

MEDICINE

MEDICINE

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- 300.01 Series
- 300.1 **History of medicine: general** (incl. texts, except of authors provided for elsewhere, e.g. Hippocrates). *For General practice, see 310.1*
- 300.13 ancient and medieval
- 300.15 modern
- 300.2 Biography of physicians, doctors, etc. *For Anatomists, see 304.1; Surgeons, 306.1*
- 300.3 Medical philosophy, logic and ethics
- Study and teaching of medicine (incl. Museums and exhibits)
- 300.4 Medical missions
- 300.9 Charlatanism. *For Schools of medicine and Alternative medicine, see 331*
- 302 Dictionaries. Encyclopaedias

HUMAN PHYSIOLOGY AND BIOCHEMISTRY

For general animal Physiology, see 385; for general Biochemistry, see 380.1; for Bacteriology, see 377

- 303.01 Series
- 303.1 Comprehensive works
- 303.12 History. Biography of physiologists and biochemists
- 303.15 Vivisection
- 303.2 **General phenomena of human life**
Genetics. Life changes. Longevity. Death. Metabolism. Circulation. Respiration. Nutrition (*see also 334.6, 328.22*). Reproduction.
For Embryology, see 386.8
- 303.4 **Locomotive and nervous systems** (skeleton, muscles, nerves, etc.)
- 303.8 **Physiological chemistry** (proteins, enzymes, etc.)
- 303.9 **Experimental pharmacology** (physiological effects of chemicals on the body)

HUMAN ANATOMY

For Comparative anatomy see Zoology, 386; for Physical anthropology, see 460.3; for Artistic anatomy, see 400.4

- 304.1 History. Biography of anatomists
- 304.2 Comprehensive works. Anatomy of particular organs and limbs.
- 304.8 **Histology** (Microscopic anatomy. Pigment and tissues)

SURGERY

- 306.01 Series
- 306.1 History of Surgery. Biography of surgeons
- 306.2 Comprehensive works
Diagnosis. Surgical techniques and instruments. Anaesthetics
- 306.6 **Regional surgery** (surgery on particular limbs or organs)
Surgical pathology (tissues removed from living patients) and diseases.

MEDICINE

MEDICINE

For Eye surgery, see 313.1

- 306.8 **Orthopaedic surgery** (surgery on skeletal deformities)
- 308.1 **Dentistry:** History and biography
- 308.2 Comprehensive works. Dental medicine and surgery

PATHOLOGY

- 309.01 Series
- 309.1 History
- 309.2 Comprehensive works
 - Chemical and microscopical diagnosis. Pathological laboratory technology. Theories of disease. *For Post-mortems, see 335.1*
- 309.6 **Medical parasitology.** *For specific diseases, see 310.4; for general Parasitology, see 384.15, 388, 390, and 392*
- 309.7 **Medical bacteriology.** Immunology. *For medical microbiology, see 377.1*

PRACTICE OF MEDICINE

- 310.01 Series
- 310.1 Comprehensive works. Systems. Encyclopaedias
 - Clinical medicine. Diagnosis. Radiography. Tomography
- 310.2 **Bacterial and viral diseases** (diseases due to specific infections)
 - Medical virology. *For general Virology, see 377.63*
- 310.4 **Parasitical and fungal diseases**
 - Medical mycology. *For Medical parasitology, see 309.6*
- 310.5 **Constitutional diseases and their treatment** (Cancer, Arthritis, etc.)
- 310.6 **Deficiency diseases and their treatment** (Scurvy, etc.)
- 311.01 **Tropical medicine:** Series
- 311.1 Separate works
- 312.1 **Ear, nose and throat diseases and treatments** (Otolaryngology)
- 313.1 **Eye diseases, defects, and treatments**
- 313.4 **Dermatology** (diseases of the skin and nails)

PAEDIATRICS

- 322.01 Series
- 322.1 Comprehensive works
- 322.3 Feeding
- 322.4 Diseases and conditions, mental and physical (e.g. Autism, Meningitis).
For Paediatric surgery, see 306.2
- 322.9 Drugs and therapy for children

GYNAECOLOGY. OBSTETRICS

Not kept on the open shelves

EPIDEMIOLOGY

- 324.1 **Epidemiology.** *For the epidemiology of specific diseases, see relevant heading*
- 324.5 Personal hygiene. Physical exercise
- 325.1 Medical geography
- 325.8 Diseases of special races

DISEASES OF THE NERVOUS SYSTEM

(Mental illness, disorders; diseases of the brain and nervous system; brain damage)

