

HUAS 7380-501 (87124)

**Planet of the Apes: Art, Design,
and the Anthropocene**

Dr. Charissa N. Terranova

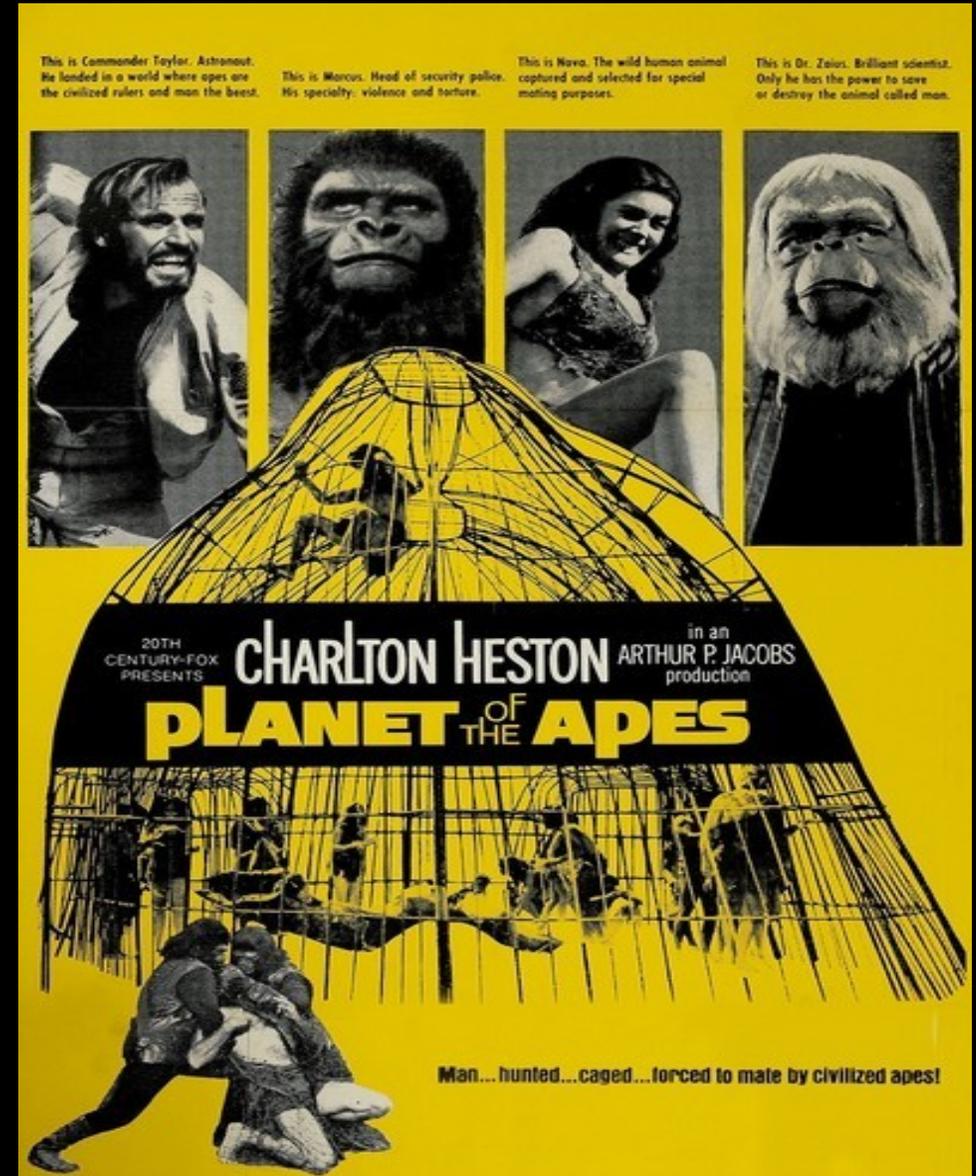
Fall 2017

Thursday 7:00-9:45 pm

JO 4.112

Evolution and Co-evolution

***Planet of the Apes* (1963) by Pierre
Boulle**



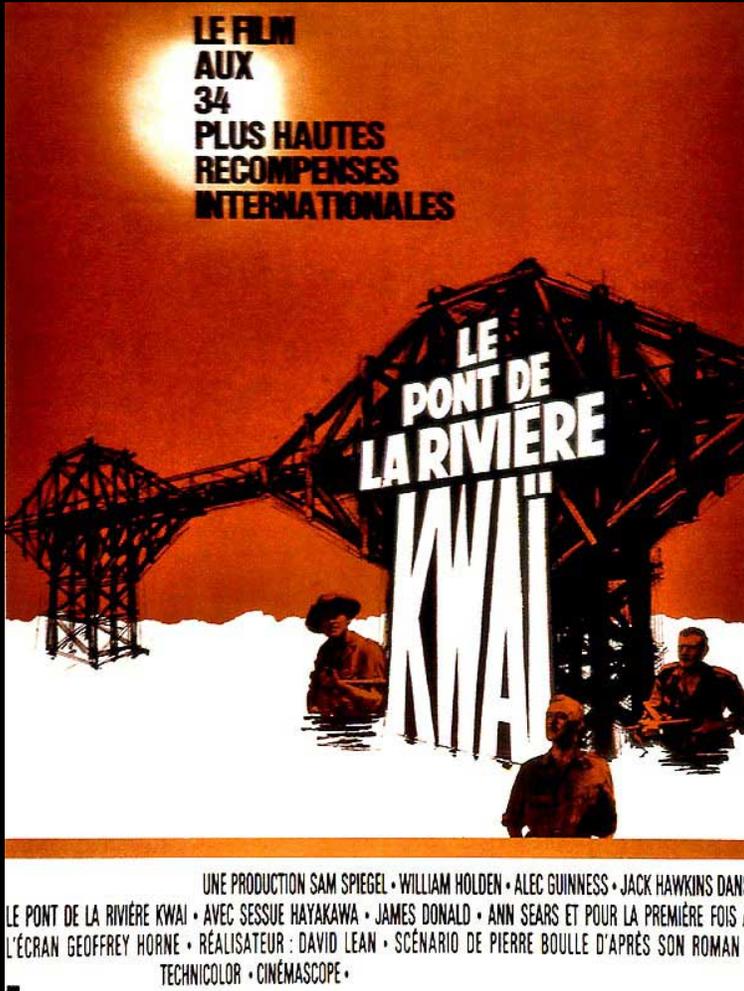
New Additional Office Hours

Office Location: ATC 2.704

Office Hours: Thursday 12:00-1:00 pm, 4-6:45 pm and by
appointment

**Be certain to send me an email before you come if you plan to
come see me.**

Pierre Boulle (1912-1994)



- French, b. Avignon
- Baptized Catholic, became agnostic
- Engineer diploma from the Ecole supérieure d'électricité in 1933
- 1933-36 worked at British rubber plantation in Malaya (Southeast Asia)
- WW II enlisted with French army in Indochina; joined Free French Mission in Singapore
- Secret Agent helped resistance movements in China, Burma, and French Indochina
- 1943 captured by Vichy loyalists on Mekong River
- 1945 returns to work in rubber industry
- 1949 moves to Paris to write
- 1950 *William Conrad*
- 1951 *Le sacrilège malais*
- 1952 *The Bridge over the River Kwai*
- 1954 *The Executioner*
- 1963 *Planet of the Apes*
- Authored 24 novels

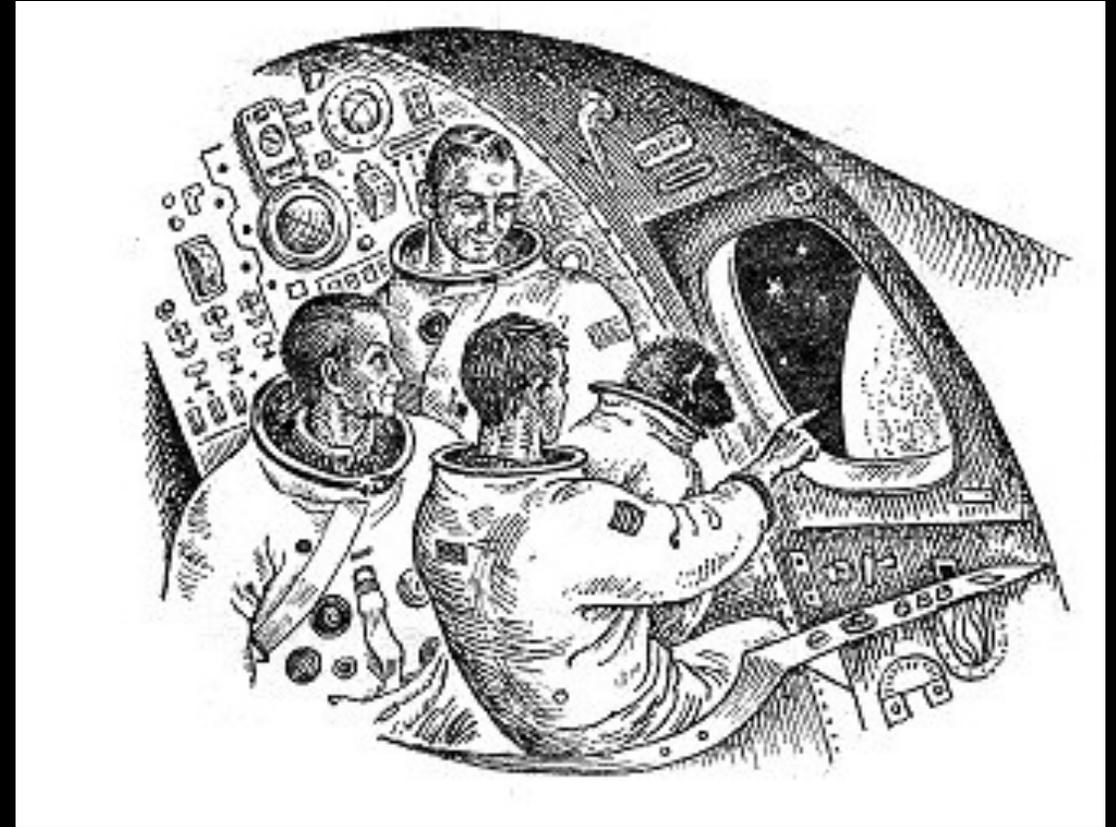


Planet of the Apes (1963) by Pierre Boulle

- Who are the main characters?
- How does the story unfold? What is Betelgeuse? What is Soror?
- What is the role of ‘time’ here in the early part of the novel?
- There are many types of ‘time’ at work in the novel and the film. How are they represented – in terms of science, technology, and geographical setting?
- How are the ‘apes’ divided? What is their taxonomy? Why does this taxonomy exist?
- What is the role of language in the novel – as used by various creatures and species?
- In what ways does a ‘tables turned’ logic (humans hunted, caged, demeaned by apes, etc.) emerge in the novel? How might we interpret this logic?
- What are some of the overarching messages of this book?
- Does this book and the subsequent film franchises and TV shows based on it constitute a type of “Pop evolution”?
- Does the book abuse science in its popularization of evolution?
- Does the book use or abuse art in its attempts to popularize the theory of evolution?
- How are we to understand themes of colonialization and post-colonialism between Boulle’s novel and its adaptation into a film?

