

The Time Machine

(Summer 2023)

History Club Magazine

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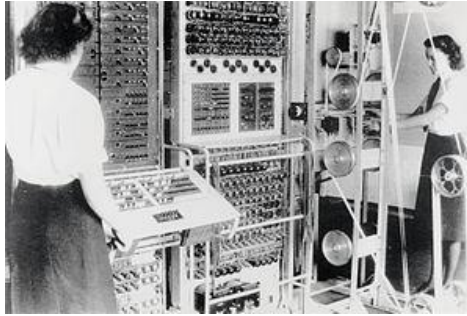
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The History of Computers



The first known programmable computer was Colossus and it was developed during the Second World war to help the Allies break German codes. The ENIAC was the first to be invented in the United States and was much more efficient.

Alan Turning

Alan Turning was an English mathematician, computer science, logician, cryptanalyst, philosopher and theoretical biologist; he was famous for multiple things like a test for artificial intelligence, the basis for the first computer and he invented the Enigma machine (which is a cipher device). Alan Turing had an IQ of 185 even though he was a typical a teenager.



The microprocessor

Marcian“Ted” Hoff is the best known architect of the microprocessor. Microprocessors were so amazing because they were able to “shrink” the size of the components needed to create a computing device.

Computers have changed massively, from being room filling to less than a foot big! The fastest modern machine is the United State’s “Frontier” super computer, which can handle trillions of operations per second.



By Eleanor

Alfred Wallace

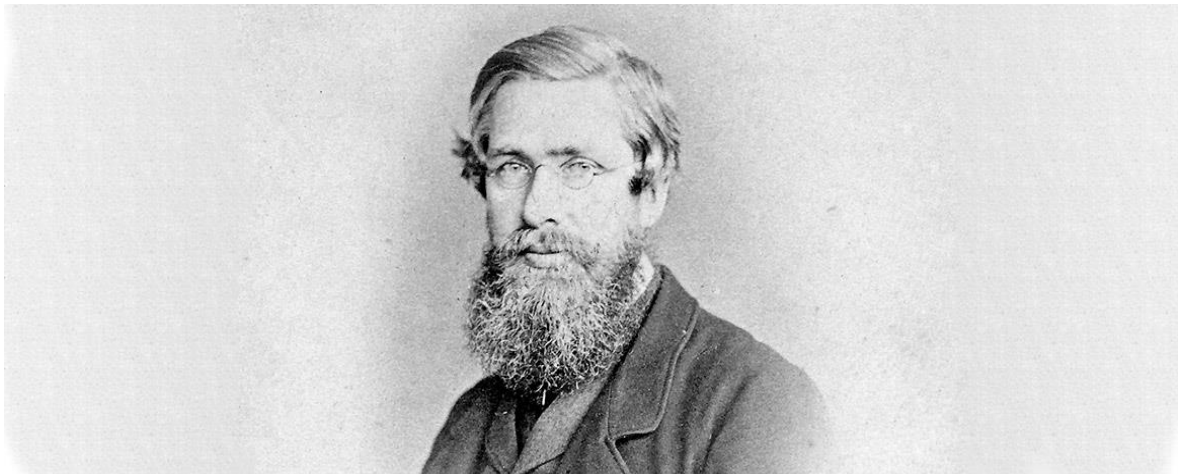
Alfred Russel Wallace was born in 1823 on the 8th January. In his life time he had discovered evolution – even though Charles Darwin took all the fame and credit for it. They both ended up at the same conclusion in the end; that every living organism changes over time.

Early Life

Being the eighth child out of nine Alfred was born to Thomas Vere Wallace and Mary Anne Greenel. He grew up in rural Wales then in Hertford, Hertfordshire, England where he went to school at the one-room Hertford grammar school. His first job was surveying before later being a teacher in Leicester in 1844.

