1-8 atom models

1 model of the hydrogen (H) atom

2 atomic nucleus, a proton

3 electron

4 electron spin

5 model of the helium (He) atom

6 electron shell

Pauli exclusion principle (exclusion principle, Pauli principle)

8 complete electron shell of the Na atom (sodium atom)

9-14 molecular structures (lattice structures)

9 crystal of sodium chloride (of common salt)

10 chlorine ion

11 sodium ion

12 crystal of cristobalite

13 oxygen atom 14 silicon atom

15 energy levels (possible quantum jumps) of the hydrogen atom

16 atomic nucleus (proton)

17 electron

18 ground state level

19 excited state

20-25 quantum jumps (quantum transitions)

20 Lyman series

21 Balmer series

22 Paschen series

23 Brackett series

24 Pfund series

25 free electron

26 Bohr-Sommerfeld model of the H atom

27 energy levels of the electron

28 spontaneous decay of radioactive material

29 atomic nucleus

30-31 alpha particle (α, alpha radiation, helium nucleus)

30 neutron

31 proton

32 beta particle (β, beta radiation, electron)

33 gamma radiation (y, a hard X-radiation)

34 nuclear fission:

35 heavy atomic nucleus

36 neutron bombardment

37-38 fission fragments

39 released neutron

40 gamma radiation (γ)

41 chain reaction

42 incident neutron

43 nucleus prior to fission 44 fission fragment

45 released neutron

46 repeated fission

47 fission fragment

48 controlled chain reaction in a nuclear reactor

49 atomic nucleus of a fissionable element

50 neutron bombardment

51 fission fragment (new atomic nucleus)

52 released neutron

53 absorbed neutrons

54 moderator, a retarding layer of graphite

55 extraction of heat (production of energy)

56 X-radiation

57 concrete and lead shield

58 bubble chamber for showing the tracks of high-energy ionizing particles

59 light source

60 camera

61 expansion line 62 path of light rays

63 magnet

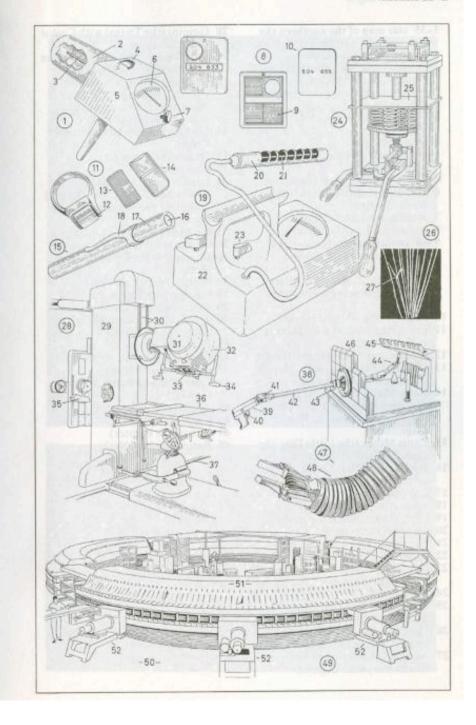
64 beam entry point

65 reflector 66 chamber

Ó

- 1-23 radiation detectors (radiation meters)
- 1 radiation monitor
- 2 ionization chamber (ion chamber)
- 3 central electrode
- 4 measurement range selector
- 5 instrument housing
- 6 meter
- 7 zero adjustment
- 8-23 dosimeter (dosemeter)
- 8 film dosimeter
- 9 filter
- 10 film
- 11 film-ring dosimeter
- 12 filter
- 13 film
- 14 cover with filter
- 15 pocket meter (pen meter, pocket chamber)
- 16 window
- 17 ionization chamber (ion chamber)
- 18 clip (pen clip)
- 19 Geiger counter (Geiger-Müller counter)
- 20 counter tube casing
- 21 counter tube
- 22 instrument housing
- 23 measurement range selector
- 24 Wilson cloud chamber (Wilson chamber)
- 25 compression plate
- 26 cloud chamber photograph
- 27 cloud chamber track of an alpha particle
- 28 telecobalt unit (coll. cobalt bomb)
- 29 pillar stand
- 30 support cables
- 31 radiation shield (radiation shielding)
- 32 sliding shield
- 33 bladed diaphragm
- 34 light-beam positioning device
- 35 pendulum device (pendulum)
- 36 irradiation table
- 37 rail (track)
- 38 manipulator with sphere unit (manipulator)
- 39 handle
- 40 safety catch (locking lever)
- 41 wrist joint

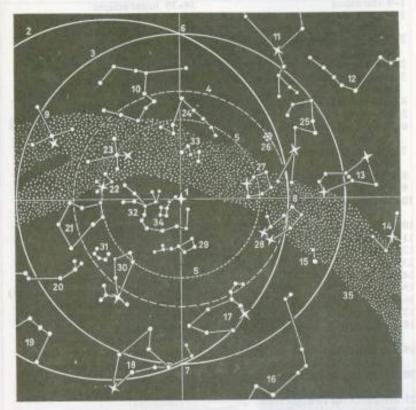
- 42 master arm
- 43 clamping device (clamp)
- 44 tongs
- 45 slotted board
- 46 radiation shield (protective shield, protective shielding), a lead shielding wall [section]
- 47 grasping arm of a pair of manipulators (of a master/slave manipulator)
- 48 dust shield
- 49 cyclotron
- 50 danger zone
- 51 magnet
- 52 pumps for emptying the vacuum chamber

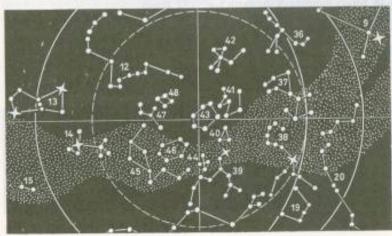


3 Astronomy I

- 1-35 star map of the northern sky (northern hemisphere)
- 1-8 divisions of the sky
- 1 celestial pole with the Pole Star (Polaris, the North Star)
- 2 ecliptic (apparent annual path of the sun)
- 3 celestial equator (equinoctial line)
- 4 tropic of Cancer
- 5 circle enclosing circumpolar
- 6-7 equinoctial points (equinoxes)
- 6 vernal equinoctial point (first point of Aries)
- 7 autumnal equinoctial point
- 8 summer solstice (solstice)
- 9-48 constellations (grouping of fixed stars into figures) and names of stars
- 9 Aquila (the Eagle) with Altair the principal star (the brightest star)
- 10 Pegasus (the Winged Horse) 11 Cetus (the Whale) with Mira, a variable star
- 12 Eridamus (the Celestial River)
- 13 Orion (the Hunter) with Rigel, Betelgeuse and Bellatrix
- 14 Canis Major (the Great Dog, the Greater Dog) with Sirius (the Dog Star), a star of the first magnitude
- 15 Canis Minor (the Little Dog, the Lesser Dog) with Procyon
- 16 Hydra (the Water Snake, the Sea Serpent)
- 17 Leo (the Lion)
- 18 Virgo (the Virgin) with Spica
- 19 Libra (the Balance, the Scales)
- 20 Serpens (the Serpent)
- 21 Hercules
- 22 Lyra (the Lyre) with Vega
- 23 Cygnus (the Swan, the Northern Cross) with Deneb
- 24 Andromeda
- 25 Taurus (the Bull) with Aldebaran
- 26 The Pleiades (Pleiads, the Seven Sisters), an open cluster of stars
- 27 Auriga (the Wagoner, the Charioteer) with Capella

- 28 Gemini (the Twins) with Castor and Pollux
- 29 Ursa Major (the Great Bear, the Greater Bear, the Plough, Charles's Wain, Am. the Big. Dipper) with the double star (binary star) Mizar and Alcor
- 30 Boötes (the Herdsman)
- 31 Corona Borealis (the Northern Crown)
- 32 Draco (the Dragon)
- 33 Cassiopeia
- 34 Ursa Minor (the Little Bear, Lesser Bear, Am. Little Dipper) with the Pole Star (Polaris, the North Star)
- 35 the Milky Way (the Galaxy)
- 36-48 the southern sky
- 36 Capricorn (the Goat, the Sea Goat)
- 37 Sagittarius (the Archer)
- 38 Scorpio (the Scorpion)
- 39 Centaurus (the Centaur)
- 40 Triangulum Australe (the Southern Triangle)
- 41 Pavo (the Peacock)
- 42 Grus (the Crane)
- 43 Octans (the Octant)
- 44 Crux (the Southern Cross, the Cross)
- 45 Argo (the Celestial Ship) 46 Carina (the Keel)
- 47 Pictor (the Painter)
- 48 Reticulum (the Net)





