school at 13 Claremont and was then privileged to go to Shrewsbury School. Although, as his headmaster Dr Butler revealed, he had little hope of filling his head with Latin or Greek. Indeed as early as nine the young Darwin had started observing and recording things he found in the natural world that surrounded him.

Darwin's grandfathers were equally remarkable men - Erasmus Darwin and Josiah Wedgwood. Both were members of the famous Lunar Society.

- Darwin's Shrewsbury
- Darwin Festival 2010
- Festival Events
- Quantum Leap
- Darwin News
- Darwin Town Trail
- Darwin Song

IMAGE MADE USING PAGES FROM THE 'ORIGIN OF SPECIES' [CLICK HERE...](#)



The Mount, Shrewsbury



### The Darwin Town Trail

**W**elcome to Shrewsbury – the birthplace of Charles Robert Darwin naturalist, explorer and travel historian.

Darwin was born at Mount House in Shrewsbury on 12th February 1809 and spent the first 27 years of his life in the town. Darwin's early life inspired his fascination with the natural world leading to his theories of evolution. Much of Shrewsbury remains unchanged since Darwin's time, indeed he would still recognise much of the town today. The Darwin Town Trail takes you to the significant places around Shrewsbury that influenced a young Charles Darwin and helped shape him into one of the world's most famous people.

Many of the points on the trail have been marked with special commemorative waymarkers set into the pavement near the Darwin point of interest. These way-markers have been kindly sponsored by Royal Mail who have also released special stamps to commemorate Darwin's birth 200 years ago.



**DARWIN'S SHREWSBURY TOWN TRAIL**



**DARWIN'S SHREWSBURY**

The Darwin Town Trail has been kindly sponsored by Royal Mail

[www.discoverdarwin.co.uk](http://www.discoverdarwin.co.uk)



# DARWIN'S SHREWSBURY

*"I was born a Naturalist" Charles Darwin 1838*

Home | Contact | Register | Events



12 Feb 2009  
Happy Birthday!

Today's  
Events

DARWIN FESTIVAL

SUMMER SYMPOSIUM

THE MOUNT

NEWS



It's been a terrific year in Shrewsbury with a major Science/Art Festival Shift Time and a number of new commissions including dance, opera, drama and music. We'd like to thank



The Darwin Birthplace Society is negotiating public access, supported by the Borough Council. There are plans for an interpretation-education centre.



"For all latest breaking News"  
**Darwin Memorial & Geo Garden**  
Shrewsbury has commissioned a lasting memorial to Darwin's

**Send Charles Darwin a Birthday Wish!** To celebrate, you are invited to pass on your own birthday wishes and special message to Charles Darwin, you can even upload an image if you want to or view messages from other people.



**DARWIN'S SHREWSBURY**  
*his place of birth, home, influence and inspiration*

**Happy Birthday Charles Darwin**

2009 is the 200th Anniversary of the birth of Shrewsbury's most famous son Charles Darwin and founder of the theory of evolution. It is also the 150th anniversary of the publication of his most famous work 'On the Origin of Species'.

To celebrate we are inviting as many people as possible to pass on their own birthday wishes and special message to Charles Darwin, you can even upload an image if you want to.

Send your birthday wishes to Charles Darwin by clicking the link below.

[Add your Darwin Birthday message](#) ID:

Navigation menu:

- Darwin's Shrewsbury
- Darwin Festival 2010
- Festival Events
- Quantum Leap
- Darwin News
- Darwin Town Trail
- Darwin Song

Map showing the Atlantic Ocean, North America, Africa, and Asia with numerous red location pins.

# Darwin Song Project

SHREWSBURY 2009

**the project**  
concept &  
creation

**the artists**  
an inspired  
choice

**the concerts**  
live performance  
information

**the cd**  
buy the 'live' cd  
online now

**the music**  
song samples  
& videos

**the house**  
an idyllic  
creative retreat

## The Song House



The house chosen for the Darwin Song Project is Henley Farmhouse. The house dates back to the 16th century, and was already 250 years old when Darwin was born; located on the idyllic Acton Scott Estate in South Shropshire this superbly restored farmhouse offers every modern day convenience whilst retaining its original character and period detail.

It's a beautiful large, detached property that sleeps 20, and is set within its own extensive and picturesque grounds, offering uninterrupted views towards Wenlock Edge and Flanders Folly.

Browse  
the  
Darwin  
Song  
Project  
photo



A 'live'  
Darwin  
Song  
Project CD  
is now  
available

[Order CD](#)

UNIQUE  
collaboration



*Místo: BRITSKÉ IMPÉRIUM  
ANGLIE, SHREWSBURY*



*Datum: 12. ÚNORA 1809  
JMÉNO: CHARLES ROBERT DARWIN*

Visit Cambridge: The official tourism website for Cambridge, UK



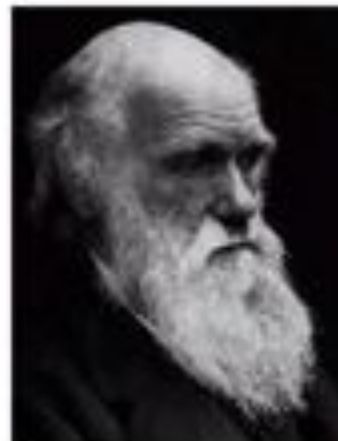
You are in: Welcome to Cambridge

## Darwin Tours of Cambridge

Special tour to celebrate the 200th anniversary of Charles Darwin's birth and the 150th anniversary of the publication of "On The Origin of Species." The tour will cover sites connected with Darwin's time in Cambridge. This tour will include Christ's College, including Darwin's rooms, the Library, Dining Hall and Memorial Garden.

Tours are available from 28th February - 20th December and leave from the Tourist Information Centre on Saturdays at 11.00.

Prices:  
 Adults £10 (£5 when Christ's is closed)  
 Concessions £8.50 (£5 when Christ's is closed)  
 Children £6 (£5 when Christ's is closed)





Darwin's room in 1909

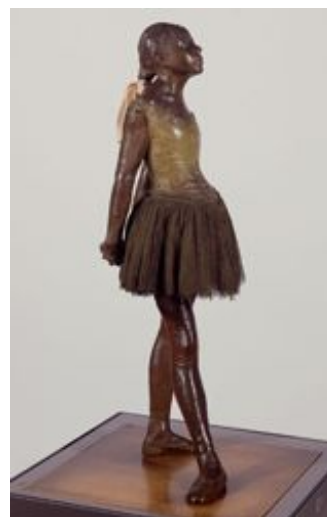


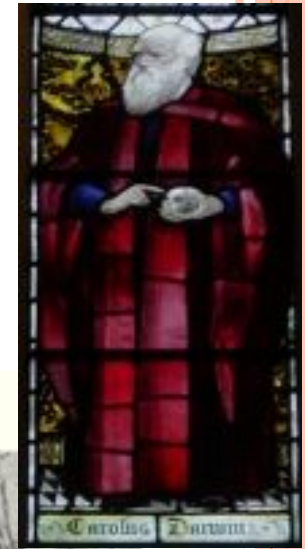
Christ's in the 1830s



To mark the 150th anniversary of the publication of On the Origin of Species, the Fitzwilliam Museum in Cambridge is exploring the relationship between natural history and art in the 19th century.

Endless Forms: Charles Darwin, Natural Science and the Visual Arts is at  
**The Fitzwilliam Museum, Cambridge,**  
from 16 June to 4 October 2009





*The History of Evolutionary Thought*

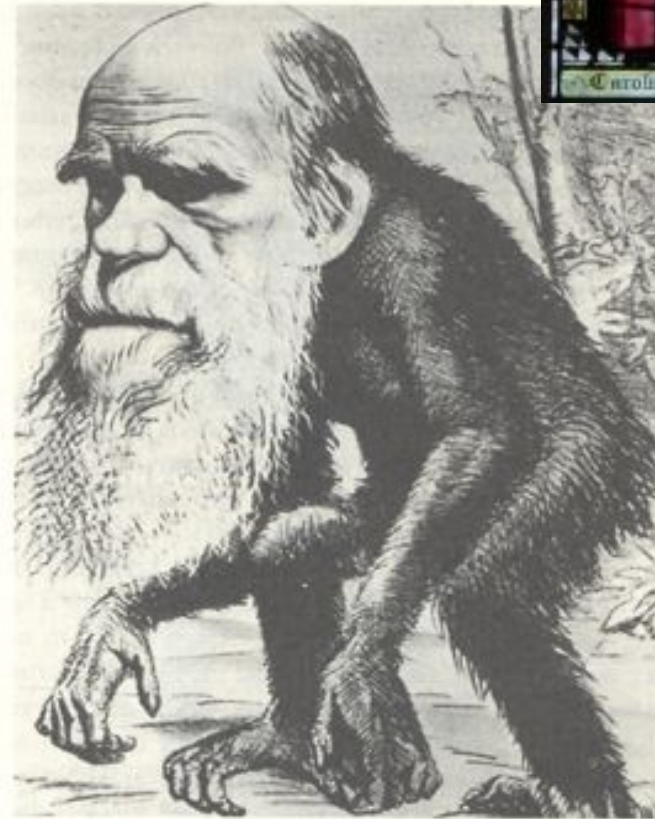


Figure 17. Cartoon of Darwin as an ape. The humor was always gentle and never savage. The English were very proud of Darwin, and they still are. He is on the back of today's £10 note. Now, as then, Darwin is as much a part of culture as of science. (Published in 1871 in the *Hornet* magazine.)

# Darwin exhibition at Down House

9 February 2009: A new exhibition launched on Darwin's life and work to mark the 200th anniversary of his birth





# THE HOME OF CHARLES DARWIN, DOWN HOUSE

- Explore Darwin's Study
- Visitor Information
- Day Planner
- Family Activities
- Your Photos
- Events at this Property
- Education Resources
- Background Information

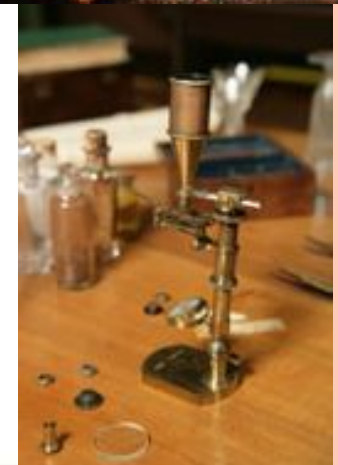
## Emergency Information

We will be open on Tuesday November 24th to celebrate Origin Day - the 150th anniversary of the publication of one of the most groundbreaking works of all time: Charles Darwin's 'On the Origin of Species by Means of Natural Selection'.

**Celebrating the bicentenary of Charles Darwin's birth in 2009 - new exhibition, now open!**

Join us in celebrating the 200th anniversary of the birth of one of the world's most eminent scientists, Charles Darwin. It was at Down House that Darwin lived with his devoted family for 40 years, and it was here he researched and wrote his most famous and explosive of works, *On the Origin of Species*.

Visit our brand new exhibition, *Uncovering Origins*, which charts the progression of Darwin's ideas and the controversy they provoked. Enjoy new interactive multimedia tours narrated by David Attenborough and Andrew Marr, covering both the family rooms and, for the first time ever, the extensive gardens known as Darwin's 'outdoor laboratory'. Also experience what life at sea was like as Darwin's epic 5-year voyage is vividly brought to life with a full-scale replica of his cramped cabin on board HMS Beagle.



## EXPLORE DARWIN'S STUDY



## Follow in the footsteps of Charles Darwin

Win a holiday to Ecuador and The Galapagos



ENGLISH HERITAGE

Type search text here

Search

Days Out & Events

Research & Conservation

Learning & Resources

On a Shoestring | Properties | Events | Hiring a Venue | Membership | Supporting Us | Products & Services | Date Inspiration

Home / Days Out & Events / Properties / Find a property by map / South East / Kent / The Home of Charles Darwin, Down House

# THE HOME OF CHARLES DARWIN, DOWN HOUSE

Days out worth talking

## Explore Darwin's Study

and the Galapagos Islands with Bales Worldwide

To plan your visit follow the links on the left, where you can also take a virtual tour of Darwin's atmospheric study.

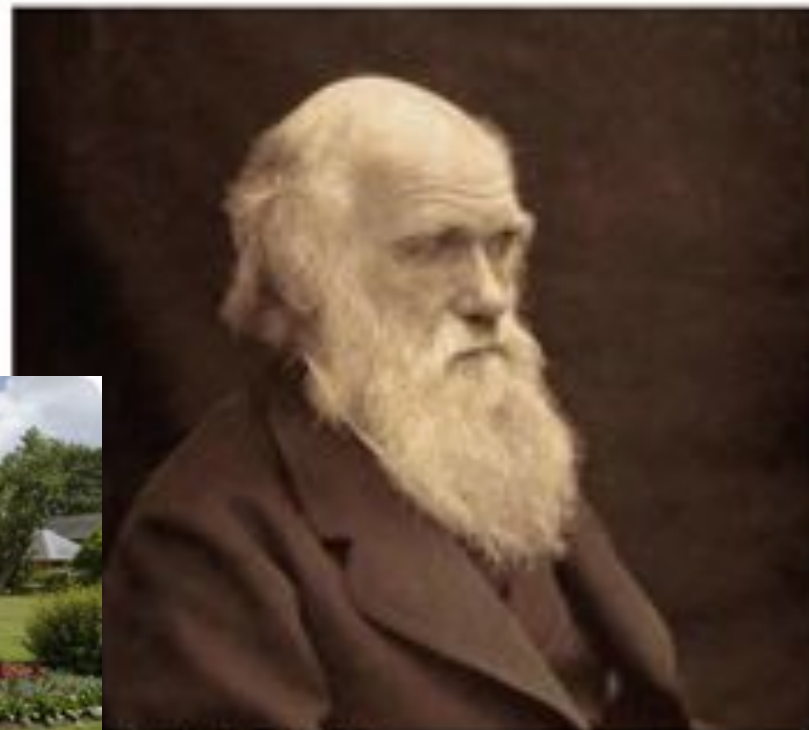
## See Also

[Celebrating Darwin's 200th anniversary with the Open University](#)