- 326.01 Series
- 326.1 Clinical psychological conditions, diseases: Alzheimer's, depression, behavioral disorders, psychopathy. *For Down's syndrome, see 322.4*
- 326.3 Care and treatment of mental patients, therapy: psychotherapy, psychoanalysis. Physical treatment (e.g. ECT, psychopharmaceutics, psychiatric hospitals)

DISEASES OF SPECIFIC ORGANS

- 327.01 Series
- 327.1 Separate works
Diseases of organs and the blood.
For paediatric heart conditions, see 322.4
- 327.7 Occupational diseases. Accidents. Sports medicine
- 327.8 **Geriatrics** (diseases of old age). *For Alzheimer's, see 326.1*

THERAPEUTICS

- 328.01 Series
- 328.1 Comprehensive works. Dictionaries. History
- 328.22 **Administration of medicine**
Inhalation. Intravenous injection. Blood transfusion. Feeding and diet. Fasting.
Therapeutics of special diets
- 328.3 **Pharmacology** (action of drugs and medicines)
Psychological, physiological and therapeutic action of drugs
For Experimental pharmacology, see 303.9
- 328.8 **Non-drug remedies and treatments** (Massage, Physiotherapy, Vaccination, etc.)
For Music therapy, see M834
- 329.1 **Pharmacy:** Dictionaries. Museums. History. Pharmacopoeias. Prescriptions
- 329.5 Comprehensive works. *See also 328.3.*
Medical botany. Pharmacognosy. Pharmaceutical chemistry
History of drugs and medicines (Penicillin, etc.)
- 329.8 **Toxicology** (science of source and action of poisons)
- 330.1 **Nursing:** History. Biography
- 330.2 Theory, training, and practice

SCHOOLS OF MEDICINE

- 331.1 Homoeopathy. Holistic medicine
331.3 Osteopathy (Bone-setting)
331.5 Alternative medicine. *For Yoga, see also 2.33*

SOCIAL MEDICINE. PUBLIC HEALTH

- 334.01 Series
334.1 History
334.2 Comprehensive works
 Medical economics. Health education. National Health Service (NHS)
 Environmental health. Sanitation. Air and noise pollution.
 For Marine pollution, see 383.24
334.6 Food and health (incl. Pasteurization)
334.7 Disposal of the dead

FORENSIC MEDICINE

- 335.01 Series
335.1 Comprehensive works (incl. Forensic chemistry and psychology. Feigned diseases.
 Death and its causes. Autopsy)

HOSPITALS

For Psychiatric hospitals, see 326.3

- 337.01 Series
337.1 Comprehensive works (incl. Administration, Buildings, History, Inspection, etc.;
 Medical records. Red Cross)
337.3 Great Britain and Ireland
337.5 Other countries

SCIENCE

- 340.01 Series
- 340.1 Collected works of individual authors. Comprehensive works (e.g. Humboldt's Cosmos)
- 340.15 Essays and addresses
- 340.2 Voyages. Scientific expeditions. See also Geography, Natural history, Botany, Zoology
- 340.3 Handbooks for scientific expeditions
- 340.4 Encyclopaedias. Dictionaries
- 340.5 History of science
- 340.6 Biography of scientists. See also under the particular sciences
- 340.7 Philosophy and sociology of science. Science policy
- Classification and nomenclature of the sciences
- Methodology of study, teaching, and research
- 340.8 Scientific instruments. Laboratory management. For Measuring instruments, see 352.4

ASTRONOMY

- 342.01 Series. For Observations and Observatory reports, see P346, L346, Q346 or T346
- 342.1 General works and tables. Dictionaries. Star-catalogues (incl. Zone observations)
For Year-books, Nautical almanacks, etc., see P346, etc.
- 342.2 History of astronomy
- 342.25 Biography of astronomers
- 342.4 **Observatory buildings:** construction and description of observatories
- 342.45 **Astronomical instruments and techniques** (incl. Astronomical photography)
- Practical and Spherical Astronomy**
- For General works, see 343.2*
- 342.5 Correction and reduction of observations (incl. position of the Pole)
- 342.53 Prediction of eclipses, occultations, transits
For descriptive works on eclipses of individual stars, see 343.2-343.3
- Gravitational Astronomy and Celestial Mechanics**
- 343.1 General treatises
- 343.13 Calculation of orbits
- 343.15 Perturbations (Planetary theory, Lunar theory, Satellites)
- Descriptive Astronomy and Astrophysics**
- 343.2 General treatises. Radio astronomy
- 343.22 Descriptive works for general readers. Popular works. Life on other planets
- 343.24 Astrophysics. Astronomical spectroscopy
- 343.3 Solar system
- 343.32 Sun (incl. eclipses)
- 343.34 Moon (incl. eclipses, lunar geology, petrology, etc)
- 343.36 Planets. Asteroids. *For the Earth, see 345; for terrestrial geology, see 365*

