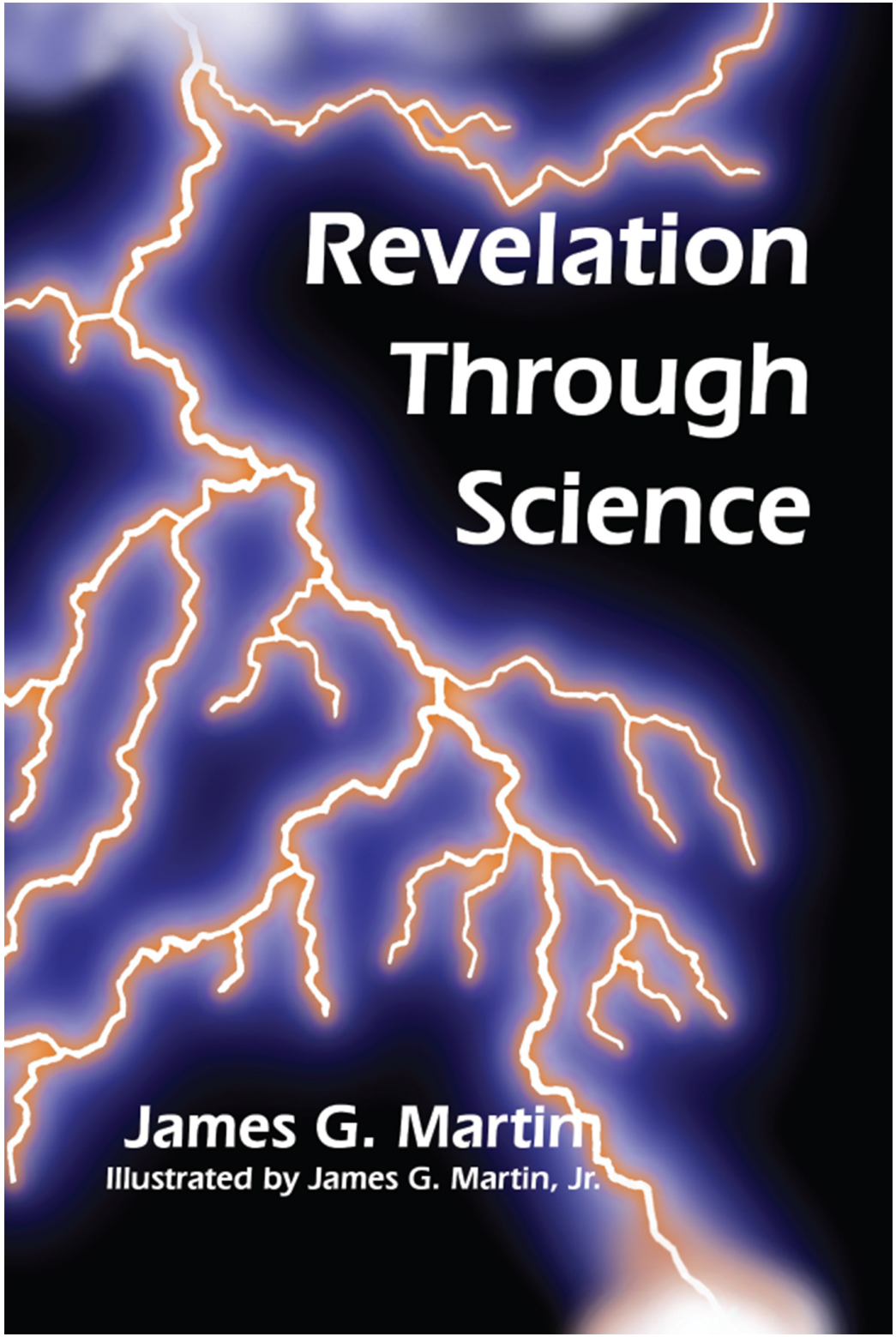
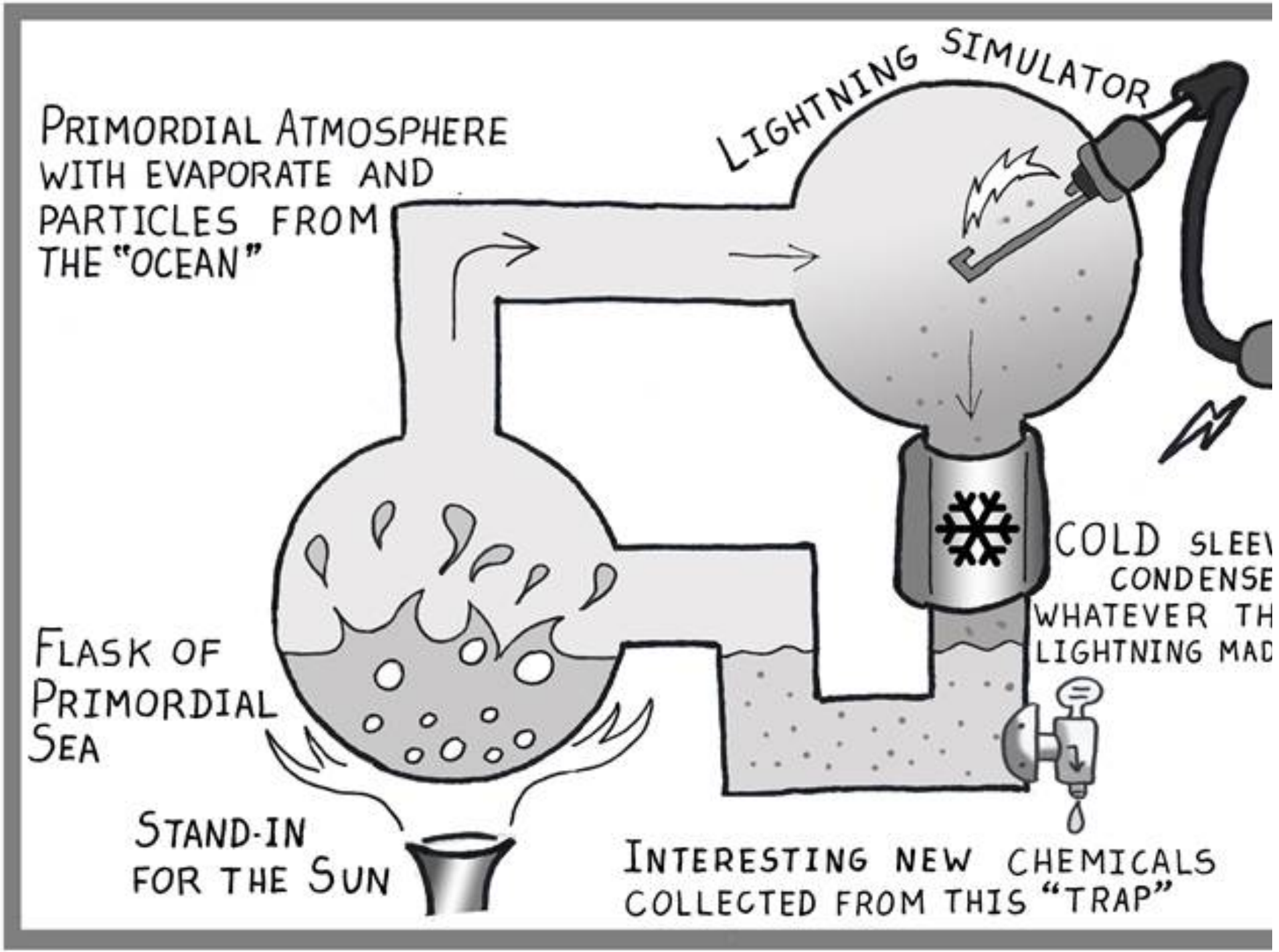

Revelation
Through
Science
James G. Martin
Illustrated by James G. Martin, Jr.