Enjoy a series of special events at Down House hosted by The Open University

## Related Links

Discover a range of



(c) English Heritage Photo Library



Darwin's Landscape



PENGUIN CLASSICS

CHARLES DARWIN  
*The Origin of Species*



Charles Darwin  
*On the Origin of Species*

OXFORD WORLD'S CLASSICS

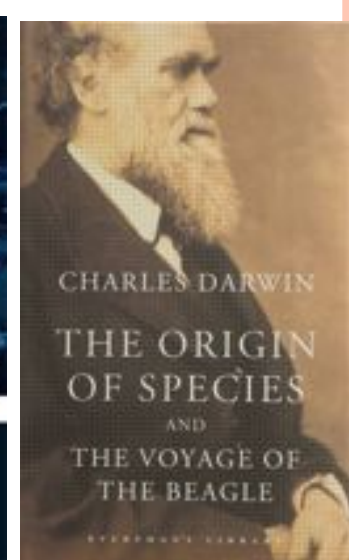
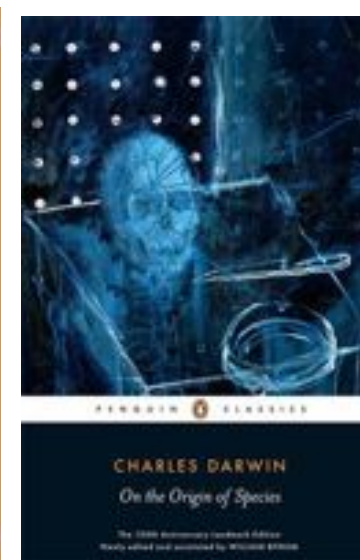
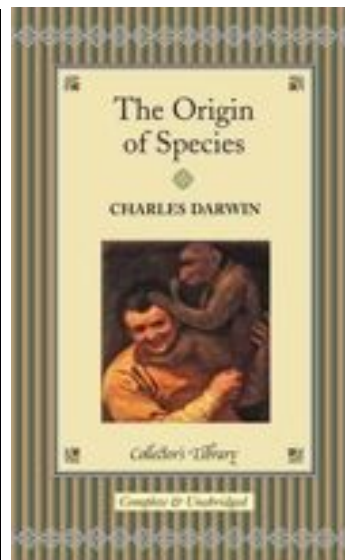
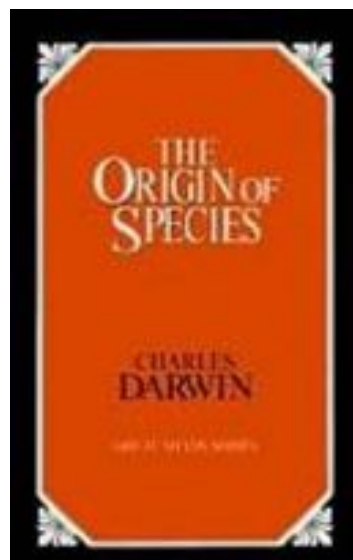
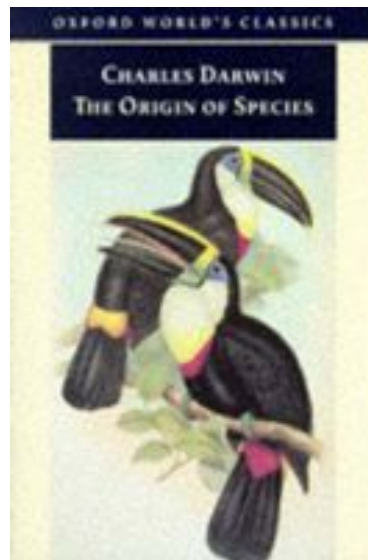


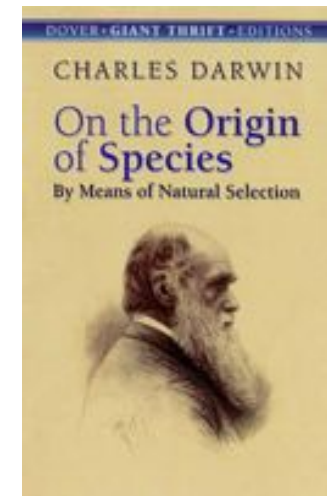
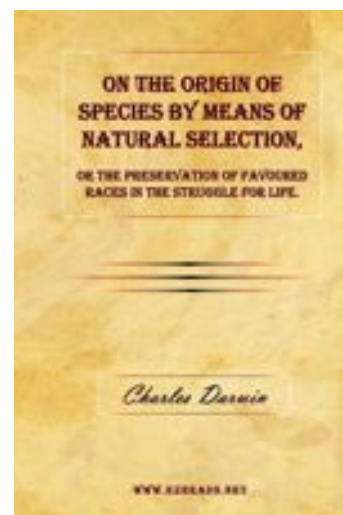
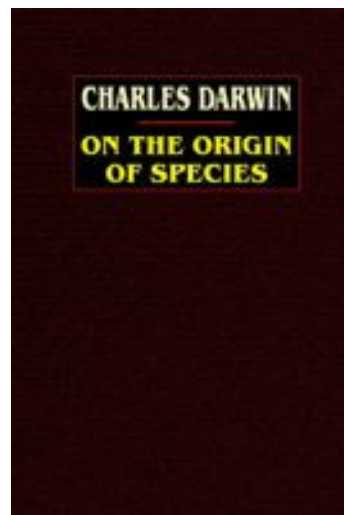
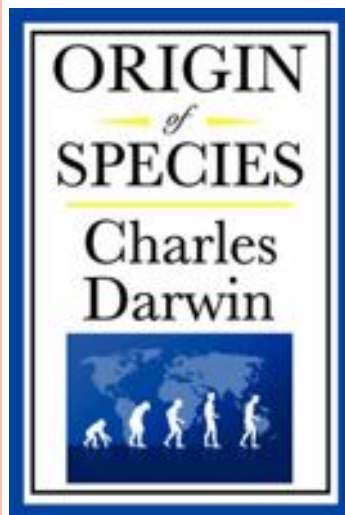
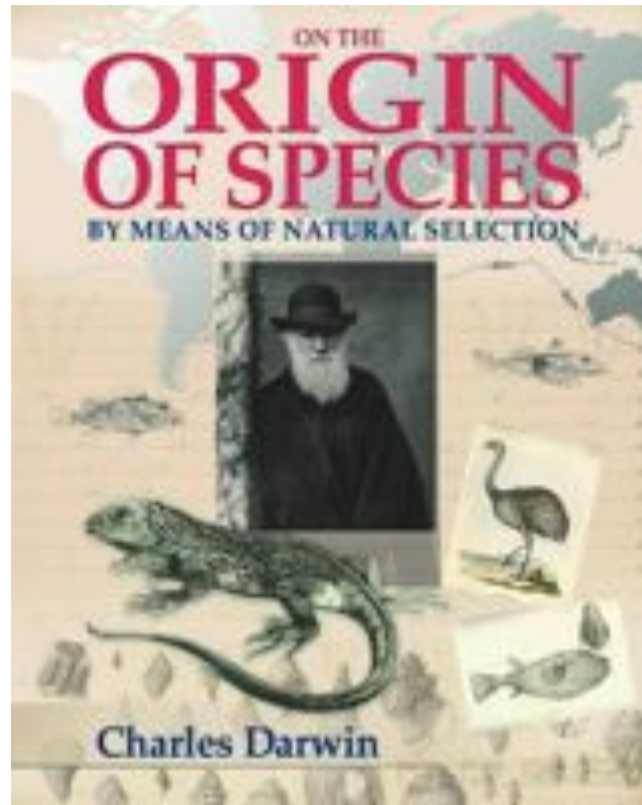
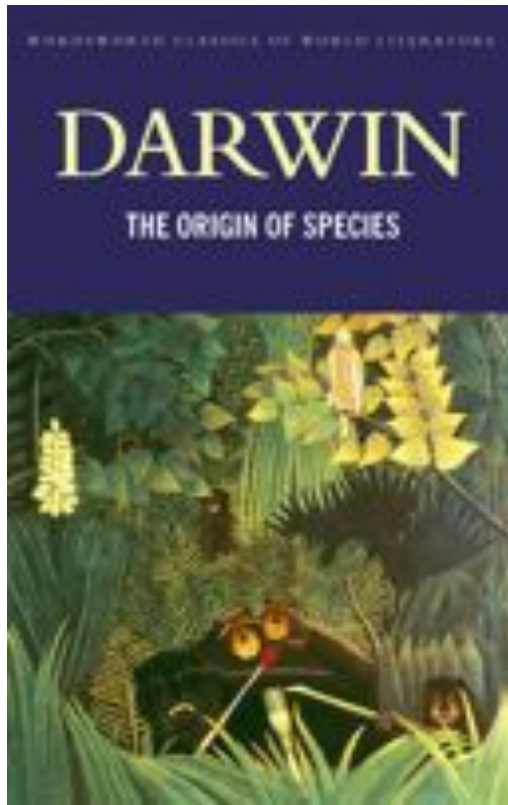
# THE ORIGIN OF SPECIES