ASTRONOMY**ASTRONOMY**

- 343.4 Comets. Meteors
- 343.5 Stars. Nebulae. Galaxies
- 343.8 Cosmogony (Nebular theory. Miscellaneous speculations. End of the World). Cosmology

Geodetic Astronomy

- 344.01 Series
- 344.1 General works
- 344.2 Azimuth. Meridian (determination of)
- 344.3 Time
- 344.4 Latitude and longitude
- 344.5 History and descriptive works. Congresses
- 344.6 Observations. Trigonometrical surveys (by country, as series)
- 344.7 Geodetic surveying (Base-measuring, triangulation. *For Plane surveying, see 428*)
- 344.8 Gravity determination (Apparatus: pendulum, plumb-line. Mean density of the Earth)

GEOPHYSICS

- 345.01 Series
- 345.1 General works. *For the Physical history of the Earth, see 367; for Geochemistry, see 367*
Earth tides
- 345.3 Atmospheric electricity (Lightning, Thunderstorms, Aurora Borealis)
For Terrestrial magnetism, see 357.6
- 345.6 Seismology. Earthquakes. *See also 693.4. For Volcanoes, see 367.15*
- 345.8 Theory of tides. *See also 698.22*

METEOROLOGY

- 347.01 Series. *For Observations, Weather reports, and almanacks, see P347 or Q347*
- 347.1 **Atmosphere:** mechanics and thermodynamics; theory and instruments
- 347.2 Geological climate
- 347.3 Atmospheric pressure. Instruments
- 347.4 Temperature. Radiation
- 347.5 Aqueous vapour and rain (Clouds, rain, wind, storms, waterspouts, hurricanes.
For Atmospheric electricity, see 345.3
- 347.6 Meteorological optics (sky colour, transparency, mirages, rainbows)
- 347.7 Climatology. Weather

MATHEMATICS

- 348.01 Series
- 348.1 Philosophy. Principles. Model theory
- 348.2 Study and teaching
- 348.3 History of mathematics. Biography of mathematicians
- 348.5 Encyclopaedic works. General treatises. Engineering mathematics. *See also 349.1*
- 348.6 Collected works. Essays. Festschriften
- 348.8 Tables. Mathematical instruments. Nomography. Graphs (*see also 350.9*).
Data processing and computer software. *For Automatic data processing, see 425; for Computer hardware, electronics, etc., see: 431.3; for Linear programming, see 351.7 or 425 [Superseded by further decimalised classes, Jan. 2000]*
- 348.81 **Computer science**, information systems: general, social aspects; biography, history. Tables, mathematical instruments, nomography
- 348.82 Data processing (incl. neural networks, artificial intelligence)
- 348.83 Software programs and programming
- 348.9 Miscellaneous. Recreations and curiosities

Analysis and Numerical methods

- 349.1 Comprehensive works. *See also 348.5*
Engineering calculus and analysis. Combinatorial analysis. Coding. Splines
- 349.2 Calculus, general
- 349.22 Differential calculus
- 349.24 Integral calculus. Lebesgue integrals
- 349.26 Calculus of variations
- 349.4 Theory of functions. Real, complex variables. Functional analysis. Approximation theory.
- 349.5 Differential and integral equations. Boundary value problems. Bifurcation theory
- 349.7 Continuous groups. Infinitesimal transformations
- 349.8 Applied analytical methods. Mathematical models. Fourier series (*see also 351.5*). Lamé, Laplace and Legendre functions. *See also 352.1. For Vector analysis, see 351.8*

Geometry

- 350.1 Elementary geometry (incl. Euclid)
- 350.2 Descriptive geometry (Theory of perspective projection)
- 350.3 Trigonometry, plane and spherical
- 350.4 Analytical geometry. Algebraic geometry. Projective methods.
- 350.6 Transformation and general methods for algebraic conformations (e.g. classification)
- 350.7 Infinitesimal geometry
- 350.8 Differential geometry. Riemannian manifolds
- 350.9 Foundations of geometry. Non-Euclidean geometry. Many-dimensional geometry. Topology. Analysis situs. Graph theory. Linear spaces. T vector spaces. Manifolds