PRIMORDIAL ATMOSPHERE WITH EVAPORATE AND PARTICLES FROM THE "OCEAN"
LIGHTNING SIMULATOR
COLD SLEEV
CONDENSE
WHATEVER TH
LIGHTNING MAD
FLASK OF PRIMORDIAL SEA
STAND-IN FOR THE SUN
INTERESTING NEW CHEMICALS COLLECTED FROM THIS "TRAP"

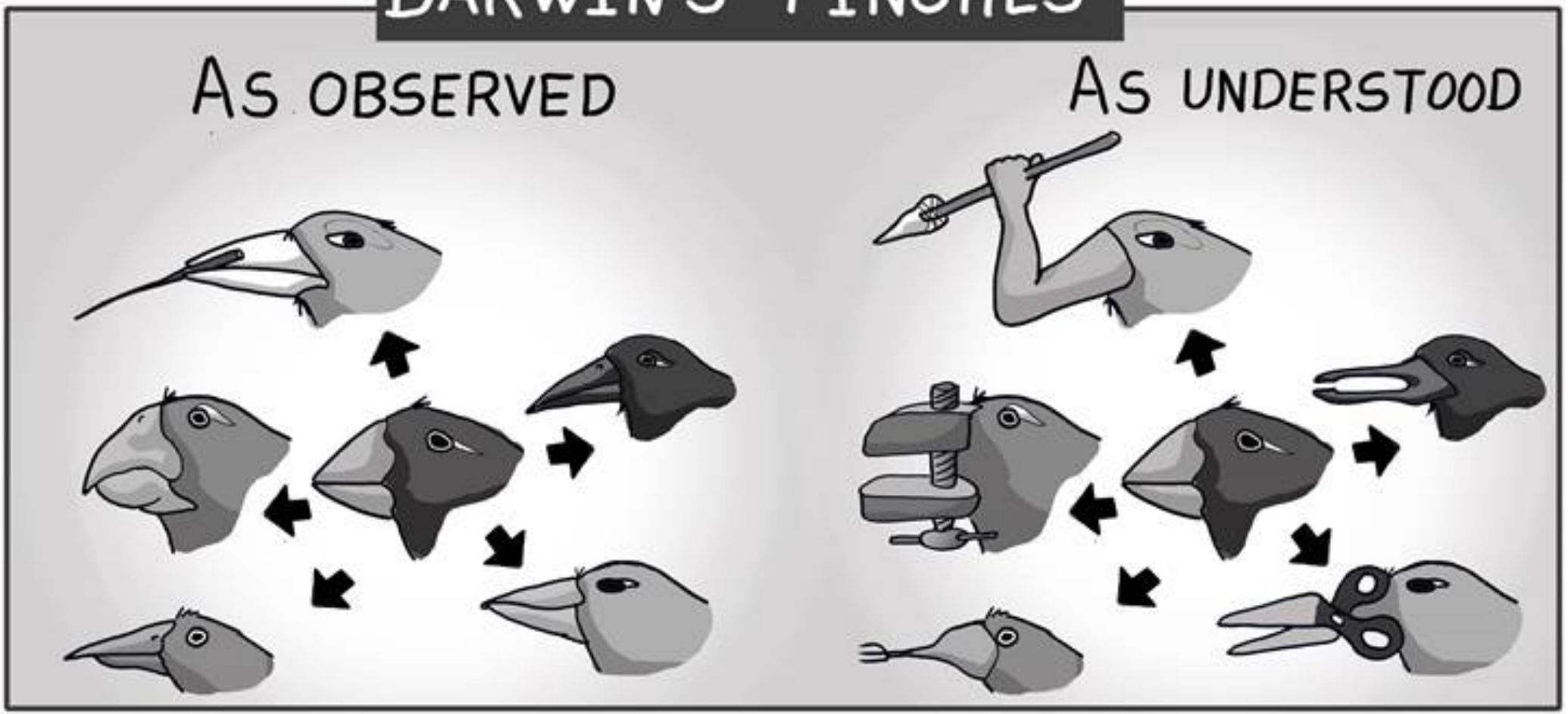
CHARLES DARWIN and THE BEAGLE WORLD TOUR!

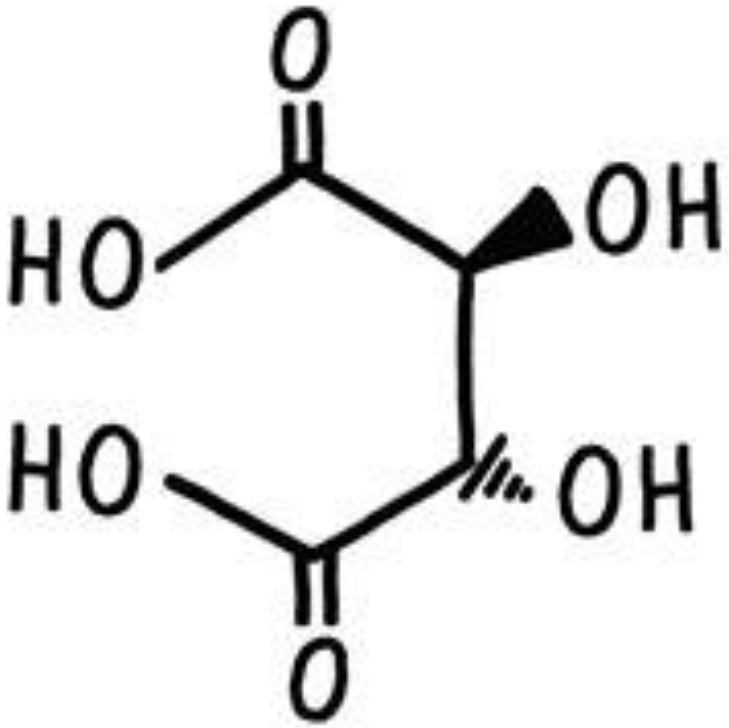
1831 - 1836

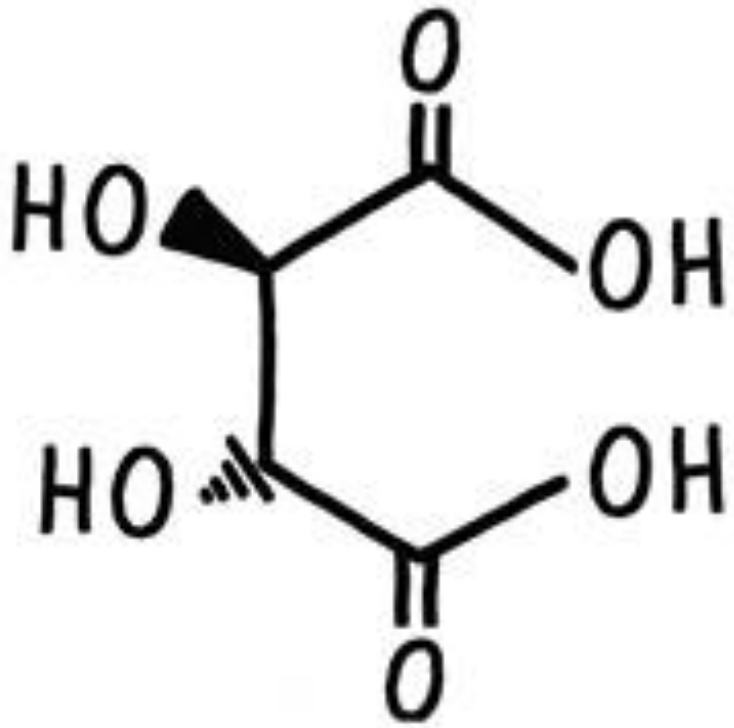
COMING SOON TO AN ISOLATED ISLAND NEAR YOU! *