Who are the main characters?

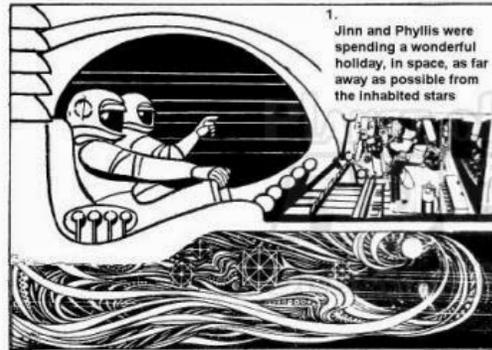
- Jinn
- Phyllis
- Ulysse/Ulysses
- Arthur Levain
- Professor Antelle
- Hector (pet chimpanzee)
- Nova
- Zira
- Cornelius
- Zaius
- Sirius



How does the story unfold? What is Betelgeuse?
What is Soror?

MONKEY PLANET

Written & Drawn by ERNŐ ZÓRÁD
Based on the Novel by PIERRE BOULLE



1. Jinn and Phyllis were spending a wonderful holiday, in space, as far away as possible from the inhabited stars



2. All of a sudden an unusual flash of light streaked across the void



3. It was a bottle made of light-colored glass with something white inside that looked like paper - a message!
Jinn embarked on some skillful maneuvers to retrieve the bottle.

Ulysse Mérou: My Story

A large black and white illustration of a futuristic, multi-tiered structure, possibly a space station or a large-scale experiment. The structure is composed of many rectangular blocks and is supported by a central vertical column. It is set against a background of a starry sky.

4. I am confiding this manuscript to space, not with the intention of saving myself, but to help, perhaps, to avert the appalling scourge that is menacing the human race. Lord have pity on us! Here, faithfully reported, is the account of my adventure

5. It was in the year 2500 that I embarked in the cosmic ship with the intention of reaching the region of space where the super gigantic star Betelgeuse reigns supreme. Our craft, which was big enough to accommodate several families, had only three passengers.

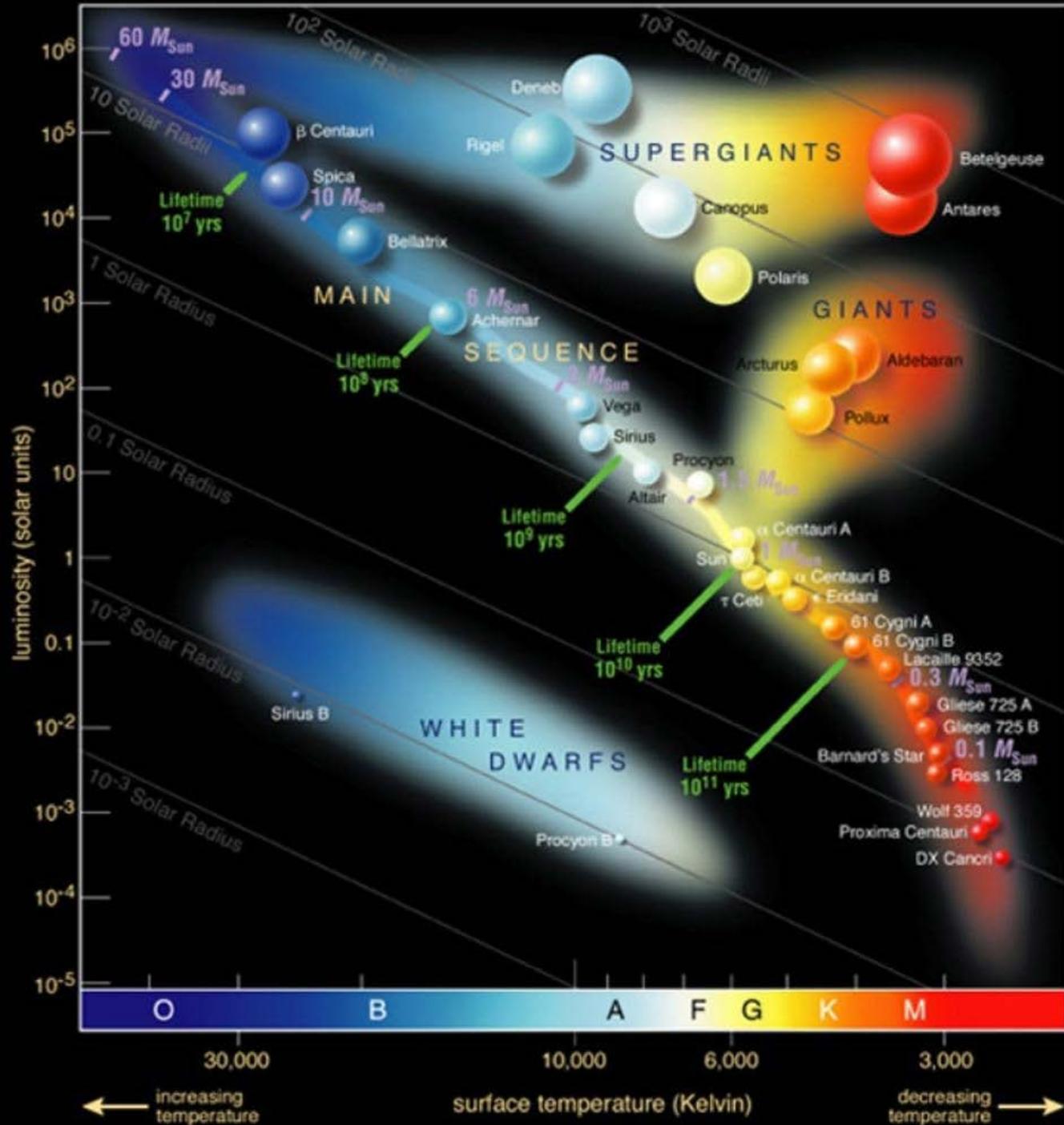
6. Professor Antelle, the principal organizer of the enterprise.

7. His disciple Arthur Levain, a young physician with a great future...

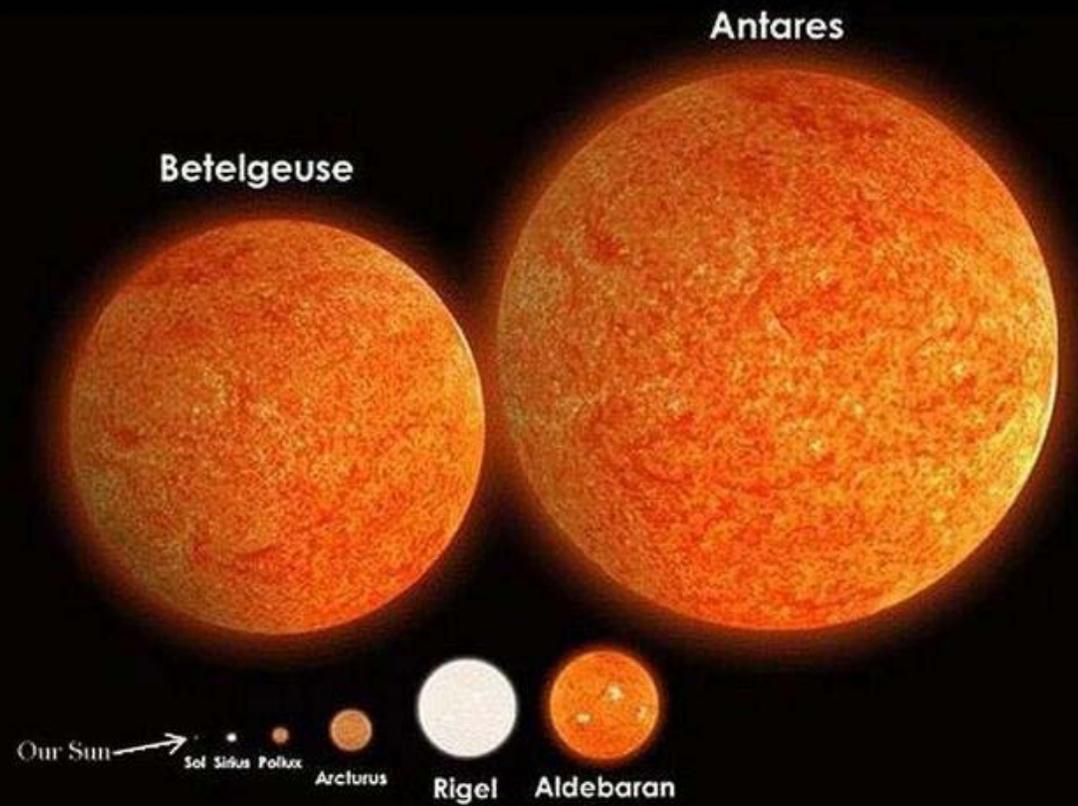
8. ...and myself, Ulysse Mérou, a journalist.

Three black and white portraits of the main characters: Professor Antelle, Arthur Levain, and Ulysse Mérou. They are shown from the chest up, looking towards the viewer with serious expressions.