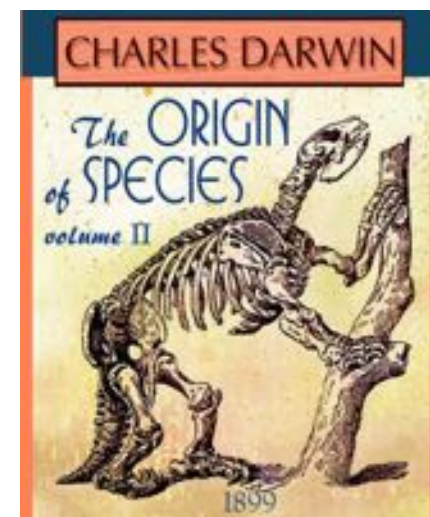
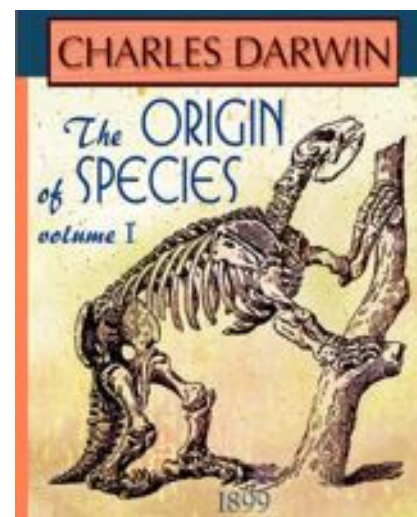
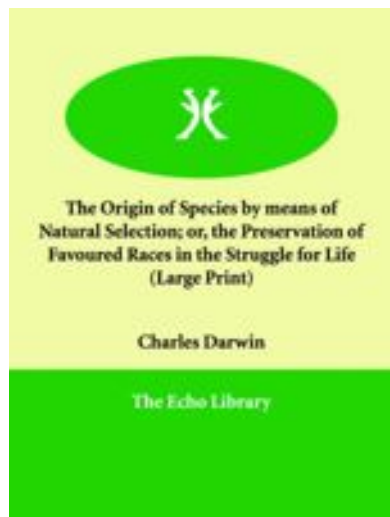
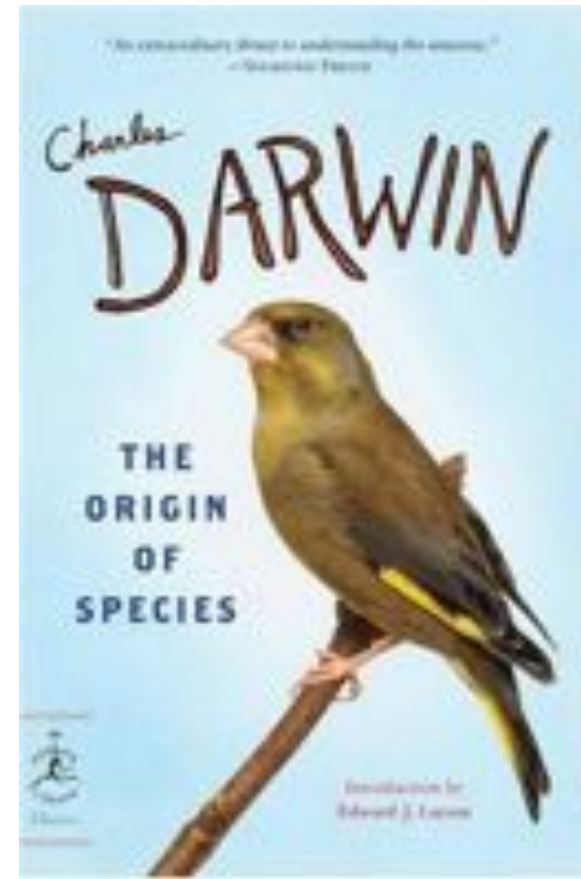
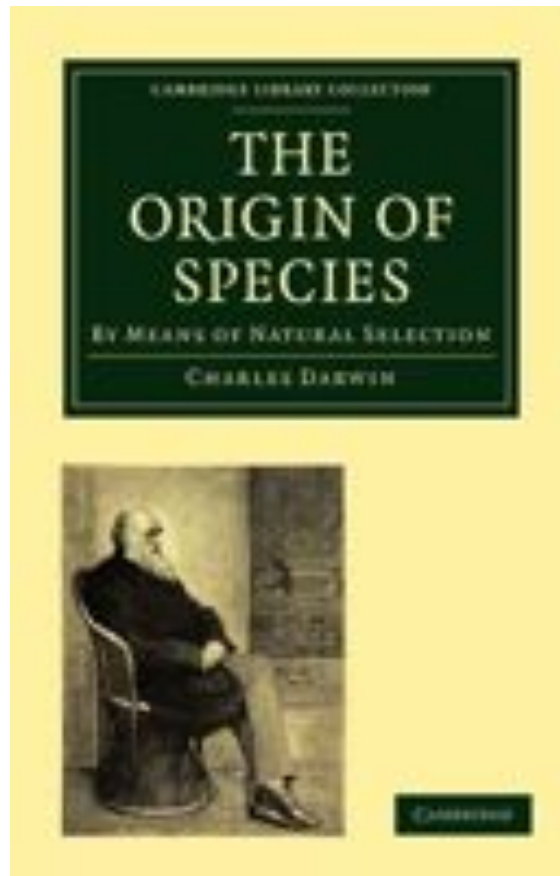
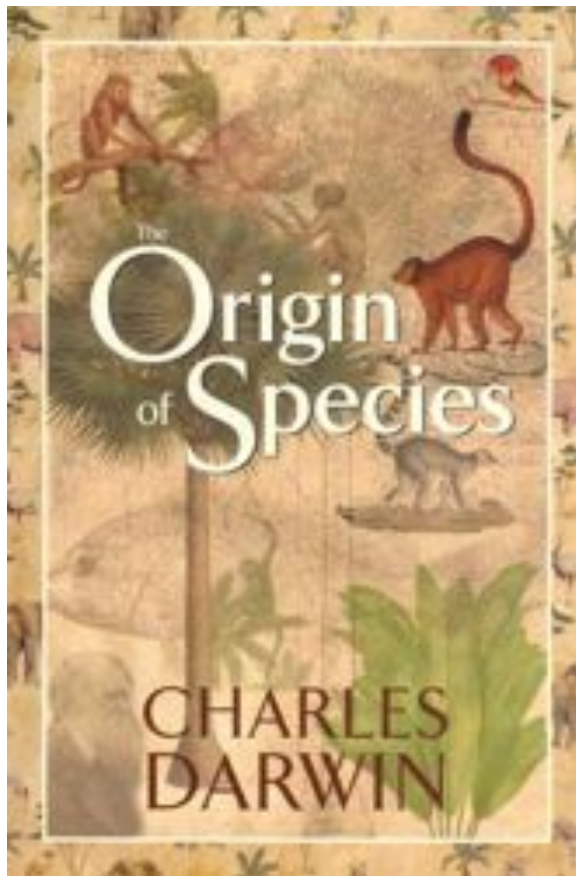
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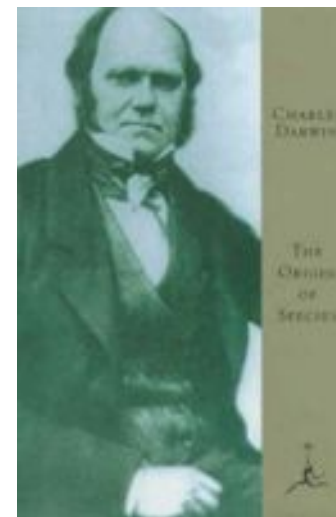
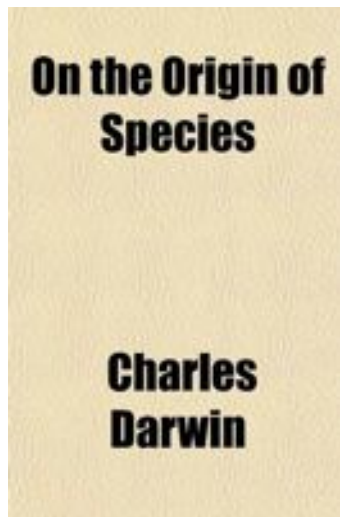
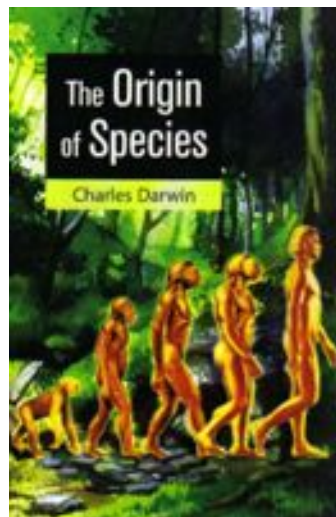
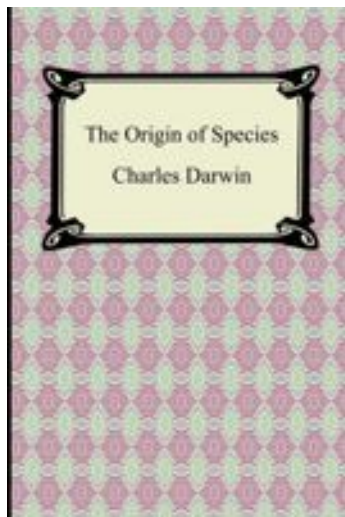
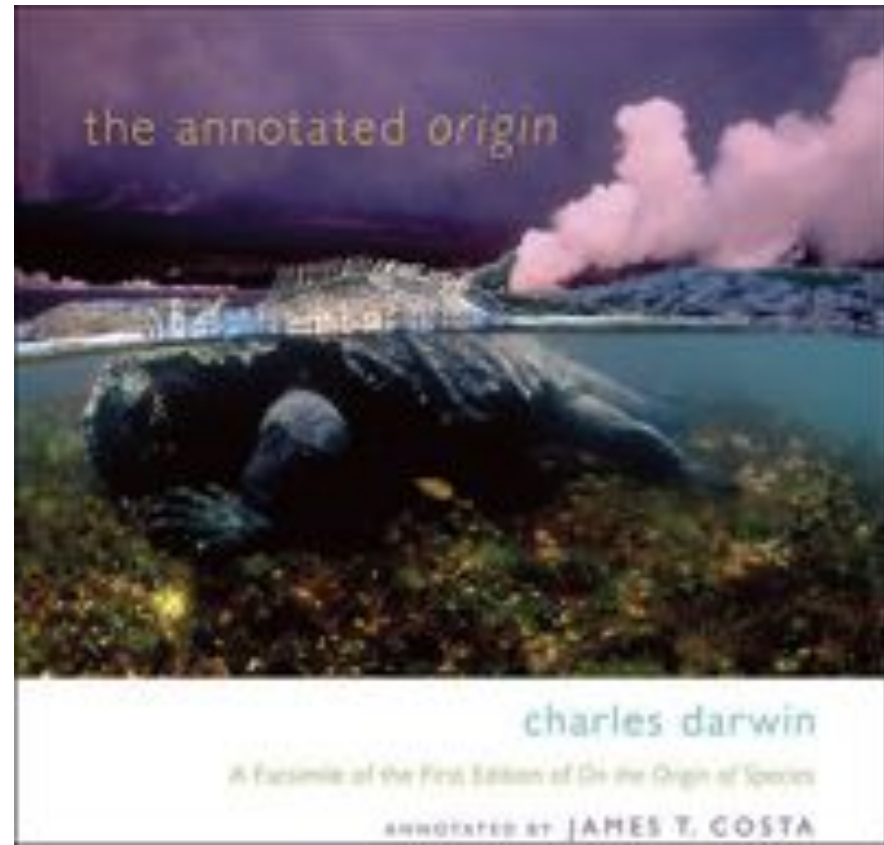
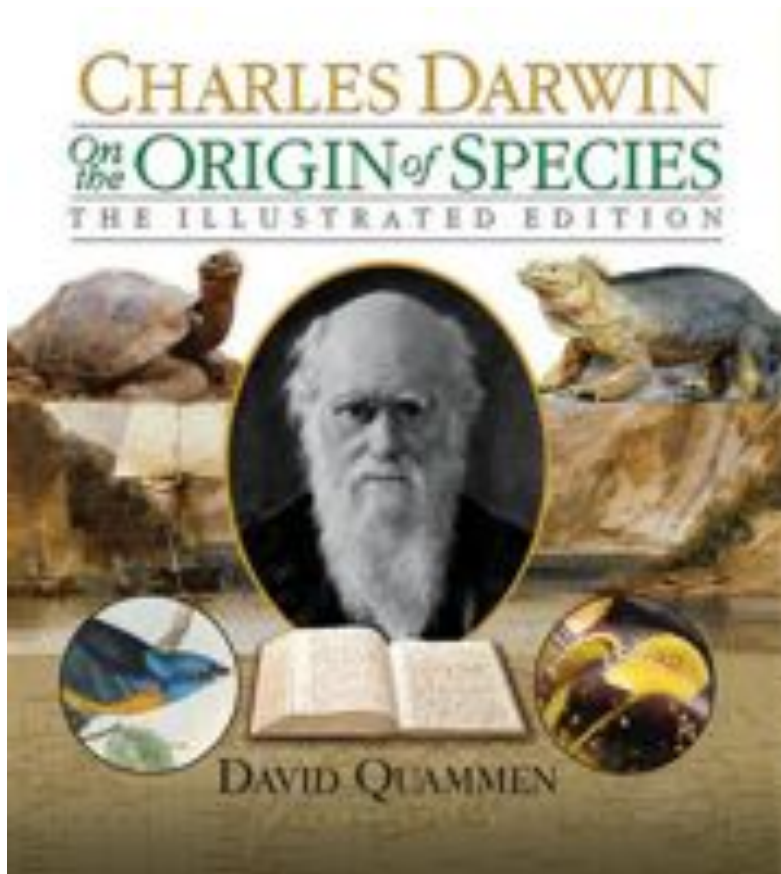


CHARLES DARWIN  
*Edited by Steve Pevsner*









# Happy Birthday, Mr. Darwin - and Thank you!



## CHARLES ROBERT DARWIN

February 12, 1809 to April 19, 1882

This will certainly be a grand birthday party! From classrooms and museums to universities and public libraries, science enthusiasts all over the world will be saluting Charles Darwin on the 200th anniversary of his birth.

For just a glimpse of some of the activities and resources available, enjoy the following:

**Darwin200** is a national program of events in the United Kingdom celebrating Charles Darwin's scientific ideas and their impact around his two hundredth birthday on 12 February 2009.

**Darwin Day Celebration** describes the global celebration of science and reason held on or around February 12, 2009.

# Darwin200 is a national program of events in the United Kingdom celebrating Charles Darwin's scientific ideas and their impact around his two hundredth birthday on 12 February 2009.

NATURAL HISTORY MUSEUM



## DARWIN200



### Home

- What is Darwin200?
- Who is involved?
- News
- Events
- Information for schools
- About Charles Darwin
- Darwin's Britain



### Celebrating Darwin

On Thursday 12 February, we celebrated 200 years since Charles Darwin, one of the world's most creative and influential thinkers, was born.

Darwin200 is a national programme of events honouring his scientific ideas and their impact. Many celebrations are taking place during the next few months but will continue until 24 November 2009, the 150th anniversary of the publication of his famous book, *On the Origin of Species*.

For a full list of more than 200 activities across the UK throughout the year, visit our [Events](#) pages.

### Contact us

- General enquiries
- Media information
- Image resources

NATURAL HISTORY MUSEUM



## DARWIN200



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### Contact us

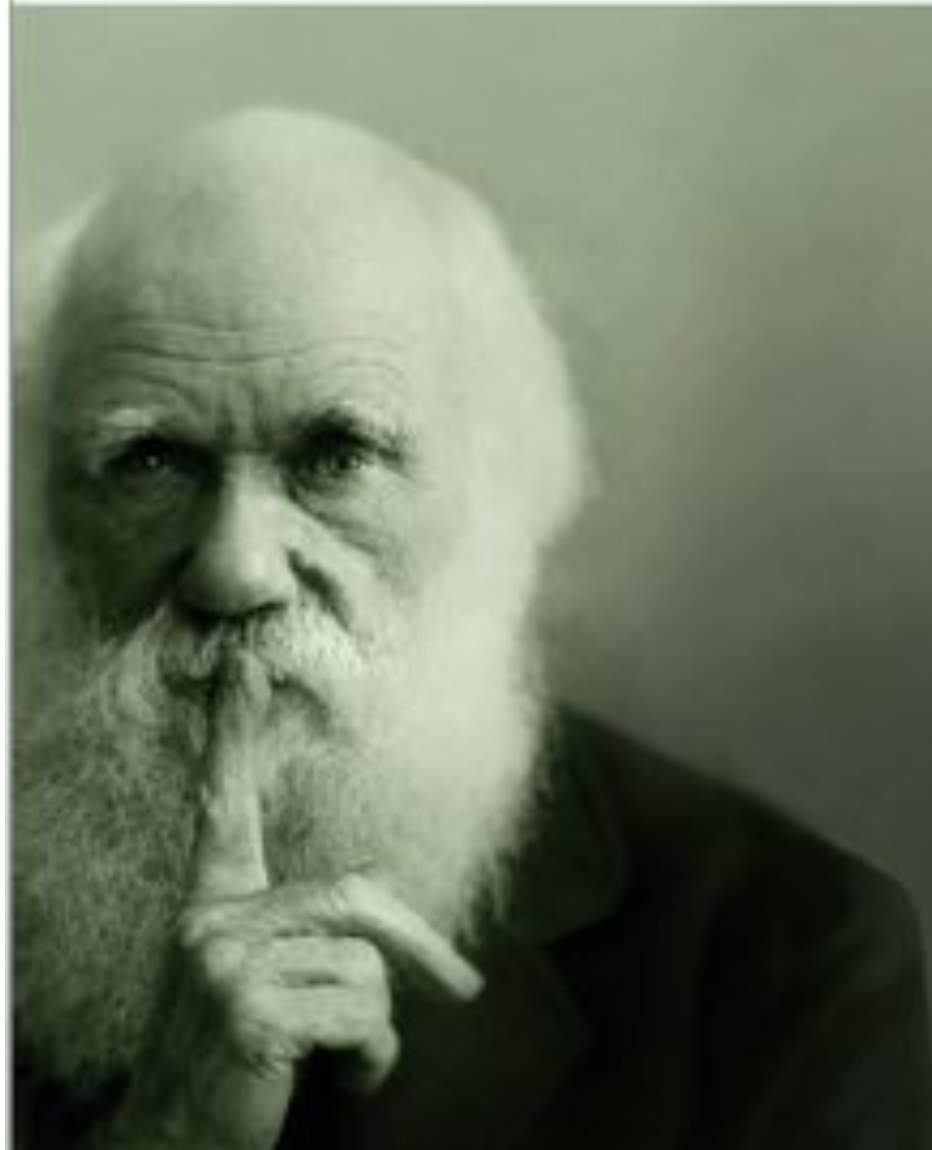
- General enquiries
- Media information
- Image resources

### What is Darwin200?

Darwin200 plans to celebrate the impact that Darwin's ideas about evolution, as well as his approach to the understanding of the natural world and his outstanding example as a scientist, continue to have on our lives.

The celebrations are centred on Darwin's 200th birthday in February 2009, but will begin in July 2008 by commemorating 150 years since Darwin first presented his theory to fellow scientists. Darwin200 events will build up to November 2009, which is the 150th anniversary of the publication of *On the Origin of Species by Means of Natural Selection*.





# Darwin **BiG**idea BIG EXHIBITION

14 November 2008 – 19 April 2009

**Exhibition and tickets**

**Slideshow**

**School groups**

**Events**

**More about Darwin**

**Darwin is the biggest ever exhibition about Charles Darwin.** It celebrates Darwin's ideas and their impact for his 200th birthday in 2009. Discover the man and the revolutionary theory that changed our understanding of the world. See incredible, revealing and rare exhibits, some on display for the first time.