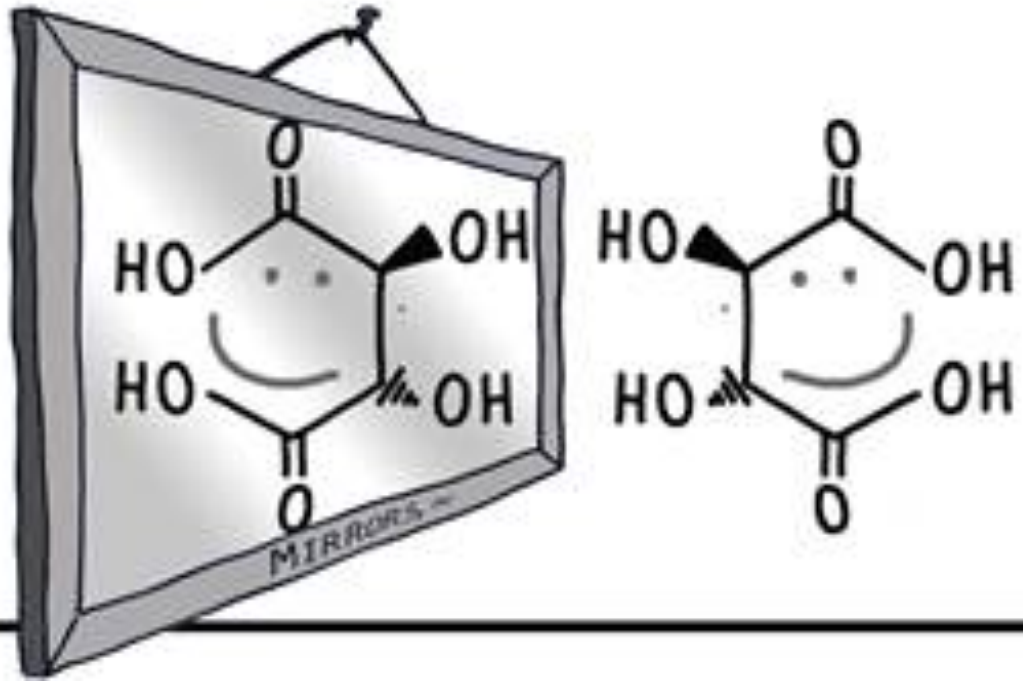
* Well, not NEAR, obviously, that woud contradict the whole "isolated" thing...