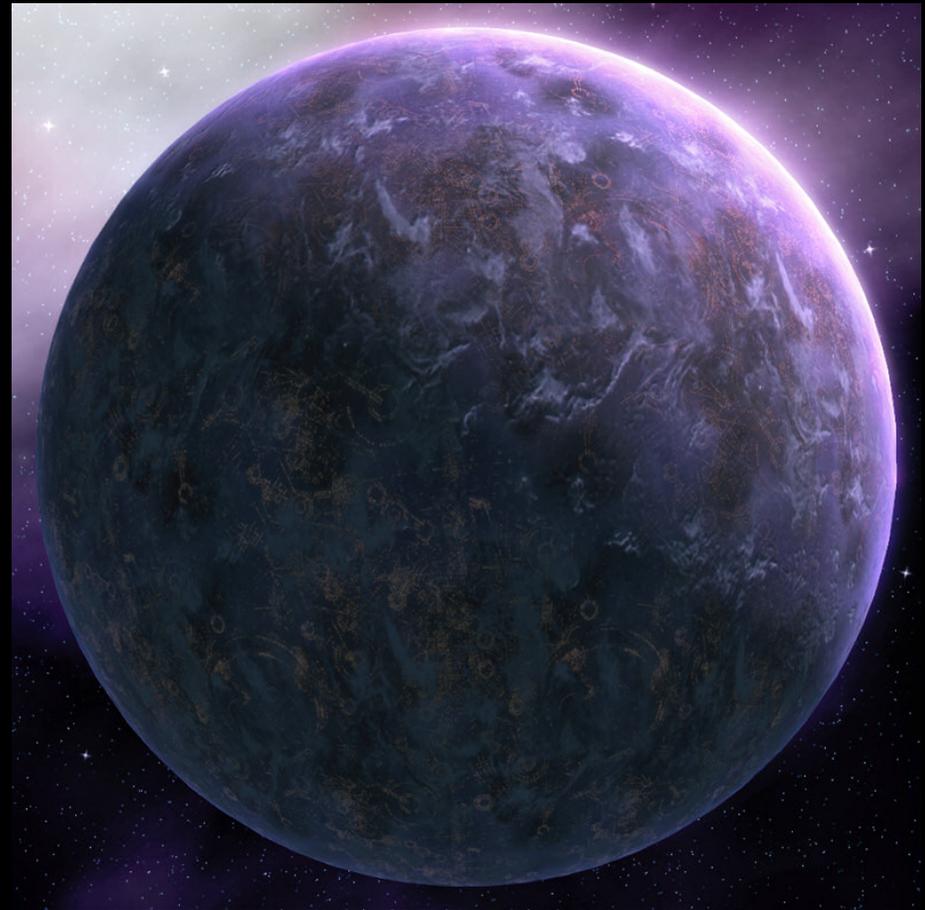
English Adaptation by Neil T. Foster



Betelgeuse is a star that is 900 times the size of our sun.



Soror was the name given to the second planet of Betelgeuse



What is the role of 'time' here in the early part of the novel?

It was in the year 2500 that I embarked with two companions in the cosmic ship, with the intention of reaching the region of space where the super-gigantic star Betelgeuse reigns supreme. (10)

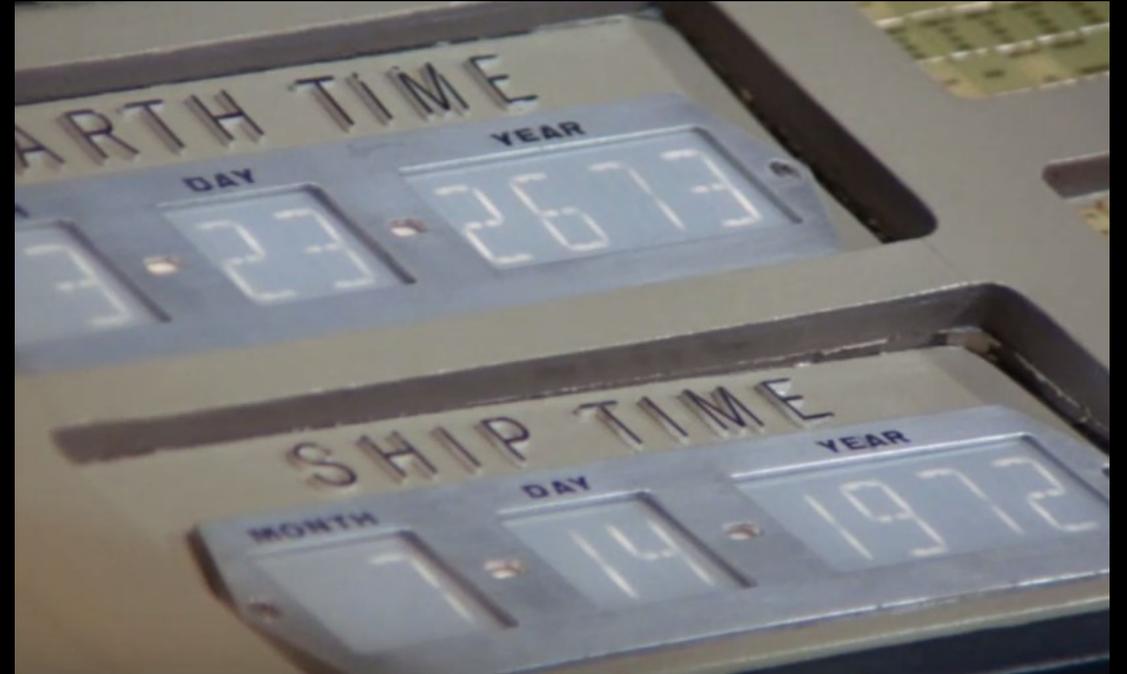
What you must also realize is that while we are moving at this speed, our time diverges perceptibly from time on Earth, the divergence being greater the faster we move. At this very moment, since we started this conversation, we have lived several minutes, which correspond to a passage of several months on our planet. At top speed, time will almost stand still for us, but of course we shall not be aware of this. A few seconds for you and me, a few heartbeats, will coincide with a passage of several years on Earth. (12)

As he had foreseen, the voyage lasted about two years of our time, during which three and half centuries must have elapsed on Earth. That was the only snag about aiming so far in the distance: if we came back one day we should find our planet older by seven or eight hundred years. But we did not care. I even felt that the prospect of escaping from his contemporaries was an added attraction to the professor. He often admitted he was tired of his fellow men... (13)

time dilation and Theory of Relativity

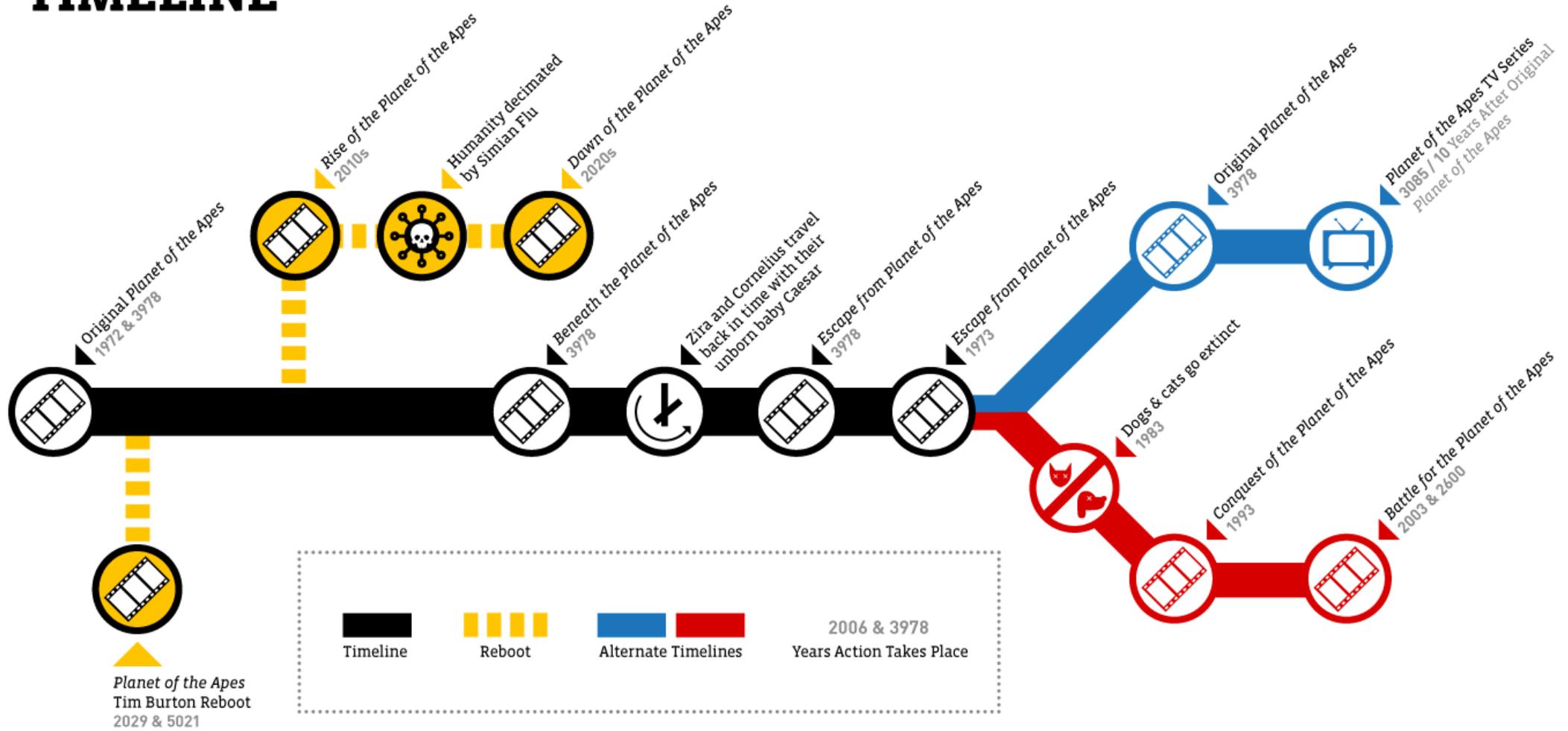
According to the theory of relativity, time dilation is a difference in the elapsed **time** measured by two observers, either due to a velocity difference relative to each other, or by being differently situated relative to a gravitational field.

Temporal dilation emerges from the fact that temporal duration depends on the observer. It is a relativistic effect based on A. Einstein's theory of relativity (1905). Summarized briefly: Moving clocks are slower than stationary ones. A bit more precisely: An observer on station A measures time using his on-board clock. Station B, passing A at high speed, has an exact copy of A's clock on board. Yet, from the point of view of A, the clock in station B runs more slowly than his own.