1-9 the moon

1 moon's path (moon's orbit round the earth)

2-7 lunar phases (moon's phases, lunation)

2 new moon

3 crescent (crescent moon, waxing moon)

4 half-moon (first quarter)

5 full moon

6 half-moon (last quarter, third quarter)

7 crescent (crescent moon, waning moon)

8 the earth (terrestrial globe)

9 direction of the sun's rays

10-21 apparent path of the sun at the beginning of the seasons

10 celestial axis

11 zenith

12 horizontal plane

13 nadir

14 east point

15 west point

16 north point

17 south point

18 apparent path of the sun on 21 December

19 apparent path of the sun on 21 March and 23 September

20 apparent path of the sun on 21 June

21 border of the twilight area

22-28 rotary motions of the earth's axis

22 axis of the ecliptic

23 celestial sphere

24 path of the celestial pole (precession and nutation)

25 instantaneous axis of rotation

26 celestial pole

27 mean axis of rotation

28 polhode

29-35 solar and lunar eclipse [not to scale]

29 the sun

30 the earth

31 the moon

32 solar eclipse

33 area of the earth in which the eclipse appears total

34-35 lunar eclipse

34 penumbra (partial shadow)

35 umbra (total shadow)

36-41 the sun

36 solar disc (disk) (solar globe, solar sphere)

37 sunspots

38 cyclones in the area of sunspots

39 corona (solar corona), observable during total solar eclipse or by means of special instruments

40 prominences (solar prominences)

41 moon's limb during a total solar eclipse

42-52 planets (planetary system, solar system) [not to scale] and planet symbols

42 the sun

43 Mercury

44 Venus

45 Earth, with the moon, a satellite

46 Mars, with two moons (satellites)

47 asteroids (minor planets)

48 Jupiter, with 14 moons (satellites)

49 Saturn, with 10 moons (satellites)

50 Uranus, with five moons (satellites)

51 Neptune, with two moons (satellites)

52 Pluto

53-64 signs of the zodiac (zodiacal signs)

53 Aries (the Ram)

54 Taurus (the Bull) 55 Gemini (the Twins)

56 Cancer (the Crab)

57 Leo (the Lion)

58 Virgo (the Virgin)

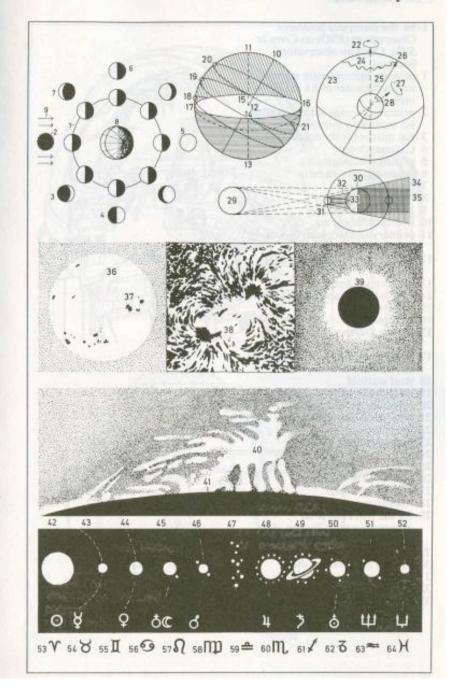
59 Libra (the Balance, the Scales)

60 Scorpio (the Scorpion) 61 Sagittarius (the Archer)

62 Capricorn (the Goat, the Sea Goat)

63 Aquarius (the Water Carrier, the Water Bearer)

64 Pisces (the Fish)



1-16 the European Southern Observatory (ESO) on Cerro la Silla, Chile, an observatory [section]

1 primary mirror (main mirror) with a diameter of 3.6 m (144 inches)

2 prime focus cage with mounting for secondary mirrors

3 flat mirror for the coudé ray path

4 Cassegrain cage

5 grating spectrograph

6 spectrographic camera

7 hour axis drive

8 hour axis

9 horseshoe mounting

10 hydrostatic bearing

11 primary and secondary focusing devices

12 observatory dome (revolving dome)

13 observation opening 14 vertically movable dome shutter

15 wind screen

16 siderostat

17-28 the Stuttgart Planetarium [section]

17 administration, workshop, and store area

18 steel scaffold

19 glass pyramid

20 revolving arched ladder

21 projection dome

22 light stop

23 planetarium projector

24 well

25 foyer

26 theatre (Am. theater) 27 projection booth

28 foundation pile

29-33 the Kitt Peak solar observatory near Tucson, Ariz. [section]

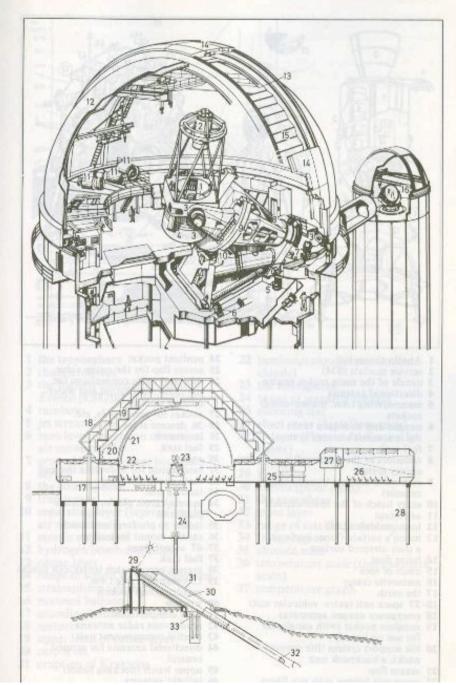
29 heliostat

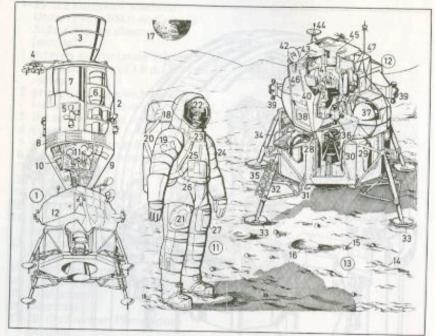
30 sunken observation shaft

31 water-cooled windshield

32 concave mirror

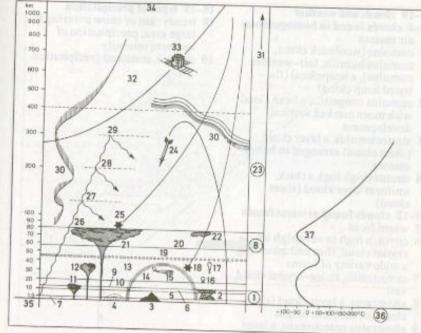
33 observation room housing the spectrograph





- 1 Apollo spacecraft
- 2 service module (SM)
- 3 nozzle of the main rocket engine
- 4 directional antenna
- 5 manoeuvring (Am. maneuvering) rockets
- 6 oxygen and hydrogen tanks for the spacecraft's energy system
- 7 fuel tank
- 8 radiators of the spacecraft's energy system
- 9 command module (Apollo space capsule)
- 10 entry hatch of the space capsule
- II astronaut
- 12 lunar module (LM)
- 13 moon's surface (lunar surface). a dust-covered surface
- 14 lunar dust
- 15 piece of rock
- 16 meteorite crater
- 17 the earth
- 18-27 space suit (extra-vehicular suit)
- 18 emergency oxygen apparatus
- 19 sunglass pocket (with sunglasses for use on board1
- 20 life support system (life support pack), a backpack unit
- 21 access flap
- 22 space suit helmet with sun filters
- 23 control box of the life support pack

- 24 penlight pocket
- 25 access flap for the purge valve
- 26 tube and cable connections for the radio, ventilation and watercooling systems
- 27 pocket for pens, tools, etc.
- 28-36 descent stage
- 28 connector
- 29 fuel tank
- 30 engine
- 31 mechanism for unfolding the legs
- 32 main shock absorber
- 33 landing pad
- 34 ingress/egress platform (hatch platform)
- 35 ladder to platform and hatch
- 36 cardan mount for engine
- 37-47 ascent stage
- 37 fuel tank
- 38 ingress/egress hatch (entry/exit hatch)
- 39 LM manoeuvring (Am. maneuvering) rockets
- 40 window
- 41 crew compartment
- 42 rendezvous radar antenna
- 43 inertial measurement unit
- 44 directional antenna for ground control
- 45 upper hatch (docking hatch)
- 46 inflight antenna
- 47 docking target recess