**Tickets**







You are here: [Home](#) > [Visit us](#) > Visiting Darwin Centre

#### What's on

##### ▶ Visiting Darwin Centre

[Getting to Darwin Centre](#)

[Cocoon](#)

[Cocoon highlights](#)

[Attenborough Studio](#)

[Climate Change Wall](#)

[Centre for UK Biodiversity](#)

[NaturePlus in the Darwin Centre](#)

[Darwin Centre science](#)

[Royal event highlights](#)

[Darwin Centre videos](#)

#### Booking

[Getting here](#)

[Access guide](#)

[Galleries](#)

[History and architecture](#)

[Eating and drinking](#)

[Shops in the Museum](#)

[Parents' survival guide](#)

[Schools visits](#)

## Visiting the Darwin Centre

### The Darwin Centre is now open



#### Watch Prince William at the grand opening in this video

The landmark Darwin Centre is now open to the public. Museum visitors can explore world-class science in action in a dramatic new public space.

The Darwin Centre is a state-of-the-art science and collections facility. The building is the most significant expansion at the Museum since it moved to South Kensington in 1881.

See world-leading scientists at work, incredible specimens, exciting displays and much more.

**Entrance is free**

### Be among the first to visit



#### Cocoon

Take the Cocoon journey. Share the excitement of exploring, studying and preserving nature in this dramatic public space and state-of-the-art scientific research centre.

**Book your free Cocoon visit online**

**Experience Cocoon at night**

**Find out about Cocoon**

#### Royal celebrations as Prince William officially opens the Darwin Centre

On 14 September, HRH Prince William of Wales joined by Sir David Attenborough, declared the new







# International Darwin Day Foundation

Celebrating Darwin's Science and Humanity

- Home
- About
- Events
- For Organizers
- Listen
- Learn
- Contact
- Donate
- Site map

**200  
YEARS**



This fall, NOVA is celebrating the 200th anniversary year of Darwin's birth and the 150th anniversary of the publication of his famous book the Origin of Species with three evolution-themed programs. [Learn More...](#)

## Darwin's Darkest Hour

Posted 10:06:09 NOVA

A two-hour drama on the crisis that forced Darwin to publish his theory of evolution. Aired October 6, 2009 on PBS.



Welcome to the International Darwin Day Foundation website

There are currently **781** events scheduled in **45** countries for Darwin Day 2009.

Darwin Day is a global celebration of science and reason held on or around Feb. 12, the birthday anniversary of evolutionary biologist Charles Darwin. This year marks the 200th anniversary of Charles Darwin's birth.

On this website you can find all sorts of information about Charles Darwin and the International Darwin Day Foundation. If you are hosting a Darwin Day event, you can post information about it on our events listing. You can also locate Darwin Day programs near you by searching our events section.

We have also provided resources for hosting Darwin Day events, including promotional support and a list of potential Darwin Day presenters.



**Darwin Day Celebration**  
describes the global celebration of science and reason held on or around February 12, 2009

# Happy Birthday, Mr. Darwin - and Thank you!



**CHARLES ROBERT DARWIN**  
February 12, 1809 to April 19, 1882

**[Evolution Weekend 2009](#)**, sponsored by the Clergy Letter Project, provides information on discussion groups and seminars providing opportunities to demonstrate that religion and science are not adversaries.

**[Charles Darwin Online](#)** provides the complete works of Charles Darwin, including publications, private papers, illustrations, and biographies.

**[The Darwin Exhibition](#)** produced by the American Museum of Natural History provides a wonderful story about Darwin and how he formed his ideas.

**Evolution Weekend 2009**, sponsored by the Clergy Letter Project, provides information on discussion groups and seminars providing opportunities to demonstrate that religion and science are not adversaries.

# Evolution Weekend

## The Clergy Letter Project

*The Clergy Letter Project*  
**Home**

**Background**

*The Clergy Letters*

**Christian Clergy Letter**  
(12,093 signatures as of 10/26/09)

**Rabbi Letter**  
(460 signatures as of 10/26/09)

**UU Clergy Letter**  
(209 signatures as of 10/26/09)

*Evolution Weekend*

**Evolution Weekend 2010**

**Evolution Weekend 2009**

**Evolution Weekend 2008**

**Evolution Sunday 2007**

**Evolution Sunday 2006**

*Resources*

**Scientific Consultants**

**Sermons**

**Articles**

**Recommended Readings**

**Websites**

### Welcome to The Clergy Letter Project



The Clergy Letter Project is an endeavor designed to demonstrate that religion and science can be compatible and to elevate the quality of the debate of this issue.



To learn more about The Clergy Letter Project, please browse our site.

**The Clergy Letter Project has been officially endorsed by The United Methodist Church!** Read more about the endorsement **here**. And click **here** to read a piece entitled "The Rightful Place of Science - In Church" by Bishop Sally Dyck, Minnesota Annual Conference, United Methodist Church. Similarly, click **here** to read a piece entitled "The Clergy Letter Project" by Bishop Ernest S. Lyght, West Virginia Annual Conference, United Methodist Church.

**The Clergy Letter Project has been officially endorsed by the Southeast Florida Diocese of the Episcopal Church!** Read more about the endorsement **here**.



PONTIFICIA  
UNIVERSITA  
GREGORIANA

Facoltà di Filosofia  
Specializzazione  
in Scienze e Filosofia



„The design of organisms is not  
what would be expected from an  
intelligent engineer“

Prof Francisco Ayala

### Abstracts

Lectures to be given at the  
III STOQ International Conference

*Biological Evolution  
Facts and Theories  
A Critical Appraisal 150 Years After  
"The Origin of Species"*

Rome, March 3-7 2009

with the collaboration of  
University of Notre Dame (Indiana)



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**Charles Darwin Online** provides the complete works of Charles Darwin, including publications, private papers, illustrations, and biographies.

# Charles Darwin The Complete Work of Charles Darwin Online

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Welcome to the world's most widely used resource on Charles Darwin  
- recently awarded the [Thackeray Medal](#).

New! Darwin's geological notes from the Galapagos islands [here](#).

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[Published manuscripts](#), [Autobiography](#) -

• [International bibliography](#) (Freeman)

• [Private papers & manuscripts](#)

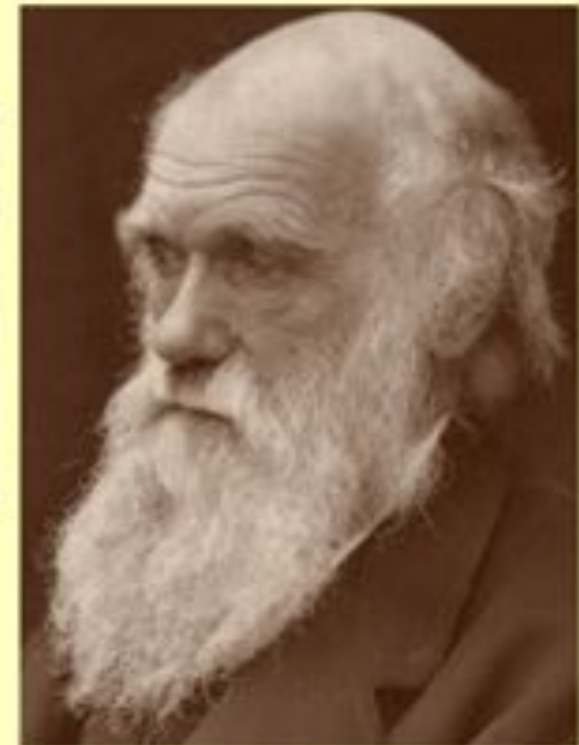
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Darwin Online has had  
over 100 million hits  
since October 2006

The Darwin Exhibition produced by the American Museum of Natural History provides a wonderful story about Darwin and how he formed his ideas.

AMERICAN MUSEUM OF NATURAL HISTORY

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NOVEMBER 19, 2005 - AUGUST 20, 2006

# DARWIN

DISCOVER THE MAN AND THE REVOLUTIONARY THEORY THAT CHANGED THE COURSE OF SCIENCE AND SOCIETY

Introduction

The World Before Darwin

Young Naturalist

A Trip Around the World

The Idea Takes Shape

A Life's Work

Evolution Today

Endless Forms Most Beautiful

Meet the Curator

Behind the Scenes

Watch Darwin Video

Featuring live GALAPAGOS TORTOISES, IGUANA, and FROGS!

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Darwin is organized by the American Museum of Natural History, New York, in collaboration with the Museum of Science, Boston; The Field Museum, Chicago; the Royal Ontario Museum, Toronto, Canada; and the Natural History Museum, London, England. The American Museum of Natural History gratefully acknowledges The Howard Phipps Foundation for its leadership support. Significant support for Darwin has also been provided by Chris and Sharon Davis, Bill and Leslie Miller, the Austin Hearst Foundation, Jack and Susan Rudin, and Rosalind P. Walter. Additional funding provided by the Carnegie Corporation of New York, Dr. Linda K. Jacobs, and The New York Community Trust-Wallace Special Projects Fund.

# Happy Birthday, Mr. Darwin - and Thank you!



**Darwin at 200: a family celebration** a look at the very human side of Darwin written by his great, great grandchild, Ruth Padel.

**2009 Darwin Sesquicentennial Celebration Program** is a year-long celebration of the bicentennial of Darwin's birth and the sesquicentennial of the "On the Origin of Species".

**Darwin Day 2009** is an event where The American Society of Human Genetics will be celebrating the birth of Charles Darwin.

## Darwin at 200: a family celebration a look at the very human side of Darwin written by his great, great grandchild, Ruth Padel.

### Darwin at 200: a family celebration

As the 200th birthday of the pioneering naturalist nears, his great-great-grandchild, the poet Ruth Padel, urges us to see her forebear as an extraordinary human being as well as the man who gave us the theory of evolution

Friday, 12 December 2008

SHARE | PRINT | EMAIL | TEXT SIZE

"I used to like to hear my father admire the beauty of a flower," wrote Charles Darwin's son Francis, who helped Charles with botany experiments that led to the discovery of the first plant hormone, auxin.

"It was a kind of gratitude to the flower itself – a personal love for its delicate form and colour. I remember him gently touching a flower he delighted in. This sounds sentimental but it was the same simple admiration a child might have. It ran through all his relation to natural things: a most keen feeling of their aliveness!"

Why celebrate the 200th birthday of a great scientist who touched flowers like a child? I am no scientist, but I am among Charles Darwin's enormous number of great-great-grandchildren and, to me, his overwhelming feature is his humanity. In his thousands of letters, available online now on [www.darwinproject.ac.uk](http://www.darwinproject.ac.uk), you see everywhere his energetic curiosity about every life form, and his wonder at all complexity, which I suspect that his granddaughter, my grandmother Nora Barlow, then transmitted both to my mother and to all of us children.



CARLOS JASSO

*The path to evolution: the British Library's interactive exhibition 'In Darwin's Footsteps'*

**2009 Darwin Sesquicentennial Celebration Program** is a year-long celebration of the bicentennial of Darwin's birth and the sesquicentennial of the "On the Origin of Species".



**evolution: evidence & impact**

*Celebrating the 150th anniversary of Charles Darwin's "On the Origin of Species"*

coming events  
in the news  
external links  
course offerings  
about darwin  
our partners

**Welcome to Our Year of Darwin Celebration of 2009**

**Evolution: Evidence & Impact**

Celebrating the 150th anniversary of Charles Darwin's "On the Origin of Species."

Charles Robert Darwin was born on February 12, 1809 — the same day as Abraham Lincoln was, an ocean away. Fifty years later, on November 24, 1859, Darwin published his seminal work, "On the Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life."

Throughout our year-long celebration of the bicentennial of Darwin's birth and the sesquicentennial of the "On the Origin of Species," we hope to communicate the many contemporary applications of

- † Darwin's theory of evolution by common descent,
- † the breadth of Darwin's research and its ramifications,
- † the truth of Darwin's work as a cornerstone of modern science and
- † the multiple applications of evolutionary theory throughout UC research.

**Videos and podcasts of recent Darwin 2009 presentations are available on UC's iTunes U and below:**

**news**

- † [UC's Gelepass Project in Second Life Opens Up New Worlds Through a Virtual One](#)
- † ["Darwin's Theories Top Big To Publish" by Joe Palco](#)
- † [Video: Python Reveals the Evolution of Hearing to UC Students](#)
- † [McMicken Magazine, summer 2009: "The Legacy of Darwin"](#)

[more news...](#)

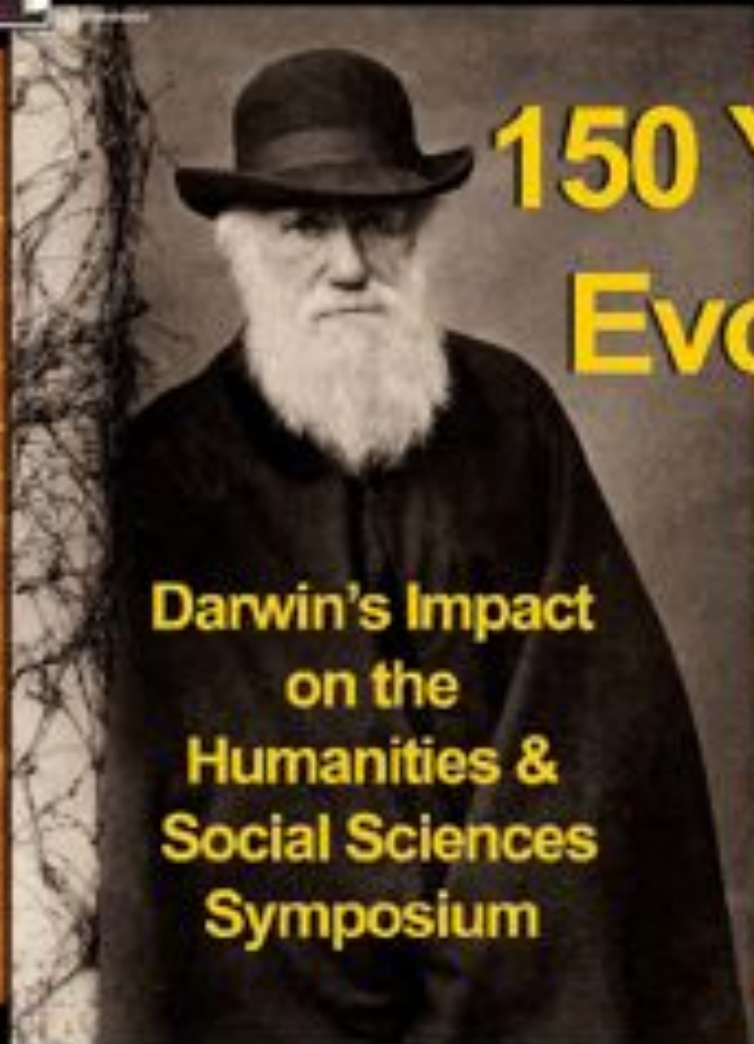
**events**

- † ["Form from Form: Art from Discovery"](#)
- † [Darwin2009](#) is a celebration of a collaboration