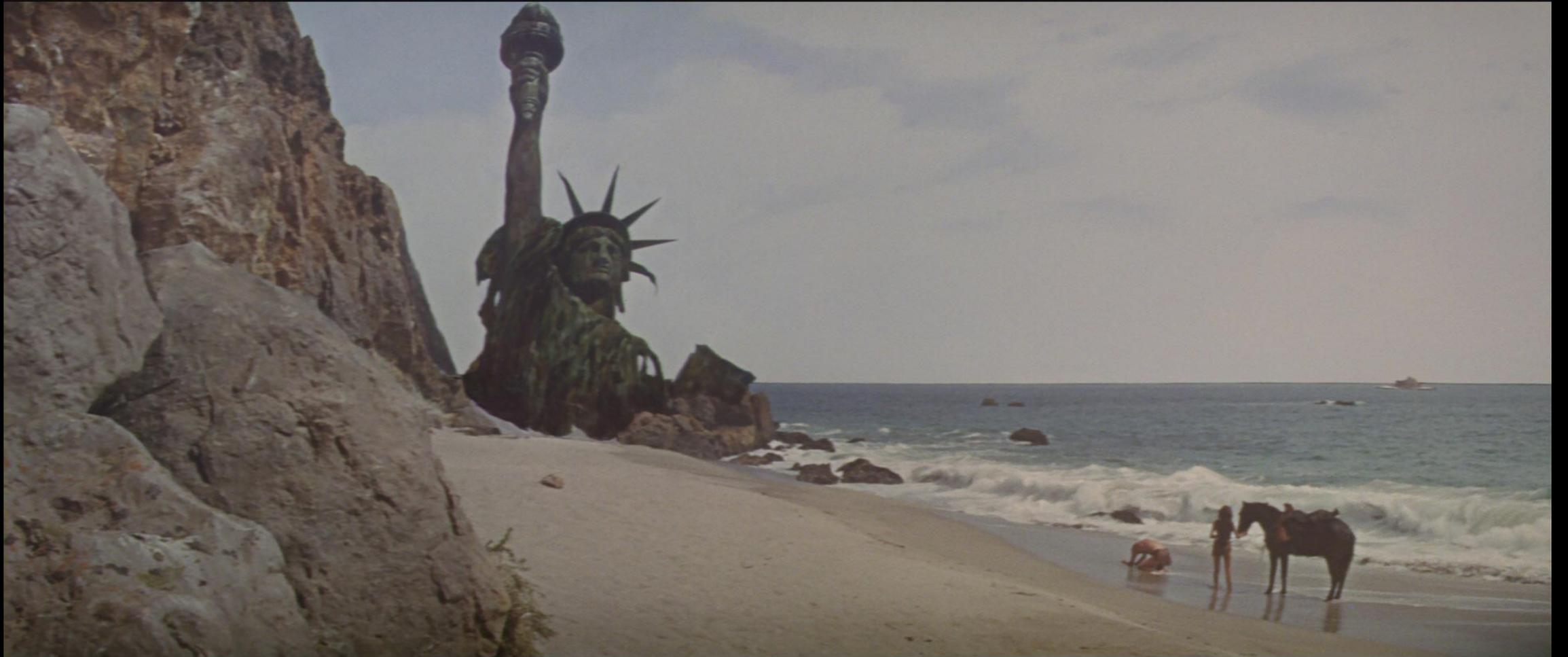
There are many types of 'time' at work in the novel and the film. How are they represented – in terms of science, technology, and geographical setting?

PLANET OF THE APES TIMELINE



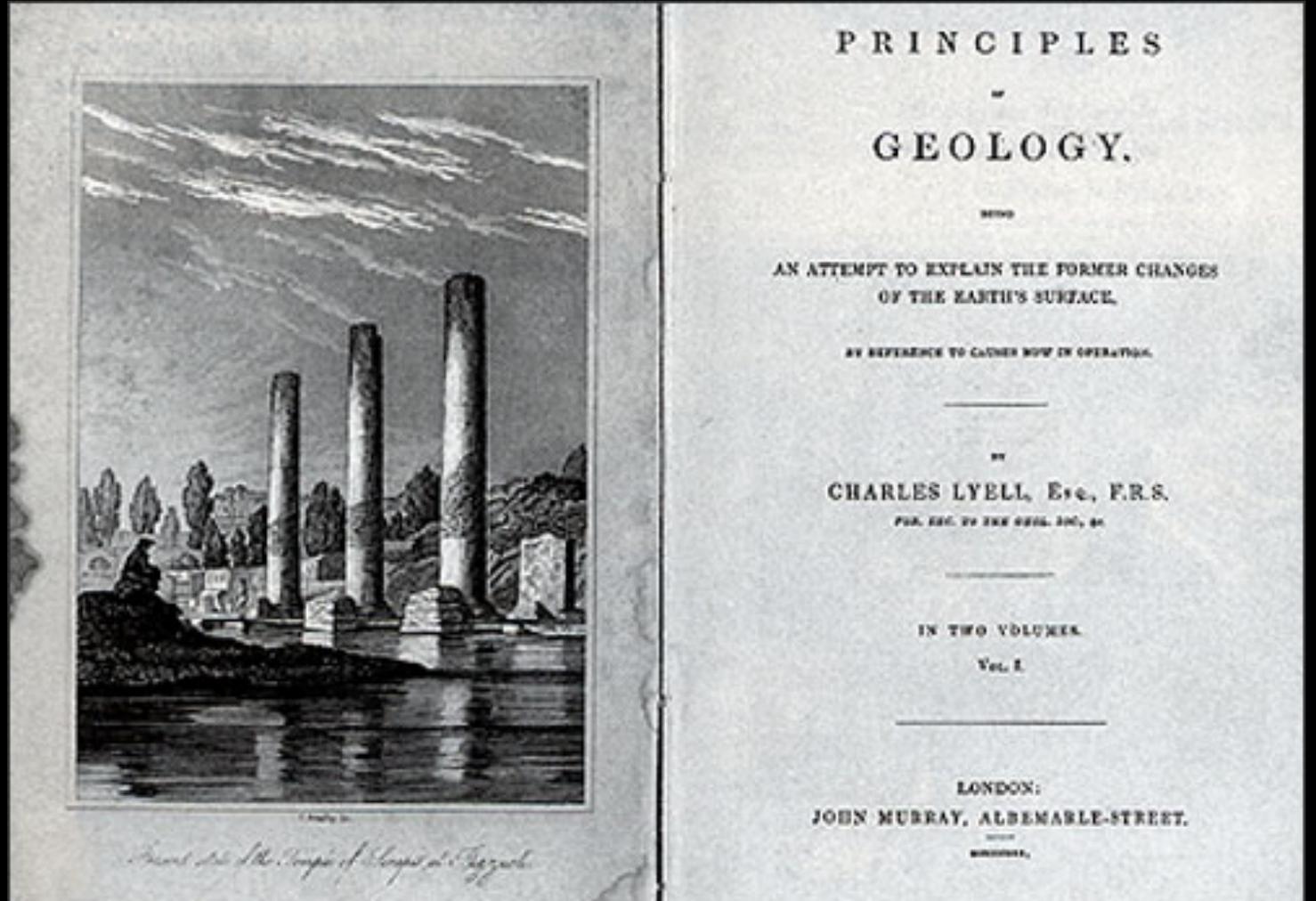


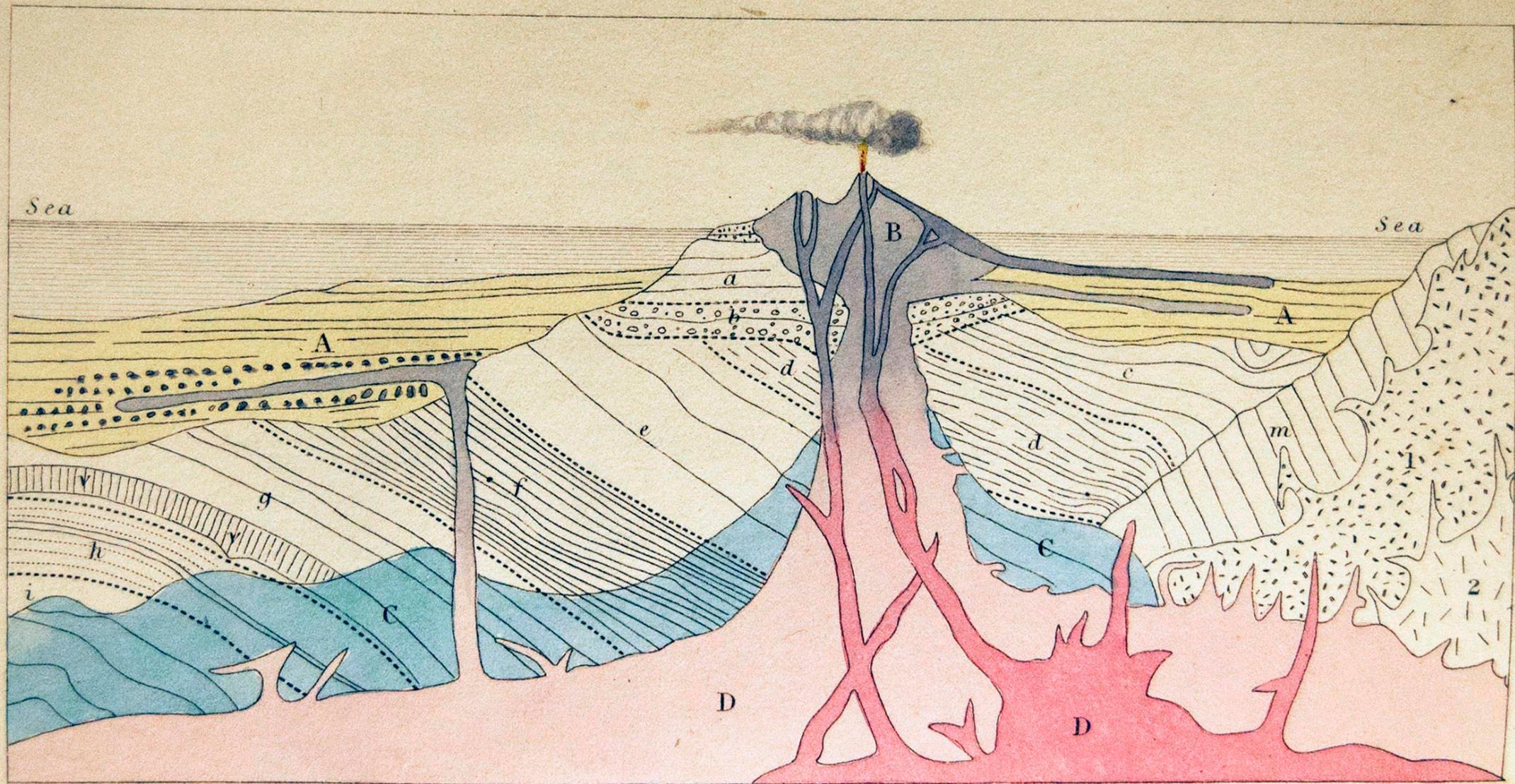




Charles Lyell
(1797-1875)

Charles Darwin read, and was much influenced by, Lyell's *Principles of Geology* (1830) while aboard HMS *Beagle*. This frontispiece image illustrates the main point of the book: that evidence of the forces of geological change that have been shaping Earth for millennia is observable today. The temple columns, with their high-water marks and evidence of marine encrustation, showed that the sea levels had changed several times, and so gradually that the monument was undisturbed.