- 1 the troposphere
- 2 thunderclouds
- 3 the highest mountain, Mount Everest [8,882m]
- 4 rainbow
- 5 jet stream level
- 6 zero level (inversion of vertical air movement)
- 7 ground layer (surface boundary laver)
- 8 the stratosphere
- 9 tropopause
- 10 separating layer (layer of weaker air movement)
- 11 atomic explosion
- 12 hydrogen bomb explosion
- 13 ozone laver
- 14 range of sound wave propagation
- 15 stratosphere aircraft
- 16 manned balloon
- 17 sounding balloon
- 18 meteor
- 19 upper limit of ozone layer
- 20 zero level
- 21 eruption of Krakatoa

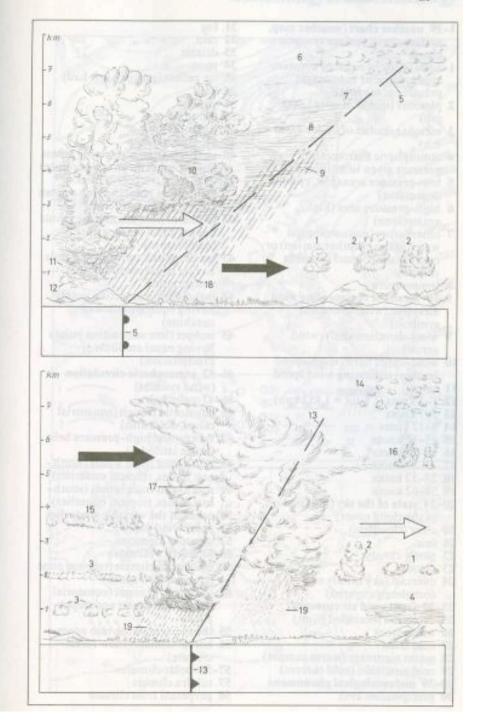
- 22 luminous clouds (noctilucent clouds)
- 23 the ionosphere
- 24 range of research rockets
- 25 shooting star
- 26 short wave (high frequency)
- 27 E-layer (Heaviside-Kennelly Laver)
- 28 Fi-layer
- 29 F2-layer
- 30 aurora (polar light)
- 31 the exosphere
- 32 atom layer
- 33 range of satellite sounding 34 fringe region
- 35 altitude scale
- 36 temperature scale (thermometric scale)
- 37 temperature graph

1-19 clouds and weather 1-4 clouds found in homogeneous

- air masses

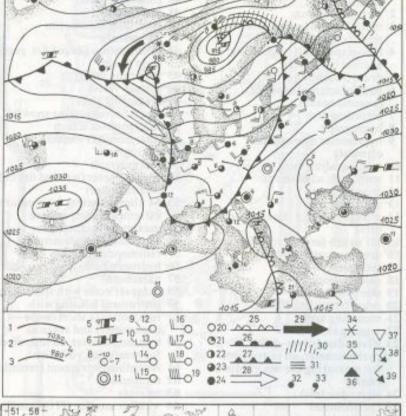
 1 cumulus (woolpack cloud, cumulus humilis, fair-weather cumulus), a heap cloud (flat-based heap cloud)
- 2 cumulus congestus, a heap cloud with more marked vertical development
- 3 stratocumulus, a layer cloud (sheet cloud) arranged in heavy masses
- 4 stratus (high fog), a thick, uniform layer cloud (sheet cloud)
- 5-12 clouds found at warm fronts
- 5 warm front
- 6 cirrus, a high to very high icecrystal cloud, thin and assuming a wide variety of forms
- 7 cirrostratus, an ice-crystal cloud veil
- 8 altostratus, a layer cloud (sheet cloud) of medium height
- 9 altostratus praecipitans, a layer cloud (sheet cloud) with precipitation in its upper parts
- 10 nimbostratus, a rain cloud, a layer cloud (sheet cloud) of very large vertical extent which produces precipitation (rain or snow)
- 11 fractostratus, a ragged cloud occurring beneath nimbostratus
- 12 fractocumulus, a ragged cloud like 11 but with billowing shapes
- 13-17 clouds at cold fronts
- 13 cold front
- 14 cirrocumulus, thin fleecy cloud in the form of globular masses; covering the sky: mackerel sky
- 15 altocumulus, a cloud in the form of large globular masses
- 16 altocumulus castellanus and altocumulus floccus, species of 15
- 17 cumulonimbus, a heap cloud of very large vertical extent, to be classified under 1-4 in the case of tropical storms

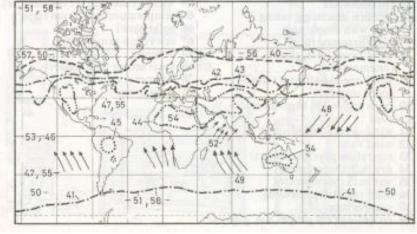
- 18-19 types of precipitation
- 18 steady rain or snow covering a large area, precipitation of uniform intensity
- 19 shower, scattered precipitation



- 1-39 weather chart (weather map. surface chart, surface synoptic chart)
- 1 isobar (line of equal or constant atmospheric or barometric pressure at sea level)
- 2 pleiobar (isobar of over 1,000
- 3 meiobar (isobar of under 1,000
- 4 atmospheric (barometric) pressure given in millibars
- 5 low-pressure area (low, cyclone, depression)
- 6 high-pressure area (high, anticyclone)
- 7 observatory (meteorological watch office, weather station) or ocean station vessel (weather ship)
- 8 temperature
- 9-19 means of representing wind direction (wind-direction symbols)
- 9 wind-direction shaft (wind arrow)
- 10 wind-speed barb (wind-speed feather) indicating wind speed
- 11 calm
- 12 1-2 knots (1 knot = 1.852 kph)
- 13 3-7 knots
- 14 8-12 knots
- 15 13-17 knots
- 16 18-22 knots 17 23-27 knots
- 18 28-32 knots
- 19 58-62 knots
- 20-24 state of the sky (distribution of the cloud cover)
- 20 clear (cloudless)
- 21 fair
- 22 partly cloudy
- 23 cloudy
- 24 overcast (sky mostly or completely covered)
- 25-29 fronts and air currents
- 25 occlusion (occluded front)
- 26 warm front
- 27 cold front
- 28 warm airstream (warm current)
- 29 cold airstream (cold current)
- 30-39 meteorological phenomena
- 30 precipitation area

- 32 rain
- 33 drizzle
- 34 snow
- 35 ice pellets (graupel, soft hail)
- 36 hail
- 37 shower
- 38 thunderstorm
- 39 lightning
- 40-58 climatic map
- 40 isotherm (line connecting points having equal mean temperature)
- 41 0°C (zero) isotherm (line connecting points having a mean annual temperature of 0 °C)
- 42 isocheim (line connecting points having equal mean winter temperature)
- 43 isothere (line connecting points having equal mean summer temperature)
- 44 isohel (line connecting points having equal duration of sunshine)
- 45 isohyet (line connecting points having equal amounts of precipitation)
- 46-52 atmospheric circulation (wind systems)
- 46-47 calm belts
- 46 equatorial trough (equatorial calms, doldrums)
- 47 subtropical high-pressure belts (horse latitudes)
- 48 north-east trade winds (northeast trades, tropical easterlies)
- south-east trade winds (southeast trades, tropical easterlies)
- 50 zones of the variable westerlies
- 51 polar wind zones
- 52 summer monsoon
- 53-58 earth's climates
- 53 equatorial climate: tropical zone (tropical rain zone)
- 54 the two arid zones (equatorial dry zones): desert and steppe
- 55 the two temperate rain zones
- 56 boreal climate (snow forest climate)
- 57-58 polar climates
- 57 tundra climate 58 perpetual frost climate