Arithmetic

- 351.1 Arithmetic. Algorithms
- 351.2 **Algebra**: general treatises. Elementary works
- 351.3 Theory of equations. *For Differential equations, see 349.5*
- 351.4 Number theory
- 351.5 Probabilities. Theory of probability. Numerical series. *See also 349.8*
- 351.6 Group theory. Set theory. Theory of rings.
- 351.7 Linear substitution. Matrices. Linear algebra. Linear programming. Modules
- 351.8 Vector analysis. Calculus of differences. Tensor calculus

PHYSICS

- 352.01 Series
- 352.1 Collected works. Dictionaries. General treatises. Mathematical physics. Chaos
- 352.2 General physical theories. Older theories of matter and ether. *For Dynamics, see 353.1*
- 352.3 General physical theories of Time and Space. Relativity. Gravity
- 352.4 Weights and measures (*see also 227*). Metric system. Units and dimensions. Physical measurement.
- 352.8 History and biography
- Experimental Mechanics and Dynamics**
- 353.1 General treatises. Matter as continuum
- 353.2 Solids (elasticity, expansion, etc.). Vector mechanics.
- 353.3 Fluids (motion, waves, vortex rings). Hydrostatics. Hydrodynamics. Hydrometry. Hydraulics. Transport theory
- 353.5 Gases (*excl. waves, for which see Sound, 355.2*). *For Aerodynamics, see 424*
- Properties of Matter**
- 354.1 General works. Structure of matter
- 354.2 Special properties: Absorption of gases. Capillarity. Viscosity. Diffusion, etc.
- 354.3 Solid state physics. Molecular physics. Statistical physics
- 354.4 Nuclear physics. Atoms. Particle physics
- 354.5 General atomic theories. Quantum theory. Wave mechanics
- Sound, Light and Heat**
- 355.1 Comprehensive treatises
- 355.2 **Sound.** Acoustics. Ultrasonics. Underwater acoustics. *For architectural acoustics, see 402*
- 355.3 **Heat.** Thermodynamics. Cryogenics. Heat transfer
- 355.4 **Light.** Optics
- 355.5 Geometrical optics
- 355.6 Physical optics. Optical instruments. Optical spectroscopy. Infrared
- Electricity and Magnetism**
- 357.1 History. Biography
- 357.12 Static electricity. Electrostatics
- 357.2 General treatises (incl. popular works)
- 357.21 Magnetic resonance
- 357.3 Electrical and magnetic standards (Methods of measurement, incl. electro- and permanent magnets)
- 357.4 Electrodynamics. Thermoelectricity. Conductivity. Semi-conductors
- 357.5 Electric waves. Telegraphy. Telephony. Radio waves. Electromagnetic fields
- 357.6 Terrestrial magnetism (incl. solar, planetary and stellar magnetism)
- 357.7 Magnetic surveys
- 357.8 Plasma physics. Magneto-hydrodynamics. *For Plasma spectroscopy, see 355.6*

CHEMISTRY

- 360.01 Series
- 360.1 Encyclopaedias. Dictionaries
- 360.13 History of the science
- 360.15 Biography of Chemists
- 360.17 Alchemy: history and treatises
- 360.2 Collected works. Essays. General treatises
- Analytical Chemistry**
- 360.3 General treatises. Chromatography. Mass spectrometry
- 360.301 Series
- 360.32 Qualitative analysis (Inorganic)
- 360.33 Quantitative analysis (Inorganic). Volumetric analysis
- 360.36 Qualitative analysis (Organic)
- 360.37 Quantitative analysis (Organic)
- Inorganic Chemistry**
- 360.4 General treatises. Co-ordination chemistry
- 360.401 Series
- 360.42 Non-metals. Chemistry of the air. Rare gases
- 360.44 Metals
- 360.47 Laboratory manuals
- Organic Chemistry**
- 360.5 General treatises. Organic synthesis. Oxidation. Organometallic compounds
- 360.501 Series
- 360.52 Aliphatic (fatty) compounds
- 360.54 Homocyclic compounds
- 360.56 Heterocyclic compounds
- 360.58 Stereochemistry
- 360.59 Laboratory manuals
- Physical and Theoretical Chemistry**
- 360.7 General treatises
- 360.701 Series
- 360.71 Atomic/molecular structure in rel. to chemical properties. Solid state chemistry. Bonding
- 360.73 Physical chemistry of gases, liquids, solids and solutions. Catalysis
- 360.75 Chemical equilibrium and chemical kinetics
- 360.8 Thermochemistry and chemical energetics. Chemical thermodynamics
- 360.82 Photochemistry. Radiation chemistry. Quantum chemistry
- 360.84 Electrochemistry. Electrolysis. Ionisation
- 360.86 Surface chemistry. Colloid chemistry. Aerosols. Powders