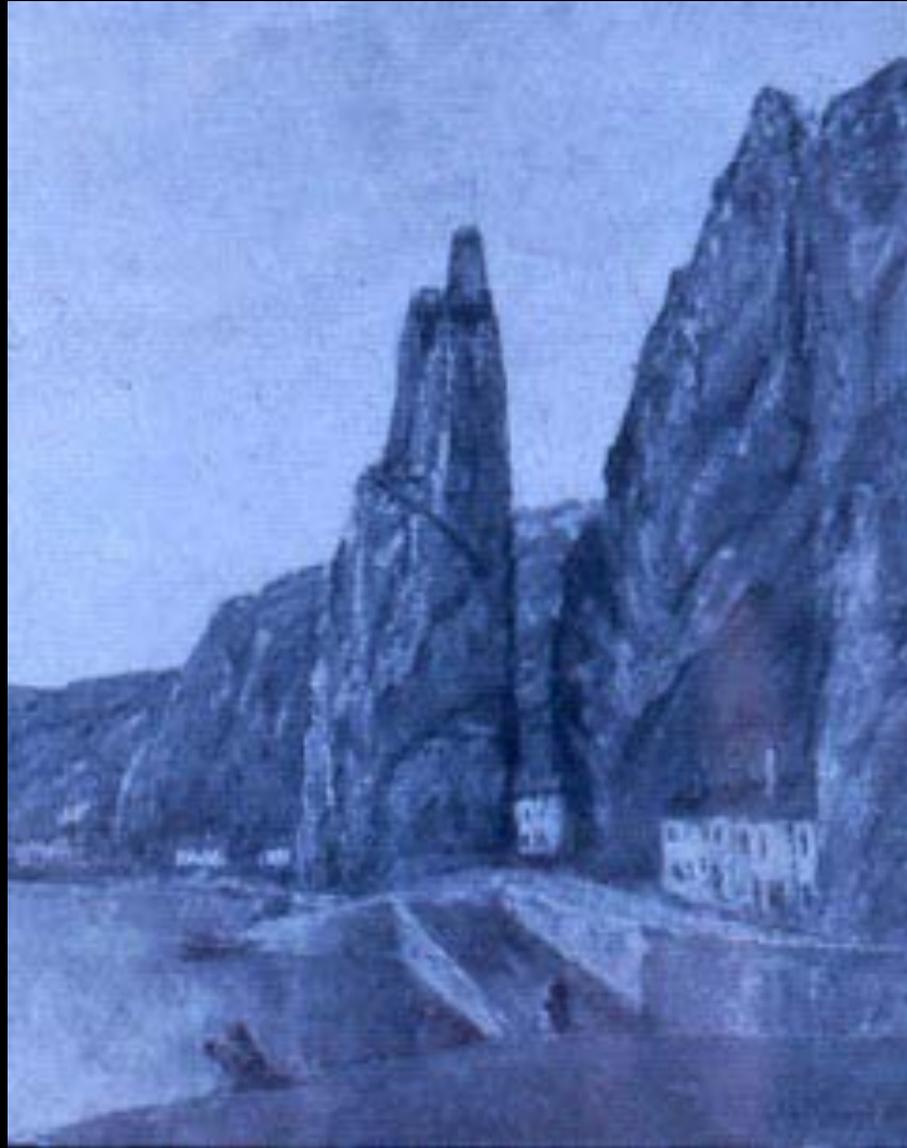
IDEAL SECTION of part of the Earth's crust explaining the theory of the contemporaneous origin of the four great classes of rocks.— see Chap. I.

A Aqueous	B Volcanic	C Metamorphic <i>(Gneiss, mica-schist, &c.)</i>	D Plutonic <i>(Granite, &c.)</i>
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All the rocks older than A.B.C.D are left uncoloured.



William Dyce, Pegwell Bay: A Recollection of October 5, 1858



Gustave Courbet, *Roche de Bayard*, 1855



Barend Cornelis Koekkoek, Roche de Bayard, 1835

Just listen. This woman also talks, as you'll soon hear. But she doesn't merely repeat the words she has heard in captivity. Her talk has an exceptional significance. By a combination of physico-chemical processes, of which I shall spare you the details, this genius Helius has succeeded in awakening in her not only her own individual memory but the memory of the species. Under electrical impulse her recollections go back to an extremely distant line of ancestors: atavistic memories reviving a past several thousands of years old. (241)



Ernst Haeckel
[1834-1919]

Recapitulation
Theory or
Biogenetic Law

Ontogeny follows
Phylogeny

1866

Drawings of Vertebrate Embryos (1874) by Ernst Haeckel [1834-1919]

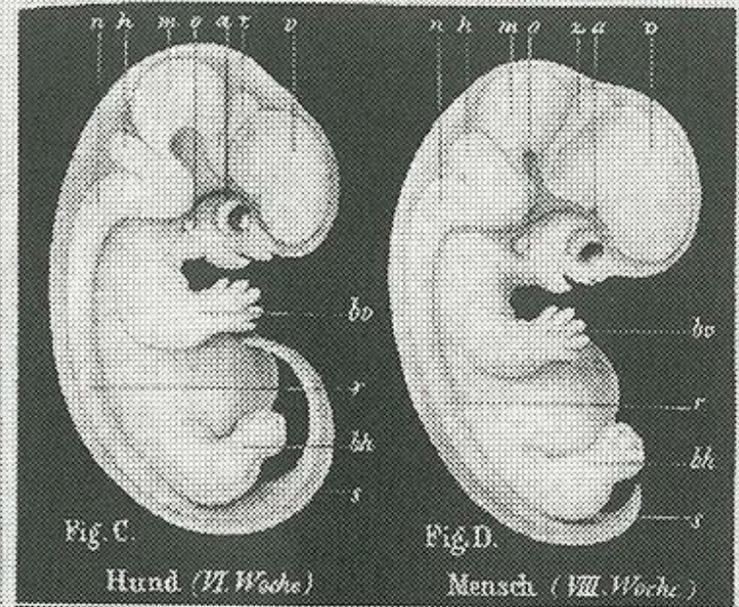
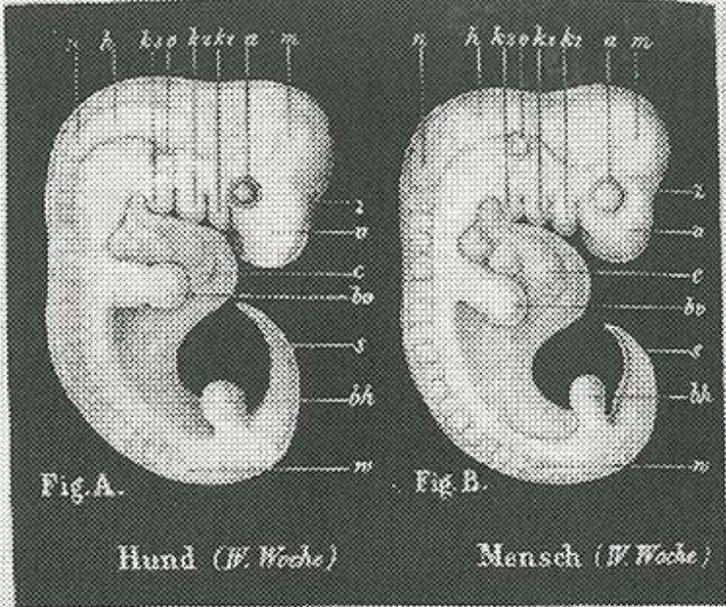
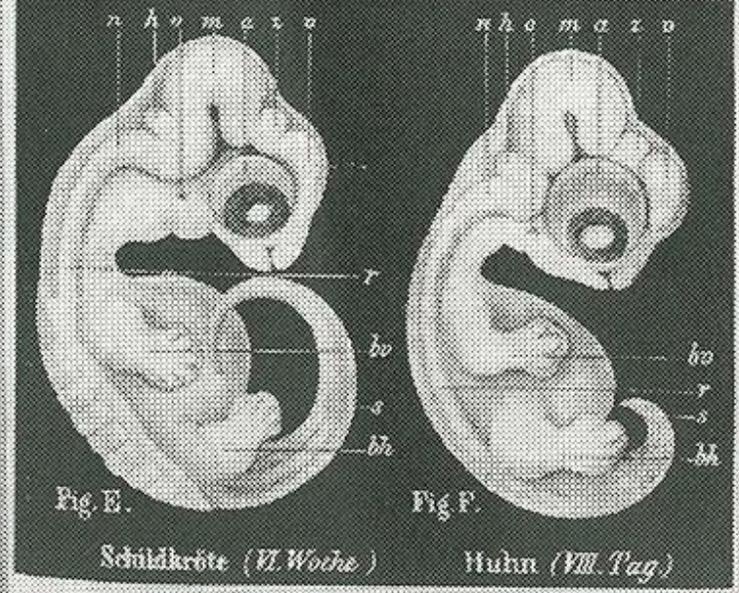


Fig. A. Keim des Hundes, 5'' lang (aus der vierten Woche). Fig. B. Keim des Menschen, 5'' lang (aus der vierten Woche). Fig. C. Keim des Hundes, 8½'' lang (aus der sechsten Woche). Fig. D. Keim des Menschen, 8½'' lang (aus der achten Woche). Fig. E. Keim der Schildkröte, 7'' lang (aus der sechsten Woche). Fig. F. Keim des Huhns, 7'' lang (acht Tage alt). Fig. A und B sind 5mal, Fig. C—F 4mal vergrössert. Die Buchstaben haben in allen sechs Figuren dieselbe Bedeutung: r Vorderhirn, z Zwischenhirn, m Mittelhirn, k Hinterhirn, a Nachhirn, v Rückenmark, a Auge, e Ohr, k1, k2, k3 erster, zweiter und dritter Kiemenbogen, a Wirbel, c Herz, bo Vorderbein, bh Hinterbein, s Schwanz.