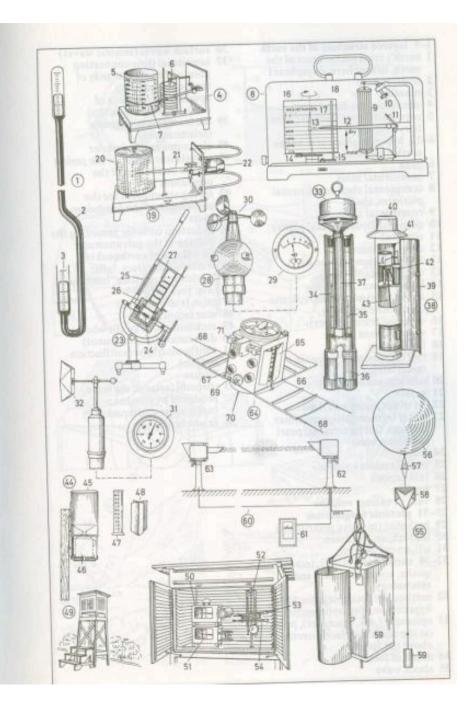




10 Meteorological Instruments

- mercury barometer, a siphon barometer, a liquid-column barometer
- 2 mercury column
- 3 millibar scale (millimetre, Am. millimeter, scale)
- 4 barograph, a self-registering aneroid barometer
- 5 drum (recording drum)
- 6 bank of aneroid capsules (aneroid boxes)
- 7 recording arm
- 8 hygrograph
- 9 hygrometer element (hair element)
- 10 reading adjustment
- 11 amplitude adjustment
- 12 recording arm
- 13 recording pen
- 14 change gears for the clockwork drive
- 15 off switch for the recording arm
- 16 drum (recording drum)
- 17 time scale
- 18 case (housing)
- 19 thermograph
- 20 drum (recording drum)
- 21 recording arm 22 sensing element
- 23 silver-disc (silver-disk) pyrheliometer, an instrument for measuring the sun's radiant
- 24 silver disc (disk)
- 25 thermometer
- 26 wooden insulating casing
- 27 tube with diaphragm (diaphragmed tube)
- 28 wind gauge (Am. gage) (anemometer)
- 29 wind-speed indicator (windspeed meter)
- 30 cross arms with hemispherical cups
- 31 wind-direction indicator
- 32 wind vane
- 33 aspiration psychrometer
- 34 dry bulb thermometer
- 35 wet bulb thermometer
- 36 solar radiation shielding
- 37 suction tube
- 38 recording rain gauge (Am. gage)

- 39 protective housing (protective casing)
- 40 collecting vessel
- 41 rain cover
- 42 recording mechanism
- 43 siphon tube
- 44 precipitation gauge (Am. gage) (rain gauge)
- 45 collecting vessel
- 46 storage vessel
- 47 measuring glass
- 48 insert for measuring snowfall
- 49 thermometer screen (thermometer shelter)
- 50 hygrograph
- 51 thermograph
- 52 psychrometer (wet and dry bulb thermometer)
- 53-54 thermometers for measuring extremes of temperature
- 53 maximum thermometer
- 54 minimum thermometer
- 55 radiosonde assembly
- 56 hydrogen balloon
- 57 parachute
- 58 radar reflector with spacing lines
- 59 instrument housing with radiosonde (a short-wave transmitter) and antenna
- 60 transmissometer, an instrument for measuring visibility
- 61 recording instrument (recorder)
- 62 transmitter
- 63 receiver
- 64 weather satellite (ITOS satellite)
- 65 temperature regulation flaps
- 66 solar panel
- 67 television camera
- 68 antenna
- 69 solar sensor (sun sensor)
- 70 telemetry antenna
- 71 radiometer

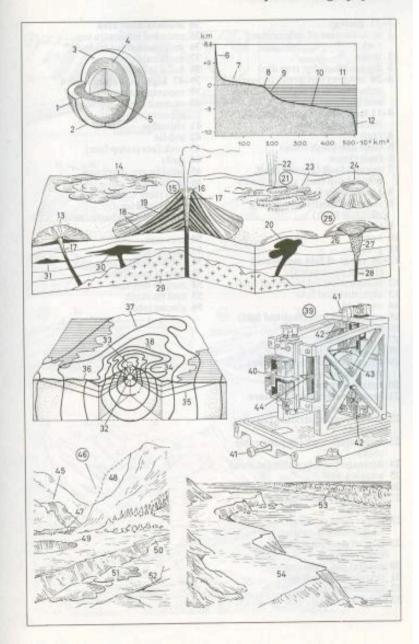


11 Physical Geography I

- 1-5 layered structure of the earth 1 earth's crust (outer crust of the
- earth, lithosphere, oxysphere)

 2 hydrosphere
- 3 mantle
- 4 sima (intermediate layer)
- 5 core (earth core, centrosphere, barysphere)
- 6-12 hypsographic curve of the earth's surface
- 6 peak
- 7 continental mass
- 8 continental shelf (continental platform, shelf)
- 9 continental slope
- 10 deep-sea floor (abyssal plane)
- 11 sea level
- 12 deep-sea trench
- 13-28 volcanism (vulcanicity)
- 13 shield volcano
- 14 lava plateau
- 15 active volcano, a stratovolcano (composite volcano)
- 16 volcanic crater (crater)
- 17 volcanic vent
- 18 lava stream
- 19 tuff (fragmented volcanic material)
- 20 subterranean volcano
- 21 geyser
- 22 jet of hot water and steam
- 23 sinter terraces (siliceous sinter terraces, fiorite terraces, pearl sinter terraces)
- 24 cone
- 25 maar (extinct volcano)
- 26 tuff deposit
- 27 breccia
- 28 vent of extinct volcano
- 29-31 plutonic magmatism
- 29 batholite (massive protrusion)
- 30 lacolith, an intrusion
- 31 sill, an ore deposit
- 32-38 earthquake (kinds: tectonic quake, volcanic quake) and seismology
- 32 earthquake focus (seismic focus, hypocentre, Am. hypocenter)
- 33 epicentre (Am. epicenter), point on the earth's surface directly above the focus
- 34 depth of focus
- 35 shock wave

- 36 surface waves (seismic waves)
- 37 isoseismal (line connecting points of equal intensity of earthquake shock)
- 38 epicentral area (area of macroseismic vibration)
- 39 horizontal seismograph (seismometer)
- 40 electromagnetic damper
- 41 adjustment knob for the period of free oscillation of the pendulum
- 42 spring attachment for the suspension of the pendulum
- 43 mass
- 44 induction coils for recording the voltage of the galvanometer
- 45-54 effects of earthquakes
- 45 waterfall (cataract, falls)
- 46 landslide (rockslide, landslip, Am. rock slip)
- 47 talus (rubble, scree)
- 48 scar (scaur, scaw)
- 49 sink (sinkhole, swallowhole)
- 50 dislocation (displacement)
- 51 solifluction lobe (solifluction tongue)
- 52 fissure
- 53 tsunami (seismic sea wave) produced by seaquake (submarine earthquake)
- 54 raised beach



1-33 geology

1 stratification of sedimentary rock

2 strike

3 dip (angle of dip, true dip)

4-20 orogeny (orogenis, tectogenis, deformation of rocks by folding and faulting)

4-11 fault-block mountains (block mountains)

4 fault

5 fault line (fault trace)

6 fault throw

7 normal fault (gravity fault, normal slip fault, slump fault)

8-11 complex faults

8 step fault (distributive fault, multiple fault)

9 tilt block

10 horst

11 graben

12-20 range of fold mountains (folded mountains)

12 symmetrical fold (normal fold)

13 asymmetrical fold

14 overfold

15 recumbent fold (reclined fold)

16 saddle (anticline) 17 anticlinal axis

18 trough (syncline)

19 trough surface (trough plane, synclinal axis)

20 anticlinorium

21 groundwater under pressure (artesian water)

22 water-bearing stratum (aquifer, aquafer)

23 impervious rock (impermeable rock)

24 drainage basin (catchment area)

25 artesian well

26 rising water, an artesian spring

27 petroleum reservoir in an anticline

28 impervious stratum (impermeable stratum)

29 porous stratum acting as reservoir rock

30 natural gas, a gas cap

31 petroleum (crude oil)

32 underlying water

33 derrick

34 mountainous area

35 rounded mountain top

36 mountain ridge (ridge) 37 mountain slope

38 hillside spring

39-47 high-mountain region 39 mountain range, a massif

40 summit (peak, top of the mountain)

41 shoulder

42 saddle

43 rock face (steep face)

44 gully 45 talus (scree, detritus)

46 bridle path 47 pass (col)

48-56 glacial ice

48 firn field (firn basin, nevė)