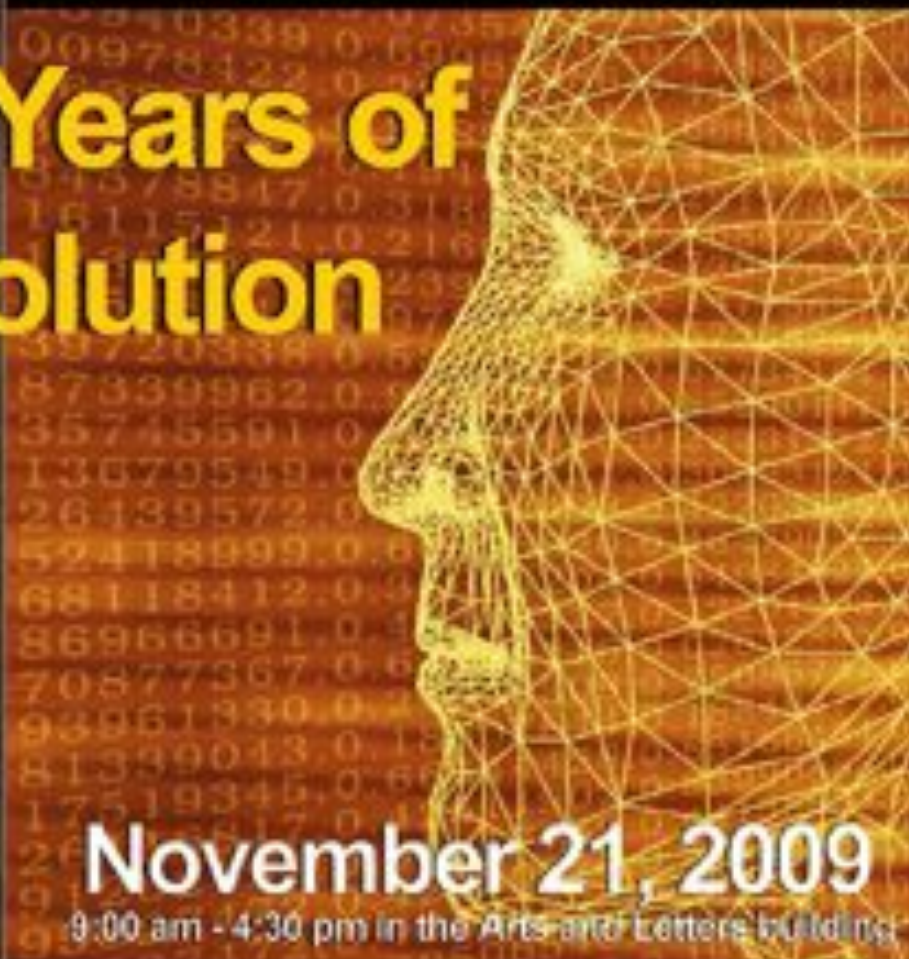
SAN DIEGO STATE  
UNIVERSITY

COLLEGE OF ARTS AND LETTERS



# 150 Years of Evolution

**Darwin's Impact  
on the  
Humanities &  
Social Sciences  
Symposium**



**November 21, 2009**

9:00 am - 4:30 pm in the Arts and Letters building

**KEYNOTE SPEAKER:** MICHAEL CHISELIN,  
CALIFORNIA ACADEMY OF THE SCIENCES  
**INVITED SPEAKER:** JAMES MALLET,  
UNIVERSITY COLLEGE LONDON

[www.darwin.sdsu.edu](http://www.darwin.sdsu.edu)

Darwin Day 2009 is an event where The American Society of Human Genetics will be celebrating the birth of Charles Darwin.

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**ASHG** The American Society of Human Genetics  
discover. educate. advocate.

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### Education

[Statement on the Importance of Participation of Scientists in K-12 Science Education](#)

K-12

UNDERGRADUATE

GRADUATE AND POSTDOC

EVERYONE

ASHG » Education » Darwin Day 2009

## Darwin Day 2009

February 12, 2009

On February 12th, we celebrate the birth of Charles Darwin, whose ideas profoundly shaped the 19th century and continue to guide our thinking today. Darwin Day this year is of special significance as it is the bicentennial of Darwin's birth and the 150th anniversary of his book *On the Origin of Species by Means of Natural Selection*.

ASHG is celebrating Darwin Day because evolution is the unifying concept underlying genetics, indeed all of biology, and it provides the explanation for the variation in traits that so fascinated Darwin. ([more](#))

**DARWIN DAY 2009**

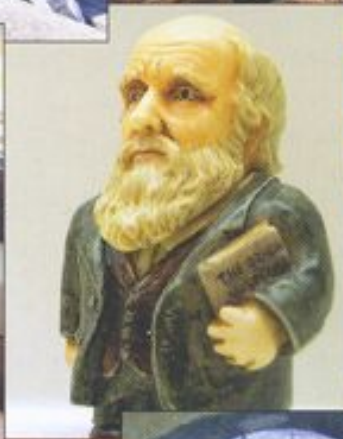
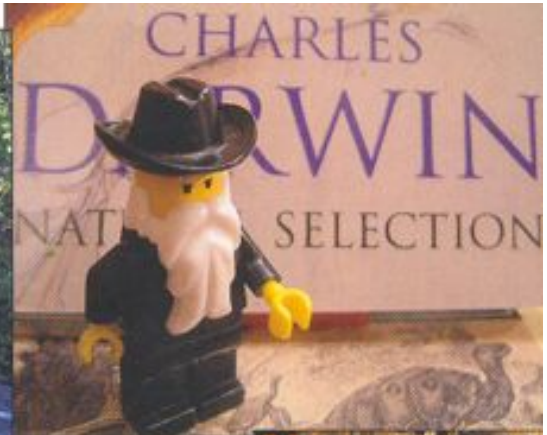
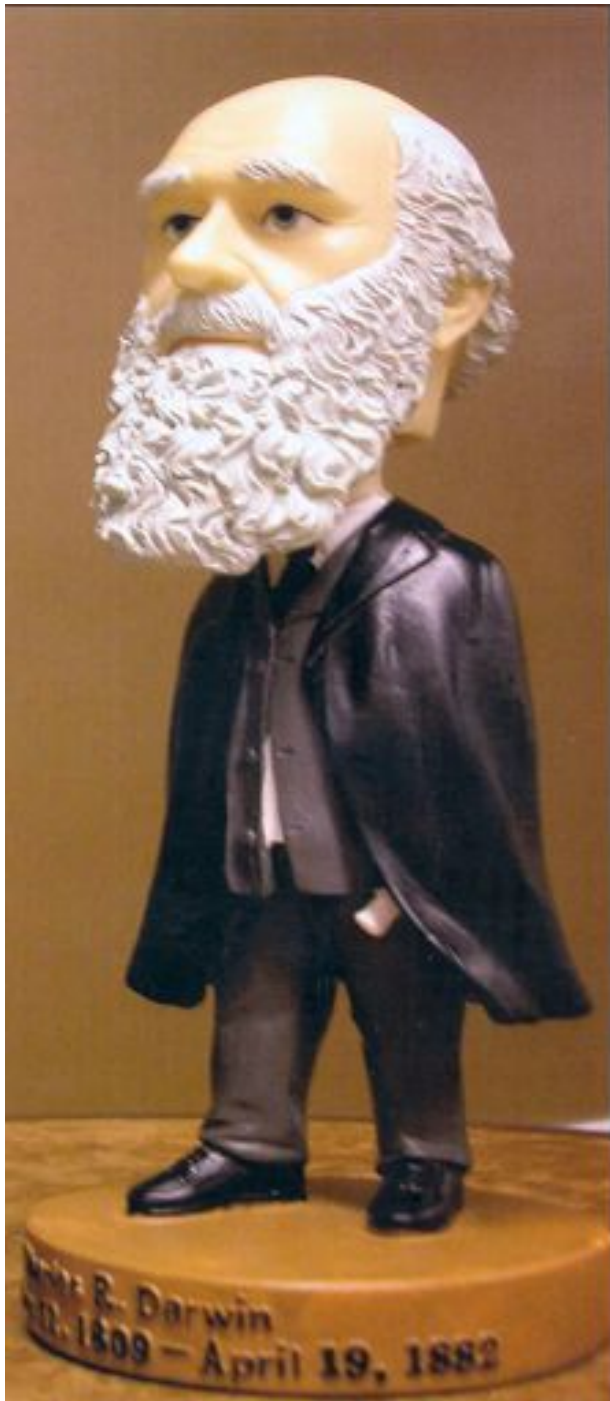
**You can celebrate Darwin Day too!**

Who was Charles Darwin? Learn more about the life of this influential naturalist by reading the biographical sketch written by John van Wyhe.

[[ [ DNA ] ] ]

WikiGENETICS

ASHG The American Journal of Human Genetics





**Charles Darwin:**  
evolution of a scientist

The Manchester Museum  
3 October 2009 - 31 August 2010

There are three aspects to the exhibition. Illustrated episodes from Darwin's life in a graphic novel style exhibit, exploring concepts related to Darwin and evolution, and a timeline setting Darwin's life into context.

The illustrated episodes highlight Darwin's childhood, student days in Edinburgh and Cambridge, his round-the-world voyage on HMS Beagle and the publication of his most famous book: On the Origin of Species. Concepts covered in the exhibition include evolution by natural selection, how species are formed, human evolution, and how science works. The timeline places Darwin's life and work alongside key political, cultural and technological events of his day.

**"I was born a naturalist."**

Free entry

The University of Manchester  
The John Rylands University Library

**A Natural Selection:**  
The life and literature of  
Charles Darwin

16 July to  
29 November  
2009

The University of Manchester  
The Manchester Museum

**MANCHESTER 150**

**THE EVOLUTIONIST**

A Darwin extravaganza  
at  
The Manchester Museum

1 August 2009-30 August 2010

The Manchester Museum  
The University of Manchester  
Oxford Road, Manchester, M13 9PL  
tel 0161 275 2634  
Free entry

[www.manchester.ac.uk/museum](http://www.manchester.ac.uk/museum)

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& Museum**

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Information

## Simple Beginnings - The Story of Evolution

13 June - 7 November 2009



An exhibition looking at the fascinating story of evolution, its legacy and its effects on the natural world.

Monday to Saturday: 10am - 5pm. Free Admission

Bolton Museum, 142-144 Old Street  
142 Old Street  
Bolton, BL1 1TB  
[www.boltonmuseums.org.uk](http://www.boltonmuseums.org.uk)

**Bolton**  
Museum and  
Archive Service

## Meet Charles Darwin

**When we see pictures of Charles Darwin they usually show an old man. As a young man though he struggled to find his place in the world.**

Charles Darwin was born 12 February 1809. At 16 his father sent him to Edinburgh University to study medicine. Darwin hated it and never graduated, but he was fascinated by natural history, learning more about animals, plants and the Earth.

At that time science, especially natural history, was not a professional occupation. It was a hobby for rich gentlemen, doctors and the clergy.

In 1828 Darwin's father sent him to Cambridge University. Here he continued to take an interest in natural history. He regularly took trips with his tutors, exploring the local environment. In 1831 he graduated 10th out of 178 students.

Although he did well at Cambridge, there was little sign of the brilliance to come. It was hoped he would join the clergy and settle down to a quiet life.



### CHARLES DARWIN

Most people in Britain have seen Darwin's image on the back of the ten pound note. It shows him in his late 60s. This image of Darwin as an old man is the one we usually see.

Image - Reproduced with kind permission of the Bank of England



CHARLES DARWIN  
aged 6 or 7

Darwin's older sisters always called him Charley. In this portrait of him, he is holding a potted hyacinth (*Lachnalia sp.*)

Image - English Heritage

## The Source of Darwin's Theory

**Accounts of Darwin's work tend to emphasise his visit to the Galapagos Islands on HMS Beagle as key to his work. The truth is that Darwin was inspired by many different discoveries.**

While travelling he found animals that lived in different locations were broadly similar but had subtle variations. Different habitats and islands had varieties of the same basic form. To Darwin, this suggested a common ancestor.

Darwin knew most animals die before they can reproduce. He realised that any animal that survives to breed must be slightly better suited to its environment.

HMS Beagle returned to Britain on 2 October 1836. Darwin spent the next 22 years looking for and finding lots of evidence to support his theory.

He had collected a vast quantity of new specimens and relied on a number of other scientists to describe, classify and interpret them.

At home he kept pigeons and dogs and experimented with plants in his garden. He was amazed at the varieties that could be achieved in a short space of time by breeding for selected features.

Since remarkable variety could be achieved in a short time through selective breeding, Darwin became convinced that given much longer to work, natural selection could lead to all the variety of life on Earth.



### THE GALAPAGOS ISLANDS

The HMS Beagle wasn't scheduled to visit the Galapagos. It was the Captain's idea while they were in South America. This image of the islands was taken in 2002 by NASA's Terra satellite.

Image - NASA



### BREEDS OF DOG

All dog breeds originate from wolves, but many extreme forms have been bred in the last few hundred years. It is hard to imagine this Chihuahua gradually evolving from a wolf, but we know that's what happened.