CHEMICAL TECHNOLOGY

- 361.01 Series
- 361.1 History of chemical technology
- 361.12 Dictionaries. Encyclopaedias
- 361.13 General treatises. Chemical engineering. Biotechnology. *For Pure chemistry, see 360*
- 361.2 Manufacture of chemicals: e.g. Acids, alkalis, salts, gases (compressed and liquified)
- 361.25 Explosives. Fireworks. Matches
- 361.27 Fuel. Chemistry of fossil fuels (coal, peat, oil, gas, etc.). Energy
- 361.3 **Foods:** general. Food engineering. *See also 334.6. and 446*
- 361.31 Sugar manufacture and refining. *For sugar-growing, see 440*
- 361.34 Vinegar. Yeast. Baking powder
- 361.36 Ice-making and cold storage
- Fermentation and drinks industries**
- 361.4 Wines and wine-making. *See also 446; for biology of fermentation, see 377.3*
- 361.42 Brewing and malting
- 361.46 Distilling. Alcohol
- 361.5 Non-alcoholic drinks
- 361.52 Chocolate. Coffee. Tea
- 361.53 Oils. Fats. Waxes
- 361.55 **Mineral oils:** Petroleum. Natural gas
- 361.58 Illuminating and fuel gas (manufacture and storage). Gas industry. Methane production
- 361.6 **Ceramic technology:** Glazes. Enamels. Bricks. Tiles. Pottery kilns
- 361.64 **Glass**
- 361.66 Artificial stones. Cement. Lime. Mortar
- 361.7 Bleaching. Dyes and dyeing
- 361.72 Calico-printing
- 361.75 Inks. Paints. Varnishes. Coatings
- 361.8 Soap. Candles. Detergents
- 361.82 Polymers. Plastics. Adhesives. Emulsions. Rubber
- 361.84 Perfumery. Cosmetics
- 361.85 Other materials (e.g. Coal-tar products, starch)
- 361.89 Waste products
- 361.9 Photography
- 361.95 Cinematography
- 363.1 **Crystallography**

GEOLOGY

For Lunar geology, see 343.34

- 365.01 Series
- 365.1 Collected works. Dictionaries
- 365.13 History of the science. Biography of Geologists
- 365.15 General treatises. Mining and engineering geology. *For Petroleum geology, see 361.55*
- 365.17 Museums (guides, descriptions, catalogues)

Geographical divisions

Where possible, geological books are classified by strata rather than geography.

- 365.2 Great Britain
- 365.22 Europe
- 365.25 Asia
- 365.3 Africa
- 365.35 America (North)
- 365.4 America (Central and South)
- 365.45 Australia and Pacific islands
- 365.48 Polar regions

MINERALOGY

- 365.6 Collected works. Dictionaries. General treatises. *For Lunar mineralogy, see 343.34*
- 365.62 Descriptive mineralogy (by country)
- 365.64 Special minerals (by groups or singly). Clays
- 365.66 Precious stones
- 365.67 Meteorites
- 365.8 **Petrology.** General treatises. Sedimentary rocks. *For Lunar petrology, see 343.34*

DYNAMIC AND STRUCTURAL GEOLOGY

- 367.1 General works. Physical history of the Earth. *For Geomorphology, see 693*
- 367.13 Age of the Earth. Geological time
- 367.15 Volcanoes. Geysers. Hot springs. *For Earthquakes, see 345.6*
- 367.2 Coral islands and reefs
- 367.22 Erosion and deposition. Fluvial processes
- 367.24 Glaciers and glacial action. Moraines. Landslides
- 367.26 Structural geology. Tectonics (incl. Stratification. Faulting. Metamorphism)

STRATIGRAPHIC GEOLOGY

- 367.4 General works. *For Fossils, see 368.1*
- 367.42 Palaeozoic (Pre-Cambrian, Cambrian, Ordovician, Silurian, Devonian, Carboniferous)
- 367.45 Mesozoic (including Triassic, Jurassic. Cretaceous, i.e. greensand, Wealden beds)
- 367.5 Cenozoic (Tertiary and Quaternary)
- 367.52 Tertiary (Eocene, Oligocene, Miocene, Pliocene)
- 367.55 Quaternary (Pleistocene, Glacial epoch)
- 367.8 Geological climate. *See also 347.2*

