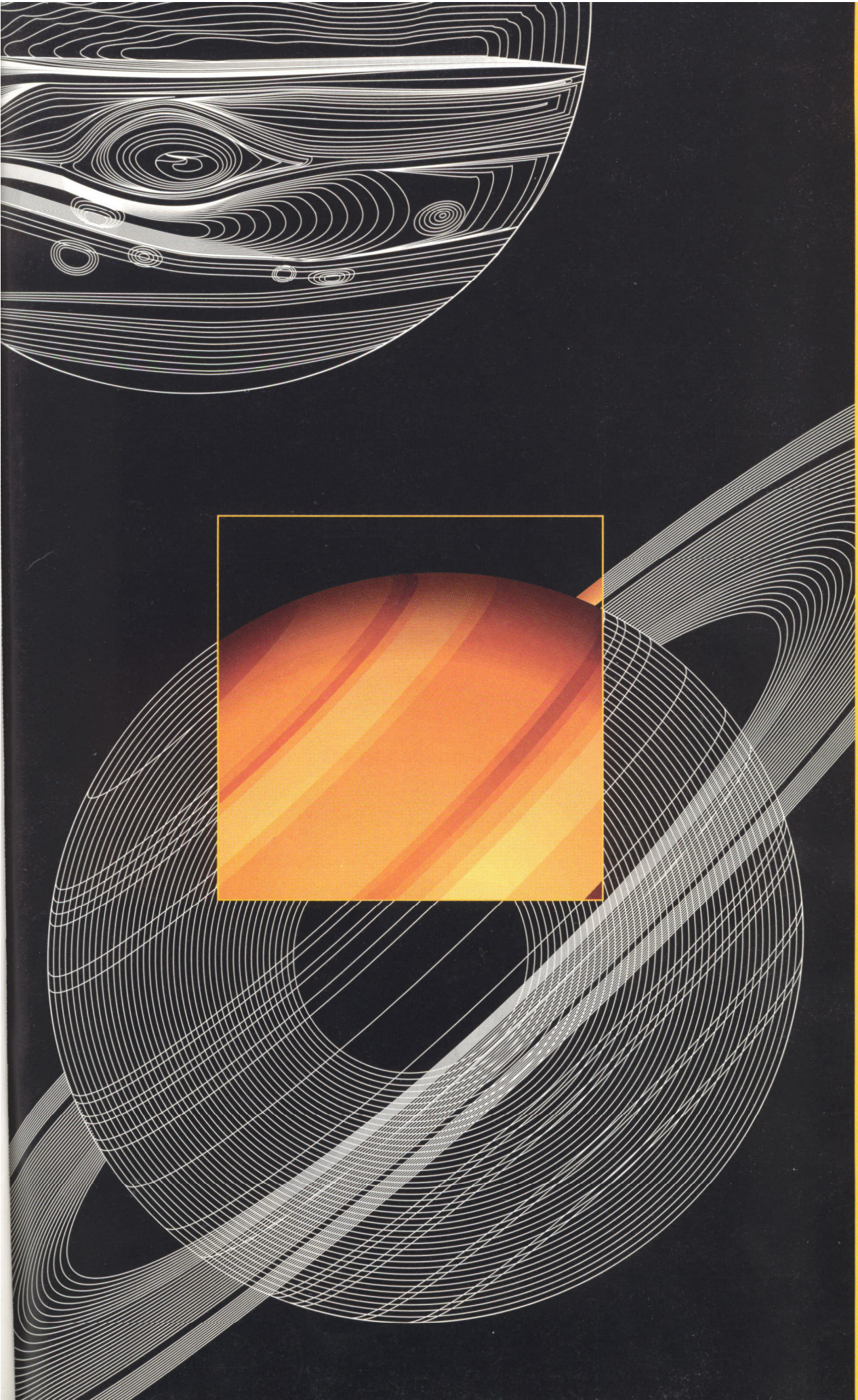


ASTRONOMY

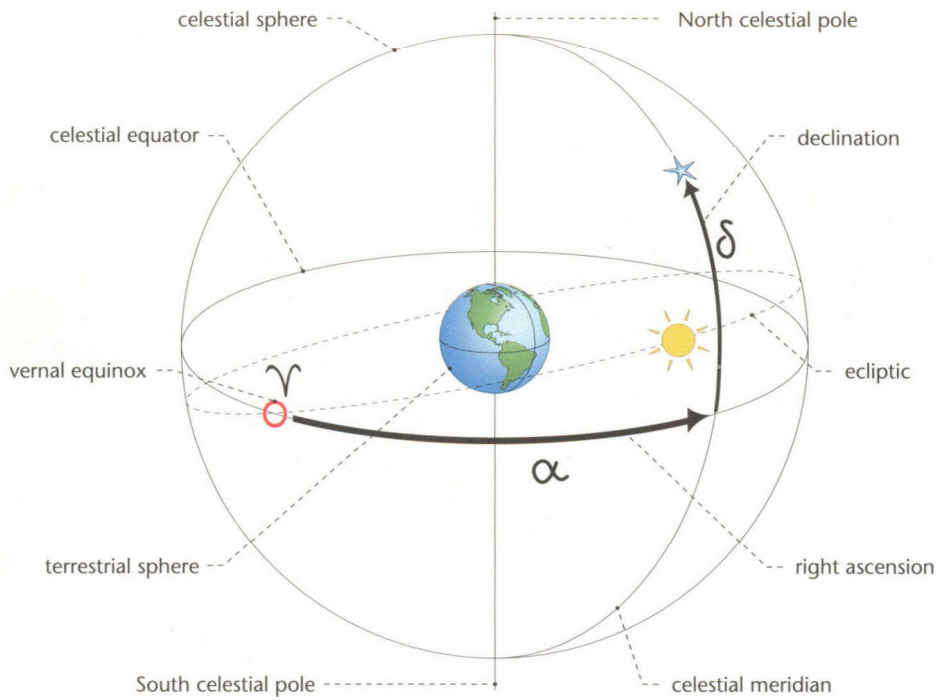




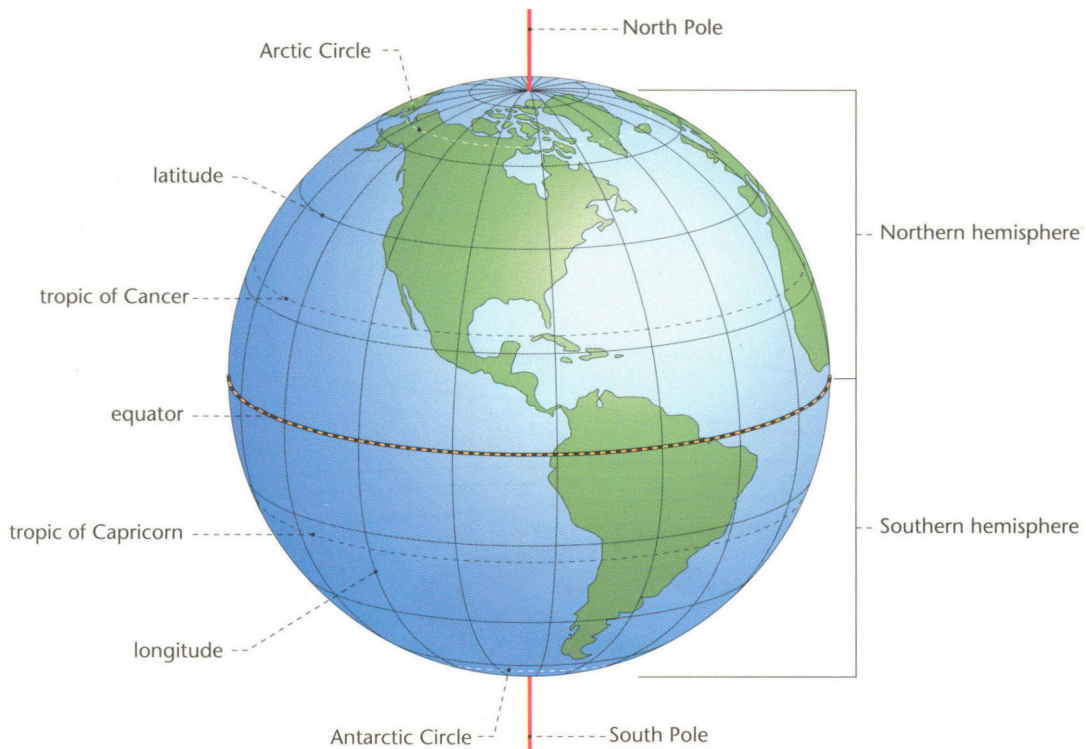
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CELESTIAL COORDINATE SYSTEM