His Theory

Alfred was an explorer, naturalist, collector, geographer, anthropologist and political commentator. He was a great admirer of Charles Darwin and eventually was able to work with him. After producing many scientific journals together, Charles Darwin was then prompted to publish the Origin of Species the next year.



The History of Christmas music

Christmas songs

Christmas songs are an extremely popular genre due to them being listened to nearly every day of the month of December. Most singers have performed a Christmas song in their careers.

The most famous Christmas songs mostly originate from the 20th Century. Band Aid's song "Do they know it's Christmas" hit top of the charts in 1984 and sold 3.82 million copies making it the only Xmas hit to ever get more than 3 million copies. Last Christmas was written around the same time as Do They Know Is Christmas, causing them to both give their donation towards the same Ethiopian famine appeal.

The History of Christmas Songs

Christmas songs are thought to have had their origins in 4th century Rome in Latin language hymns. The tradition of popular Christmas songs in regional native languages developed in the 13th Century under the influence of Francis of Assisi. Christmas carols were actually pre-Christian / pagan songs that were sung at Winter Solstice celebrations as people danced round stone circles. Being the shortest day of the year, the Winter Solstice takes place on the on the 22nd of December. The word carol actually meaning dance or a song of praise and joy! Joy to the World is one of the oldest English language Christmas hymn originating in the 1700s.

Best selling Christmas songs of all time

Bing Crosby	White Christmas (1942)	50 million
Bing Crosby	Silent Night (1935)	30 million
Mariah Carey	All I Want For Christmas Is You (1994)	16 million
Gene Autry	Rudolph The Red-Nosed Reindeer (1949)	12 million
Band Aid	Do They Know It's Christmas Time (1984)	11.7 million
Bing Crosby and The Andrews Sisters	Jingle Bells (1943)	6 million
Harry Simeone Chorale	The Little Drummer Boy (1958)	6 million
Wham!	Last Christmas (1984)	5.8 million
Tino Rossi	Petit Papa Noel (1946)	5.7 million
The Chipmunks and David Seville	The Chipmunk Song (Christmas Don't Be Late) (1958)	5 million

HISTORY OF CRYSTALS

The use of crystals first came about 4 millennia BC. The word crystal comes from the Greek *krystallos* meaning coldness drawn together. There are roughly 200 different types of gems and crystals.

Rose quartz

The use of rose quartz is said to date back as far as 7000 BC. Egyptian and Roman women used rose quartz face masks to clear their complexions and prevent wrinkles. Rose quartz often occurs in enormous masses that are inches to feet long.



Taaffeite

Taaffeite is considered to be the rarest crystal in the world because there are only 50 known samples of this rare gemstone. It is said to be a million times rarer than diamonds. It was recently discovered 1945 in Sri Lanka.



Amethyst

Amethyst jewellery has been found and dated back to 2000BC. That means that it was first used as jewellery by prehistoric people. In ancient times, (3000 BCE) wealthy people were said to have had drinking glasses or goblets made from Amethyst.



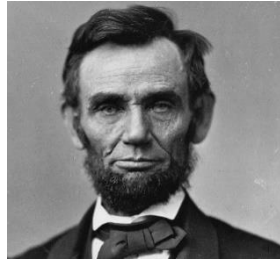
Pyrite (fool's gold)

The first pyrite was discovered by Dr Johnathan in 1432. The name pyrite derives from the Greek word *pyr*, - fire – because when it is struck with steel, sparks fly from it. In medieval times, pyrite was used in flint locks for the first firearms and was later replaced a harder flint.

By Eleanor S

Abraham Lincoln

Abraham Lincoln was one of the most famous presidents in the history of the United States of America.



Abraham Lincoln was born on the 12th of February 1809 near Kentucky. At the age of nineteen Abraham moved to Illinois. He worked in a general store for several years before trading his stake in the business and enrolling himself as a military captain, protecting Illinois in the Black Hawk War in 1832.