Darwin's Finches

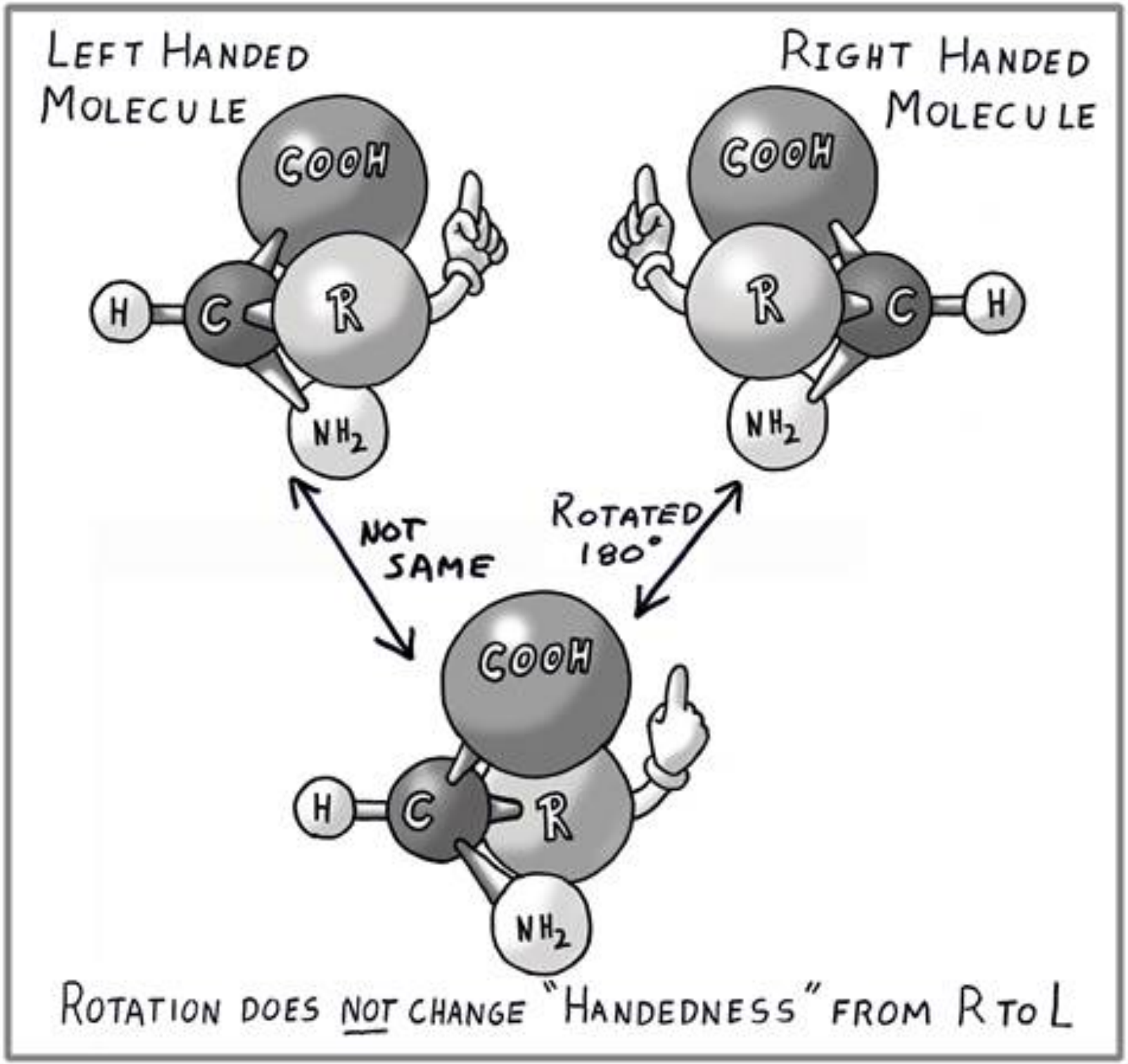



O
HO
OH
HO
OH
O

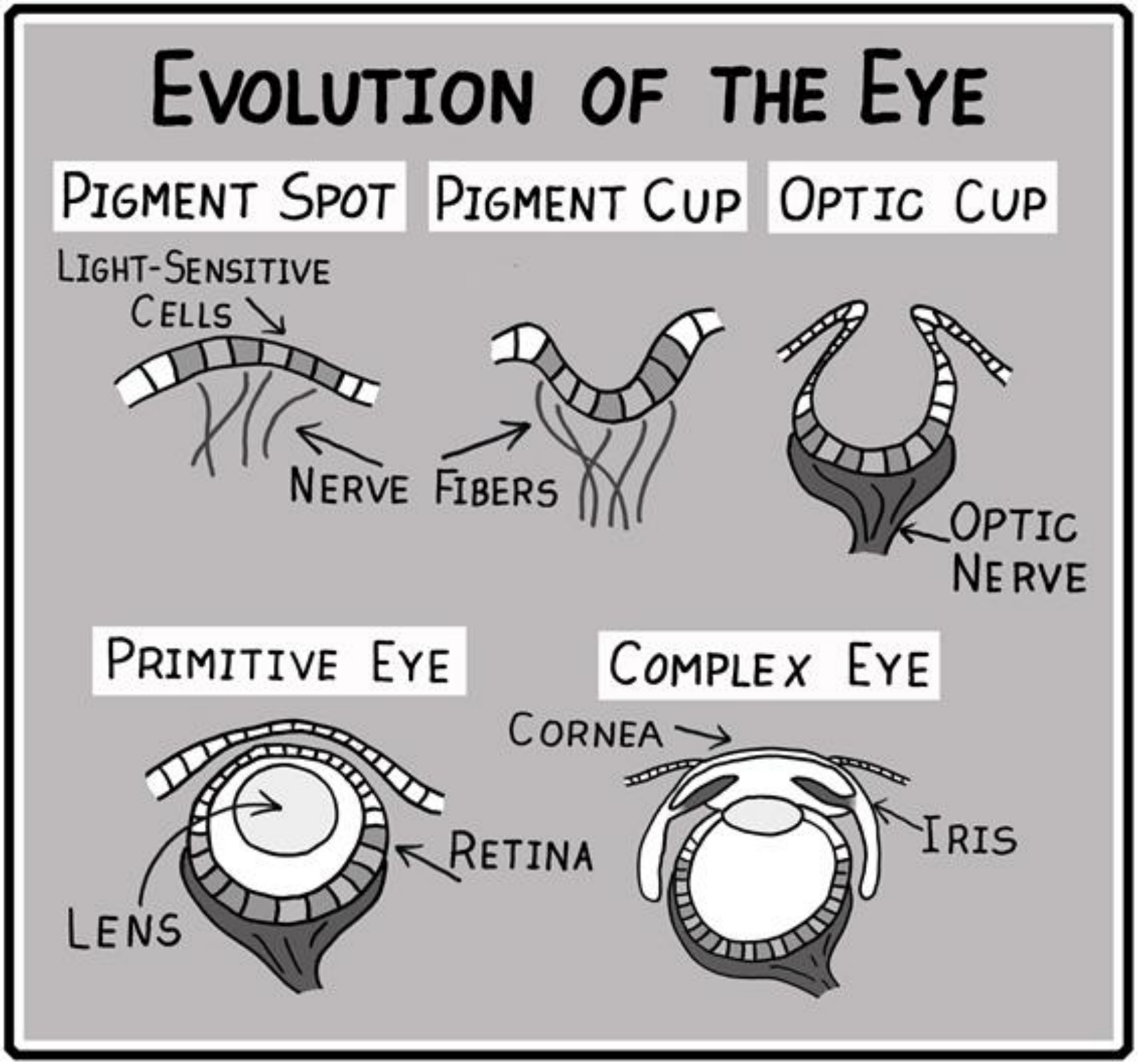

O
HO
OH
HO
OH
O


O
HO
OH
HO
OH
O
MIRROR

O
HO
OH
HO
OH
O


LEFT HANDED MOLECULE
RIGHT HANDED MOLECULE
COOH
H
C
R
NH2
NOT SAME
ROTATED 180°
ROTATION DOES NOT CHANGE "HANDEDNESS" FROM R TO L