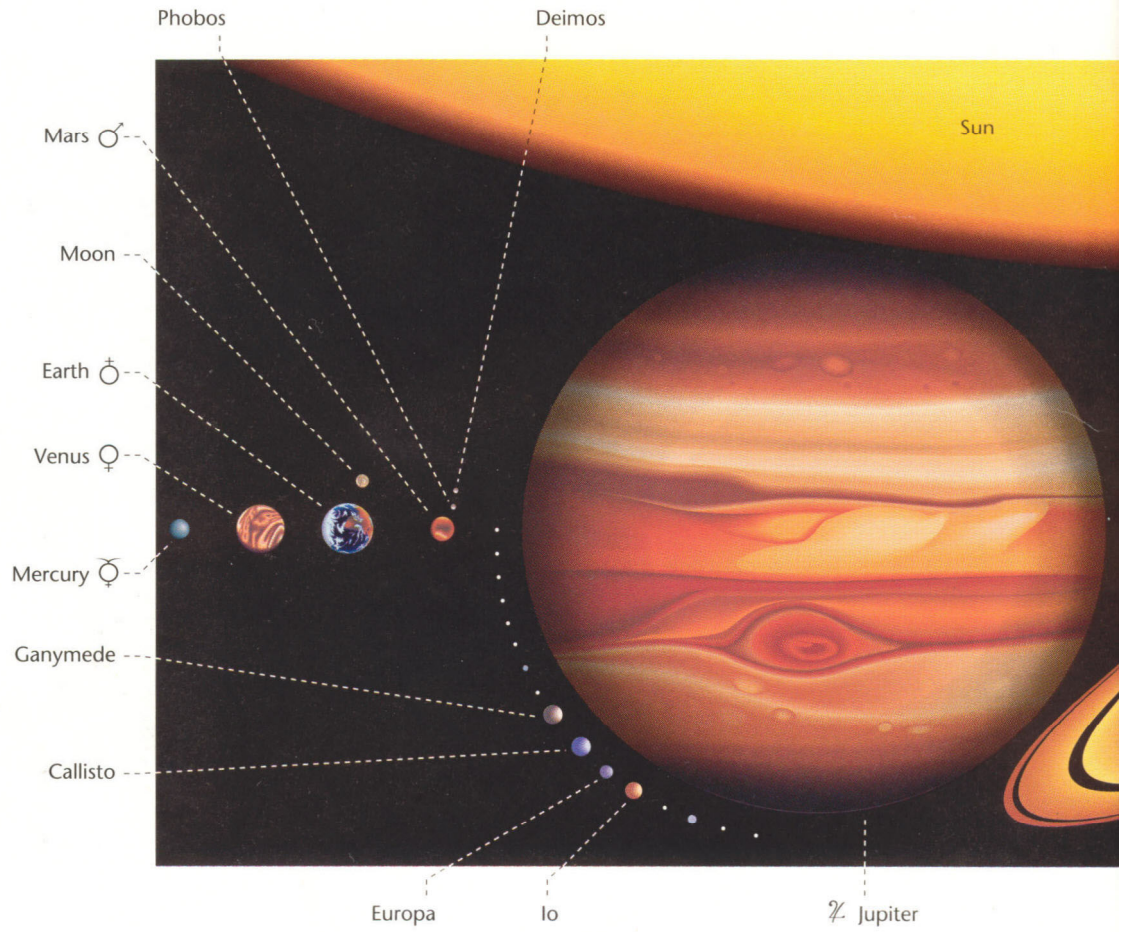


EARTH COORDINATE SYSTEM

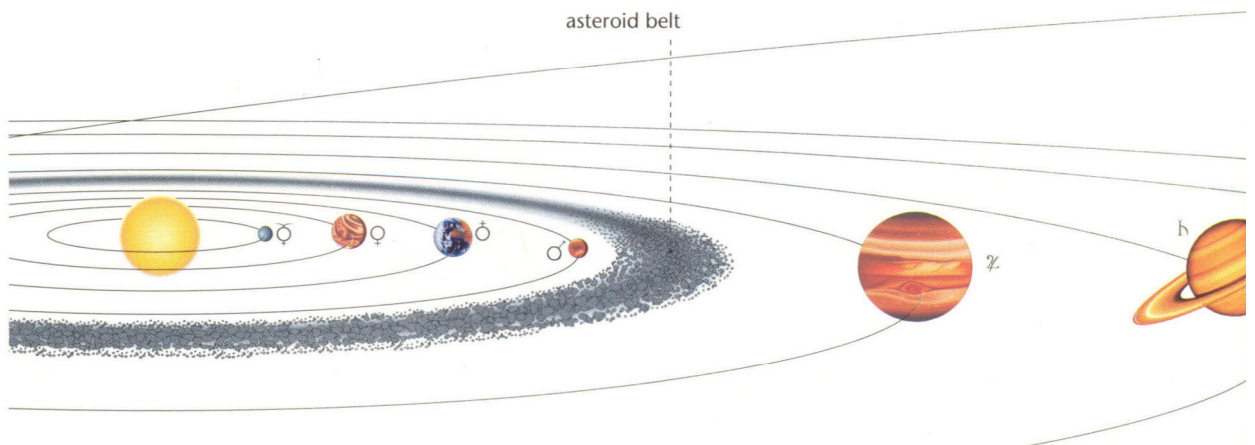


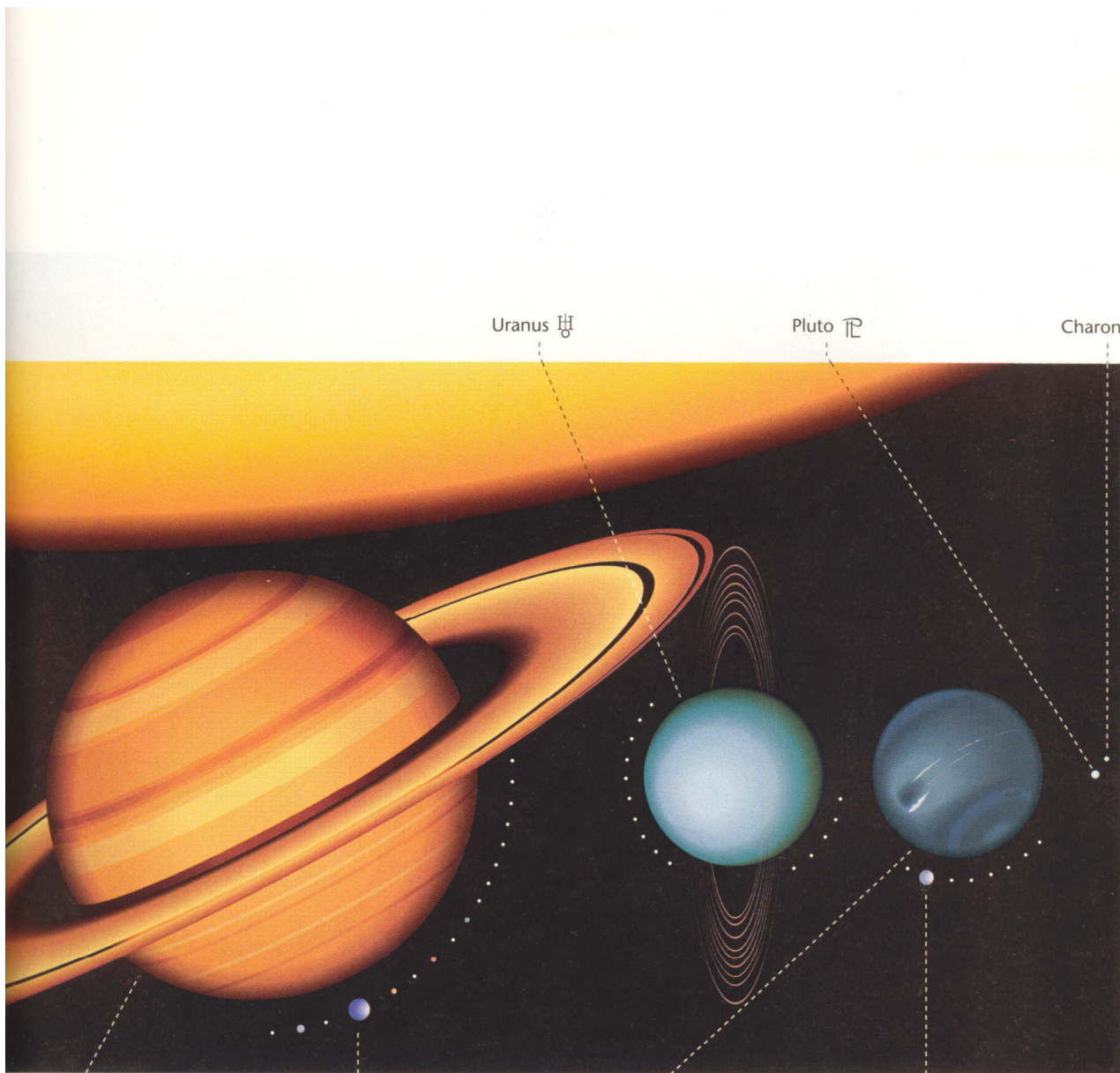
SOLAR SYSTEM

PLANETS AND MOONS



ORBITS OF THE PLANETS





♄ Saturn

Titan

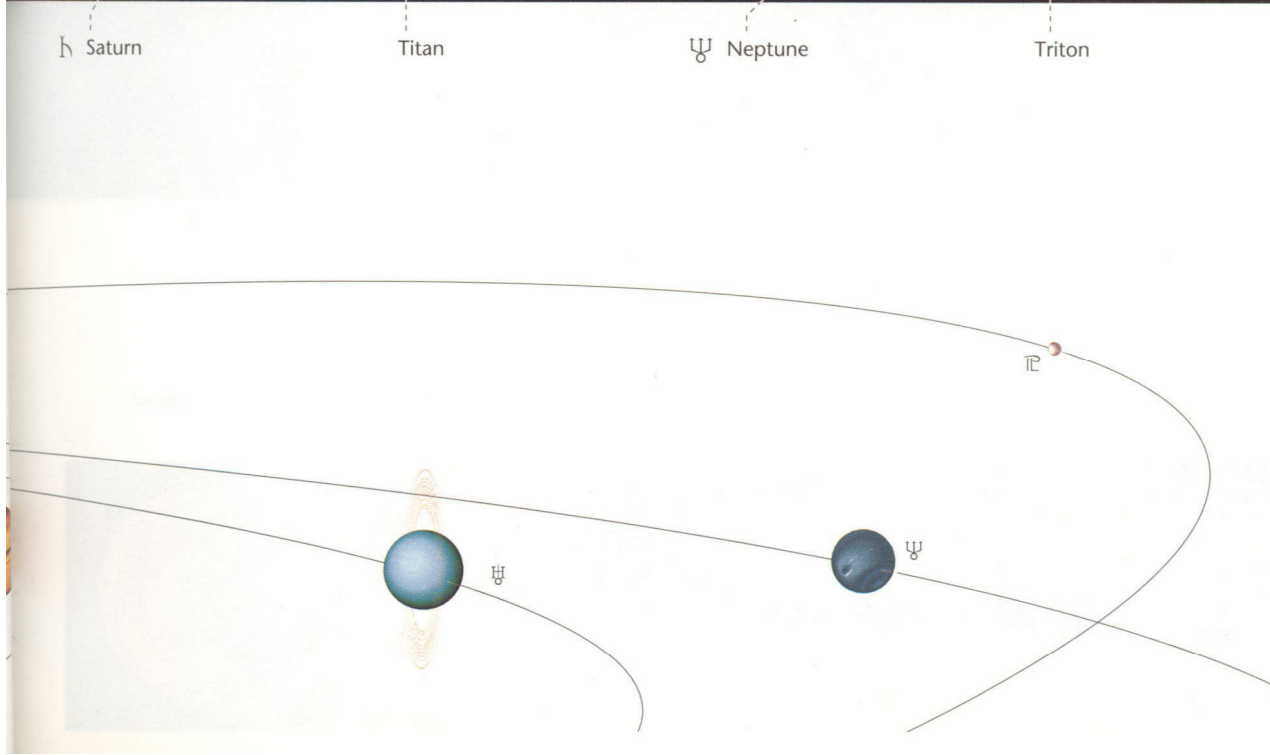
♆ Neptune

Triton

♅ Uranus

♇ Pluto

Charon



♅

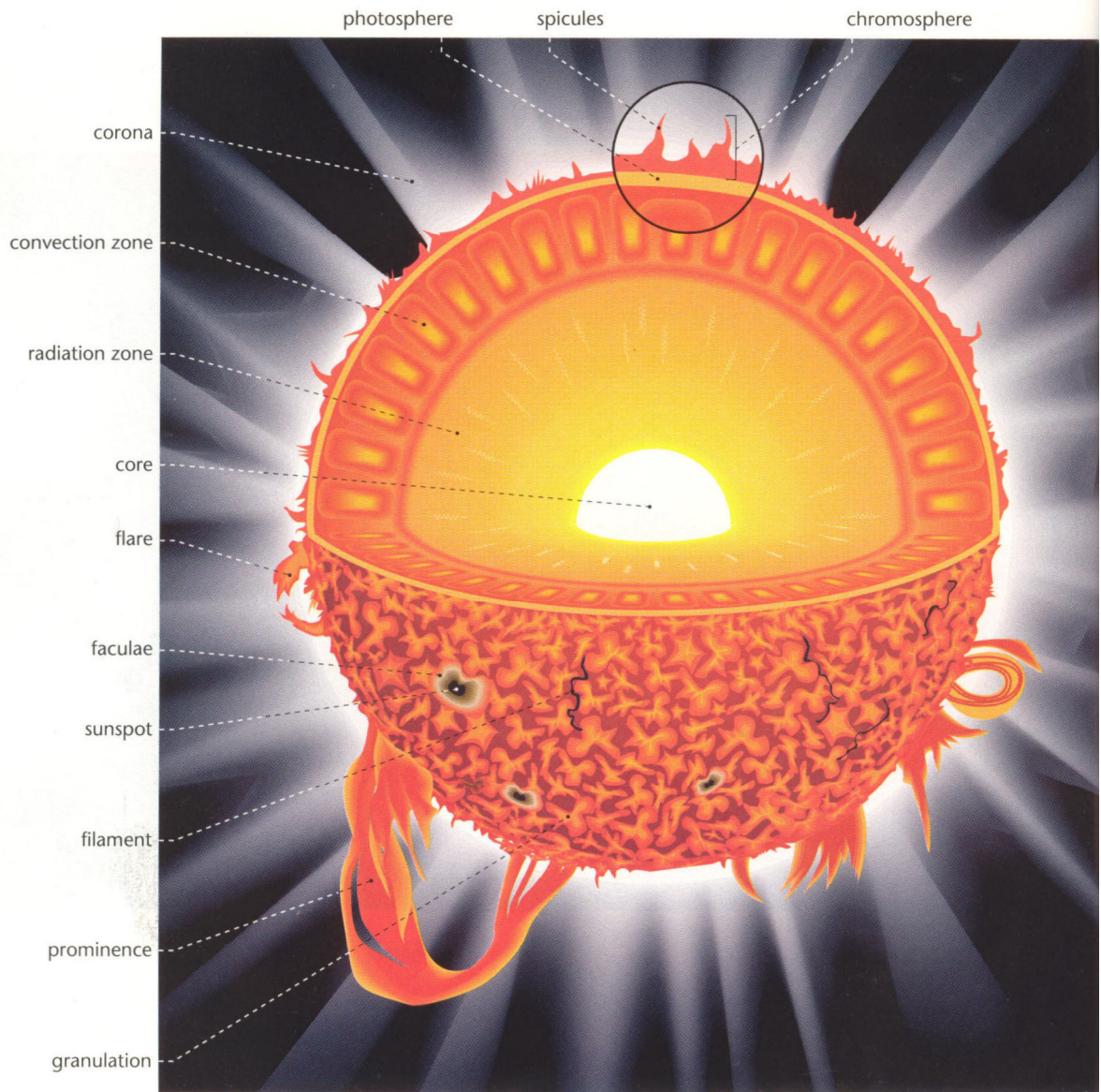
♆

♇



SUN

STRUCTURE OF THE SUN



PHASES OF THE MOON

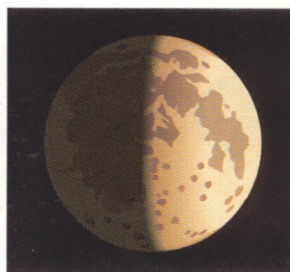
new moon



new crescent