49 valley glacier

50 crevasse

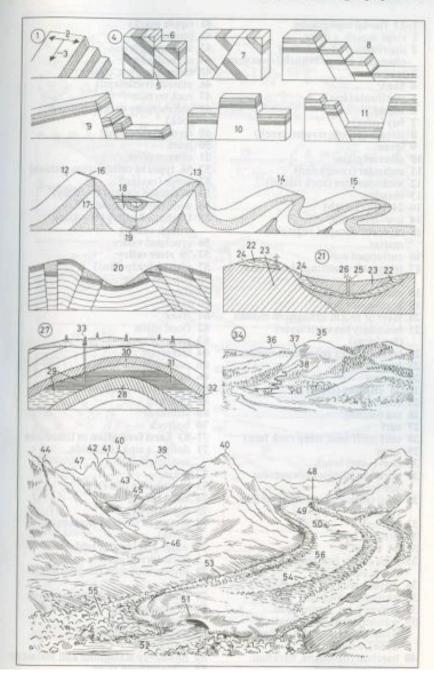
51 glacier snout

52 subglacial stream

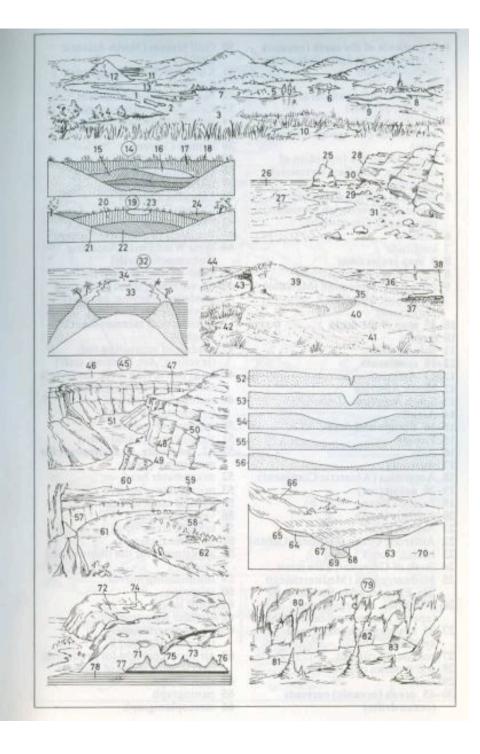
53 lateral moraine 54 medial moraine

55 end moraine

56 glacier table



1-13 fluvial topography 2 firver mouth, a delta 3 distributary (distributary channel), a river branch (river arm) 3 lake 4 bank 5 peninsula (spit) 6 island 7 bay (cove) 8 stream (brook, rivulet, creek) 9 levee 10 alluvial plain 11 meander (river bend) 12 meander core (rock island) 13 meadow 14-24 bog (marsh) 14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25 sea (occan) 25 rock 26 sea (occan) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35 -44 beach 36 groyne (Am. groin) head 37 groyne (Am. groin) head 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune, a dune 40 barchan (barchane, barkhan, 41 ripple marks 42 hummock 42 humock 42 humock 42 hummock 42 hummock 42 hummock 42	10	28.2		
1 river mouth, a delta 2 distributary (distributary channel), a river branch (river arm) 3 lake 4 bank 5 peninsula (spit) 6 island 7 bay (cove) 8 stream (brook, rivulet, creek) 9 levee 10 alluvial plain 11 meander (river bend) 12 meander core (rock island) 13 meadow 14-24 bog (marsh) 14 low-moor bog 15 layers of decayed vegetable matter 17 fen peat (consisting of rush and sedge) 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 (wave-cut] notch 31 abrasion platform (wave-cut platform) 32 at oll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 8 talagmite 42 coastal lake 45 canyon (cañon, coulee) 47 rock terrace 48 sedimentary rock (stratified rock) 49 river terrace (bed) 59 cint canyon river 52-56 types of valley (covs section) 52 sef (ravine) 52 yerg (ravine) 53 V-shaped valley (V-valley) 54 widened V-shaped valley (U-valley, trough valley) 55 synclinal valley 57 scarp (escarpment) 58 stip-off slope 58 slip-off slope 59 mesa 60 ridge 61 river 62 flood plain 63 river terrace 64 teracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 68 sedimentary rock (stratified rock) 9 iont 10 canyon river 52-56 types of valley (covs section) 51 canyon river 52-56 types of valley (v-valley) 53 V-shaped valley (V-valley) 54 widened V-shaped valley (V-valley) 55 videned V-shaped valley (V-valley) 56 synclinal valley 57 scarp (escarpment) 58 slip-off slope 60 ridge 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 67 valley floor (valley bottom) 68 riverbed 69 sediment 69 rock 61 rock 61 rock 61 rock 61 rock 61 rock 62 cliff (cliff face, steep rock face) 63 river errac			41	ripple marks
channel), a river branch (river arm) 3 lake 4 bank 4 bank 5 peninsula (spit) 6 island 7 bay (cove) 8 stream (brook, rivulet, creek) 9 levee 10 alluvial plain 11 meander (river bend) 12 meander core (rock island) 13 meadow 14-24 bog (marsh) 14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat (consisting of rush and sedge) 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 (wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am groin) head 39 groyne (Am groin) head 39 groyne (Am groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 1 balaginer 45 canyon (cañon, coulee) 47 rock terrace 48 sedimentary rock (stratified rock) 57 joint 10 canyon river 52-56 types of valley[cross section] 52 gorge (ravine) 52 gorge (ravine) 52 yerse of valley (V-valley) 53 V-shaped valley (U-valley) 54 widened V-shaped valley (U-valley) 55 U-shaped valley (U-valley) 57-70 river valley 57 scarp (escarpment) 58 stip-off slope 58 slip-off slope 59 mesa 60 ridge 61 river 62 flood plain 67 valley floor (valley bottom) 68 river terrace 6bd) 59 gorge (ravine) 51 canyon river 52-56 types of valley[cross section] 52 gorge (ravine) 52 gorge (ravine) 52 gorge (ravine) 53 V-shaped valley (U-valley) 54 widened V-shaped valley 67 caryon river 61 canyon river 61 canyon river 61 canyon river 61 canyon river 62 gorge (ravine) 63 valley (U-valley) 64 videned V-shaped valley 65 U-shaped valley (U-valley) 65 U-shaped valley (U-valley) 67 vier terrace 66 pediment are (bod) 67 vier terrace 66 pediment are (bod) 67 valley floor (valley bottom) 68 river terrace 69 river 69 mesa 60 ridge 61 river 6				
channel), a river branch (river arm) 3 lake 4 bank 5 peninsula (spit) 6 island 7 bay (cove) 8 stream (brook, rivulet, creek) 9 levee 10 alluvial plain 11 meander (river bend) 12 meander core (rock island) 13 meadow 14-24 bog (marsh) 14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 26 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am groin) head 39 groyne (Am groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, adune), a dune 24 coanyon (carbon, coulee) 46 plateau (tableland) 47 rock terrace 62 eanyon river 51 canyon river 51 canyon river 52 gorge (ravine) 53 V-shaped valley (U-valley) 44 widened V-shaped valley 55 U-shaped valley (U-valley) 55 U-shaped valley (U-valley) 56 trivers alley 57-70 river valley 57 scarp (escarpment) 58 slip-off slope 66 ridge 61 river 62 flood plain 64 rock 67 valley floor (valley bottom) 68 riverbed 69 sediment 60 ridge 61 river 61 river 62 flood plain 61 river race 64 terracette 65 pediment 67 valley floor (valley bottom) 68 riverbed 69 riverbed 61 river 61 river 62 flood plain 61 river race 64 terracette 65 pediment 67 valley floor (valley bottom) 68 riverbed 69 riverbed 60 ridge 60 ridge 60 ridge 61 river 62 flood plain 61 river race 62 flord plain 63 river terrace 64 terracette 65 pediment 65 rock 67 valley floor (2	distributary (distributary	43	wind cripple
4 bank 5 peninsula (spit) 6 island 7 bay (cove) 8 stream (brook, rivulet, creek) 9 levee 10 alluvial plain 11 meander (river bend) 12 meander core (rock island) 13 meadow 14-24 bog (marsh) 14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25 layer of older sphagnum mosses 25 bog pool 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 20 scree 20 scree 21 over terrace 22 boundary between layers (horizons) 23 layer of older sphagnum mosses 24 bog pool 25 sea (ocean) 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 36 waves breaking on the shore array, tidemark) 36 waves breaking on the shore array groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 46 plateau (tableland) 47 rock terrace (bed) 50 joint 51 canyon river 52-56 types of valley [cross section] 52 gorge (ravine) 53 V-shaped valley (V-valley) 54 widened V-shaped valley 55 synclinal valley 57-70 river valley 57 scarp (escarpment) 58 islip-off slope 58 ilip-off slope 59 mesa 60 ridge 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 porject (wich) 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of cavers) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 spelcothems (cave 60 formations) 80 stalactite (dripstone) 81 stalagmite		channel), a river branch (river arm)	44	coastal lake
4 bank 5 peninsula (spit) 47 rock terrace 6 island 48 sedimentary rock (stratified rock) 9 levee 48 sedimentary rock (stratified rock) 9 levee 50 joint 10 alluvial plain 51 canyon river 52-56 types of valley (cross section) 52 gorge (ravine) 53 V-shaped valley (V-valley) 54 widened V-shaped valley (U-valley, trough valley) 55 synclinal valley 57-70 river valley 57 scarp (escarpment) 58 slip-off slope 59 mesa 60 ridge 61 river 62 flood plain 63 river terrace 62 flood plain 63 river terrace 64 terracette 59 scree 65 pediment 66 hill 67 valley floor (valley bottom) 75 surf 67 valley floor (valley bottom) 75 system of caverns (system of caverns (savernations) 80 stalactite (dripstone) 80 stalactite (drips	3	lake	45	canyon (cañon, coulee)
5 peninsula (spit) 6 island 7 bay (cove) 8 stream (brook, rivulet, creek) 9 levee 10 alluvial plain 11 meander (river bend) 12 meander core (rock island) 13 meadow 14-24 bog (marsh) 14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25 layer of older sphagnum mosses 25 bog fer (avine) 55 trock 66 sea (ocean) 75 surf 67 valley (floor (valley bottom) 68 river terrace (bed) 69 caves 61 canyon river 62 gorge (ravine) 53 V-shaped valley (V-valley) 54 widened V-shaped valley 65 synclinal valley 65 synclinal valley 67 rock terrace 67 rock usend V-shaped valley 68 triver valley 69 rever valley 69 rever valley 69 rever valley 60 ridge 61 river 62 flood plain 63 river terrace 61 river valley 66 ridge 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 69 sediment 60 ridge 61 river 62 flood plain 63 river terrace (bed) 64 priver terrace (bed) 65 types of valley [cross section] 65 types of valley [cross verion] 65 types of valley [cross section] 65 types of valley [cross fealing) 66 ravine valley 67 valley [odo (valley bottom) 67 valley floor (valley bottom) 68 river terrace 69 sediment 69 sediment 69 pediment 69 pediment 69 pedicused valley 61 river 62 flood plain 63 ri	4	bank	46	plateau (tableland)
