

- Function, the office which an organ is designed to perform, 29.
- Galeopithecus, its facilities for leaping, 93, 207.
- Galerites, 233.
- Gallinaceous, birds allied to the domestic fowl, 190.
- Gallop, 91.
- Ganglions, scattered nervous masses, from which nervous threads arise, 46.
- Ganoids, fishes having large, bony, enamelled scales, mostly fossil, 20.
- Gar-pike, 192.
- Gasteropods, mollusks which crawl by a flattened disk, or foot, on the under part of the body, like the snail, 22.
- Gastric juice, 99.
- Gavial, a crocodile, with a long, slender head.
- Gemmiparous reproduction, propagation by budding, 156.
- General properties of organized bodies, 35.
- Genus, 17.
- Geographical distribution of animals, 186; conclusions, 207.
- Geological succession of animals, 214.
- Germ, the earliest manifestation of the embryo, 42, 141.
- Germinative disk, 133, 137, 141; vesicle, 133, 137, 138; dot, 137, 138.
- Gestation, the carrying of the young before birth, 135.
- Gills, 31, 120, 124.
- Gizzard, 99.
- Glacial period, 236.
- Glands, 127; salivary, 127.
- Globules of chyle, 100.
- Glottis, 65.
- Goniomya, 230.
- Grallatores, birds with long legs for wading, 20.
- Grand-nurses of Cercaria, 162.
- Granivorous, birds feeding on grain
- Grit, coarse sandstone, 216.
- Gullet, 99.
- Hamites, 232.
- Hand, 83.
- Harmony of organs, 106.
- Harpes, 225.
- Hearing, 55
- Heart, 114.
- Herbivora, animals feeding on grass and leaves, 20.
- Hibernation, torpid state of animals during winter, 123.
- Hippurites, 233.
- Holothurians, soft sea-slugs, bichele-mar, 23.
- Homogeneous, uniform in kind, 126.
- Homology, 30.
- Humerus, the shoulder-bone, 81.
- Hyaline matter, pure, like glass, 39.
- Hydra, egg of, 133; propagation of, 156, 158.
- Hydrogen, a gas which is the principal constituent of water, 41.
- Hydroids, a family of polyyps, 23.
- Ichthyosaurus, 229, 232.
- Icterus Baltimore, nest of, 70.
- Igneous, that have been acted upon by fire, 215.
- Iguánodon, 229.
- Imbibition, 127.
- Inanimate, destitute of life, 43.
- Incisor teeth, 106.
- Incubation, hatching of eggs by the mother, 136.
- Infusoria, microscopic animals inhabiting water, not yet fully arranged in their proper classes, 24, 32; motions of, 40; generation of 172.
- Inoceramus, 232.
- Inorganic, not made up of tissues, 35.
- Insalivation, 108.
- Insects, number of, 27.
- Insessores, perching birds, like birds of prey, 20.
- Instinct, 67, 69.
- Intelligence, 67, 68.
- Intercellular passages, 37.
- Invertebrates, animals destitute of a back-bone.
- Iris, the colored part of the eye 40.
- Isótelus, 225.
- Jelly-fish. See Medusa.
- Judgment, 68.
- Kidneys, 130.
- Labyrinthodon, 228.
- Lacertans, animals of the lizard tribe, 20.
- Lacteals, vessels which take up the nutriment, 100.
- Lamellibranchiates, mollusks hav-