PALAEONTOLOGY AND PALEOECOLOGY

- 368.01 Series
368.1 Collected works. Dictionaries. General and popular works on fossils
368.15 History of the science

Stratigraphic divisions

- 368.2 Palaeozoic (Cambrian, Silurian, Ordovician, Devonian, Carboniferous, Permian)
368.3 Mesozoic (Triassic, Jurassic, Cretaceous)
368.4 Cenozoic (Tertiary, Eocene, etc., Quaternary, Pleistocene, etc.)

Geographic divisions

- 368.5 Europe
368.54 Asia
368.56 Africa
368.6 America (North)
368.62 America (Central and South)
368.64 Australia and Pacific Islands
368.66 Polar regions

PALAEOZOOLOGY

For Palaeobotany, see 374.1

- 368.7 General treatises
368.72 Invertebrates: (incl. Protozoa, Echinodermata, Vermes, Polyzoa)
Molluscs
Arthropoda (Articulates)
368.8 Vertebrates: Fishes. Reptiles. Batrachia. Birds. Mammals

BOTANY

- 370.01 Series
- 370.1 Collected works. Essays. *See also 373.1*
- 370.2 Encyclopaedias. Dictionaries. Indexes. Nomenclators. Icones. Pictorial works
- 370.4 Voyages. Expeditions
- 370.5 History of Botany. Biography of botanists
- 370.6 Botanical gardens. Herbaria. Laboratories. Museum catalogues, histories and guides
- 370.9 Plant lore. Floral emblems. *See also 464.4*
- 371.1 Works of Linnaeus. Linnaean system
- 371.2 Angiosperms (Flowering plants): trees, shrubs, herbaceous plants, grasses, pollen, seeds
- 371.25 Systematic botany of families, etc.
- 371.3 Gymnosperms (Cycads, conifers, ginkgo and gnetales)
- 371.4 Cryptogamic Botany: general
- 371.5 Algae (fresh water and sea-weeds)
- 371.6 Fungi (Mycology)
- 371.7 Lichens
- 371.8 Bryophyta: Mosses (musci), Liverworts (hepaticae)
- 371.9 Pteridophyta: Ferns (filicales). Club-mosses (lycopodiales). Horsetails (equisetales), etc.

Geographical distribution

- 372.1 General works. Plant geography
- 372.2 British Isles
- 372.3 Europe
- 372.4 Asia
- 372.5 Africa
- 372.6 America (North)
- 372.65 America (Central and South). West Indies
- 372.7 Atlantic Islands
- 372.8 Australia
- 372.85 New Zealand
- 372.9 Pacific Islands. Polar regions
- 373.1 General botany: Textbooks. Methodology
- 373.2 Morphology and Anatomy (Study of form, plant organs and tissues)
- 373.3 Cytology and Histology (Cells and cell-membranes). Plant membranes. Plant genetics
- 373.4 Plant physiology and biochemistry of plants. Photosynthesis
- 373.6 Plant pathology (parasitic, non-parasitic and viral diseases). *See also 377.66 and 440.*
- 373.8 **Plant ecology** (incl. adaptation of plants to their environment)
- 374.1 **Palaeobotany**. Fossil plants of all or any strata. Systematic works (e.g. Pteridosperms)

MICROSCOPY

- 375.01 Series
- 375.1 Comprehensive treatises. Stereology
- 375.2 Instruments (microscopes, illuminating apparatus). Electron microscopy
- 375.5 Preparation, mounting and display of objects. Taxidermy. Preservatives.

BACTERIOLOGY

- 377.01 Series
- 377.1 Collected works. General treatises. Microbiology. *See also 309.7 and 385.7*
- 377.15 History of bacteriology. Biography of bacteriologists (e.g. Pasteur)
- 377.2 Bacteria in relation to air, water, soil, foods, etc.
Microbial ecology
- 377.3 Fermentation. Yeasts. Industrial microbiology
- 377.4 Immunity and Immunization. Immunology
- 377.6 Bacteria of special diseases. *For Medical bacteriology, see 309.7*
- 377.63 Animals. Animal virology
- 377.66 Plants. *This class is no longer used; see 373.6*