first quarter



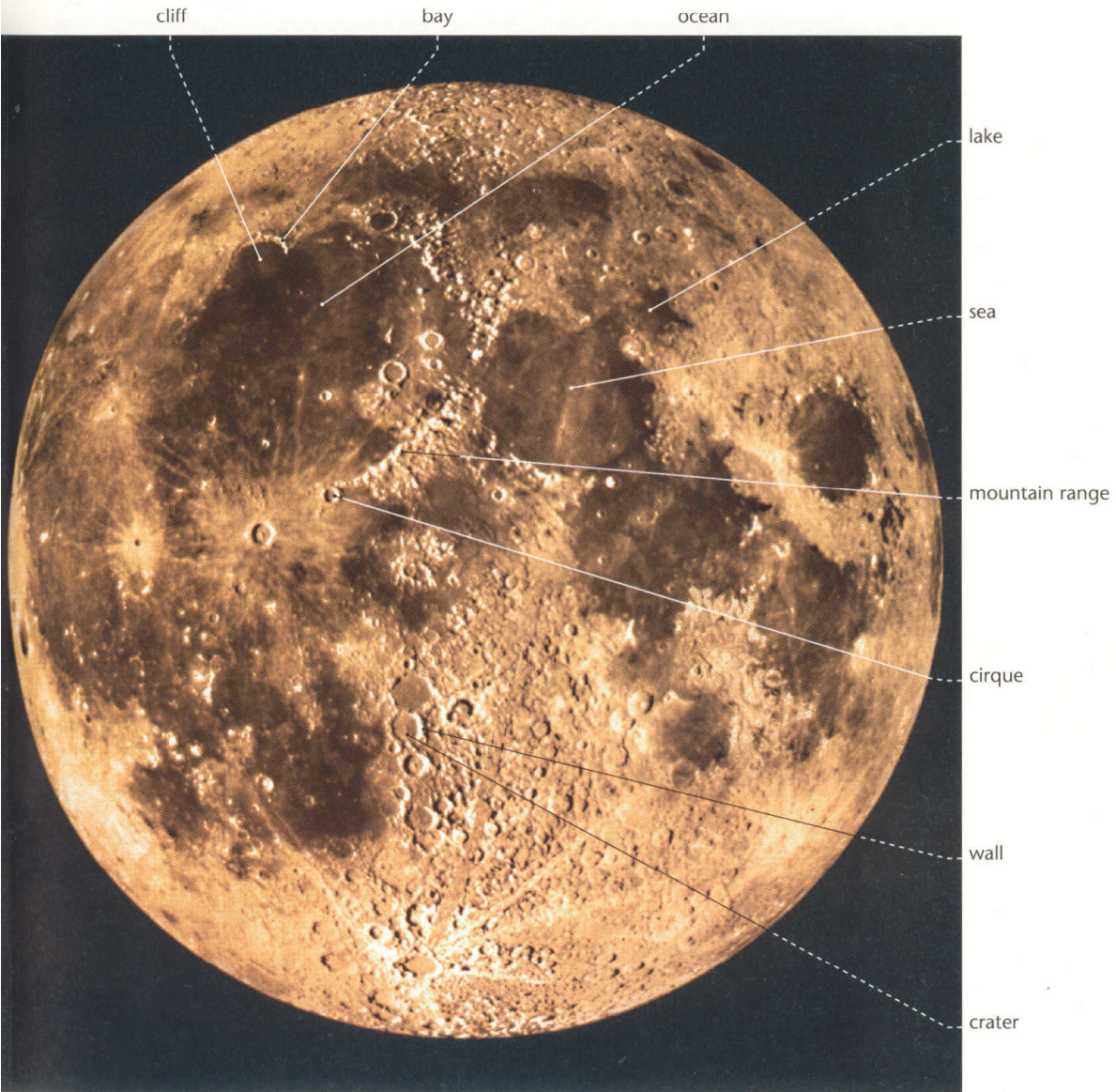
waxing gibbous



MOON



LUNAR FEATURES



full moon

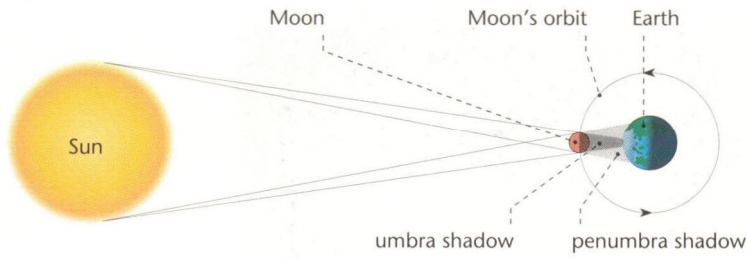
waning gibbous

last quarter

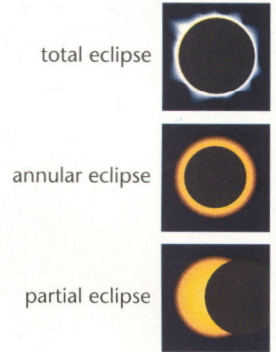
old crescent



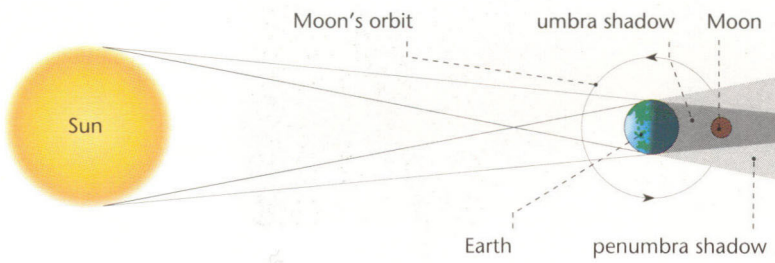
SOLAR ECLIPSE



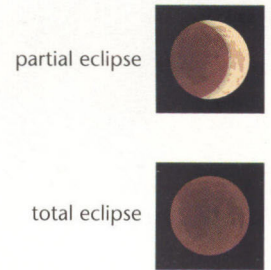
TYPES OF ECLIPSES



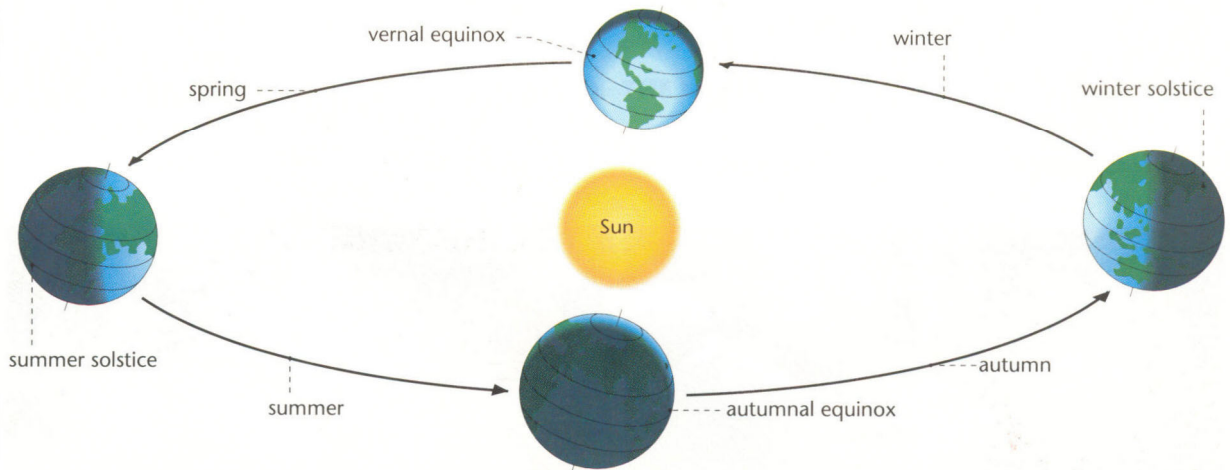
LUNAR ECLIPSE



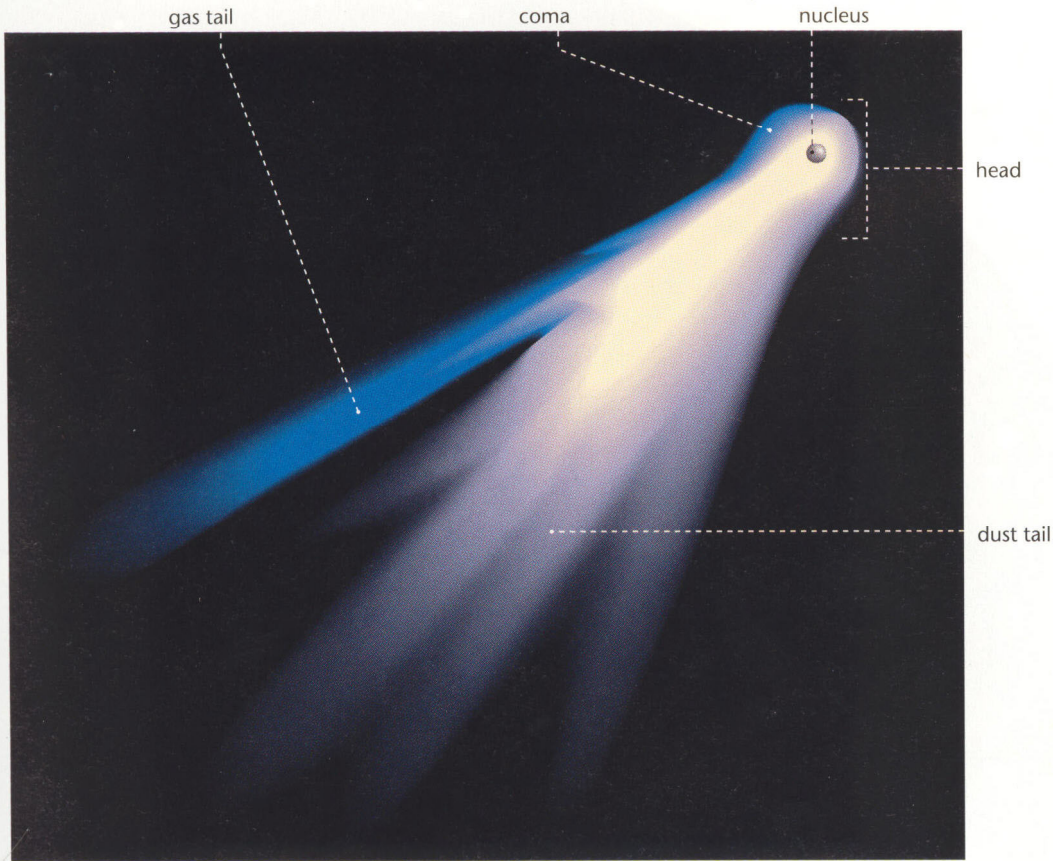
TYPES OF ECLIPSES