6 island 7 bay (cove) 8 stream (brook, rivulet, creek) 9 levee 10 alluvial plain 11 meander (river bend) 12 meander core (rock island) 13 meadow 14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35 days (at ratified rock) 50 joint 51 canyon river 52-56 types of valley [cross section] 52 gorge (ravine) 53 V-shaped valley (V-valley) 54 widened V-shaped valley 55 U-shaped valley (U-valley, trough valley) 56 synclinal valley 57 scarp (escarpment) 58 slip-off slope 59 mesa 60 ridge 61 river 62 flood plain 63 river terrace 64 terracethe 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 61 canyon river 62-56 types of valley [cross section] 70 widened V-shaped valley 70 trough valley 71 synclinal valley 72 synclinal valley 73 river terrace 74 salley (V-valley) 75 scarp (escarpment) 75 stope 76 ridge 77 river valley 78 spined valley (U-valley) 79 person la valley 79 por valley 75 scarp (escarpment) 76 stipe of valley floor (valley bottom) 77 valley floor (valley bottom) 78 riverbed 79 polje 71 dolina, a sink (sinkhole, swallowhole) 79 polje 79 porcolation of a river 74 karst spring 75 dry valley 78 system of caverns (system of caves) 79 groyne (Am. groin) head 79 wandering dune (migratory 79 dune, travelling, Am. traveling, dune), a dune 79 groyne (Am. groin) head 79 wandering dune (migratory 79 dune, travelling, Am. traveling, dune) 80 stalactite (dripstone) 81 stalagmite	5	peninsula (spit)	47	rock terrace
7 bay (cove) 8 stream (brook, rivulet, creek) 9 levee 10 alluvial plain 11 meander (river bend) 12 meander core (rock island) 13 meadow 14-24 bog (marsh) 14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers 21 boundary between layers 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 26 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 36 waves breaking on the shore arg groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 70 ser (surier) 50 joint 51 canyon river 52 byes of valley [cross section] 52 gorge (ravine) 53 V-shaped valley (V-valley) 54 widened V-shaped valley 55 tyneinal valley 55 scarp (escarpment) 58 slip-off slope 58 slip-off slope 59 mesa 60 ridge 61 river 62 flood plain 63 river terrace (bed) 62 types of valley [cross section] 63 vellenely 63 velley (U-valley) 64 type valley 65 types of valley (U-valley) 65 types of valley 62 (byes of valley (U-valley) 65 types of valley 62 (provine) 62 type (amyone) 63 velley 64 terracette 66 river valley 67 flood plain 63 river terrace 64 terracette 66 river 66 rotion valley 67 pedienent 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 spelcothems (cave formations) 80 stalactite (dripstone) 81 stalagmite			48	sedimentary rock (stratified
8 stream (brook, rivulet, creek) 9 levee 10 alluvial plain 11 meander (river bend) 12 meander core (rock island) 13 meadow 14-24 bog (marsh) 14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 36 waves breaking on the shore groyne (Am. groin) head 39 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 49 river terrace (bed) 50 joint 51 canyon river 52-56 types of valley [cross section] 52 gorge (ravine) 53 V-shaped valley (U-valley) 54 widened V-shaped valley (U-valley) 55 U-shaped valley (U-valley) 56 synclinal valley 57-70 river valley 57 scarp (escarpment) 58 slip-off slope 59 mesa 60 ridge 61 river 61 cliff (large (stepe rock face) 62 flood plain 63 river terrace (bed) 64 videned V-shaped valley (U-valley) 65 synclinal valley 66 rivere 61 river 62 flood plain 63 river terrace (bed) 67 widened V-shaped valley 65 widened V-shaped valley 65 U-shaped valley (U-valley) 65 synclinal valley 66 rivere 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 70 bedrock 71 ask arst formation in limestone 72 dolina, a sink (sinkhole, swallowhole) 73 percolation of a river 74 karst spring 75 dry valley 76 synclinal valley 77 valley 77 valley 78 slip-off slope 79 river valley 77 ver valley 78 slip-off slope 79 scarp (escarpment) 79 slip-off slope 70 river terrace 64 terracette 65 pediment 7	7	bay (cove)		
9 levee 10 alluvial plain 11 meander (river bend) 12 meander core (rock island) 13 meadow 14-24 bog (marsh) 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 38 groyne (Am. groin) 39 groyne (Am. groin) 39 groyne (Am. groin) 30 groyne (Am. groin) 31 groyne (Am. groin) 32 groyne (Am. groin) 33 groyne (Am. groin) 34 groyne (Am. groin) 35 V-shaped valley (V-valley) 55 v-shaped valley (V-valley) 56 synclinal valley 57-70 river valley 57 scarp (escarpment) 58 sip-off slope 58 sip-off slope 59 mesa 60 ridge 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 trough valley 77 walley floor (valley bottom) 78 inverbed 79 grore (Am. groin) 79 percolation of a river 74 karst spring 75 dry valley 76 grore (Am. groin) 78 inverbed 79 grore (Am. groin) 79 imestone cave (dripstone cave) 79 limestone cave (dripstone)			49	
10 alluvial plain 11 meander (river bend) 12 meander core (rock island) 13 meadow 14-24 bog (marsh) 14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 20 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35 V-shaped valley (V-valley) 45 widened V-shaped valley 56 synclinal valley 57 scarp (escarpment) 58 slip-off slope 69 ridge 61 river 62 flood plain 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 spelcothems (cave formations) 80 stalactite (dripstone) 81 stalagmite	1		50	ioint
11 meander (river bend) 12 meander core (rock island) 13 meadow 14-24 bog (marsh) 14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 10 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25 layer of elefts) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35 (waves breaking on the shore groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 52-56 types of valley (cross section) 52 gorge (ravine) 53 V-shaped valley (V-valley) 55 U-shaped valley (U-valley, trough valley) 56 synclinal valley 57-70 river valley 57 scarp (escarpment) 58 slip-off slope 59 mesa 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 spelcothems (cave formations) 81 stalagmite			51	canyon river
12 meander core (rock island) 13 meadow 14-24 bog (marsh) 14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35 V-shaped valley (V-valley) 56 synclinal valley 57 scarp (escarpment) 58 slip-off slope 58 slip-off slope 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite			52	-56 types of valley feroes section!
13 meadow 14-24 bog (marsh) 14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 38 groyne (Am. groin) 39 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 54 widened V-shaped valley 55 U-shaped valley (U-valley) 56 synclinal valley 57-70 river valley 57 scarp (escarpment) 58 slip-off slope 60 ridge 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of cavers) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite			52	norge (ravine)
14-24 bog (marsh) 54 widened V-shaped valley 15 layers of decayed vegetable matter 55 U-shaped valley (U-valley, trough valley) 56 synclinal valley 57-70 river valle			52	V shand wallow (V wallow)
14 low-moor bog 15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 groyne (Am. groin) 39 groyne (Am. groin) 31 stalagmite 55 U-shaped valley 57-70 river valley 57 scarp (escarpment) 55 suprolinal valley 57-70 river valley 57 scarp (escarpment) 58 slip-off slope 58 slip-off slope 59 mesa 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 81 stalagmite			53	v-snaped variey (v-variey)
15 layers of decayed vegetable matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 17 trough valley 57-70 river valley 57 scarp (escarpment) 58 slip-off slope 69 ridge 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 67 valley floor (valley bottom) 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite			54	widened v-snaped valley
matter 16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 38 groyne (Am. groin) 39 groyne (Am. groin) 38 groyne (Am. groin) 39 groyne (Am. groin) 30 groyne (Am. groin) 31 groyne (Am. groin) 32 groyne (Am. groin) 33 groyne (Am. groin) 34 groyne (Am. groin) 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 groyne (Am. groin) 30 groyne (Am. groin) 31 groyne (Am. groin) 32 groyne (Am. groin) 33 groyne (Am. groin) 34 groyne (Am. groin) 35 carp (escarpment) 36 slip-off slope 36 river 36 river 36 river terrace 36 triver 36 river terrace 46 terracette 59 pdiment 46 hill 46 valley floor (valley bottom) 47 valley floor (valley bottom) 48 riverbed 49 sediment 49 valley floor (valley bottom) 40 bedrock 40 river 41 detrracette 40 pediment 4			22	
16 entrapped water 17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 36 migh-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 57 river valley 57 scarp (escarpment) 58 slip-off slope 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 81 stalacitie (dripstone) 81 stalacitie (dripstone)	15		-	
17 fen peat [consisting of rush and sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 57 scarp (escarpment) 58 slip-off slope 59 mesa 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 81 stalacitie (dripstone) 81 stalacitie (dripstone) 81 stalacitie (dripstone)				
sedge] 18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 59 mesa 60 ridge 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 50 stalactite (dripstone) 59 mesa 60 ridge 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 70 bedrock 71-83 karst formation in limestone 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 50 stalactite (dripstone)			57	-70 river valley
18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 59 mesa 60 ridge 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 51 stalagmite	17	fen peat [consisting of rush and	57	scarp (escarpment)
18 alder-swamp peat 19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 59 mesa 60 ridge 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 51 stalagmite		sedge]		