After the War, Lincoln studied law and campaigned for a position on the Illinois State Legislature. Even though he was not elected on his first attempt, he won a position in 1834 as a Whig politician.

In 1840 Lincoln met Mary Todd in Springfield, Illinois and then in 1842 he married her.

With Abraham being president, he helped many people especially during the civil war.

After years of being the 16th President of the United States, he caused controversy with many southerners due to his anti-slavery stance. Abraham was also famous for building the Republican Party into a strong national organization.

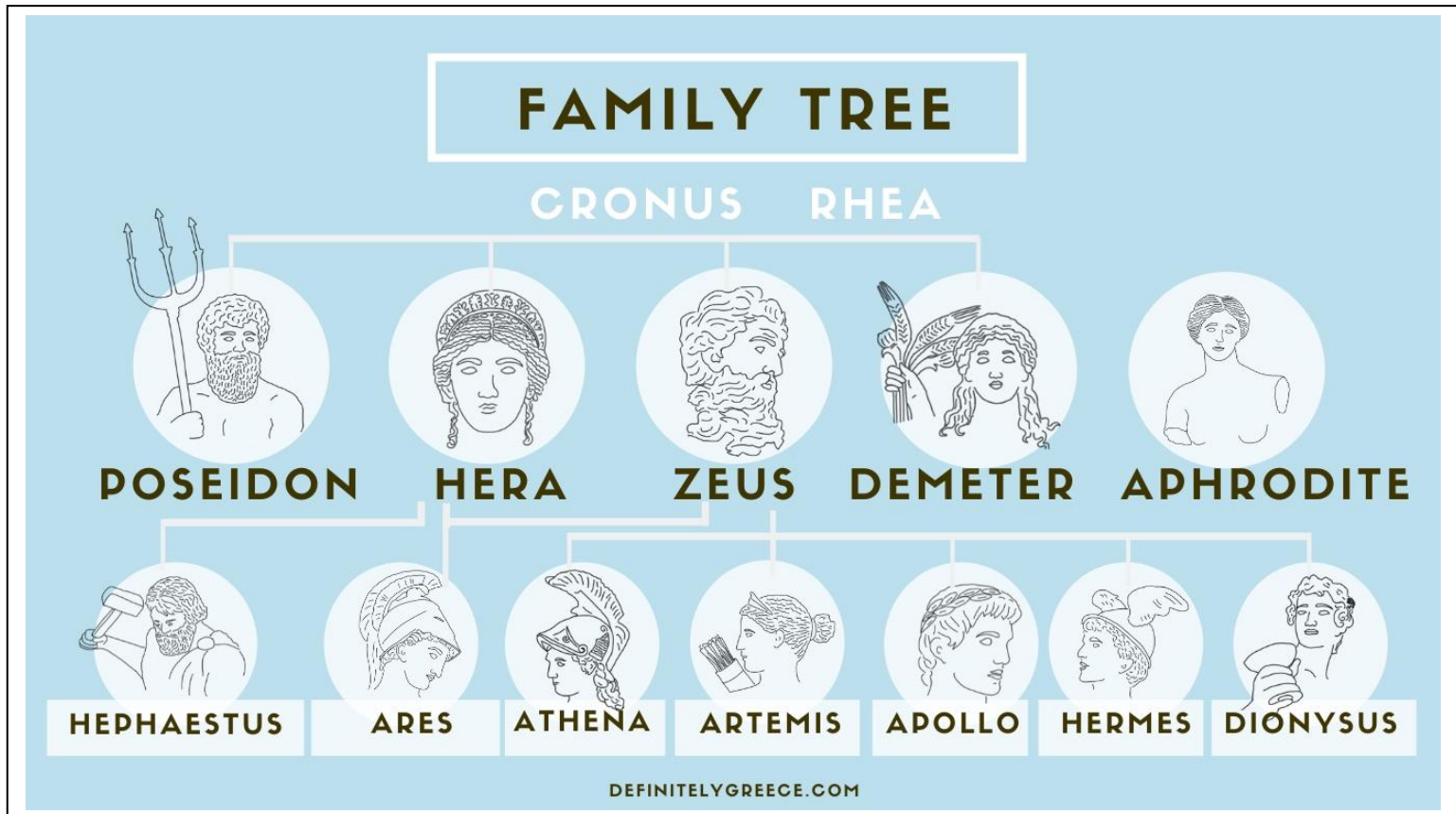
By the time Lincoln had commenced his presidency in 1861, seven southern states had already formed the Confederate States of America.