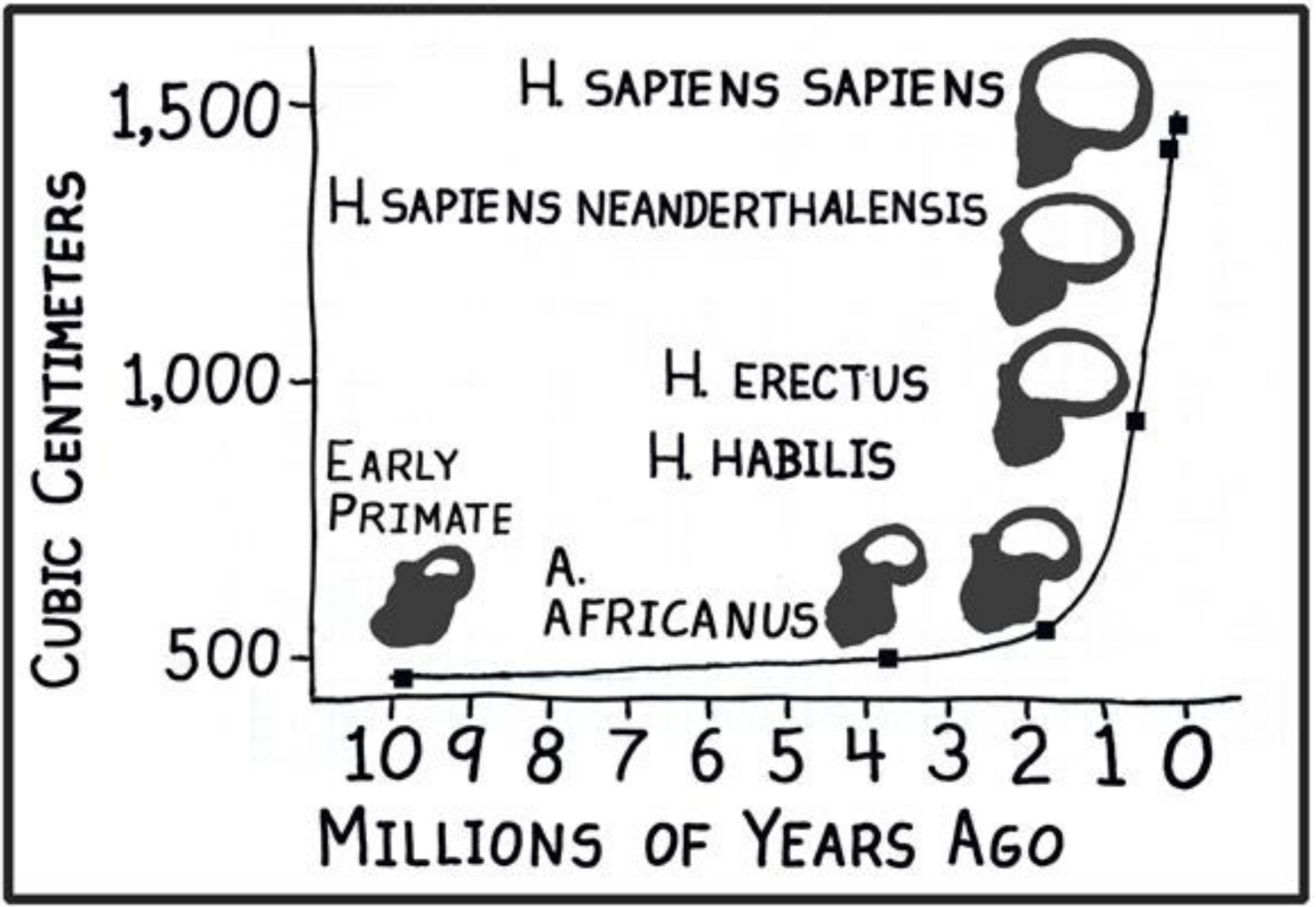
Evolution of the Eye

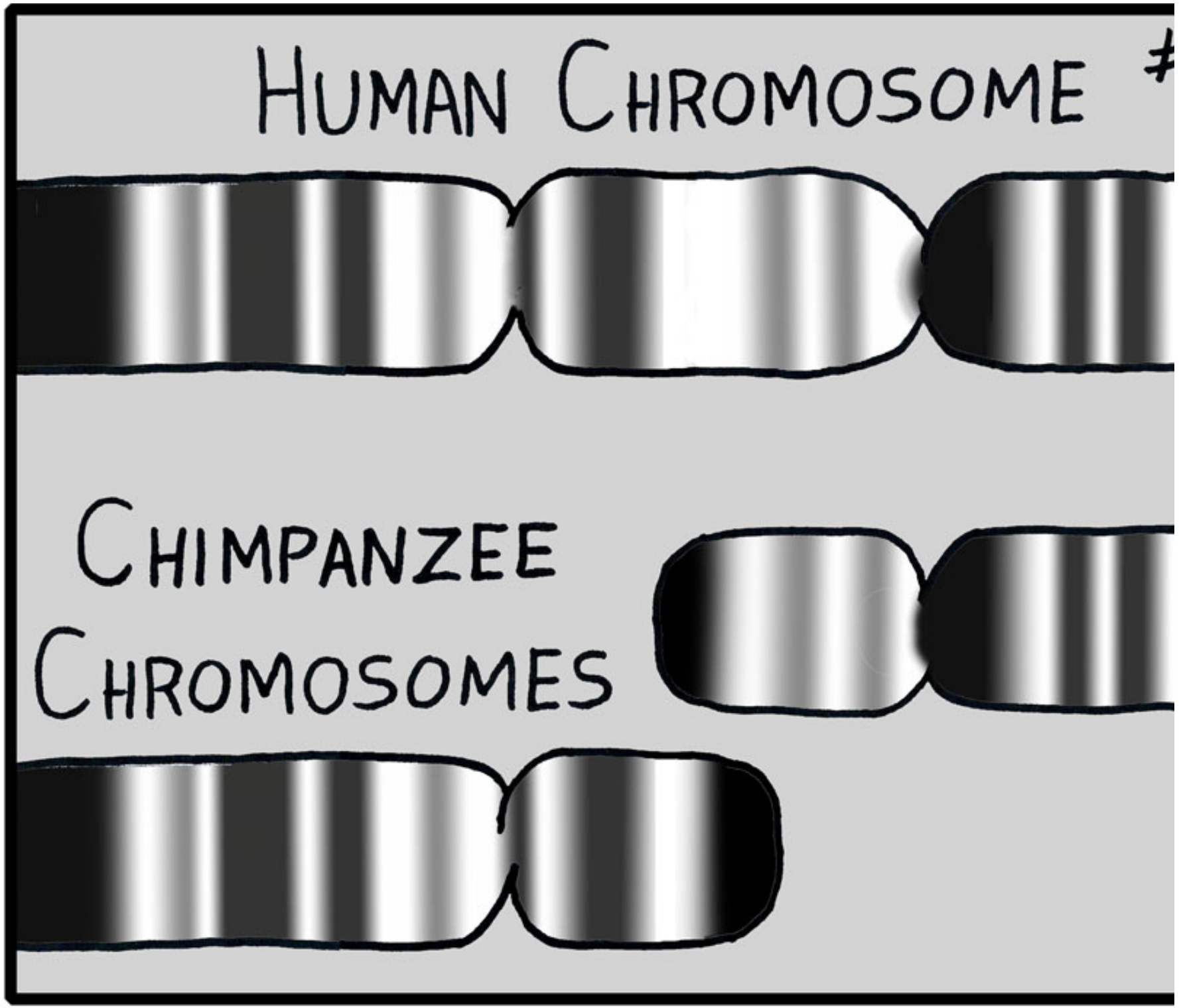


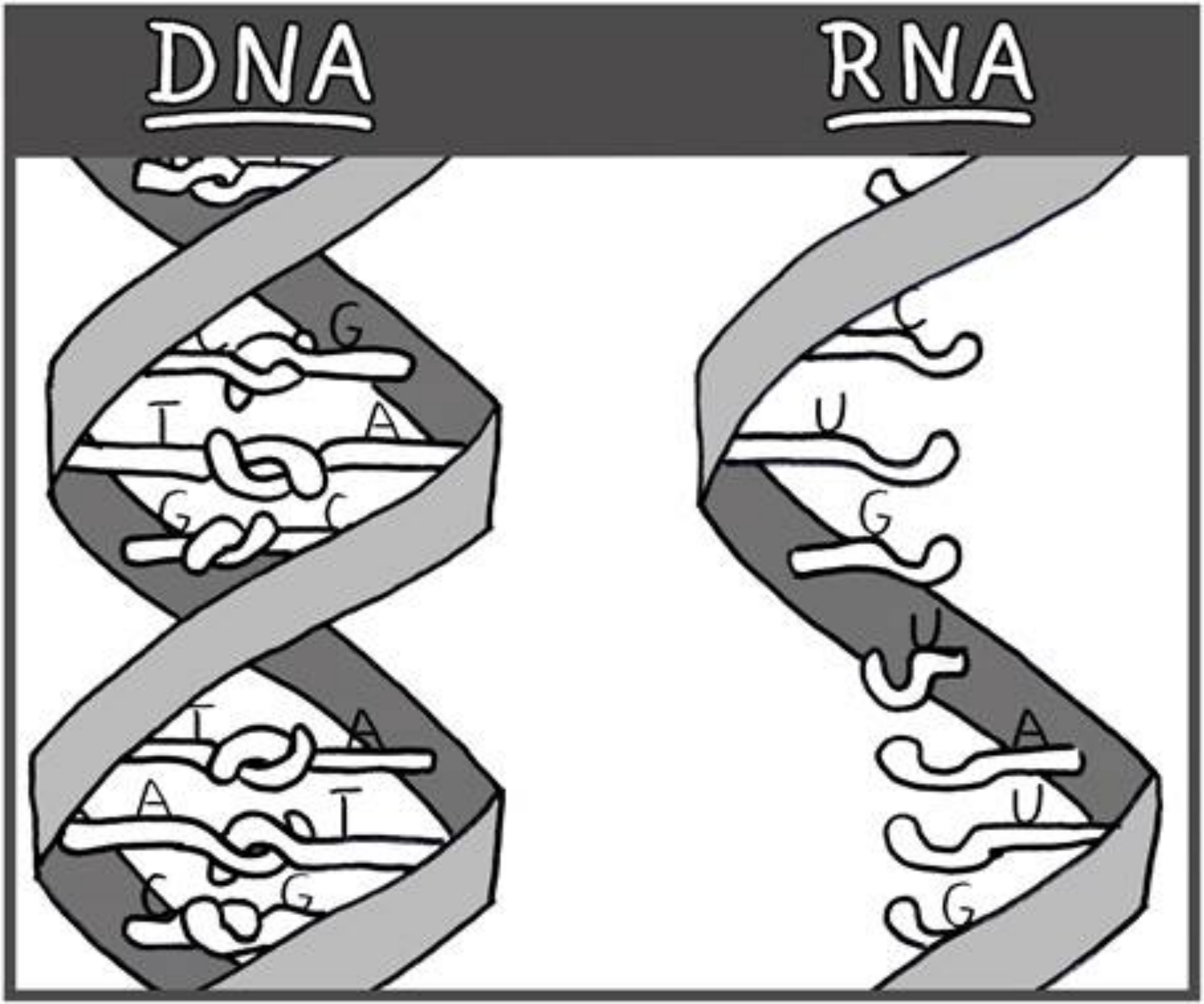
MAKE THE SCARY MONSTER DISAPPEAR!