19 high-moor bog 20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 60 ridge 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80 stalactite (dripstone) 81 stalagmite	18	alder-swamp peat		
20 layer of recent sphagnum mosses 21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 61 river 62 flood plain 63 river terrace 64 terracette 65 pediment 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 90 stalactite (dripstone) 81 stalagmite			60	ridge
21 boundary between layers (horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 62 flood plain 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 spelcothems (cave formations) 80 stalactite (dripstone) 81 stalagmite	20	layer of recent sphagnum mosses	Total Control	
(horizons) 22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 63 river terrace 64 terracette 65 pediment 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite	21	boundary between layers		
22 layer of older sphagnum mosses 23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 64 terracette 55 pediment 66 hill 67 valley floor (valley bottom) 67 silverbed 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite		(horizons)	63	riverterrace
23 bog pool 24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 65 pediment 66 hill 67 valley floor (valley bottom) 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite	22			
24 swamp 25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 66 hill 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 81 stalagmite	23	bog pool		
25-31 cliffline (cliffs) 25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 67 valley floor (valley bottom) 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite				
25 rock 26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 68 riverbed 69 sediment 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite				
26 sea (ocean) 27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 69 sediment 70 bedrock 71-83 karst formation in limestone 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite				
27 surf 28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 70 bedrock 71-83 karst formation in limestone 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite	-			
28 cliff (cliff face, steep rock face) 29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 71 dolina, a sink (sinkhole, swallowhole) 72 polje 73 percolation of a river 74 karst spring 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite				
29 scree 30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 30 [wave-cut] notch 37 policy 38 project (wave-cut policy 39 percolation of a river 37 karst spring 36 roy valley 37 system of caverns (system of caves) 37 water level (water table) in a karst formation 38 impervious rock (impermeable rock) 39 limestone cave (dripstone cave) 39 stalactite (dripstone) 30 stalactite (dripstone) 31 dolina, a sink (sinkhole, swallowhole) 37 policy 30 project (water table) in a karst formation 31 atoll (ring-shaped coral reef), a coral reef 32 dry valley 33 lagoon 34 breach (hole) 35 water level (water table) in a karst formation 36 wares breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune				
30 [wave-cut] notch 31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 30 waves-cut] notch 37 polje 38 percolation of a river 36 karst spring 37 valley 38 yestem of caverns (system of caves) 37 water level (water table) in a karst formation 38 impervious rock (impermeable rock) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 39 stalactite (dripstone) 30 swallowhole) 30 polje 31 percolation of a river 32 dry valley 33 lagoon 34 breach (system of cavers) 35 water level (water table) in a karst formation 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune				
31 abrasion platform (wave-cut platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 31 abrasion (wave-cut policy 32 policy 33 percolation of a river 34 karst spring 35 dry valley 36 system of caverns (system of caves) 37 water level (water table) in a karst formation 38 impervious rock (impermeable rock) 39 limestone cave (dripstone cave) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 30 stalactite (dripstone) 31 lagoon 32 atoll (ring-shaped coral reef), a percolation of a river 34 karst spring 55 dry valley 76 system of caverns (system of caves) 67 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite		E CONSTRUCTION OF THE PROPERTY	71	
platform) 32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 39 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite	30	[wave-cut] notch		
32 atoll (ring-shaped coral reef), a coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 36 atoll (ring-shaped coral reef), a coral reef 37 dry valley 38 system of caverns (system of caves) 37 water level (water table) in a karst formation 38 impervious rock (impermeable rock) 39 limestone cave (dripstone cave) 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 30 stalactite (dripstone) 31 karst spring 32 dry valley 33 lagoon 34 breach (system of caves) 35 water level (water table) in a karst formation 36 water formation 37 limestone cave (dripstone cave) 38 stalactite (dripstone) 39 stalactite (dripstone) 30 stalactite (dripstone)	31	abrasion platform (wave-cut		
coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, dune), a dune 37 dry valley 38 caves valley 39 water level (water table) in a karst formation 39 impervious rock (impermeable rock) 39 limestone cave (dripstone cave) 39 wandering dune (migratory dune, travelling, dune), a dune 30 stalactite (dripstone) 31 dry valley 32 system of caverns (system of caves) 33 lagoon 34 breach (system of caves) 35 water level (water table) in a karst formation 36 ware breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) 39 stalactite (dripstone) 39 stalactite (dripstone) 39 stalactite (dripstone) 30 stalactite (dripstone)	120	platform)	73	percolation of a river
coral reef 33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 75 dry valley 76 system of caverns (system of caves) 77 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite	32	atoll (ring-shaped coral reef), a	74	karst spring
33 lagoon 34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 31 breach (hole) 32 water level (water table) in a karst formation 33 karst formation 34 breach (water table) in a karst formation 35 karst formation 36 system of caverns (system of caves) 37 water level (water table) in a karst formation 36 wares breaking on the shore rock) 37 groyne (Am. groin) 38 groyne (Am. groin) splends (dripstone cave) 39 wandering dune (migratory dune, travelling, dune), a dune 39 stalactite (dripstone) 30 system of caverns (system of caves) 31 stalaction 32 stalactite (dripstone) 33 stalactite (dripstone) 34 breach (water table) in a karst formation 35 impervious rock (impermeable rock) 36 stalactite (dripstone) 37 stalaction 38 groyne (Am. groin) 39 stalactite (dripstone) 39 stalactite (dripstone) 30 stalactite (dripstone)			75	dry valley
34 breach (hole) 35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, dune), a dune 39 dune (high-water mark) 39 wandering dune (migratory dune, travelling, dune), a dune 30 caves) 37 water level (water table) in a karst formation 38 impervious rock (impermeable rock) 39 limestone cave (dripstone cave) 30 stalactite (dripstone) 30 stalactite (dripstone) 31 stalagmite	33	lagoon	76	system of caverns (system of
35-44 beach 35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 37 water level (water table) in a karst formation 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite	34	breach (hole)		
35 high-water line (high-water mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 36 waves breaking on the shore rock) 37 limestone cave (dripstone cave) 38 80-81 speleothems (cave formations) 48 stalactite (dripstone) 48 stalagmite	35-	-44 beach	77	
mark, tidemark) 36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 78 impervious rock (impermeable rock) 79 limestone cave (dripstone cave) 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite	35	high-water line (high-water	-	
36 waves breaking on the shore 37 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 39 dune 30 waves breaking on the shore rock) 39 limestone cave (dripstone cave) 39 september of cave (dripstone cave) 30 stalactite (dripstone) 31 stalagmite			78	
37 groyne (Am. groin) 38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 39 dune 39 wandering dune (migratory formations) 39 stalactite (dripstone) 30 stalactite (dripstone) 31 stalagmite	36			rock)
38 groyne (Am. groin) head 39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 80-81 speleothems (cave formations) 80 stalactite (dripstone) 81 stalagmite	37	grovne (Am groin)	70	
39 wandering dune (migratory dune, travelling, Am. traveling, dune), a dune 81 stalagmite	38	grovne (Am groin) head	80	81 spaleothems (cours
dune, travelling, Am. traveling, 80 stalactite (dripstone) dune), a dune 81 stalagmite	30	wandering dune (migratory	00-	
dune), a dune 81 stalagmite	23	duna travallina des travalina	90	
wo barchan (barchane, barkhan, 82 linked-up stalagmite and stalactite	40			
	40		82	iinked-up stalagmite and stalactite
crescentic dune) 83 subterranean river		crescentic dune)	83	subterranean river