Image - Tessa Bennett











**ISTITUTO DI ANTROPOLOGIA DELL'UNIVERSITÀ**  
**ISTITUTO NAZIONALE DI ANTROPOLOGIA - ETNOLOGIA**

**Firenze 2009 - Anno Darwiniano**

150 anni da "On The Origin of Species" - 200 anni dalla nascita di Charles Darwin

<p><b>10 Febbraio 2009</b>          Evoluzione, progresso e sviluppo          intellettuale: dall'uomo ai negri          africani  <b>Jorge Maggi, antropologo</b>  <b>Maria Vasconi, anatomo</b>          - Palazzo Vecchio, ore 11</p> <p><b>27 Febbraio 2009</b>          Origine della vita, ed per caso o          per disegno?  <b>Erica Bellini, genetista</b>          - Palazzo Vecchio, ore 11</p> <p><b>6 Marzo 2009</b>          Interpretazione genetica della          profetia: dall'inganno all'evoluzione in          cartolina  <b>Elisa Pavini, botanica</b>          - Palazzo Vecchio, ore 11</p> <p><b>20 Marzo 2009</b>          Conflicti e competizione negli animali e          nell'uomo, da Darwin al nostro giorno  <b>Francesco Di Caro, etnologo</b>  <b>Annalisa La Vergata, etnologa della scienza</b>          - Palazzo Vecchio, ore 11</p> <p><b>3 Aprile 2009</b>          L'evoluzione dell'evoluzione  <b>Francesco Prati, etnologo</b>  <b>Alberto Vigliani, parologo</b>          - Palazzo Vecchio, ore 11</p> <p><b>4 Aprile 2009</b>          L'evoluzione dei mammiferi placentari          dalla rivoluzione darwiniana alle più          recenti scoperte molecolari  <b>Rosario Silvestri, primatologo</b>          - Palazzo Vecchio, ore 11</p> <p><b>10 Aprile 2009</b>          La selezione sessuale, da Darwin ai giorni nostri  <b>Luca Bealzi, etnologo</b>          - Palazzo Vecchio, ore 11</p> <p><b>4 Maggio 2009</b>          Algoritmi genetici che rivelano il          nostro più antico antenato  <b>Stefano Lanzi, botanico</b>          - Palazzo Vecchio, ore 11</p>	<p><b>22 Maggio 2009</b>          Archeologia e cultura, come a          Venezia, intorno al tema di          "L'evoluzione"  <b>Ogo Baricordi, paleontologo</b>  <b>Lorenzo Rook, primatologo</b>          - Palazzo Vecchio, ore 11</p> <p><b>9 Giugno 2009</b>          Biologia, genetica e antropologia  <b>Silvana Marchesini, ingegnere</b>          - Palazzo Vecchio, ore 11</p> <p><b>12 Giugno 2009</b>          L'evoluzione di accompagnamento  <b>Stefano Turillazzi, neurobiologo</b>          - Palazzo Vecchio, ore 11</p>	<p>Di notte, in sala teatro da definire...</p> <p><b>Stefano Baricordi, etnologo della scienza</b>  <b>Marcello Baricordi, genetista</b>  <b>David Corbelli, antropologo</b>  <b>Rosario Fari, genetista</b>  <b>Silvana Marchesini, etnologa della medicina</b>  <b>Alessandro Pagani, filosofo della scienza</b>  <b>Fabrizio Pavesi, filosofo della scienza</b>  <b>Andrea Pavesi, etnologo</b>  <b>Adriano Tassi, primatologo</b></p>
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**2009**  
**Darwin Year**

**In italiano, spettacoli "Darwiniani"**

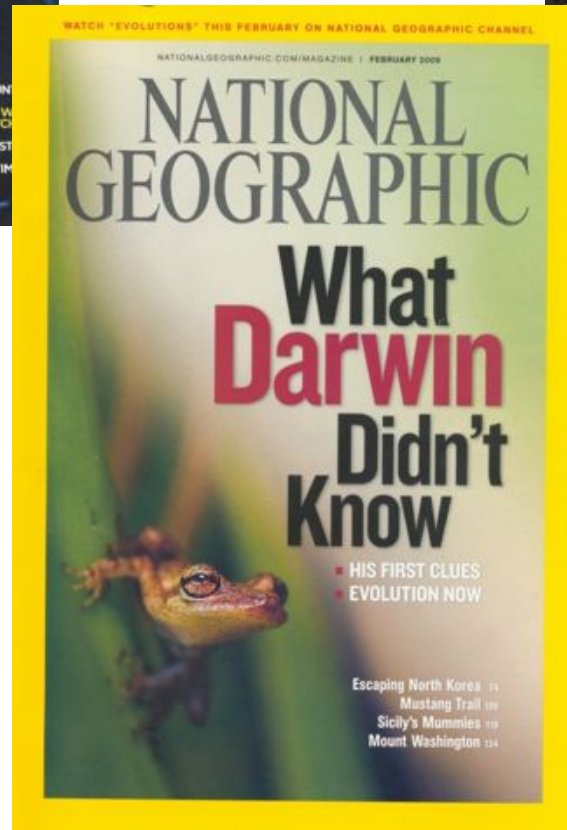
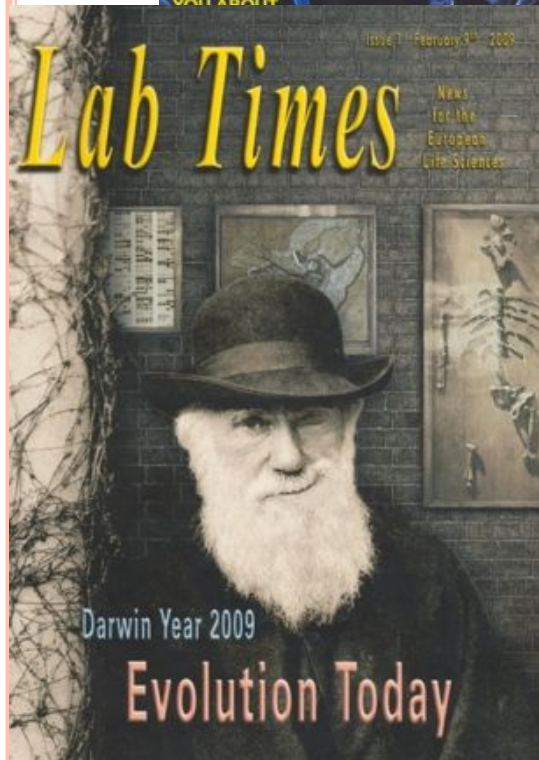
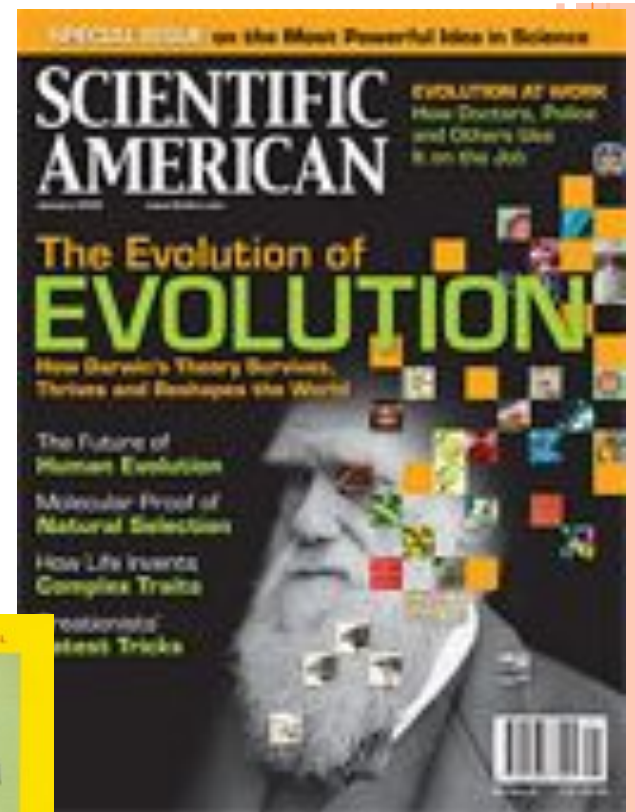
Il teatro dell'evoluzione  
 una conferenza raccontata di Emanuele Ciceri con la  
 partecipazione di Elio e la Nuova Tora

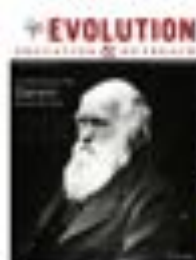
5 ottobre 2009  
 con Elio Ciceri e Stefano Gregorini  
 Palazzo di Presentazione di Purgatorio Ghibellini

Admissioni:  
 di Paolo Mantovani (ore 10 da definire)

A cura del Dipartimento di Biologia Evolutiva e Sistemica "E. Ragni" dell'Università di  
 Firenze, con la collaborazione dell'INAG

Per informazioni: Prof. Maria Vasconi - 055 2759200 - vasconi@uni-fi.it - www.uni-fi.it





## Evolution: Education and Outreach

Managing editor: M. Wysock

ISSN: 1936-6426 (print version)

ISSN: 1936-6434 (electronic version)

Journal no. 12052

Springer US

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# Evolution: Education and Outreach

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Journal Access



\*\*\* Evolution: Education and Outreach has extended its free access online until the end of 2009! \*\*\*

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Darwin's Theory of Evolution revolutionized scientific thinking. Since the publication of *The Origin of Species* 150 years ago, this theory has been extensively and rigorously tested. Overwhelming scientific evidence from many disciplines exists to support this theory. From the vast body of scientific evidence that has accumulated, we have come to an understanding of all areas of the biological world - from our cells and DNA to our lakes and forests. Evolutionary principles are the foundation of all modern biology and have led to major advances in fields as diverse as molecular biology, developmental biology, genetics, behavior, and paleontology. As such, evolutionary theory is a fundamental and necessary component of modern science education.

Evolution: Education and Outreach will promote accurate understanding and comprehensive teaching of evolutionary theory for a wide audience. Targeting K-16 students, teachers and scientists alike, the journal will publish articles to aid members of these communities in the teaching of evolutionary theory.

Authors are encouraged to submit general review articles about evolution and the teaching of evolution on a variety of topics from cosmology to genetics and earth history to the evolution of cultural artifacts. The journal will address the question of why we should care about evolution by exploring the practical applications of evolutionary principles in daily life and the impact of evolutionary theory on culture and society throughout history. Publication will be timely and peer reviewed.

The journal will connect teachers with scientists by adapting cutting-edge, peer reviewed articles for classroom use on a variety of instructional levels. Teachers and scientists will collaborate on multi-authored papers and offer tools for teachers such as unit and lesson

## Journal Issue



Volume 2, Number 3 / September, 2009

Journal	Evolution: Education and Outreach
Publisher	Springer New York
ISSN	1936-6426 (Print) 1936-6434 (Online)
Pages	341-577
Subject Collection	Biomedical and Life Sciences
SpringerLink Date	Thursday, August 20, 2009

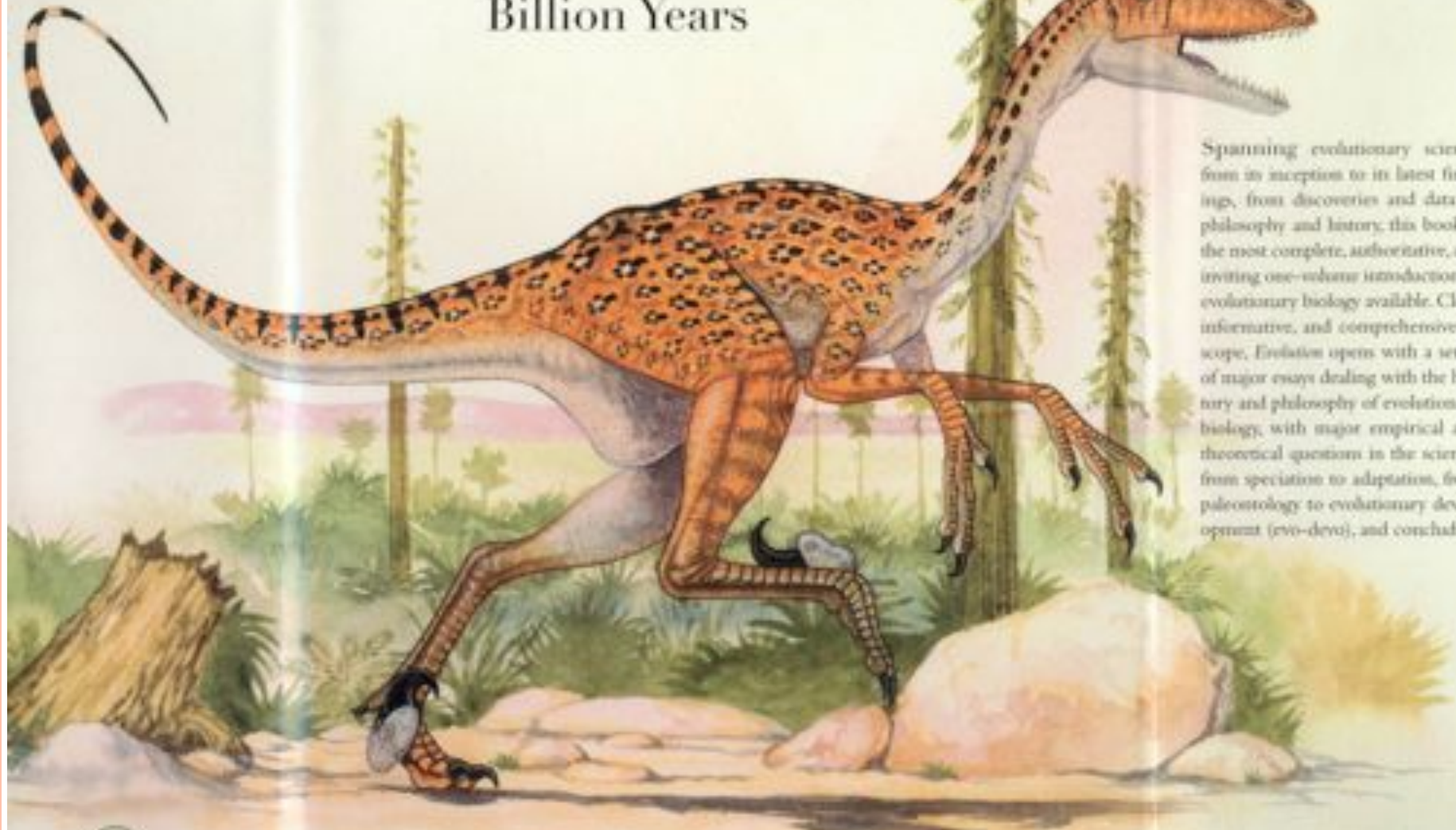
## the language of science

- |         |  |         |
|---------|--|---------|
| Article | Why I Teach Evolution  | 342-346 |
|         | Greg Eldredge  |         |
|         | PDF (85.5 KB)  HTML  |         |
| Article | Evolution in Biology Education: Sparking Imagination and Supporting Learning   | 347-348 |
|         | Kristin P. Jenkins   |         |
|         | PDF (64.1 KB)  HTML  |         |
| Article | Evolution Education in Utah: A State Office of Education-University Partnership Focuses on Why Evolution Matters   | 349-358 |
|         | Jerald B. Johnson, Marta Adair, Byron J. Adams, Daniel J. Fairbanks, Velma Itamura, Duane E. Jeffery, Duane Merrill, Scott M. Ritter and Richard R. Tolman |         |
|         | PDF (183.6 KB)  HTML   |         |
| Article | Why Science Standards are Important to a Strong Science Curriculum and How States Measure Up   | 359-371 |
|         | Louise S. Mead and Anton Mates   |         |
|         | PDF (258.1 KB)  HTML   |         |