CLOSE YOUR RIGHT EYE. NOW HOLD THE BOOK ABOUT 1 FOOT AWAY AND STARE AT ABOVE WITH YOUR LEFT EYE. GET THE DISTANCE RIGHT, AND, HURRAH, NO MORE MONSTER!

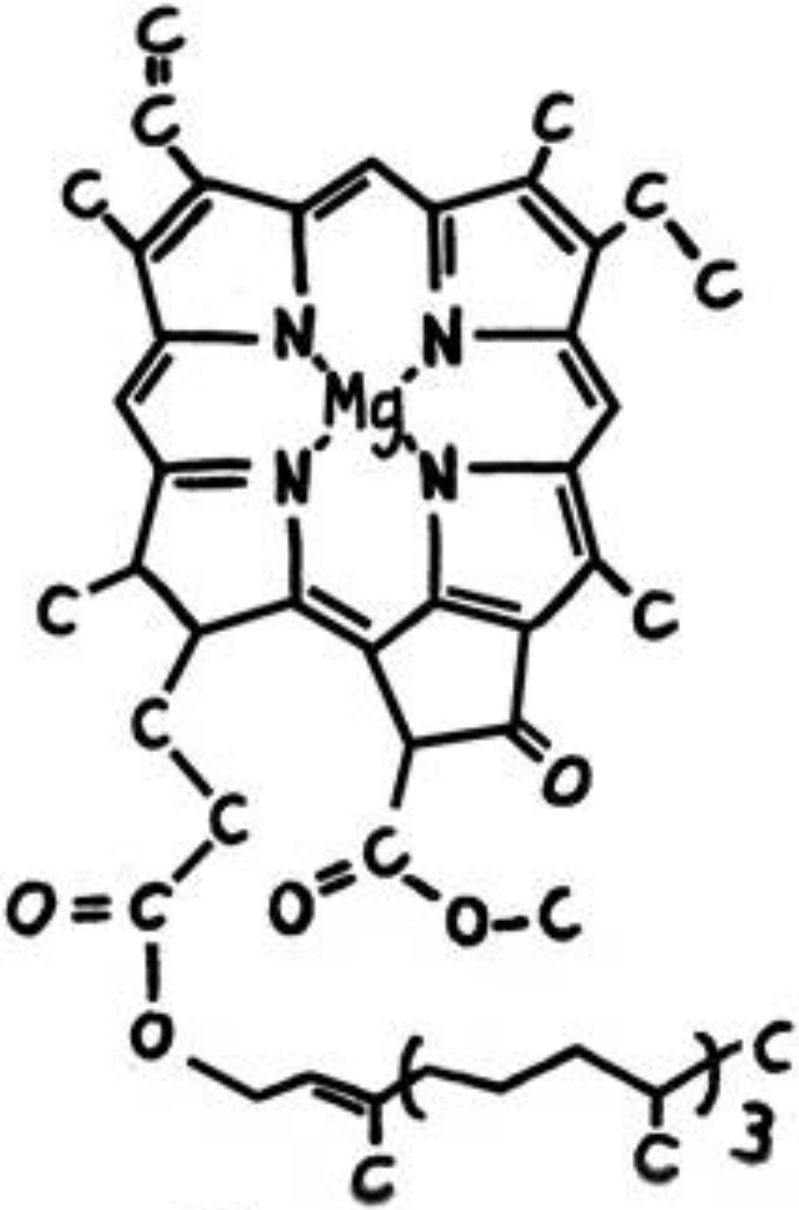
BRAINS GET BIGGER OVER TIME.