1-7 graticule of the earth (network of meridians and parallels on the earth's surface)

1 equator

2 line of latitude (parallel of latitude, parallel)

3 pole (North Pole or South Pole), a terrestrial pole (geographical

4 line of longitude (meridian of longitude, meridian, terrestrial meridian)

5 Standard meridian (Prime meridian. Greenwich meridian, meridian of Greenwich)

6 latitude

7 longitude

8-9 map projections

8 conical (conic) projection

9 cylindrical projection (Mercator projection, Mercator's projection)

10-45 map of the world

10 tropics

11 polar circles

12-18 continents

12-13 America

12 North America

13 South America

14 Africa

15-16 Europe and Asia

15 Europe

16 Asia

17 Australia

18 Antarctica (Antarctic Continent)

19-26 ocean (sea) 19 Pacific Ocean

20 Atlantic Ocean

21 Arctic Ocean

22 Antarctic Ocean (Southern Ocean)

23 Indian Ocean

24 Strait of Gibraltar, a sea strait

25 Mediterranean (Mediterranean Sea, European Mediterranean)

26 North Sea, a marginal sea (epeiric sea, epicontinental sea)

27-29 key (explanation of map symbols)

27 cold ocean current

28 warm ocean current

29 scale

30-45 ocean (oceanic) currents (ocean drifts)

30 Gulf Stream (North Atlantic Drift)

31 Kuroshio (Kuro Siwo, Japan Current)

32 North Equatorial Current

33 Equatorial Countercurrent

34 South Equatorial Current

35 Brazil Current 36 Somali Current

37 Agulhas Current

38 East Australian Current

39 California Current

40 Labrador Current

41 Canary Current 42 Peru Current

43 Benguela (Benguella) Current

44 West Wind Drift (Antarctic Circumpolar Drift)

45 West Australian Current

46-62 surveying (land surveying, geodetic surveying, geodesy)

46 levelling (Am. leveling) (geometrical measurement of height)

graduated measuring rod (levelling, Am. leveling, staff)

level (surveying level, surveyor's level), a surveyor's telescope

49 triangulation station (triangulation point)

50 supporting scaffold

51 signal tower (signal mast) 52-62 theodolite, an instrument for measuring angles

52 micrometer head

53 micrometer eyepiece

54 vertical tangent screw

55 vertical clamp 56 tangent screw

57 horizontal clamp

58 adjustment for the illuminating mirror

59 illuminating mirror

60 telescope

61 spirit level

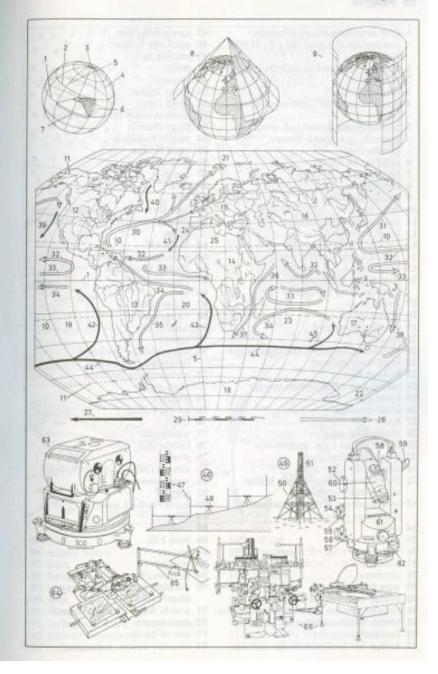
62 circular adjustment

63-66 photogrammetry (phototopography)

63 air survey camera for producing overlapping series of pictures

64 stereoscope 65 pantograph

66 stereoplanigraph



1	-114 map signs (map symbols,		navigable river
	conventional signs) on a 1:25 000		pontoon bridge vehicle ferry
1	coniferous wood (coniferous trees)		mole
2	clearing	49	beacon
3	forestry office	50	stone bridge
4	deciduous wood (non-coniferous	51	town (city)
	trees)	52	market place (market square)
5	heath (rough grassland, rough	53	large church
	pasture, heath and moor,	54	public building
	bracken)	55	road bridge
	sand (sand hills)	56	iron bridge
7	beach grass		canal
8	lighthouse	58	lock
9	mean low water	59	jetty
10	beacon	60	foot ferry (foot passenger ferry)
11	submarine contours	61	chapel (church) without tower o
12	train ferry		spire
	lightship		contours
	mixed wood (mixed trees)		monastery (convent)
	brushwood		church landmark
16	motorway with slip road (Am.		vineyard
	freeway with on-ramp)	377	weir
	trunk road		aerial ropeway
	grassland		view point
	marshy grassland		dam
	marsh		tunnel
	main line railway (Am. trunk line)	71	triangulation station
	road over railway	-	(triangulation point)
	branch line		remains of a building
	signal box (Am. switch tower)		wind pump
	local line		fortress
	level crossing		ox-bow lake
	halt	1/3/03/3	river
	residential area		watermill
	water gauge (Am. gage)		footbridge
	good, metalled road windmill		pond
			stream (brook, rivulet, creek)
2	thorn house (graduation house, salina, salt-works		water tower
12	broadcasting station (wireless or		spring
2.3	television mast)		main road (A road) cutting
1.1	mine		cave
-	disused mine		lime kiln
	secondary road (B road)		quarry
	works		clay pit
	chimney		brickworks
	wire fence	1500	narrow-gauge (Am. narrow
	bridge over railway	30	gage) railway
11	railway station (Am. railroad station)	91	
	bridge under railway		monument
	footpath		site of battle
	bridge for footpath under railway	94	country estate, a demesne

