

Documentation of used files in «Lecture» - Arthur Firstenberg

PHOTOS

Chapter 2

1G

File:DynaTAC8000X.jpg

<https://en.wikipedia.org/wiki/File:DynaTAC8000X.jpg>

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Attribution: Kozuch

From 1G to 5G

<http://midintime.com/software-and-technology/mobile-network-transform-1g-analog-5g-next-generation-wireless-broadban>

1G = Analog / 2G = Digital and Voice / 3G = Digital, Supported data, but still Circuit Switched / 4G = Wireless Broadband / 5G = Next generation of Wireless Broadband

Chapter 3

Blood brain barrier

<https://www.neurologyadvisor.com/topics/neurodegenerative-diseases/breakdown-of-blood-brain-barrier-may-drive-dementia/>

Several pictures about 5G

<http://www.emfexplained.info/?ID=25916>

Chapter 5

Mobile shops

File:Samsung in SM Aura, Bonifacio Global City.jpg

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File:26B Ba Trieu mobile phones store in 2015.jpg

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Attribution: [Vuong Tri Binh](#)

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Public speech / microphone

<https://knowledge.wharton.upenn.edu/article/how-vulnerability-can-help-you-connect-with-an-audience/>

Chapter 6

File:Africa (orthographic projection).svg

[https://en.wikipedia.org/wiki/File:Africa_\(orthographic_projection\).svg](https://en.wikipedia.org/wiki/File:Africa_(orthographic_projection).svg)

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Attribution: [Martin23230](#)

Added the name Democratic Republic of the Congo, and colored the area within the borders.

File:Prov-Congo-Kinshasa – 2006.fr.png

https://www.familysearch.org/wiki/en/File:Prov-Congo-Kinshasa_-_2006.fr.png

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File:Democratic Republic of the Congo (26 provinces) – Ituri.svg

[https://en.wikipedia.org/wiki/File:Democratic_Republic_of_the_Congo_\(26_provinces\)_-_Ituri.svg](https://en.wikipedia.org/wiki/File:Democratic_Republic_of_the_Congo_(26_provinces)_-_Ituri.svg)

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Added the names: Democratic Republic of the Congo, and Ituri

File:Rainforest - Ituri (20874628148).jpg

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https://en.wikipedia.org/wiki/File:Kobalt_electrolytic_and_1cm3_cube.jpg

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Attribution: [Alchemist-hp](#).

File:Tantalum.jpg

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File:China Democratic Republic of the Congo Locator.png

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Attribution: Discott

Dozens killed in DR Congo's Ituri province

A Congolese family, who migrated from the Democratic Republic of Congo by fleeing on a boat across Lake Albert arrives in Uganda [File: James Akena/Reuters]

<https://www.aljazeera.com/news/2018/03/dozens-killed-dr-congo-ituri-province-180313193933855.html>

Chapter 8

File:Steeple of St James Catholic Church.jpg

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Attribution: Nevit

Unkown chapter

Portraits 3 and 15:

WikiHOW: <https://www.wikihow.com/Draw-a-Portrait>

5G mobile

<https://bgr.com/2019/04/01/galaxy-s10-5g-release-date-price/>

Phased Array Antenna System

<https://hackaday.com/2017/01/05/visualization-of-a-phased-array-antenna-system/>

Chapter 10

Map:

File:3GPP Long Term Evolution Country Map.svg

https://commons.wikimedia.org/wiki/File:3GPP_Long_Term_Evolution_Country_Map.svg

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Virgin Galactic

<http://fabrikbrands.com/future-brands-virgin-galactic/>

Qualcomm

<http://www.logospng.com/snapdragon-glance-lock-screen-app-hits-google-play-209068-png.html>

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Attribution: The Royal Society

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MarkerLLC (self created, there was nothing available in the right size)

<https://e27.co/investor/marker-llc>

Grupo Salinas (self created, was nothing available in the right size)

<https://www.globenewswire.com/news-release/2019/01/02/1679746/0/en/Grupo-Salinas-Creates-Extensive-Economic-Social-and-Environmental-Value-in-2018.html>

Chapter 11

Memory loss

<http://radioklaket.ps/wp-content/uploads/2016/07/o-MEMORY-LOSS-facebook.jpg>

<http://radioklaket.ps/wp-content/uploads/2016/07/?C=N;O=D>

Nausea

<https://www.calmclinic.com/anxiety/symptoms/nausea>

<http://theseatedview.blogspot.com/2017/02/dealing-with-nausea-in-chronic-illness.html>

Iridium satellite

File:FIU LEO Satellite Cubesat Iridium.jpg

https://en.wikipedia.org/wiki/File:FIU_LEO_Satellite_Cubesat_Iridium.jpg

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Iridium Satellite Phone

https://wikivisually.com/wiki/Iridium_satellite_constellation

First Iridium Satellite

https://wikivisually.com/wiki/Iridium_satellite_constellation

Nosebleed, picture 1

<https://www.wikihow.com/Deal-with-a-Toddler-Nosebleed>

Asthma Attack, picture 1

<https://www.wikihow.com/Help-Children-Cope-with-Asthma-Attacks>

Chapter 12

How The Human Heart Can And Does Affect The Earth's Electromagnetic Field

<http://dreamcatcherreality.com/electromagnetic-field/>

Effects of Geomagnetic, Solar and Other Factors on Humans

<https://www.heartmath.org/articles-of-the-heart/effects-geomagnetic-solar-factors-humans/>

Tree, roots

Flickr - Eduardo il Magnifico

Welcome to the forest

<https://www.flickr.com/photos/edsaunders/26044358900/>

Screenshot from a part of the video: The Earth's Electric Circuit

Chapter 13

Taos, New Mexico

File:Taos Pueblo2.jpg

https://en.wikipedia.org/wiki/File:Taos_Pueblo2.jpg

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Attribution: Captain-tucker

Several screenshots from Google Maps

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Law

File:Legal Gavel & Open Law Book (27905720280).jpg

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File:Map Canada political-geo.png

https://en.wikipedia.org/wiki/File:Map_Canada_political-geo.png

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Wikipedia project. This applies worldwide.

Preferred Center for Children & Families

<https://www.preferredbehavioral.org/preferred-center-children-families/>

No more excuses

<https://www.fluentin3months.com/excuses/>

Alex McBride Wilson/Al Jazeera

Villagers of Ituri Province Congo

<https://www.aljazeera.com/indepth/inpictures/violence-returns-dr-congo-ituri-province-180410102912520.html>

File:Seal of the United States Federal Communications Commission.svg

https://en.wikipedia.org/wiki/File:Seal_of_the_United_States_Federal_Communications_Commission.svg

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File:Ericsson Dialog in green.JPG

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VIDEOS

Playlist with used videos and videos with additional information:

https://www.youtube.com/playlist?list=PLvjgztX_Uo3aoHeKeHNZvYnWXrormpIBK