On April 14th 1865 Abraham went to a play with his family when half way through the show he was shot and died; many people mourned for him.

Fun fact: Abraham Lincoln survived five failed assassination attempts!

Greek Gods by Evie F

The Greeks believed in many gods, the most important one being Zeus. According to legend, he was married to Hera (goddess of marriage).



Poseidon
god of
the sea

Hera
the goddess
of marriage
and Zeus's
wife.

Zeus
The king of the
gods and the god
of the sky.

Demeter
goddess
of
farming

Aphrodite
goddess
of love

Hephaestus
god of fire

Aries
the god
of war.

Athena
a warrior
and
goddess
of
wisdom

Artemis
goddess of
the hunt

Apollo
god of
poetry
and the
sun

Hermes
the
messenger
god

Dionysus
god of
wine

How did the ancient Greeks worship?

The Ancient Greeks believed that they had to **pray to the gods for help and protection**, because if the gods were unhappy with someone, then they would punish them. They made special places in their homes and temples where they could pray to statues of the gods and leave presents for them.

The History of Lego



When did Lego first appear?

Lego was launched in 1958. It's estimated that in the space of 73 years 19,157 sets of Lego have been produced.

Who created it?

Ole Kirk Kristiansen. He was born in 1891 and lived for 66 years before he died of a heart attack in 1995. He was also a Danish carpenter.

Who owns Lego now?

Ole Kirk Kristiansen's grandson Kjeld Kirk Kristiansen currently owns Lego.

What's the biggest Lego Set?

The coliseum Lego set is the biggest Lego set of 2022.

What does Lego stand for?

Lego stands for play well, which Ole Kirk Kristiansen named. In 1934 there was a competition to decide the name.



When was Lego not popular?

During the 2021 pandemic but there was a fire on the 20th of March 1942 destroying plans, materials, tools, models and products, and destroying Ole Kirk Kristiansen's life's work in just one night. After that it took lots of motivation to start back up the company.



Who are the most expensive minifigures?

Golden C3PO, Cloud City Boba Fett and a Resistance fighter pilot.

How rich is Lego?

The company's average wealth is 2 billion pounds (converted from Danish Krone).

What is the least expensive Lego set?

Is a set that includes a man, a dog and a pig and a fruit stall.

What is the hardest Lego set to build?

The Titanic.



Quiz:

Who created Lego?

When was Lego launched?



What is your favourite Lego set?

What happened on the 20th of March 1942?



What is the biggest Lego set of 2022?

By Evie

History of Anne Boleyn

Most people might have heard Anne Boleyn; she was most famous as the second wife of Henry VIII and the mother of Elizabeth I.

Anne had a sister called Mary and a brother called George (George was a pretty common name, some say Henry actually loved Mary instead of Anne). Growing up, Anne's father Sir Thomas Boleyn was a well admired courtier and her mother Elizabeth Howard was a child of the Second Duke of Norfolk, one of the most powerful men in the country.

In 1513, Anne's father sent her to the court Margaret of Austria and after that he sent her to the French court. Anne stayed in France for 7 years in the household of Queen Claude, who became the wife of the new King Francis I.