Dog and human embryos, looking almost identical at 4 weeks then differing at 6 weeks. Lower right corner shows a 6-week turtle embryo and 8-day hen embryo. Ernst Haeckel (1868)

How are the 'apes' divided? What is their taxonomy? Why does this taxonomy exist?

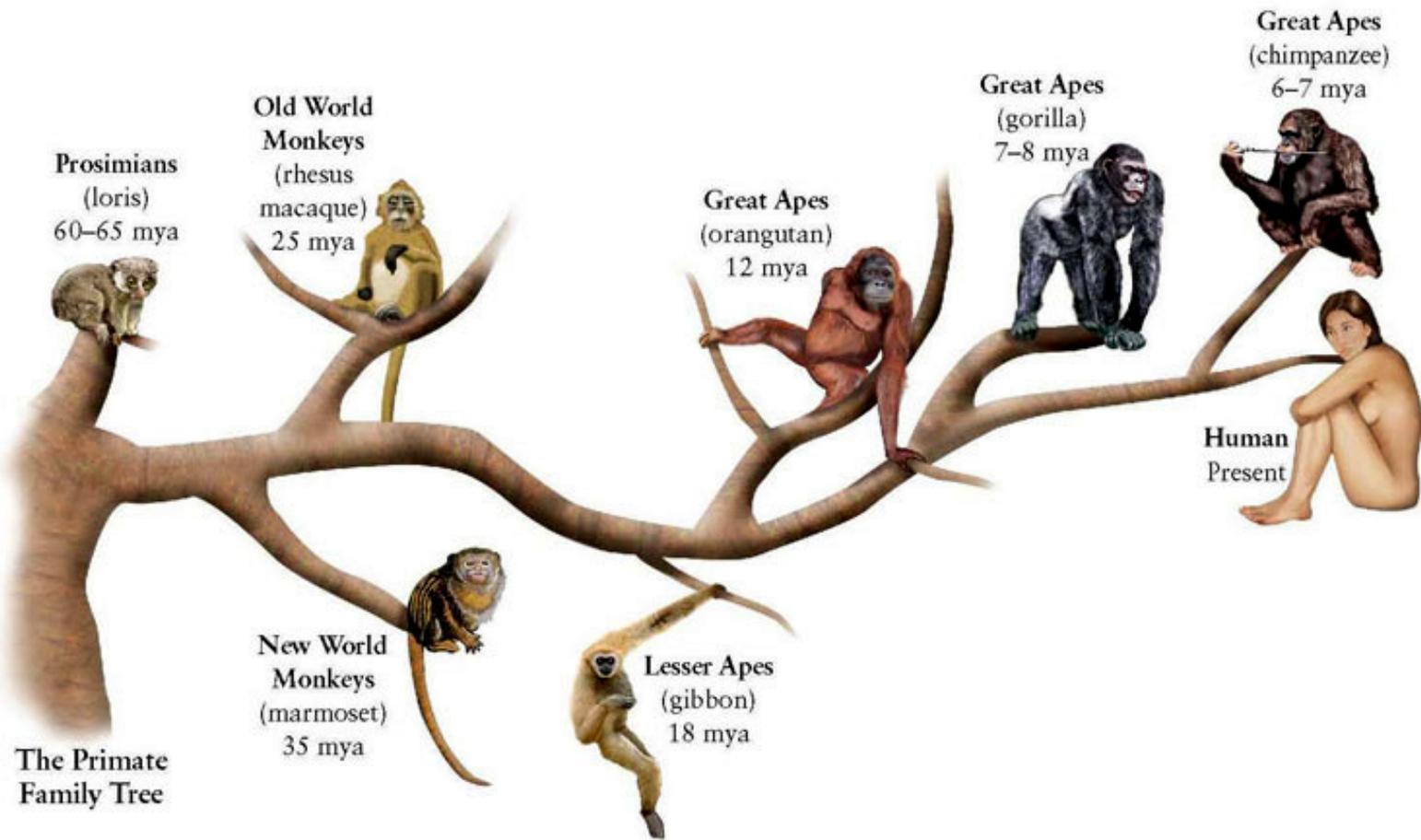


Orangutans

Chimpanzees

Gorillas





What is the role of language in the novel – as used
by various creatures and species?





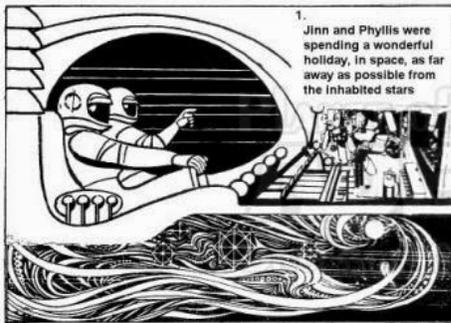
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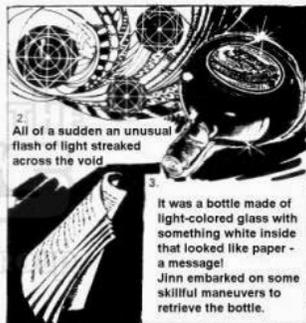
How does the novel conclude?...In the penultimate
chapter and final chapter?
What do we learn about Jinn and Phyllis?

MONKEY PLANET

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Based on the Novel by PIERRE BOULLE



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Ulysse Merou: My Story

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English Adaptation by Neil T. Foster



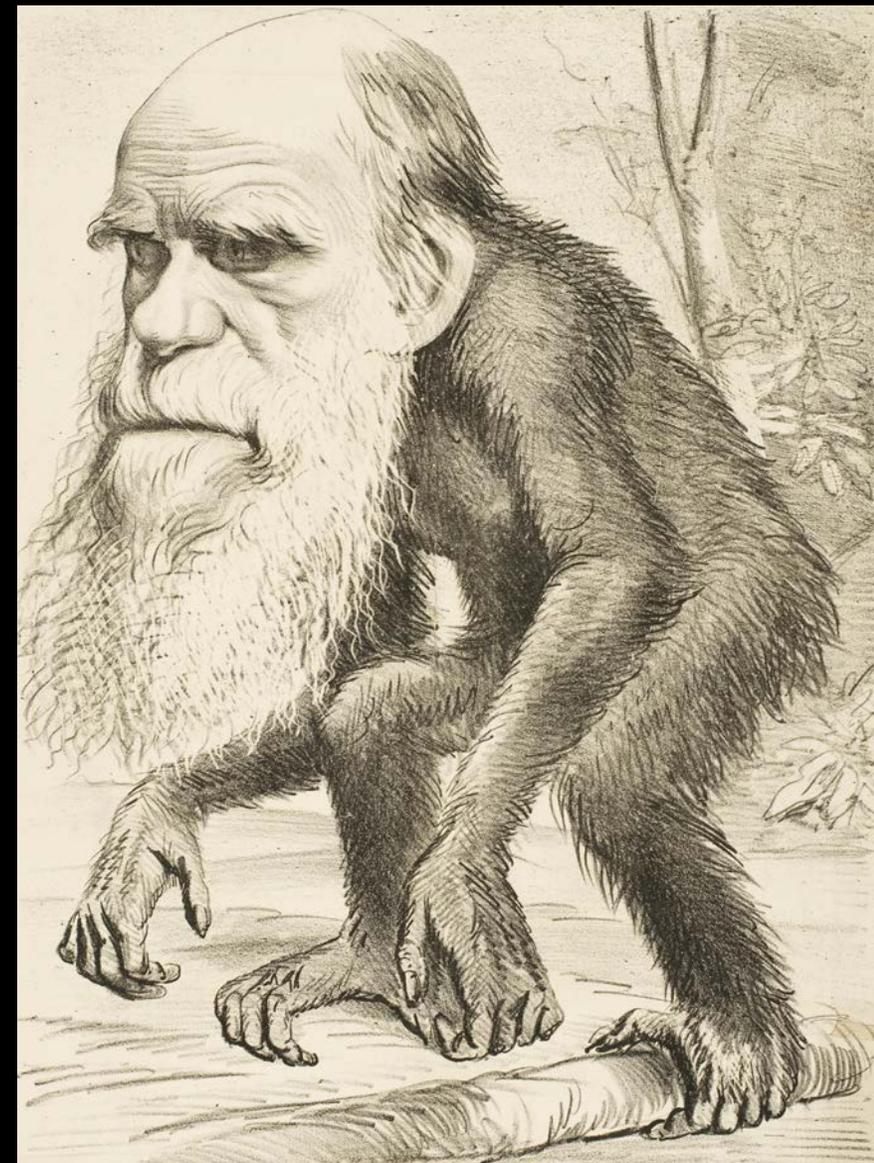
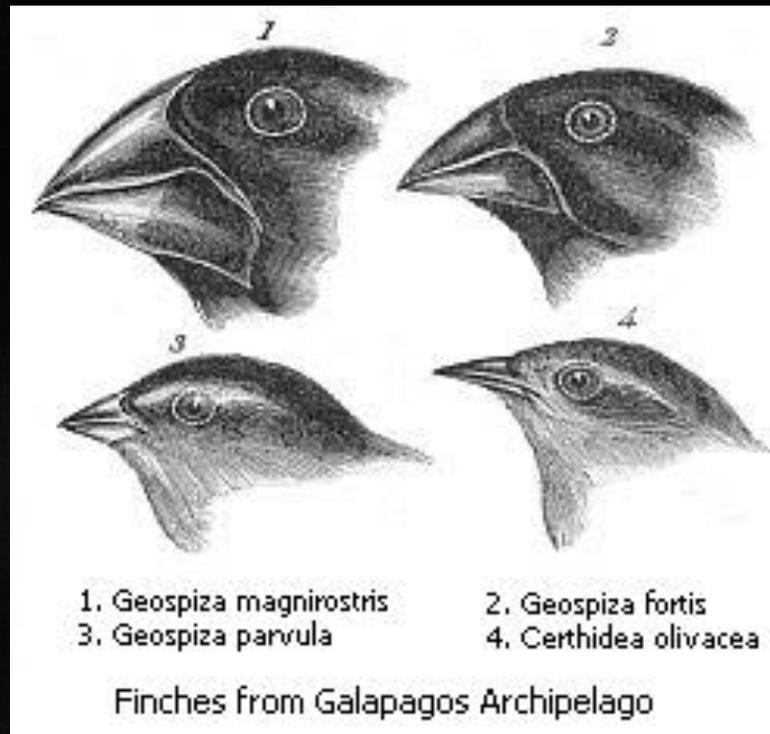
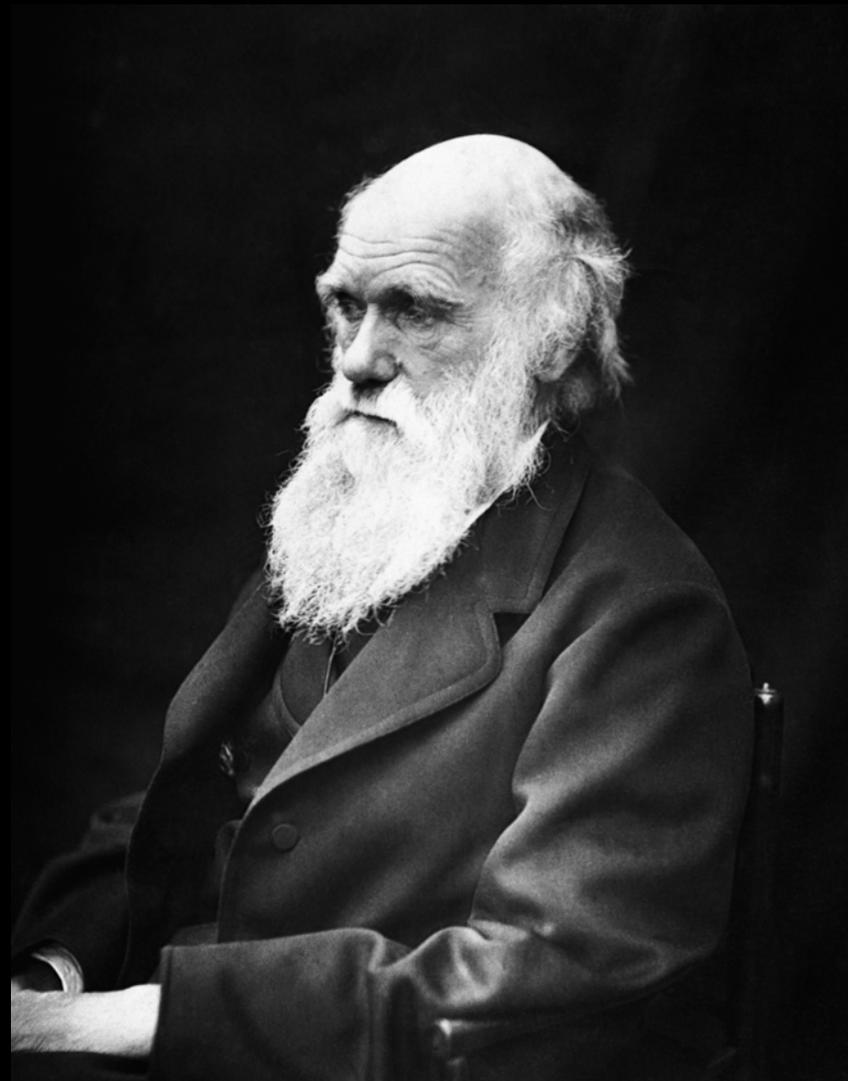
173.
Jinn kieresztette a szárnyfelületet, s a há-