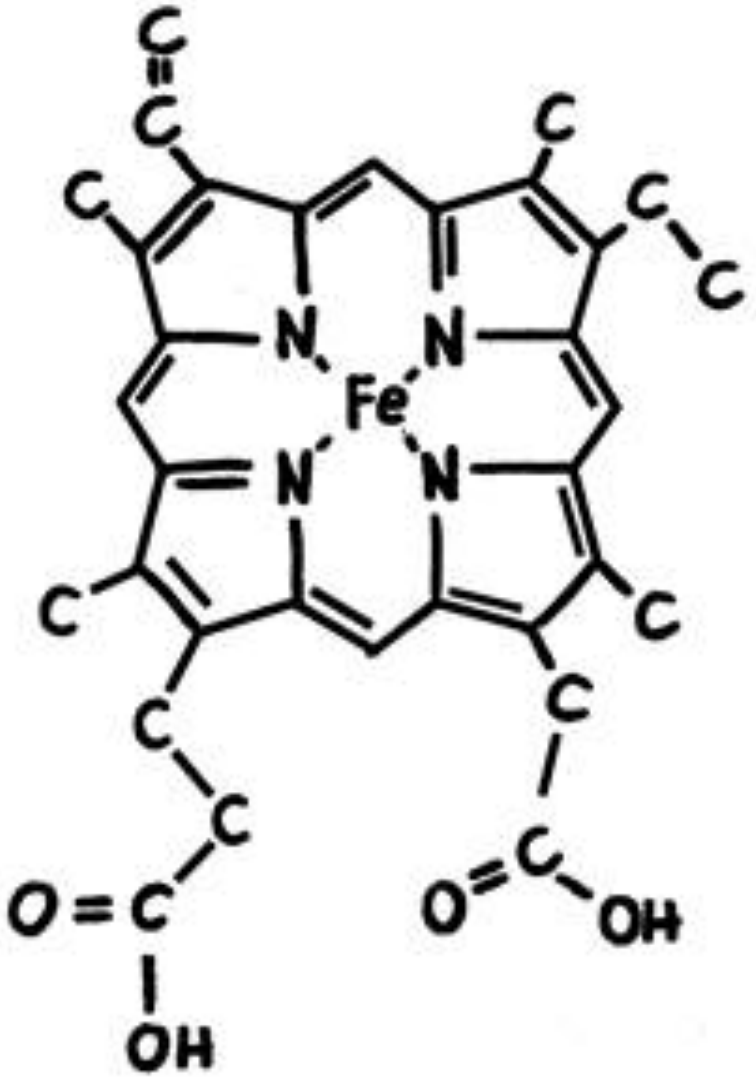

HUMAN CHROMOSOME #
CHIMPANZEE
CHROMOSOMES


DNA
RNA
G
T
A
C
A
T
A
T
G
U
G
U
A
U
G

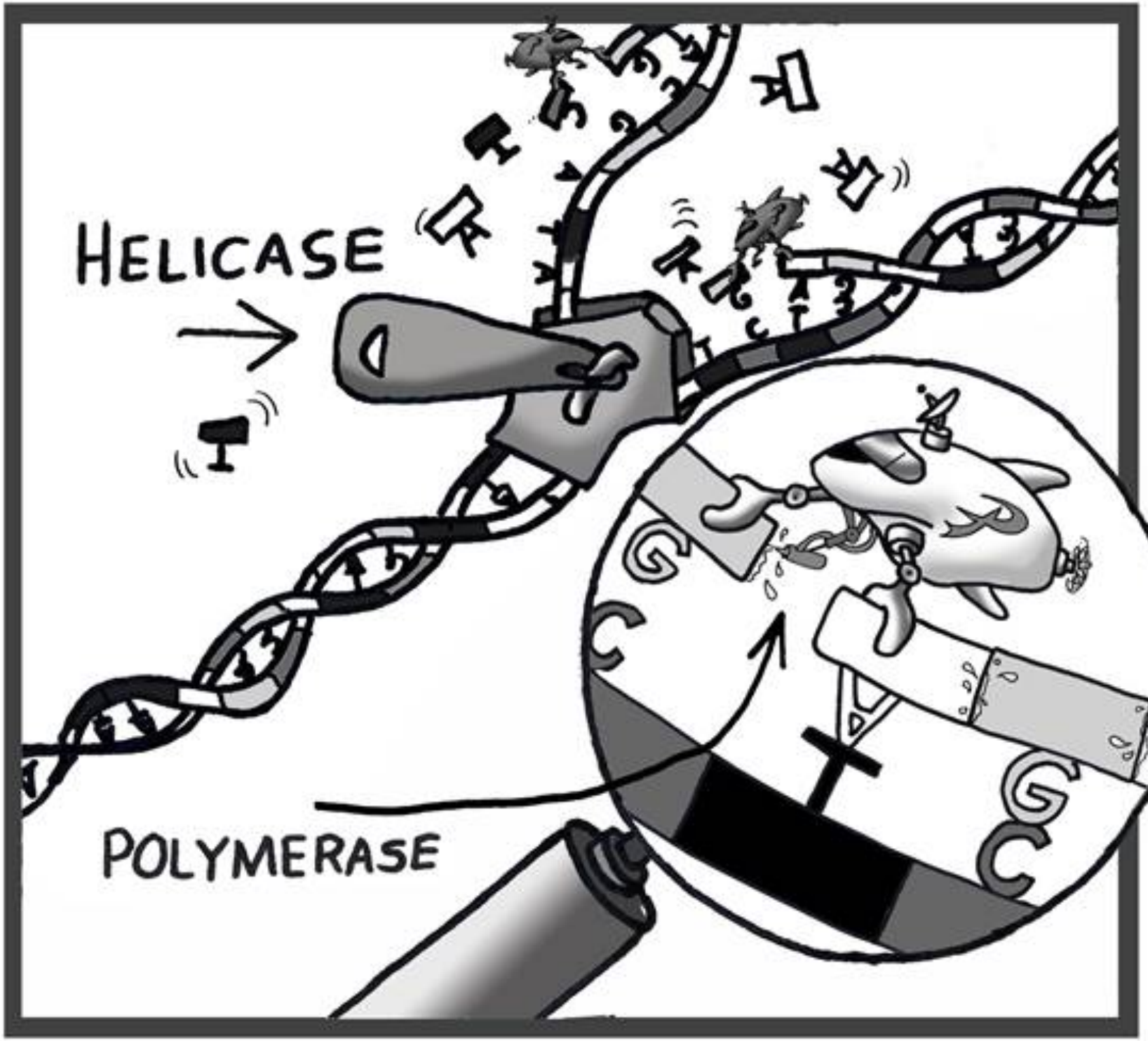
VITAL PORPHYRIN RING STRUCTURES

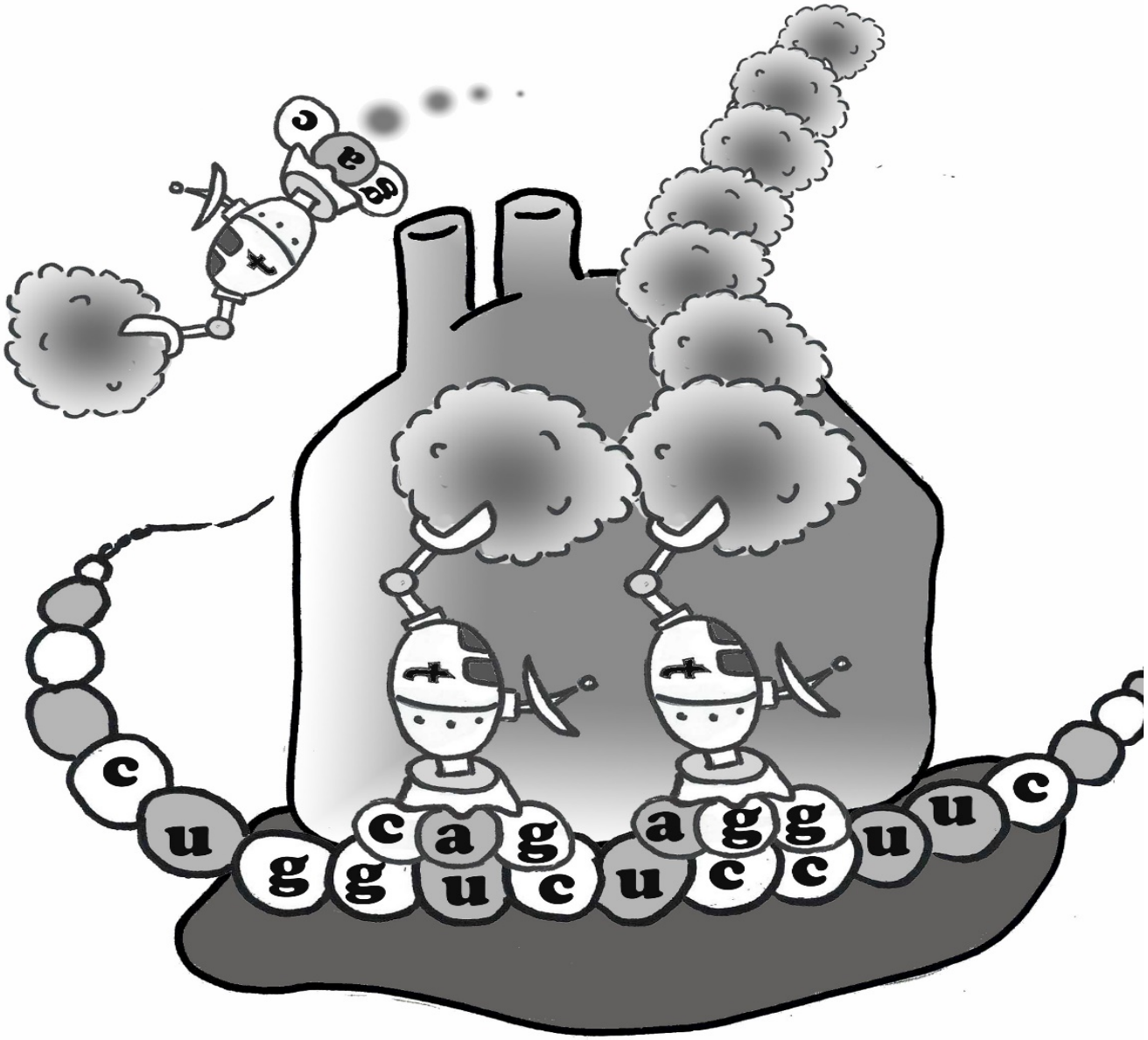


CHLOROPHYLL

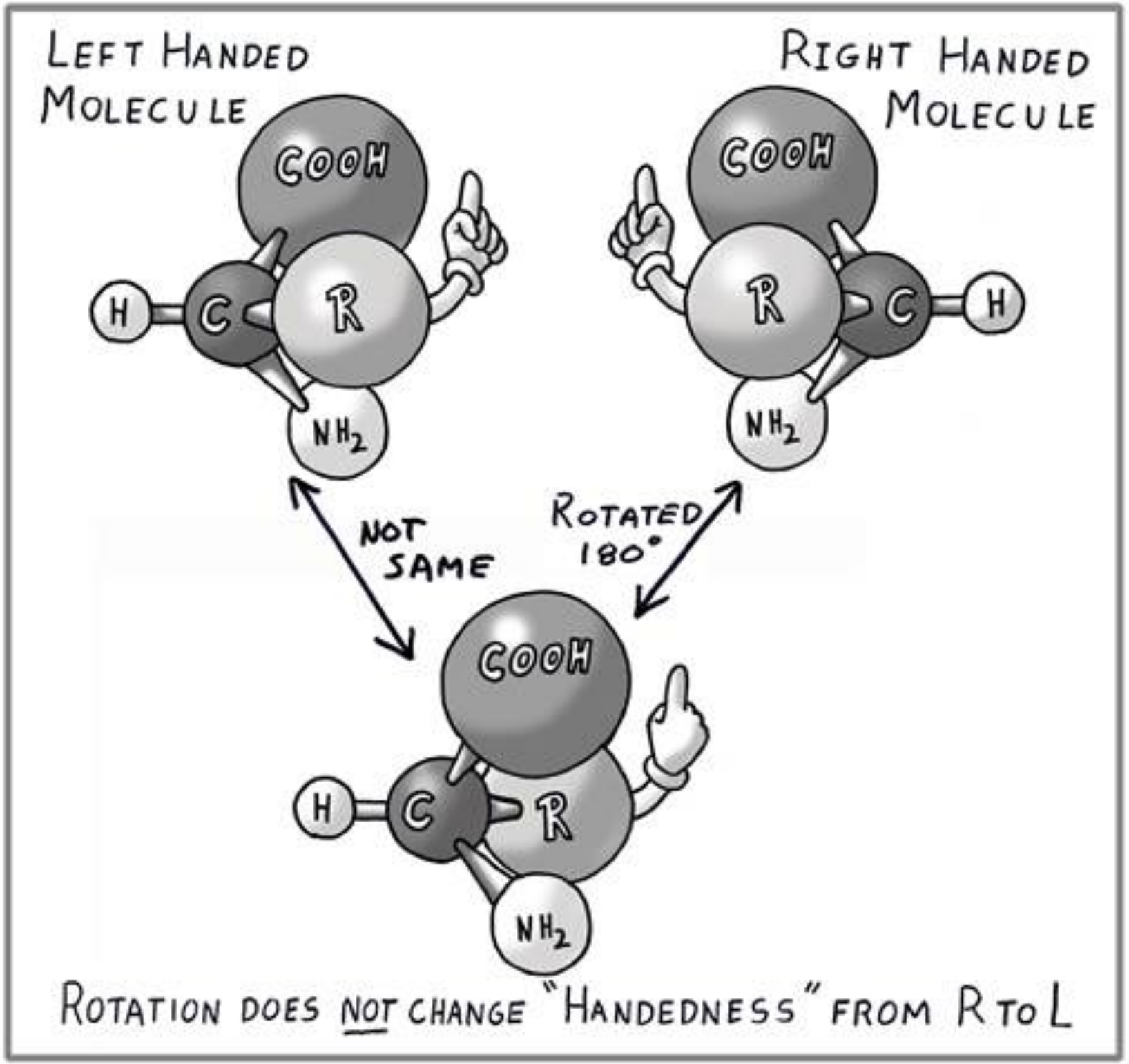


HEME


HELICASE
POLYMERASE



Ribosome "Factory" building a protein from Amino Acids carried by tRNA, following the code of a strand of mRNA