SEASONS OF THE YEAR



COMET



GALAXY

HUBBLE'S CLASSIFICATION



elliptical galaxy



lenticular galaxy



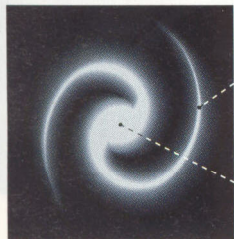
spiral galaxy



barred spiral galaxy

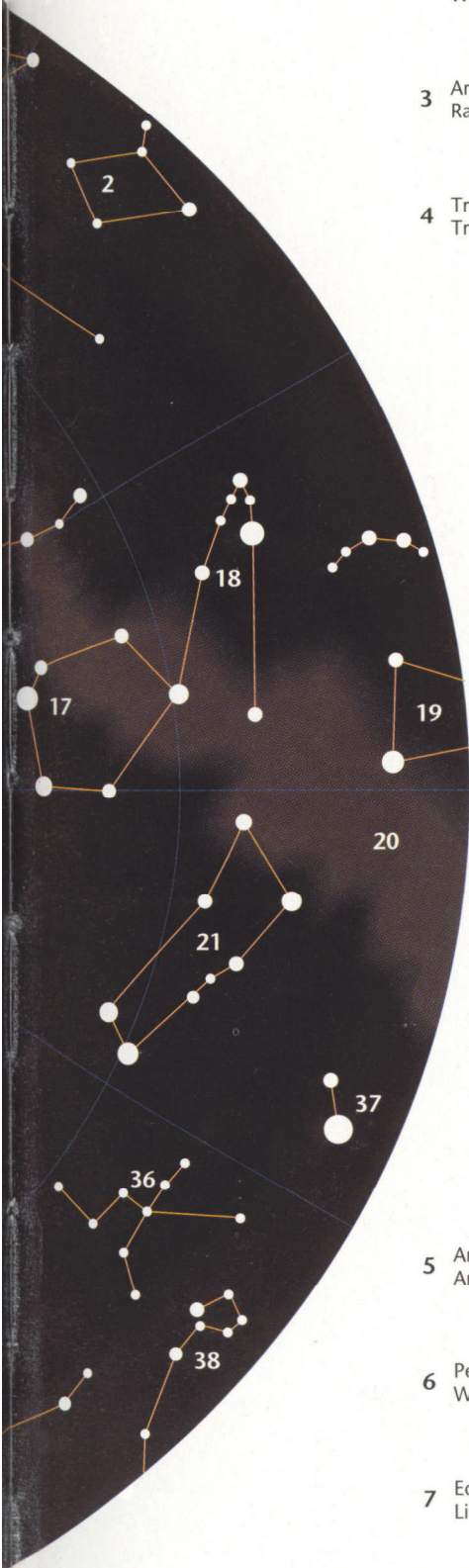


irregular galaxy



CONSTELLATIONS OF THE NORTHERN HEMISPHERE





1 Pisces
Fishes

2 Cetus
Whale

3 Aries
Ram

4 Triangulum
Triangle

5 Andromeda
Andromeda

6 Pegasus
Winged Horse

7 Equuleus
Little Horse

8 Delphinus
Dolphin

9 Aquila
Eagle

10 Sagitta
Arrow