USE & TRAVIS

# The First Four Billion Years



Spanning evolutionary science from its inception to its latest findings, from discoveries and data to philosophy and history, this book is the most complete, authoritative, and inviting one-volume introduction to evolutionary biology available. Clear, informative, and comprehensive in scope, *Evolution* opens with a series of major essays dealing with the history and philosophy of evolutionary biology, with major empirical and theoretical questions in the science, from speculation to adaptation, from paleontology to evolutionary development (evo-devo), and concluding

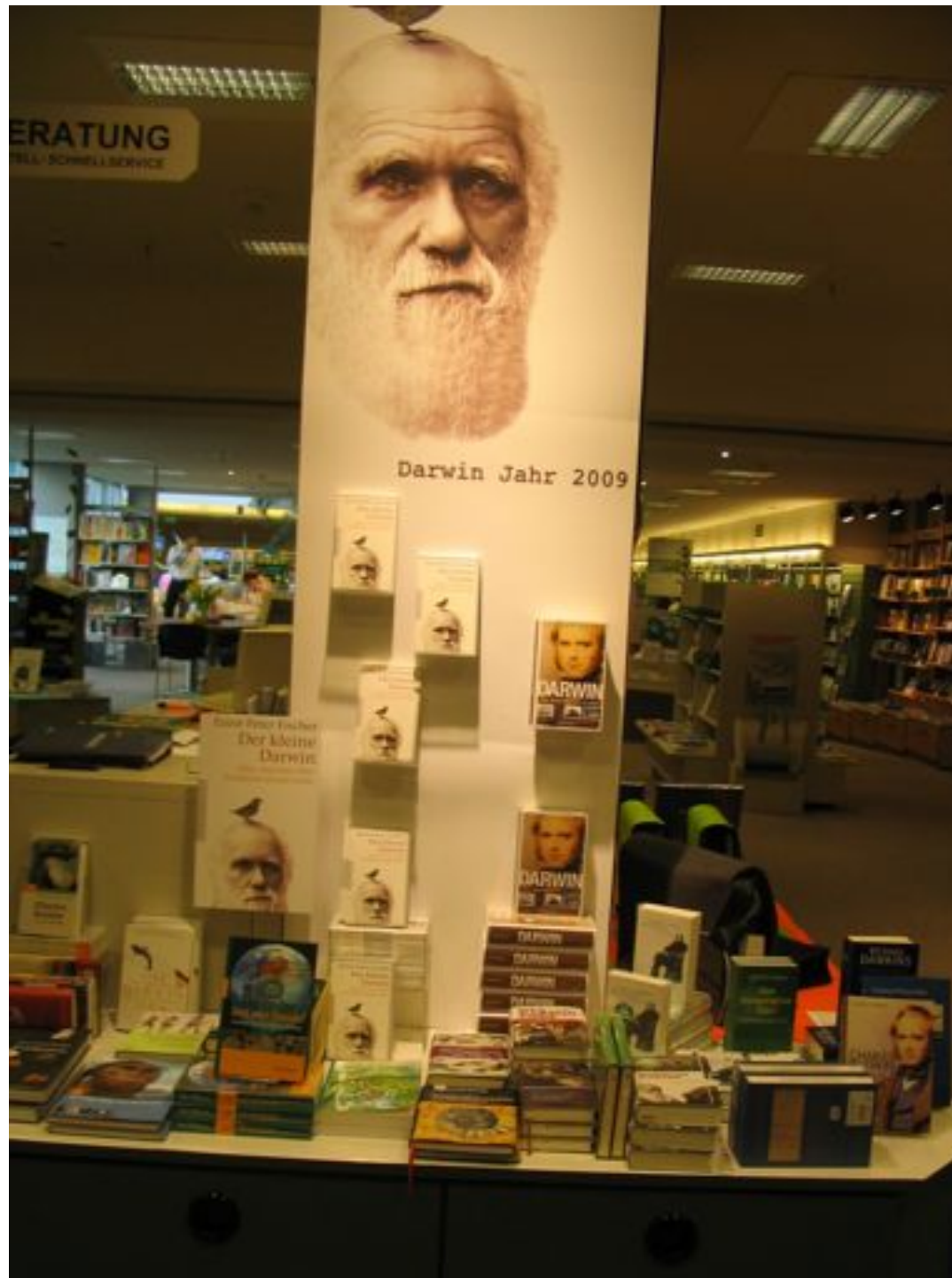


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HARVARD

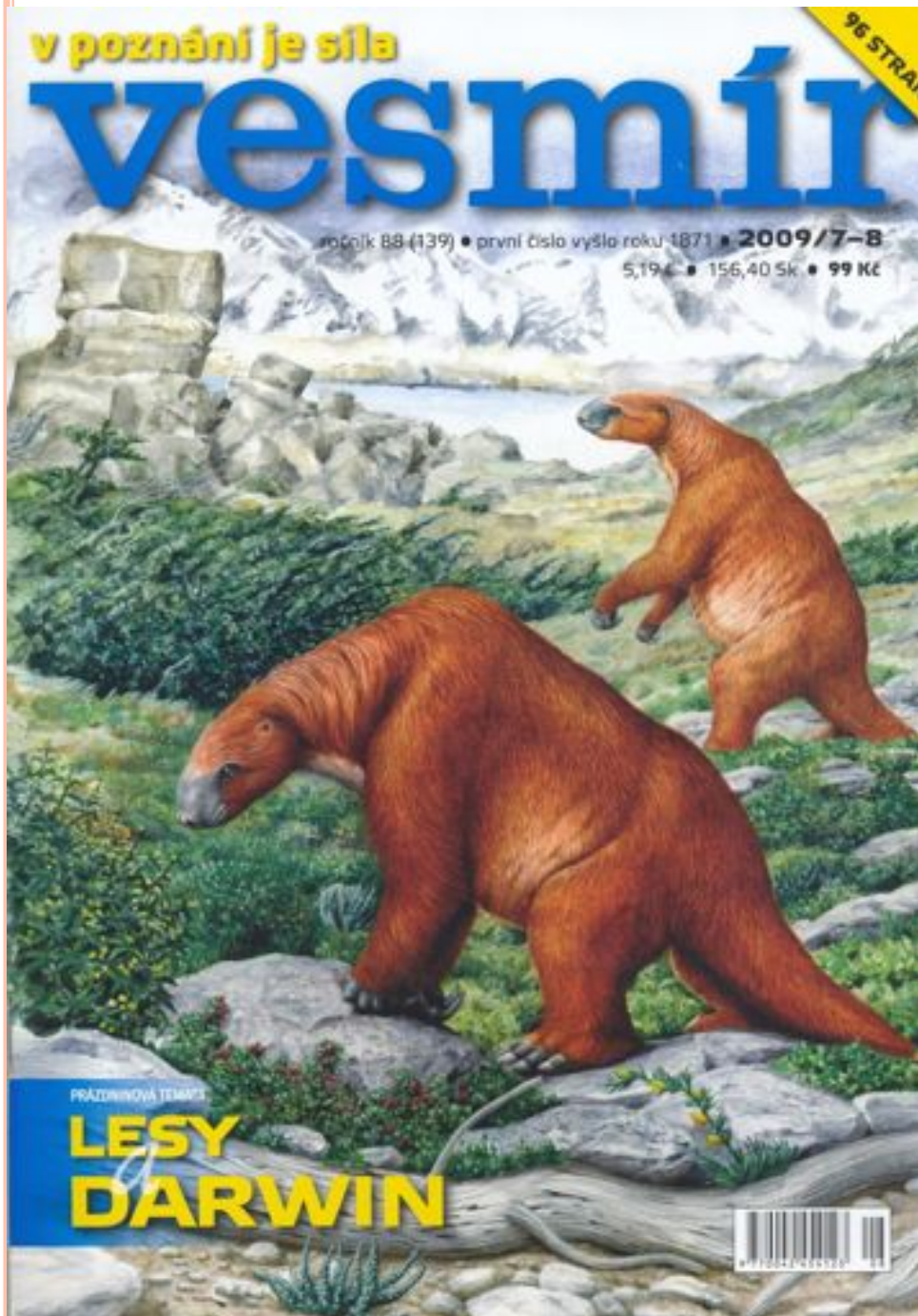
EDITED BY MICHAEL RUSE & JOSEPH TRAVIS

FOREWORD BY EDWARD O. WILSON

2009

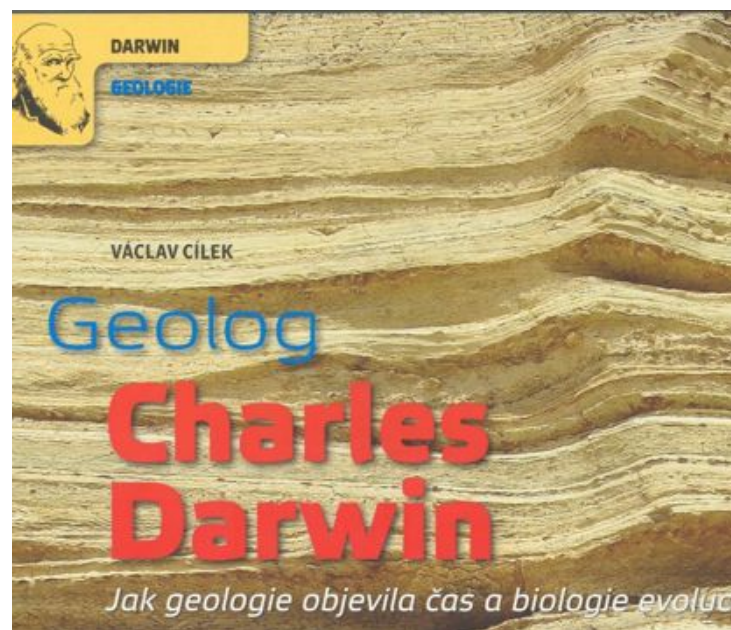


**Dusseldorf  
April 2009**



DAVID STORCH


Čtení Darwina:  
**Původ druhů**  
po 150 letech



Pavilon Anthropos

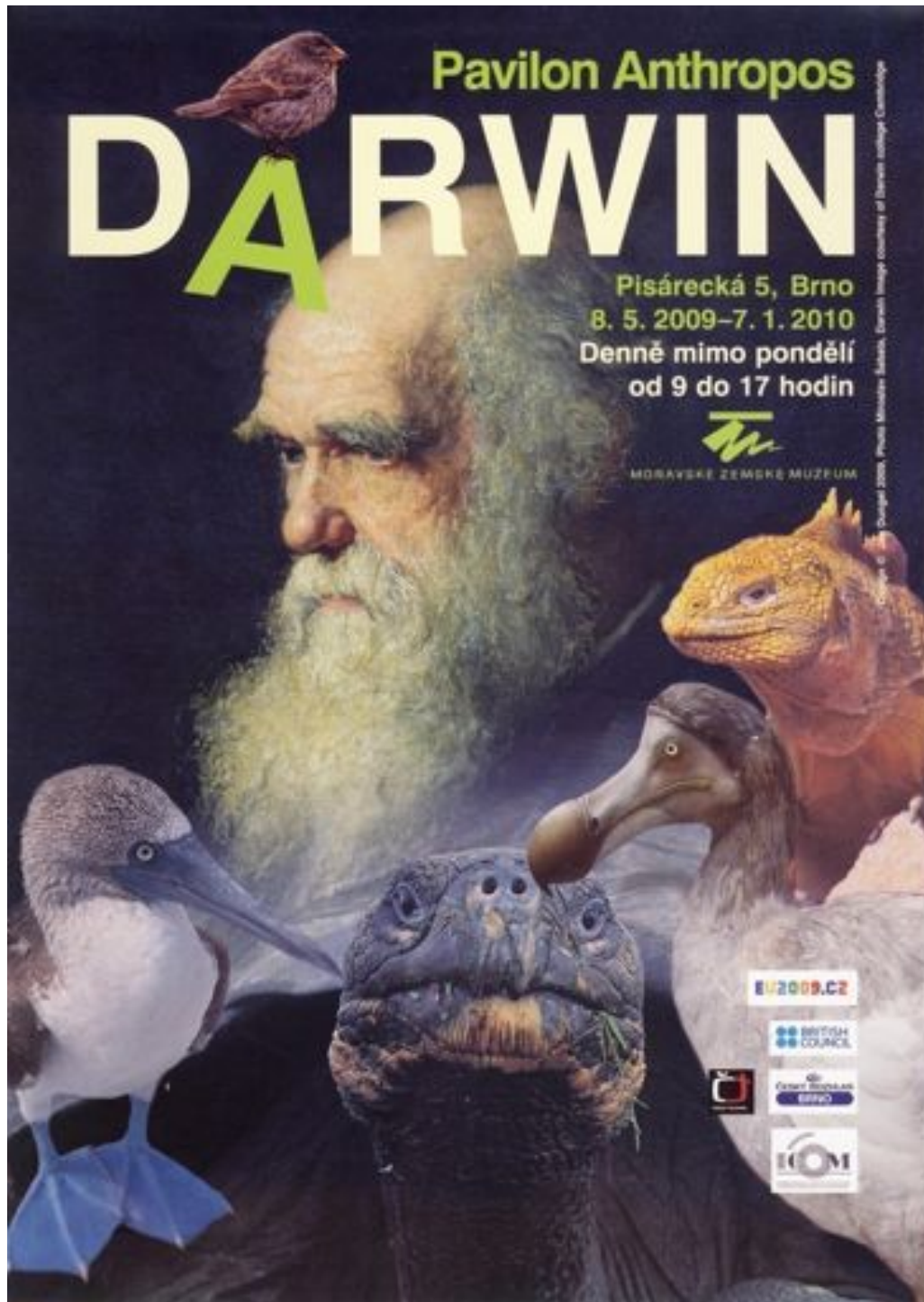
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Pisárecká 5, Brno  
8. 5. 2009–7. 1. 2010  
Denně mimo pondělí  
od 9 do 17 hodin