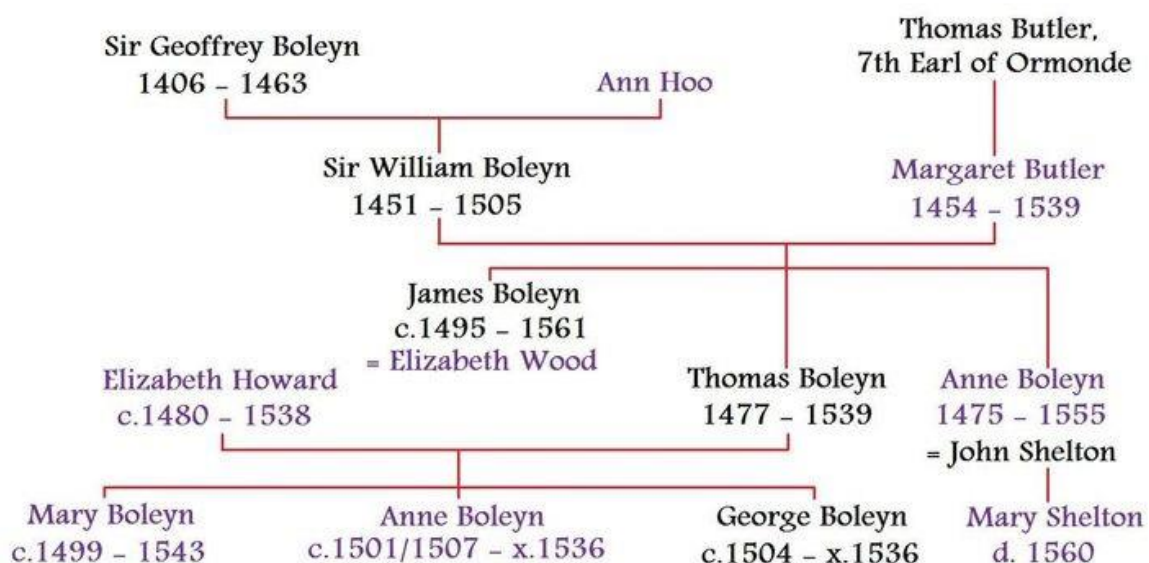
In 1522 Anne returned from France; meanwhile Anne's married sister, Mary, had become one of Henry's mistress and people believed that she was a mistresses until 1525. Henry encountered Anne in March when she had took one of the lead roles in 'Perseverance', a court masque at Thomas Wolsey's house in Whitehall.



Eventually, in January 1533 after seven years of their courtship, they were married and then on the 7th September 1533 Anne gave birth to a healthy baby girl and decided to name them Elizabeth. After Elizabeth's birth, Anne did not give birth to any more children because she had miscarriages.



In 1536, Anne was accused of treason by her ex ally Thomas Cromwell; she sent to the Tower of London [which was a prison at that time] to be executed by a French swordsman. Finally, on the 19th May, Anne Boleyn was executed and died.



Boleyn family tree

The History of Musicals

How did musicals start?

Historians believe that musicals started 2,500 years ago in ancient Greece. They staged comedies and tragedies which included songs and dance in an open air amphitheatre.



Greek amphitheatre

Fun facts

Broadway is known as the 'Great White Way'.

The world's longest running musical is 'Phantom of the Opera'

18th century

From the 18th Century the most popular type of musicals in Britain were ballad operas. Ballad operas are operas that have spoken dialogue. They include farcical plots, light-hearted music and folk songs.

19th century

There were lots of popular musicals in the 19th Century such as: *Chris and the Wonderful Lamp*, *Little Red Riding Hood*, *The Belle of New York* and many more. In the 19th Century they introduced melodrama which is a sensational dramatic piece with exaggerated characters and exciting events intended to appeal the emotions.

20th century

The 20th century marks the beginning of what came to be called 'realism'. This idea is reflected in plays, the acting and the production values. In the 1920s, song and dance performers became even more popular, and some of the most famous composers created shows during this time period. Broadway entered its golden age after the great depression in the 1940s. Did you know that *Singin' in the Rain* (1952) was perhaps the most famous musical in the 20th century?