11 Cygnus
Swan

12 Lacerta
Lizard

13 Cepheus
King

14 Cassiopeia
Lady in the Chair

15 Camelopardus
Giraffe

16 Perseus
Perseus

17 Auriga
Charioteer

18 Taurus
Bull

19 Orion
Hunter

20 The Milky Way

21 Gemini
Twins

22 Lynx
Lynx

23 Polaris
North Star

24 Ursa Minor
Little Bear

25 Draco
Dragon

26 Lyra
Lyre

27 Hercules
Hercules

28 Ophiuchus
Serpent Bearer

29 Serpens
Serpent

30 Corona Borealis
Northern Crown

31 Bootes
Herdsman

32 Coma Berenices
Berenice's Hair

33 Canes Venatici
Hunting Dogs

34 Ursa Major
Great Bear

35 Leo Minor
Little Lion

36 Cancer
Crab

37 Canis Minor
Little Dog

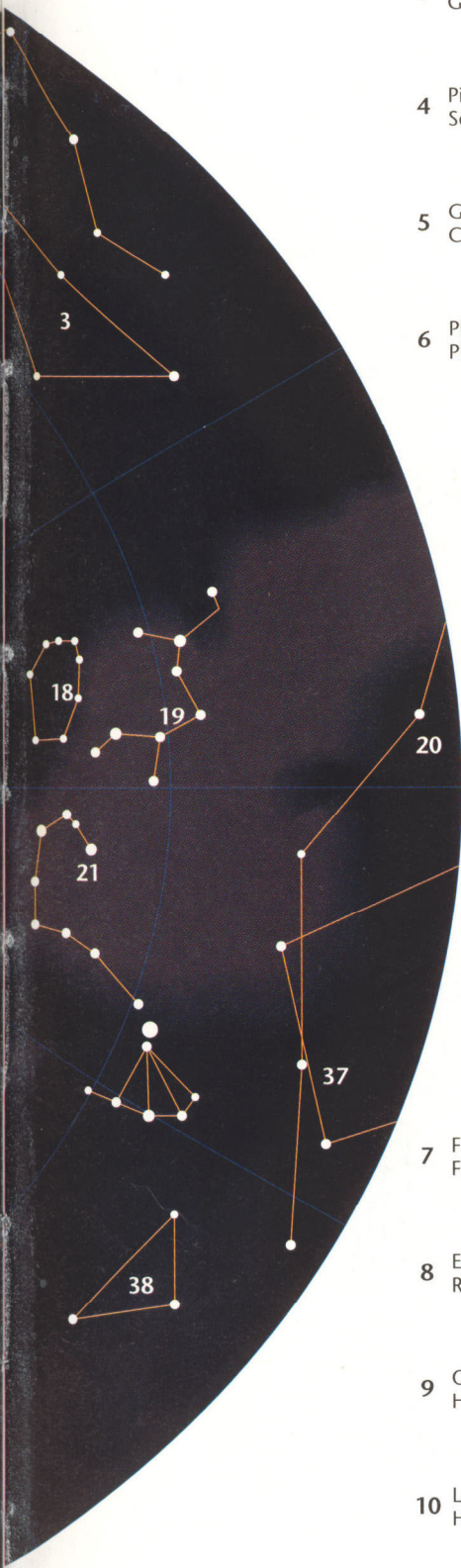
38 Hydra
Water Snake

39 Leo
Lion

40 Virgo
Virgin

CONSTELLATIONS OF THE SOUTHERN HEMISPHERE





1 Cetus
Whale

2 Aquarius
Water Bearer

12 Dorado
Swordfish

28 Pictor
Painter's Easel

3 Capricornus
Goat

13 Reticulum
Net

29 Columba
Dove

4 Piscis Austrinus
Southern Fish

14 Hydrus
Sea-Serpent

30 Canis Major
Great Dog

5 Grus