BIOLOGY

- 379.01 Series
- 379.1 Collected works. Comprehensive treatises
Radiobiology. Photobiology. Molecular biology
- 379.2 History of biology. Biography of biologists
- 379.3 Popular works. Textbooks
- 379.4 Philosophical and theological bearings of biology
- 379.5 **Evolution:** general treatises. Problem of species. Origins of life. Cladistic analysis
- 379.6 **Genetics** (incl. heredity, hybridization, variation, influence of environment)
- 379.7 Eugenics. Sociological bearings of biology

BIOCHEMISTRY, BIOPHYSICS AND BIOTECHNOLOGY

- 380.01 Series
- 380.1 Biochemistry: general (human and animal). *For human biochemistry alone, see 303.*
DNA. Enzymes. Lipids. Peptides. Globulin

NATURAL HISTORY

- 382.01 Series
- 382.1 Comprehensive works on Natural History (incl. popular books on nature study)
- 382.2 Biography of naturalists
- Collecting and preserving. Taxidermy. Display in museums
- 382.3 Museums: history, description, catalogues
- 382.4 **Animal ecology and ethnology.** Relation of animals to environment. Effects of environment on animals. Special environments (Forest. Steppe. Desert). Ecology. Radioecology. Ecosystems. Ecological biochemistry. Wildlife conservation. Nature conservation. National parks. Nature reserves. Biogeography.
For Human geography, see 695.3
- 382.5 Animal behaviour and psychology, general.
For the behaviour of specific animals, see relevant headings (e.g. primates, 397.55)
- 382.6 Social relations of animals. Migration. *For bird migration, see 395.7*

Geographical distribution

- 383.1 General works
- 383.12 Polar regions (Arctic and/or Antarctic). *See also 383.8*
- 383.14 Temperate zones
- 383.16 Tropical zones

Physiographic divisions

- 383.2 Land
- 383.24 Sea (Marine biology). Plankton. Marine pollution
- 383.26 Fresh water

Topographical divisions

- 383.3 Europe
- 383.31 Great Britain
- 383.4 Asia
- 383.5 Africa
- 383.6 America (North)
- 383.65 America (Central and South)
- 383.7 Australia and Pacific Islands
- 383.8 Polar regions (Arctic and/or Antarctic). *See also 383.12*

ZOOLOGY

- 384.01 Series
- 384.1 Collected works. Encyclopaedias. Dictionaries
- 384.13 History of the science. Biography of zoologists
- 384.15 General treatises. The animal kingdom. Parasitology
- 384.2 Museums and laboratories: history, description, catalogues
- 384.23 Menageries. Zoological gardens. Aquariums. *For Nature reserves, see 382.4*
- 384.25 Animal lore. Medical zoology

Climatic distribution

- 384.3 General works
- 384.32 Polar regions
- 384.33 Temperate zones
- 384.34 Tropical zones

Physiographic divisions

- 384.35 Land
- 384.36 Water. Ocean
- 384.37 Fresh water

Geographical divisions (Faunas)

- 384.4 Great Britain
- 384.45 Europe
- 384.5 Asia
- 384.55 Africa
- 384.6 America (North)
- 384.65 America (Central and South)
- 384.7 Australia. New Zealand
- 384.75 Pacific Islands
- 384.8 Classification and nomenclature

ANIMAL PHYSIOLOGY
GENERAL and COMPARATIVE

For books dealing exclusively with Human physiology, see 303

- 385.01 Series
- 385.1 Animal physiology: general works
Movement: muscular, ciliary, amoeboid
Respiration
Nervous system
Sex and reproduction. Parthenogenesis
- 385.6 Embryology, experimental. *This class is no longer used. See 386.8*
- 385.7 Cytology. Cell biology. *See also 373.3*
- 385.701 Series
- 385.8 General morphology

COMPARATIVE ANATOMY

- 386.01 Series
- 386.1 General works. *For atlases and pictorial works S386*
- 386.12 Comparative histology. Histochemistry
- 386.15 Skeleton. Bones (Osteology)
Muscular system
- 386.2 Circulatory system (Veins. Arteries. Heart)
Respiratory system
- 386.3 Alimentary system
Organs of secretion (Glands. Endocrine glands)
Comparative endocrinology
Excretory organs
Organs of reproduction
- 386.4 Nervous system
- 386.5 Skin. Hair. Nails
- 386.6 Sense organs (Smell. Touch. Taste. Sight. Hearing)
- 386.7 Anatomy of special parts (Head. Neck. Trunk. Limbs)
- 386.8 Embryology: general treatises