Modern times

By the 21st Century musicals have increased massively in popularity and generate huge sums of money. Tickets in the West End of London can cost hundreds of pounds! Did you know that London has 195 theatres across the city? *The Lion King* the musical is the most watched musical with a gross of £ 8.2 billion.

The top five musicals as of 2022 were:

1. *The Lion King*
2. *Wicked*
3. *Phantom of the opera*
4. *The book of Mormon*
5. *Mamma Mia*



MANSA MUSA

THE RICHEST MAN WHO EVER LIVED? By Jazmin B



Mansa Musa is known to be the wealthiest man who ever lived. He was born in the 13th century and was the ninth Mansa of the Mali Empire. He reigned 1312 C.E-1337 C.E (25 years).

EARLY REIGN

Musa became a ruler during his early twenties and was already wealthy due to living in a rich country. But how did he exactly become even wealthier?

HOW HE BECAME SO RICH

His work in expanding trade made Mali the richest kingdom in Africa. The riches that he owned came from mining significant salts and gold deposits from his kingdom. Also, he expanded this kingdom massively around the same time. His wealth is described as unimaginable but in today's money, it is estimated at about \$400 billion.

HIS FAMILY TREE

Back then, it was common to have multiple wives. Musa had four but not all of them are known. One of them, Inari Kunate, had a son called Maghan and that is about all we know about her. It is doubtless that Musa had a large number of children but only one of them (Maghan) is known about for certain. Maghan was also a great leader but although Mali was very wealthy, he did not become as rich as his father.

The History Of Superheroes by Harry-J

The History Of Iron Man

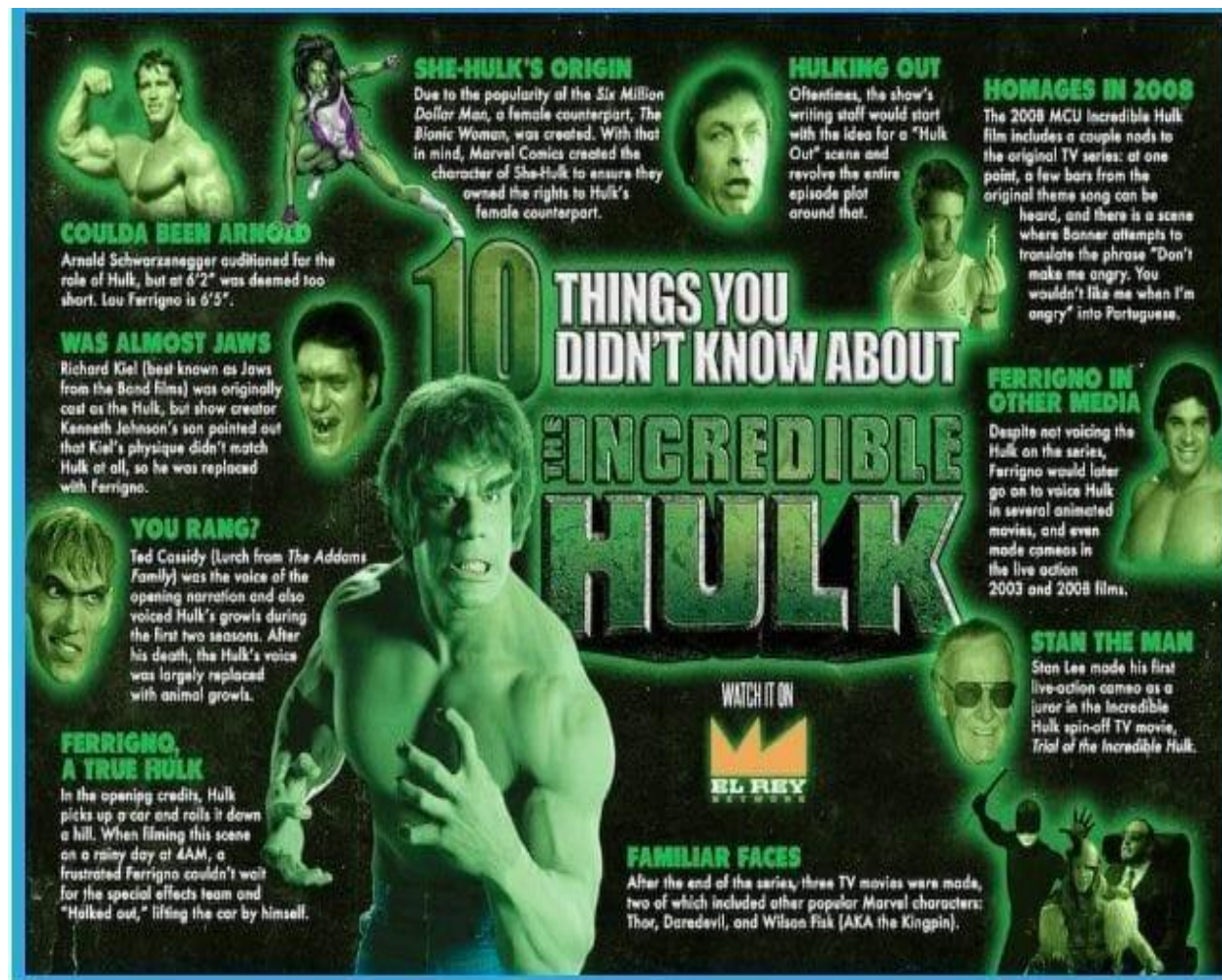
He first appeared in 1963 in **Tales of Suspense no. 39**. His creation is officially credited to four people: writer and editor Stan Lee, who plotted the first story; his brother Larry Lieber, who scripted it; artist Don Heck, who drew it; and Jack Kirby, who created Iron Man's original armored battle suit.