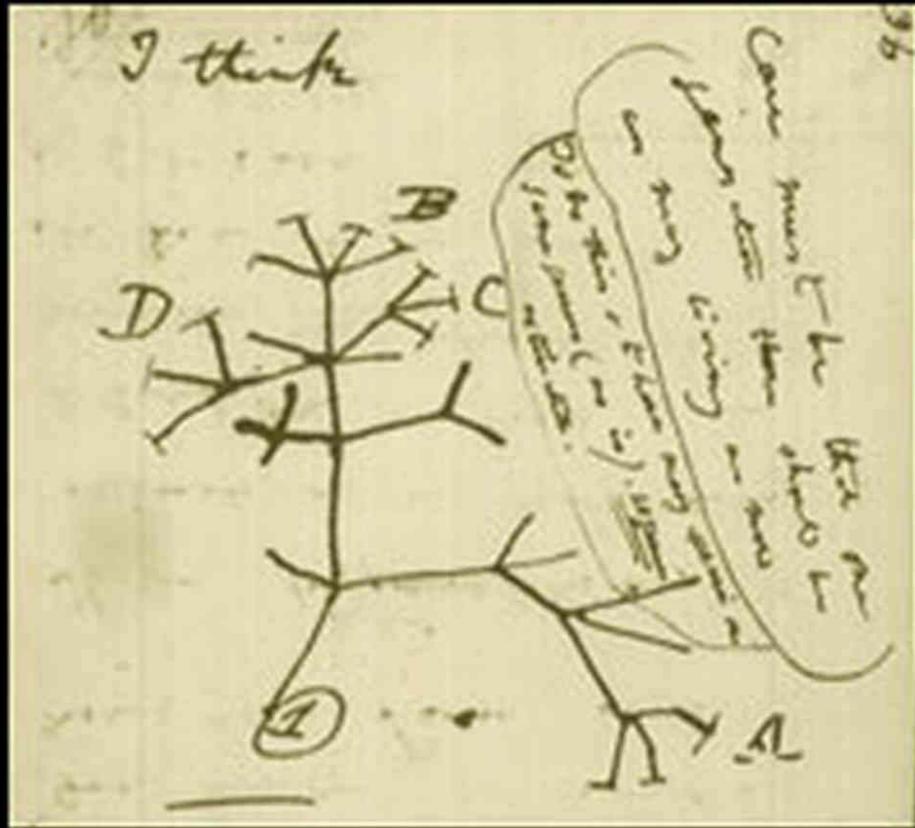
Does this book and the subsequent film franchises and TV shows based on it constitute a type of “Pop evolution”?

Does the book use or abuse science in its popularization of evolution?

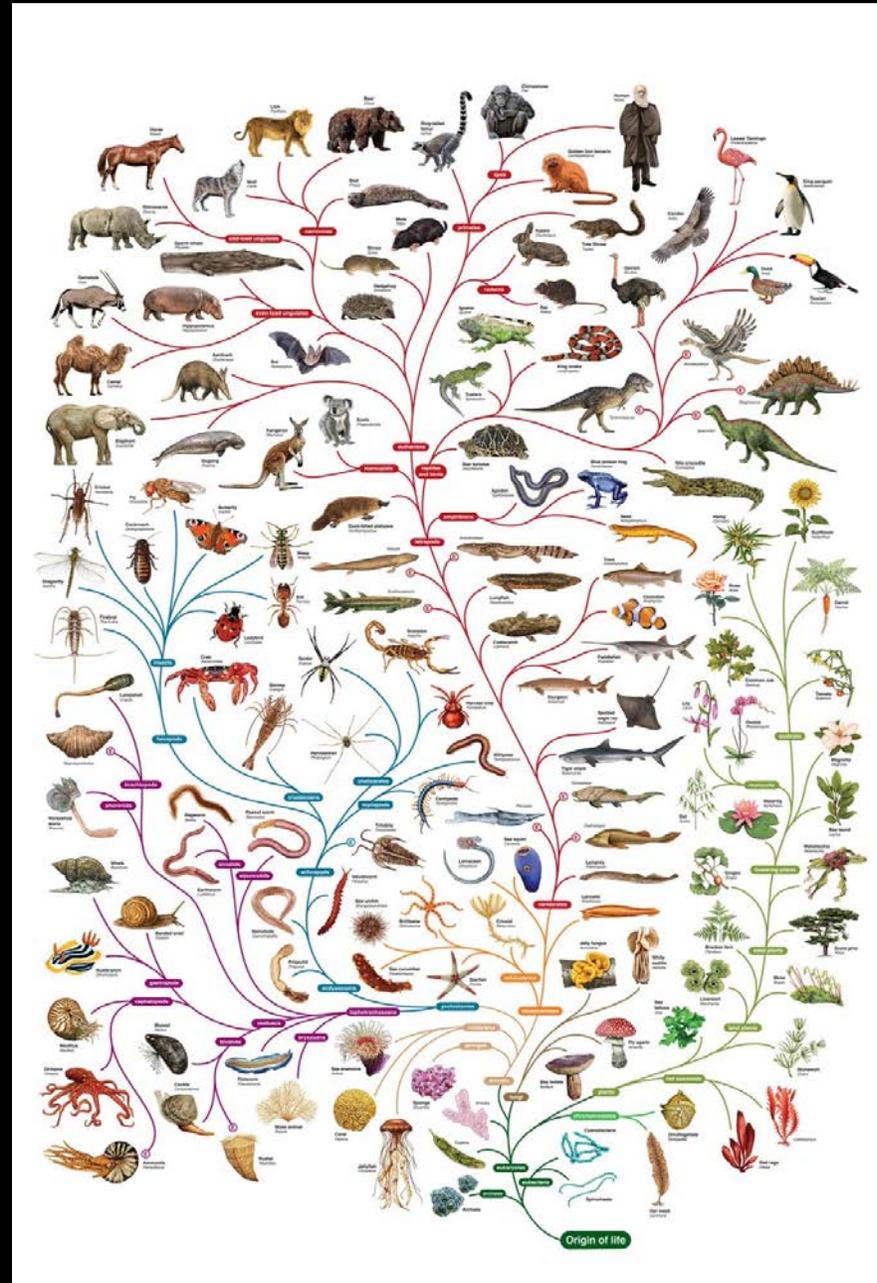
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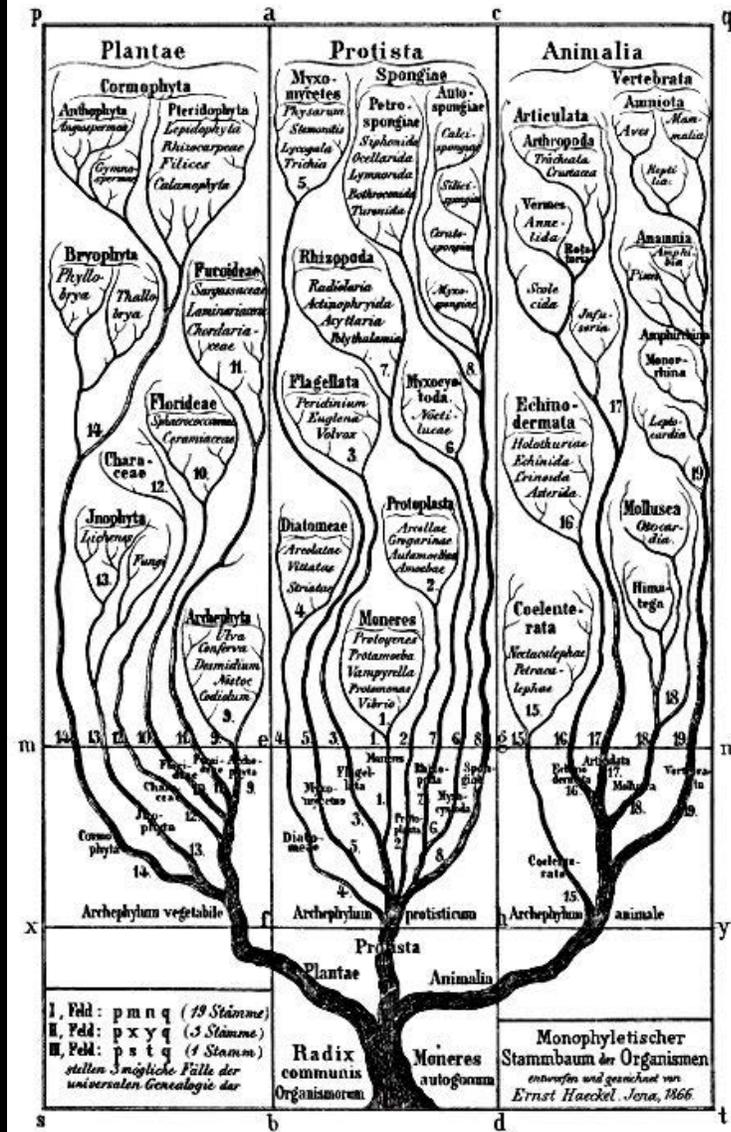
Charles Darwin [1809-1882]