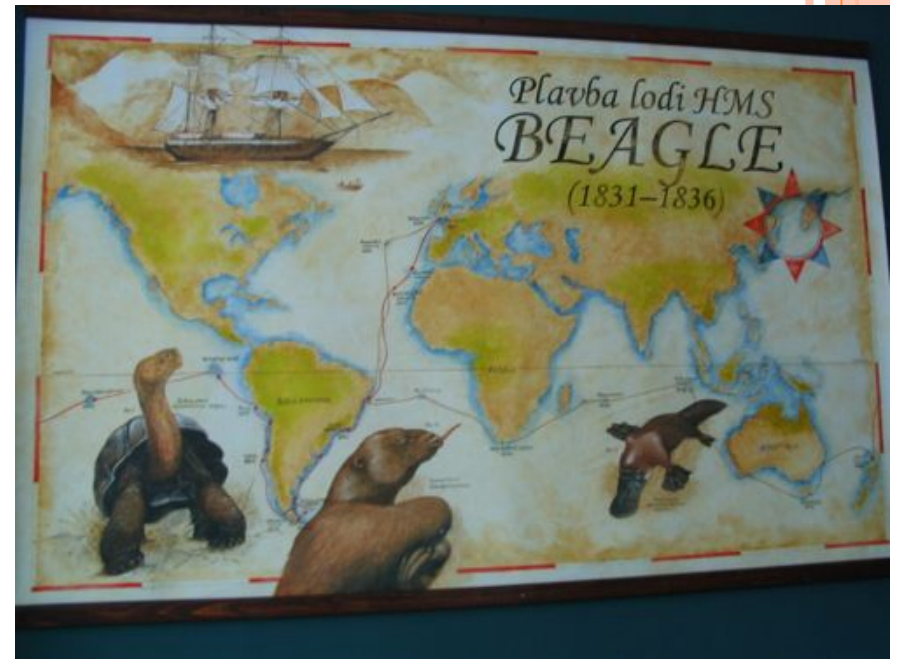


MORAVSKÉ ZEMSKÉ MUZEUM

Copyright 2009. Photo: Museum Exhibits, Darwin's Image courtesy of Darwin College, Cambridge



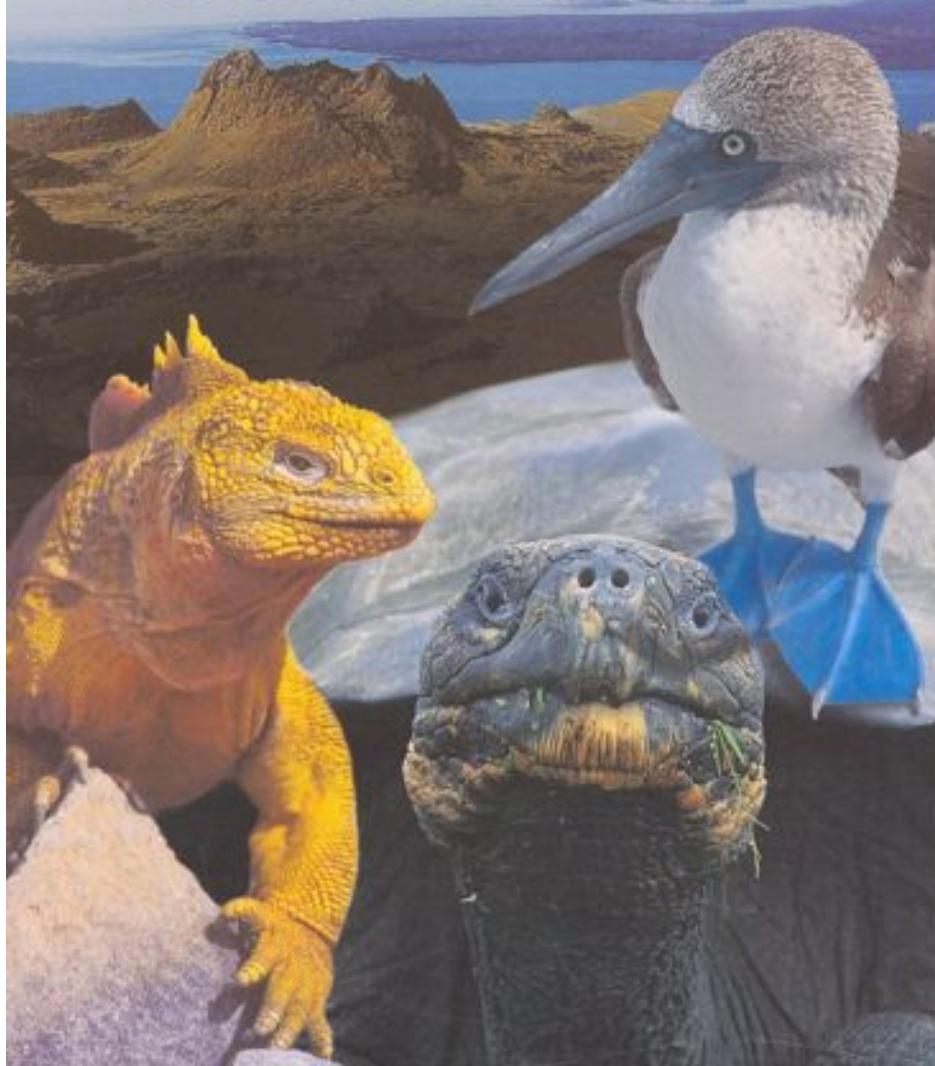
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# ZAČAROVANÉ OSTROVY



# ZAČAROVANÉ OSTROVY

Přírodopisný dokument o Galapázkém souostroví

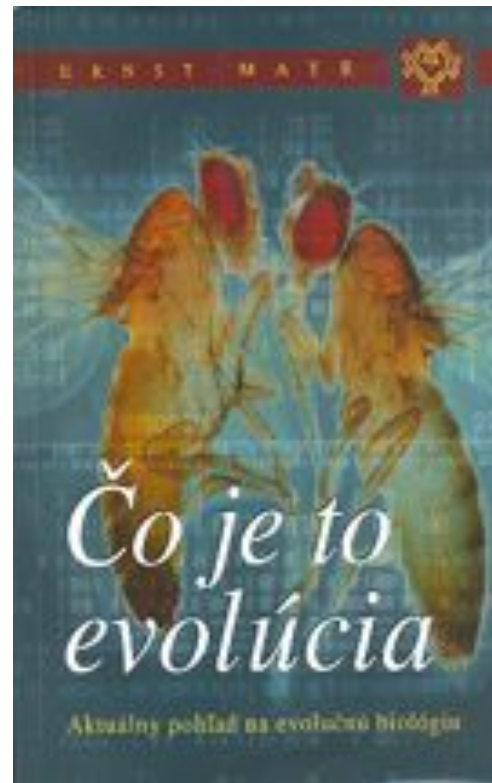
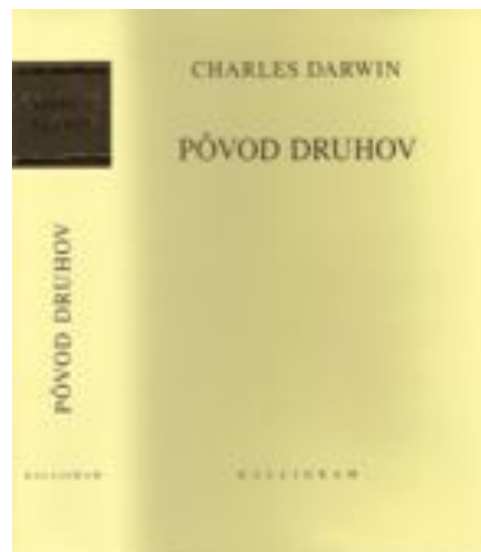
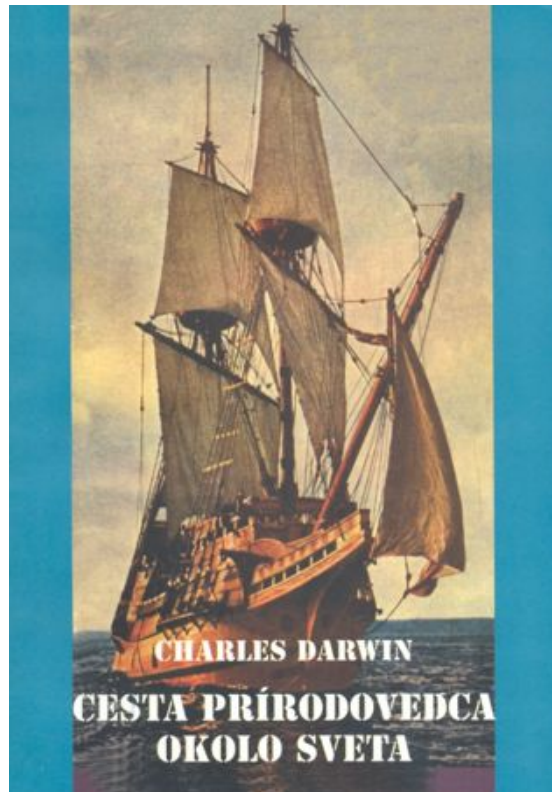
Kamera a režie:  
**Miroslav Šebela**

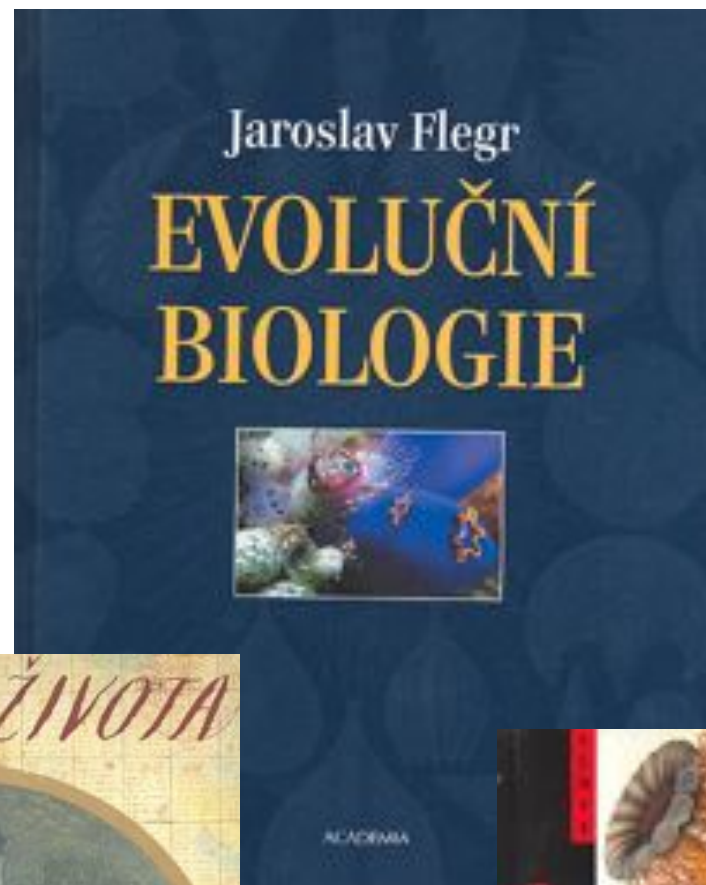
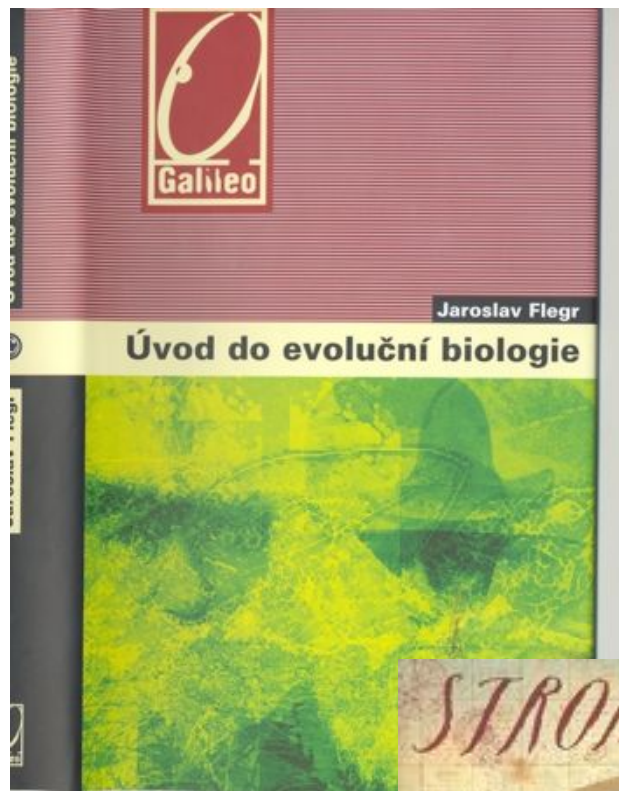


Střih: Petr Sladký  
Hudba: Jan Valášek  
Komentář čte: Jan Kolařík  
Čas: 52 min.

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## Evolučná biológia literatúra v slovenčine





# Happy Birthday, Mr. Darwin - and Thank you!



age 7



age 30



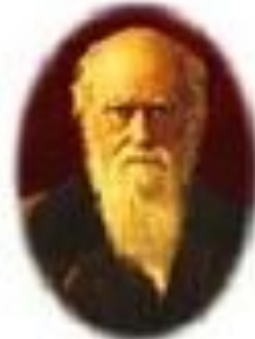
age 49



age 55



age 65



age 71

**CHARLES ROBERT DARWIN**  
**February 12, 1809 to April 19, 1882**