There are three different Iron Man films not including Avengers Infinity War and Avengers Endgame. The films are called Iron Man 1, Iron Man 2 and Iron Man 3 and research says that Iron Man 4 will be coming soon.

The History Of Hulk

The Incredible Hulk's alter ego is nuclear scientist Robert Bruce Banner, inventor of the gamma bomb, who absorbed a big quantity of gamma rays after risking his life to save a teenager. The Incredible Hulk embodies the darkest, angriest, and most antisocial aspects of Banner's personality.



Hulk's super strength ensures that normal weapons do not even penetrate his skin. He has even been known to withstand energy blasts. However, a special metal can hurt Hulk—ironically one that his most battled characters have it. Wolverine's Adamantium claws can cut the Hulk's tissue.

The History Of Spider-man:)

In Spider-Man's first story, in Marvel Comics' Amazing Fantasy, number 15 (1962), American teenager Peter Parker, a poor sickly orphan, is bitten by a radioactive spider.



Nicholas Hammond first starred as Peter Parker or better known as Spider-Man in the 1977 made-for-television film Spider-Man and would appear as the character two other times.

The history of Doctor Doom



The character was created by Stan Lee and Jack Kirby, and first appeared in The Fantastic Four, 5th July 1962. Doctor Doom is depicted as the monarch of the fictional nation of Latveria and serves as the archenemy of Reed Richards and the Fantastic Four.

The history of Carnage



Carnage was once a serial killer known as Cletus Kasady, and became Carnage after merging with the offspring of the alien symbiote called Venom during a prison breakout. The symbiote amplified his nature making him even less mentally stable than he had been previously, and therefore even more dangerous. He was created by David Michelinie and artist Mark Bagley.