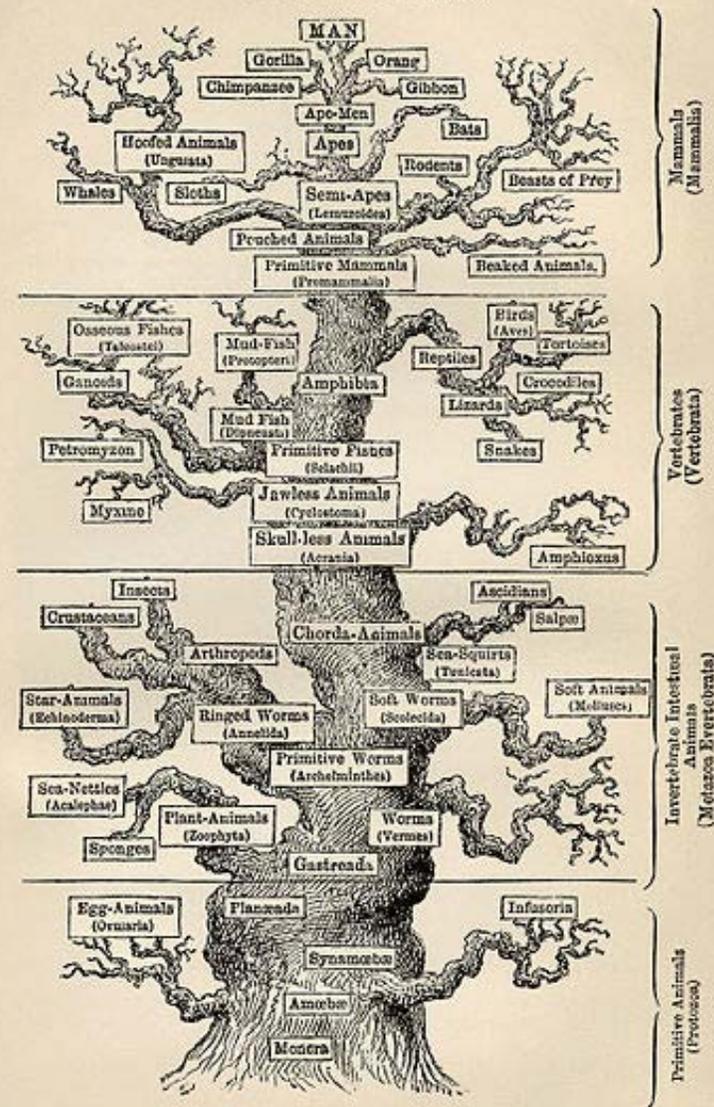
Charles Darwin, Tree of Life, 1837





Ernst Haeckel's Monophyletic tree of organisms, 1866. Biologists at the time identified three major groups of species: animals, plants and *protista*; primitive, mostly unicellular, organisms. Modern biologists also classify all life into three groups, but now animals and plants are considered to belong to the same phyla, with two different types of bacteria making up the other two groups.

PEDIGREE OF MAN.



Tree of Life by Ernst Haeckel in *The Evolution of Man* (1879) illustrates the 19th-century view that evolution was a progressive process leading towards man.

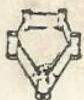


How are we to understand themes of colonialization and post-colonialism between Boule's novel and its adaptation into a film?

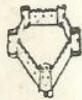
PIERRE BOULLE

William Conrad

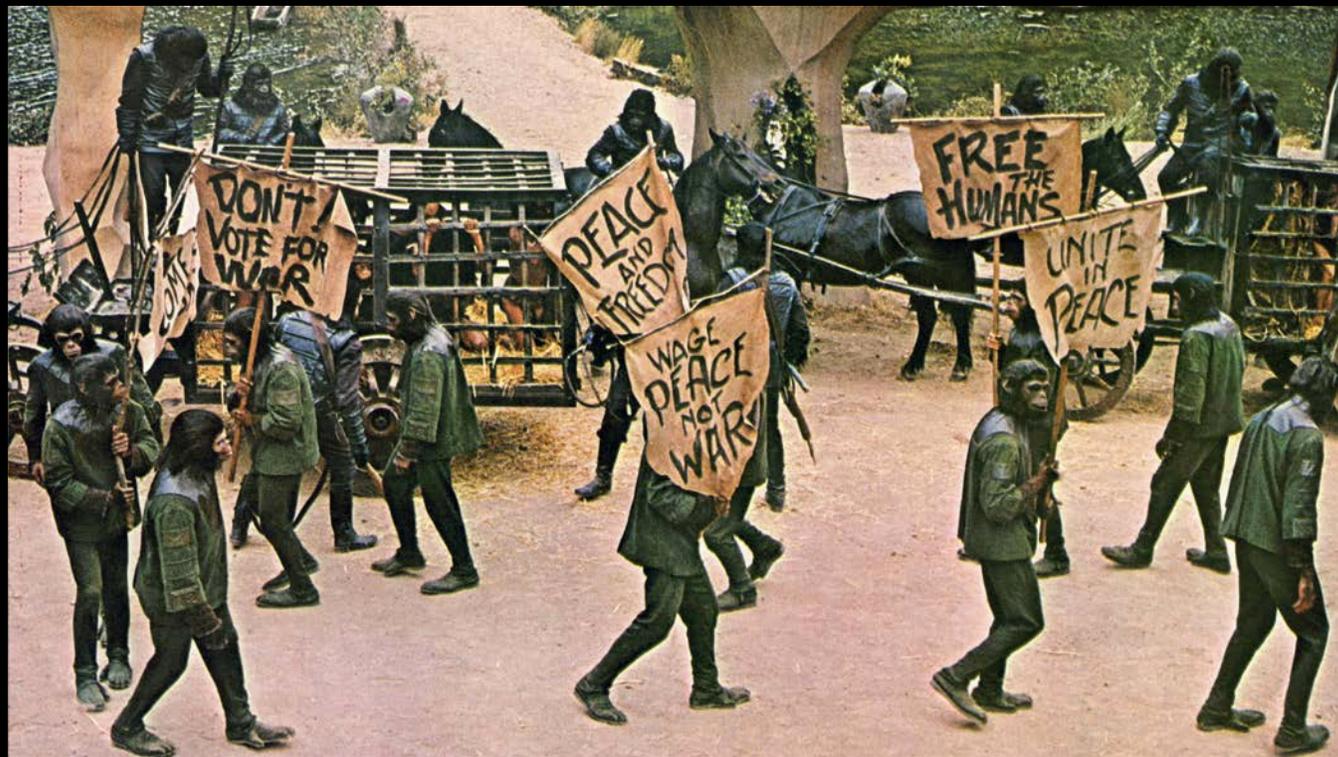
Por el autor de
«El puente sobre el río Kwai»
«EL PUENTE SOBRE EL RIO KWAI»



ES UN LIBRO PLAZA
Novela completa. Edición íntegra



www.todocoleccion.net



What are some of the overarching messages
of this book?

- *Beneath the Planet of the Apes* (1970) <https://www.youtube.com/watch?v=peHEOgiQgnI>
- *Beneath the Planet of the Apes* (1970) <https://www.youtube.com/watch?v=Fcl9ULWX8zY>
- *Escape from the Planet of the Apes* trailer (1971) <https://www.youtube.com/watch?v=EjtC2Ns3OA4>
- *Conquest of the Planet of the Apes* (1972) https://www.youtube.com/watch?v=XViQa_lxzEo
- *Battle for the Planet of the Apes* trailer (1973) <https://www.youtube.com/watch?v=1zzrfXI27yE>
- TV Show from 1974: <https://www.youtube.com/watch?v=Q-wClmOruQI>
- Animated TV Show from 1975 https://www.youtube.com/watch?v=ouH_BDwk6LY
- *Planet of the Apes* (2001)
- *Rise of the Planet of the Apes* (2011)
- *Dawn of the Planet of the Apes* (2014)
- *War for the Planet of the Apes* (2017)