Crane

15 Tucana
Toucan

31 Puppis
Ship's Stern

6 Phoenix
Phoenix

16 Pavo
Peacock

32 Pyxis
Ship's Compass

17 Indus
Indian

33 Carina
Ship's Keel

18 Corona Australis
Southern Crown

34 Vela
Ship's Sails

19 Sagittarius
Archer

35 Crux
Southern Cross

20 Serpens
Serpent

36 Centaurus
Centaur

21 Scorpius
Scorpion

37 Ophiuchus
Serpent Bearer

22 Ara
Altar

38 Libra
Scales

23 Triangulum Australe
Southern Triangle

39 Hydra
Water Snake

8 Eridanus
River Eridanus

24 Apus
Bird of Paradise

40 Corvus
Crow

9 Orion
Hunter

25 Musca
Fly

41 Virgo
Virgin

10 Lepus
Hare

26 Chamaeleon
Chameleon

42 Crater
Cup

11 Caelum
Chisel

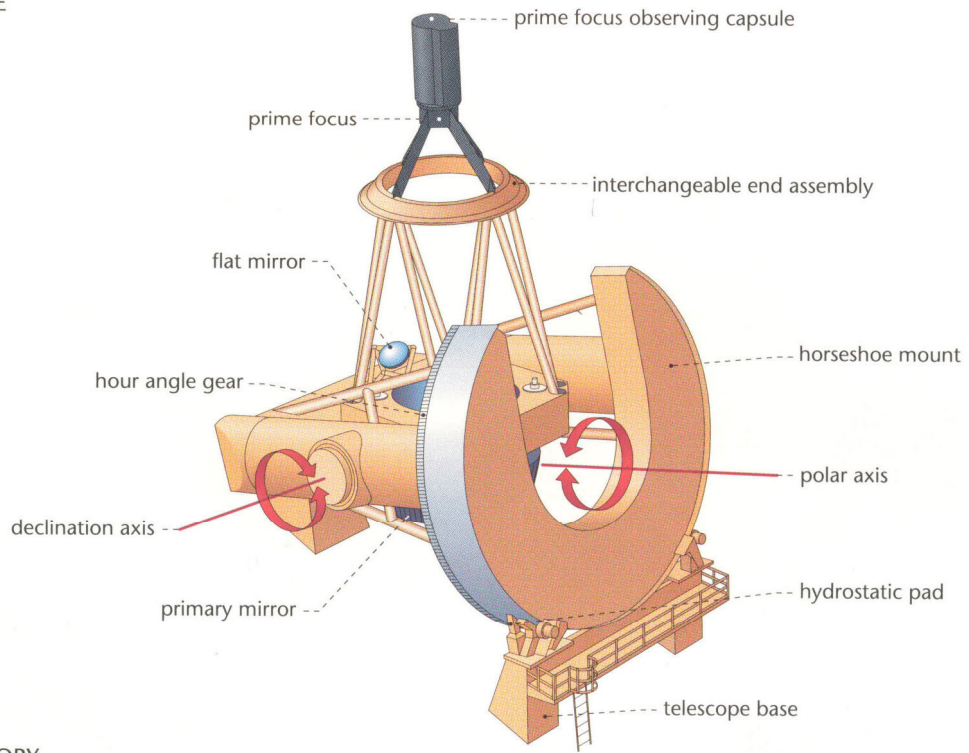
27 Volans
Flying Fish

43 Sextans
Sextant

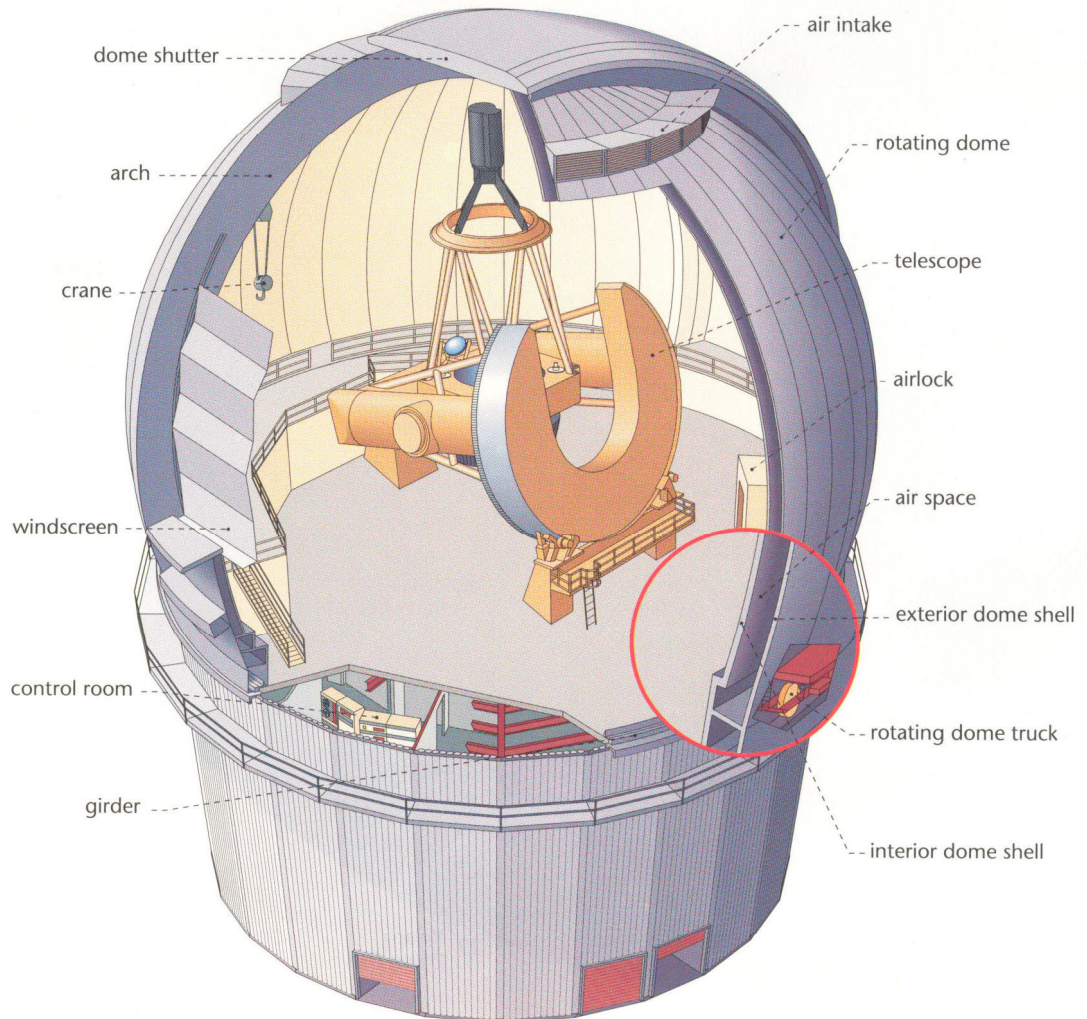


ASTRONOMICAL OBSERVATORY

TELESCOPE

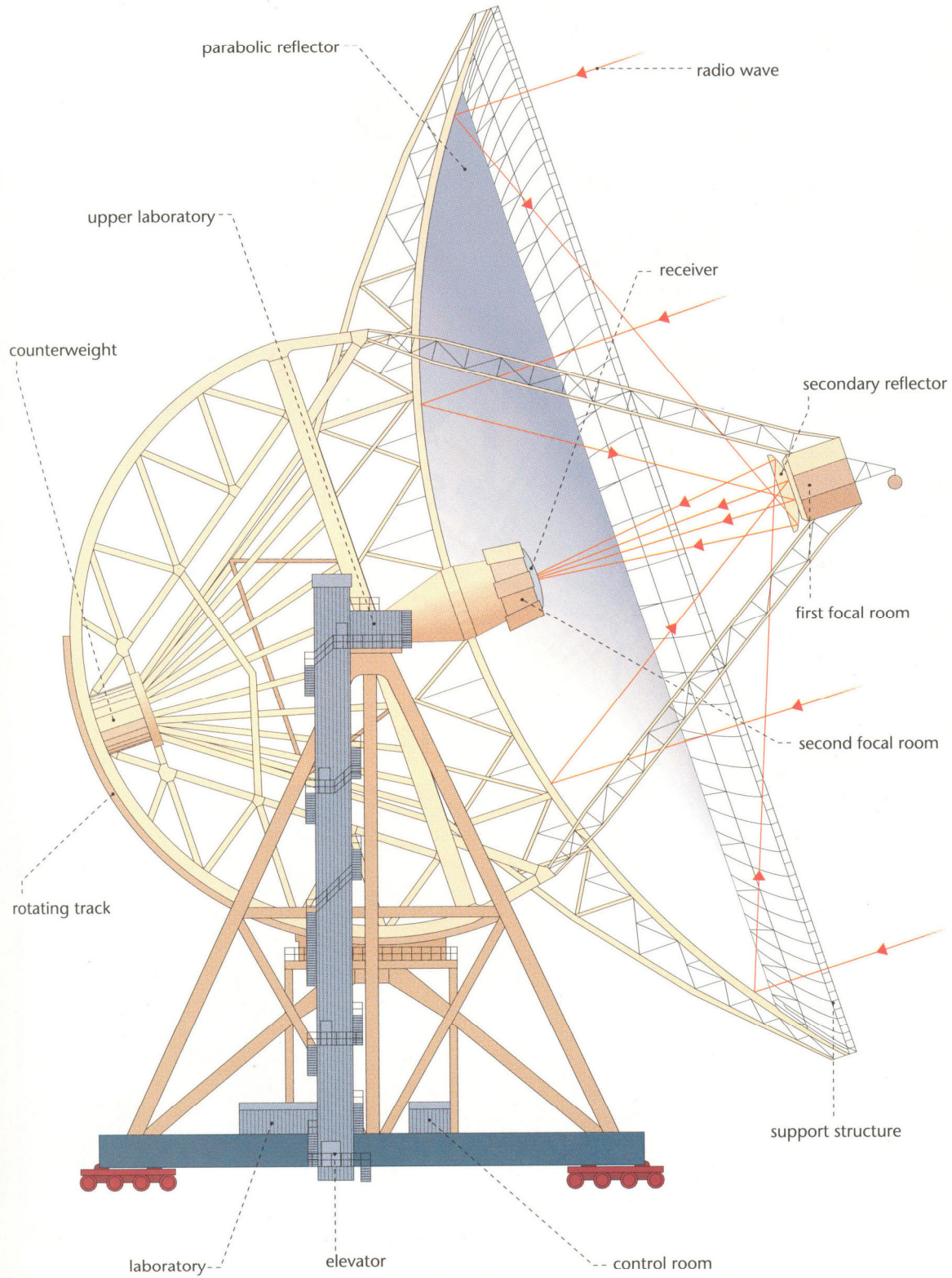


OBSERVATORY

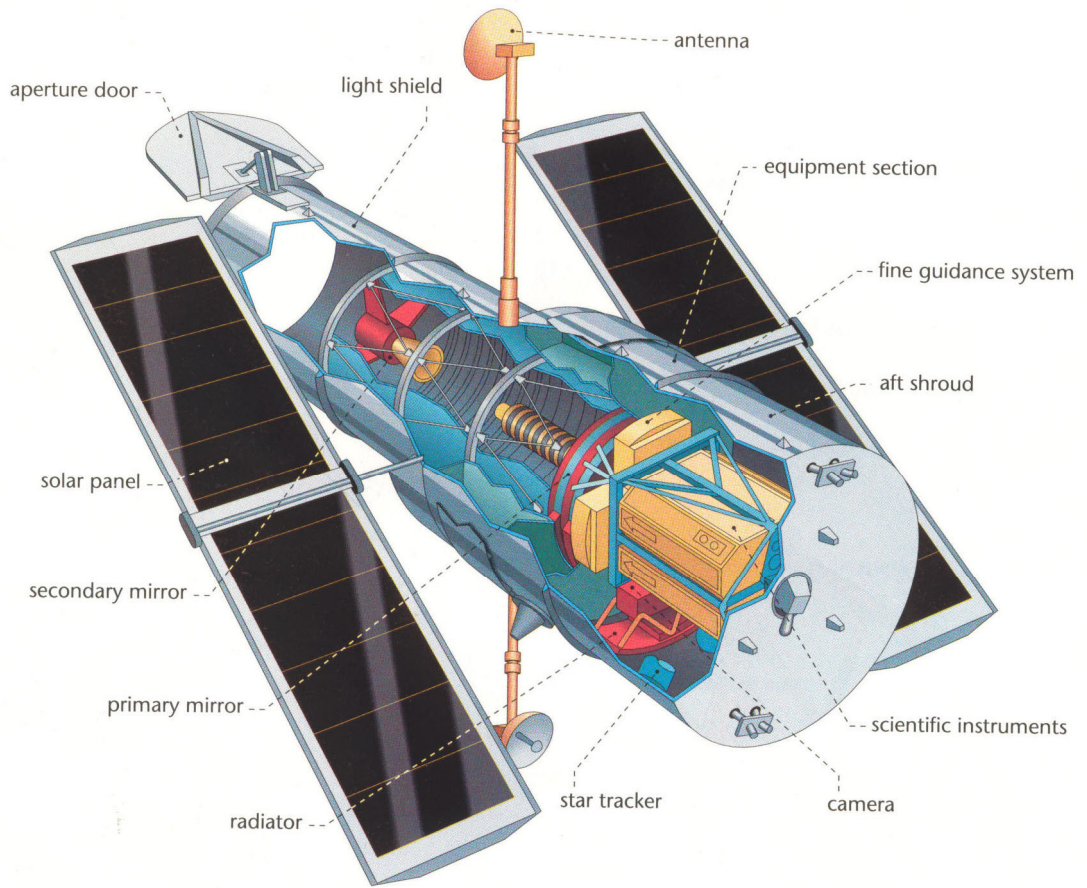


RADIO TELESCOPE

ALTAZIMUTH MOUNTING



HUBBLE SPACE TELESCOPE



PLANETARIUM