The History of Supervillains

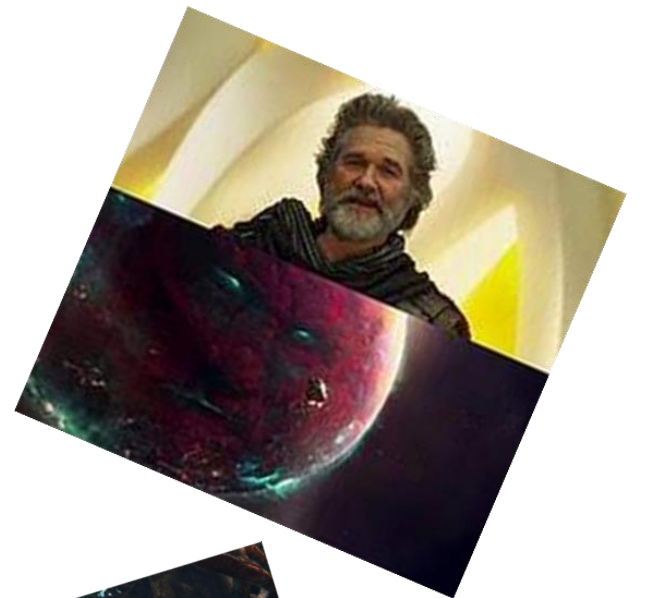
By Louie

The history of the Lizard



The Lizard is a monstrous reptilian supervillain from Marvel Comics, most commonly opposing Spider-Man and the X-Men. He was once a biologist named Curtis Connors who studied lizards, in search of creating a serum that could regrow his missing right arm.

The history of Ego

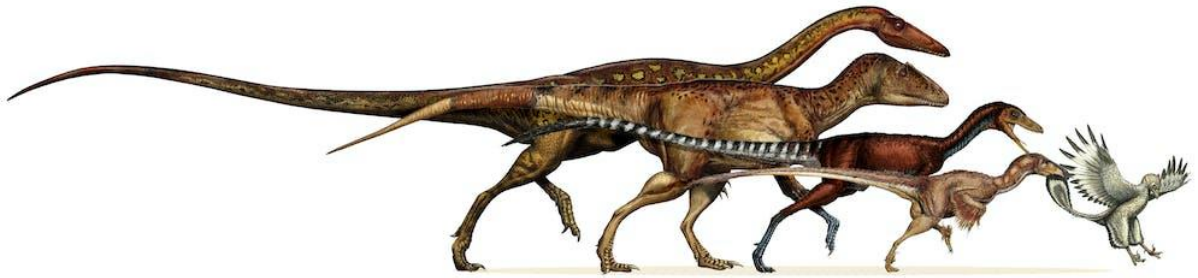


Ego is from a primordial race known as the celestials, he is the (pretend) father of star lord and features in guardians of the galaxy volume two



THE EVOLUTION OF BIRDS

The birds that we see today evolved from small Theropod dinosaurs such as the Velociraptor. They lived about 165-150 million years ago.



THE EARLY BIRD

The Archaeopteryx is described as the early bird. This is because of their small, lightweight, feathered, and winged body plan was pieced together gradually over tens of millions of years of evolution and became the birds we know today.

THE METEOR

How come birds exist today if an enormous meteor hit the Earth millions of years ago and killed the dinosaurs?

Well, not all creatures died out when the meteor hit. Mysteriously, some Theropods managed to survive it. But, new research has been done about a well-preserved ancient bird skull and the research suggests that the surviving bird species had bigger cerebrums or forebrains.

FEATHERS & FLIGHT

The first animals with feathers were probably small theropods related to the Compsognathus. Feathers developed over thousands of years. First, these creatures started to grow small feathers on their bodies. After this, their feathers became longer but the process of how they learned to fly is different. After developing feathers, the (now) bird-like creatures started to lose density in its bones as learning to fly is hard if it is too heavy. At first, they learned to glide which came in handy when they were hunting for insects and over a long time they learned the ability to fly.