LEFT HANDED MOLECULE
RIGHT HANDED MOLECULE
COOH
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NH2
NOT SAME
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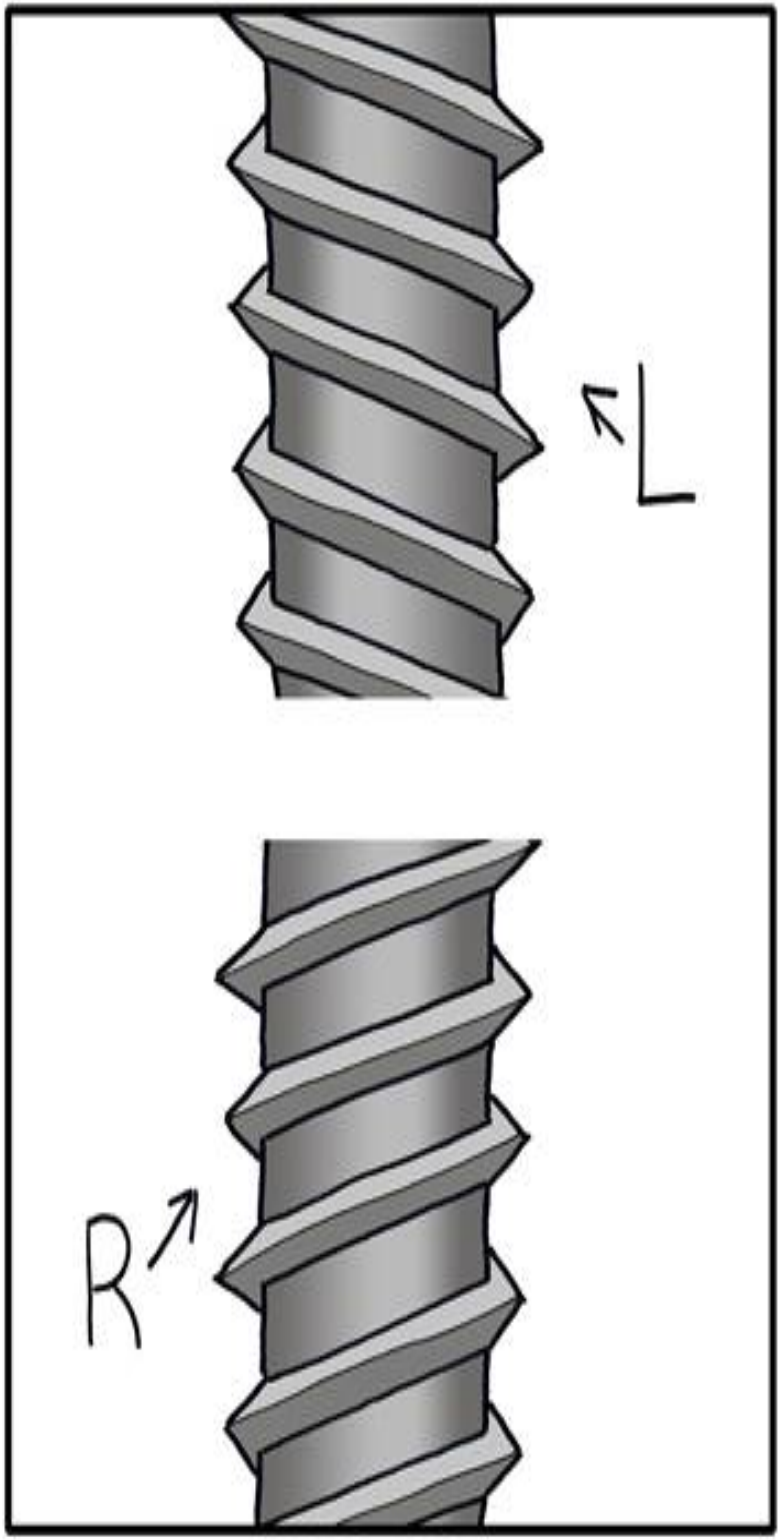
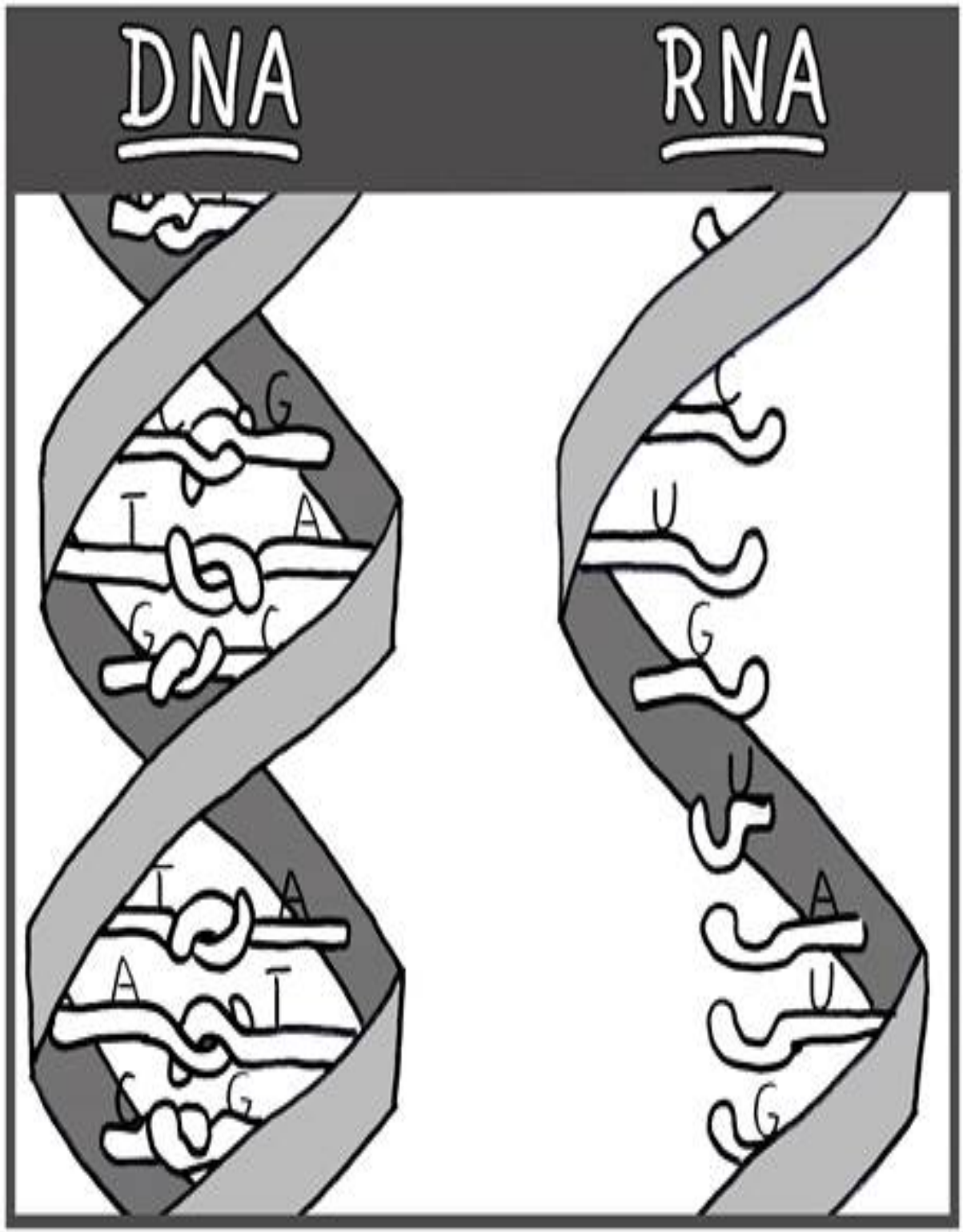
ROTATION DOES NOT CHANGE "HANDEDNESS" FROM R TO L

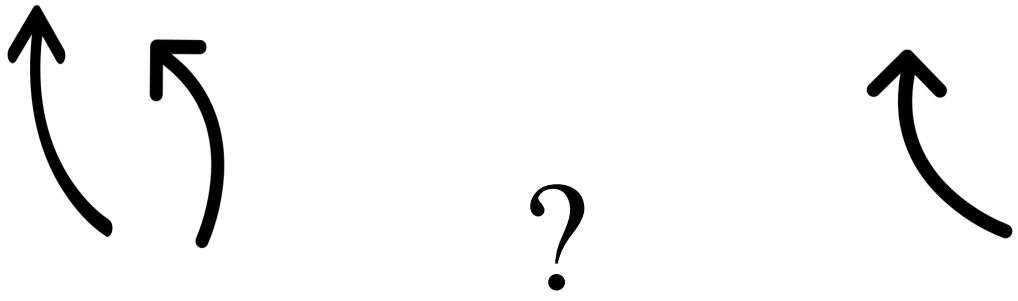

L
R


DNA
RNA
T
A
A
T
T
A
A

RNA (single helix)

DNA (double helix)

(Right-handed)



?

Proteins

Amino Acids

(Left-handed)

Ribose and

deoxy-Ribose

(Right-handed)