INVERTEBRATES

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- 388.01 Series
- 388.1 General treatises
- 388.2 Anatomy. Morphology. Physiology
- 388.3 Protozoa (unicellular or a-cellular animals)
- 388.4 Porifera (Sponges)
- 388.5 Coelenterata (Jellyfish. Polyps. Corals. Sea-anemones)
- 388.6 Echinodermata (Starfish. Sea-urchins). Hemichordata (Tunicates)
- 388.7 Vermes (Annelid worms. Leeches. Flukes. Nematodes)
Brachiopoda. Polyzo (Bryozoa)

MOLLUSCA. ARTHROPODA

- 390.01 Series
- 390.1 Molluscs. Shells. Conchology. Arthropoda
- 390.3 Crustacea (Barnacles. Lobsters. Crabs. Crayfish. Shrimps)
- 390.5 Myriapoda (Millepedes. Centipedes)
- 390.7 Arachnida (Spiders. Mites. Ticks)

ENTOMOLOGY

- 391.01 Series
- 391.1 General treatises on Insects. Catalogues. Collecting and preserving

Geographical distribution

- 391.2 Great Britain and Europe
- 391.3 Asia
- 391.4 Africa
- 391.5 America (North, Central and South)
- 391.7 Australia. New Zealand
- 391.8 Pacific islands
- 391.9 Arctic and Antarctica

By genus

- 392.1 Apterygota (Silverfish). Dermaptera (Earwigs)
Orthoptera (Grasshoppers. Locusts. Crickets. Cockroaches. Praying mantis)
- 392.2 Isoptera (White ants. Termites)
- 392.3 Ephemeroptera (Mayflies). Odonata (Dragonflies). Trichoptera (Caddis flies)
- 392.4 Hemiptera (Plant lice. Aphids. Phylloxera. Cicadas. Bugs)
- 392.5 Diptera (Flies. Mosquitos. Tsetse)
- 392.6 Lepidoptera (Butterflies. Moths)
- 392.7 Hymenoptera (Ants. Wasps. Bees)
- 392.8 Coleoptera (Beetles. Weevils. Fireflies)
- 392.9 Other kinds (Lice. Fleas, etc.)

CHORDATES including VERTEBRATES

393.01 Series

393.1 General works

FISHES393.2 Fishes, salt and fresh water. Special kinds. Sharks. *See also 383.24, 383.26 and 397.2***Geographical distribution**

393.3 Great Britain

393.35 Europe

393.4 Asia

393.5 Africa

393.6 America (North)

393.65 America (Central and South)

393.7 Australia and Pacific islands

393.8 Polar regions

REPTILES. AMPHIBIA

394.1 Comprehensive works

394.3 Reptiles (Crocodiles. Lizards. Snakes. Tortoises. Turtles)

394.5 Amphibia (Frogs. Newts. Salamanders. Toads)

BIRDS

395.01 Series

395.1 General works

395.13 Eggs and nests

395.15 Methods of attracting birds. Bird houses and sanctuaries

Geographical distribution

395.2 Great Britain

395.23 Europe

395.25 Asia

395.3 Africa

395.4 America (North)

395.45 America (Central and South)

395.5 Australia. New Zealand

395.55 Polar regions

395.6 Anatomy and morphology of birds

395.7 Physiology. Biology. Migration. *See also 382.5*395.8 Particular species. *For caged birds, see 441*

MAMMALS

397.1 Comprehensve works

Geographical distribution

397.15 Europe

397.2 Asia

397.22 Africa

397.24 America (North)

397.25 America (Central and South)

397.26 Australia and Pacific islands

397.28 Polar regions

Systematic divisions

397.3 Carnivora

397.32 Cetacea (Whales. Dolphins. Porpoises). *For Sharks, see 393.2*

397.35 Chiroptera (Bats)

397.4 Edentata (Ant-eaters. Sloths. Armadilloes)

397.42 Insectivora (Shrews. Hedgehogs. Moles)

397.5 Marsupialia (Kangaroos. Opossums)

397.52 Monotremata (Platypus. Echidna)

397.55 Primates (Lemurs. Monkeys. Apes)

397.6 Rodents (Beavers. Guineapigs. Porcupines. Rabbits. Rats. Squirrels)

397.65 Seals. Sea-lions

397.7 Ungulata: general

397.72 Ruminants (Hippopotamus. Pig. Giraffe. Goat. Cow. Sheep. Camel. Deer)

397.76 Horse. Rhinoceros. Tapir. Ass. Zebra

397.78 Elephants

397.8 Anatomy and Morphology of mammals