opposed metaphysics, 75; influence of, on German thought and literature, 212; sceptical philosophy of, replied to by Kant, *ib.*; and Kant, 219; in-tercourse with French thought, 268; influence of, 273; ii. 279; and German criticism, 323; 326; psychology, 497; genetic view, 506; the study of mankind, 529; quoted, 555.

- Hunter, John, English medical science, i. 208; anatomist, 284; ii. 247.
- Hunter, John and William, no connection with the English universities, i. 272.
- Hutton, James, a follower of Boscovich, i. 359; study of fossil remains, ii. 225; Cuvier's "catastrophism," 250; school of geology, 291; genetic view in geology, 330; 364; and Jameson, services to the study of natural history, i. 283; 290.
- Huxley, T. H., 'Lay Sermons' and other writings, i. 193, 201; quoted, 193, 292, ii. 252, 256, 257, 348, 376, 405, 448; 'American Addresses,' i. 194, ii. 364; on individuality of English scientists, i. 250; 'Science and Culture,' 282; 'Essay on Geo-logical Reform,' 283; 'Geological Reform' quoted, 291; 'Critiques and Addresses,' 293; 'Life of Charles Darwin,' 310; on Whewell and the mechanical equivalent of heat, ib. ; 'Scientific Aspects of Positivism, 310: on Comte, 'Lay Sermons' quoted, ii. 37; extract from "Lecture on the Study of Biology," 217; quotation from 'Life of Richard Owen,' 222; Goethe's ideas, 244, 246; Cuvier's work, 248; quoted on vertebral theory of the skull, 251; on Humboldt, 253; the term "homology," 259; on Cuvier and Oken, 260; 268; "Evolution in Biology," 278, 297, 347; controversy with Kelvin, 284; on Hutton, 291, 292; and Von Baer, 299, 302; 305; historical connection of Lamarck's ideas, 309; "Biology," 313; 321; theory of descent in France and Germany, 322; "Agnosticism," 326; "Reception of the 'Origin of Species,'" 327; 329; address to the Geological Society, 363; 'On Descartes.' 378; "vitalism,"406; 411; "On the Cell Theory," 423; history of Biogenesis, 451; the ubiquity of life, 452; psycho-physical parallelism, 519; theory of reflex action, 520.
- Huygens, Chr., variation of gravity in different latitudes, i. 99: 103; the theory of probabilities, 120; mechanical laws established by, 317; Newton and, ib.; formulæ of, 335; mechanical explanation of gravitation, 343, 351; phenomena of gravi-tation, 353; 389; kinetic view of nature, ii. 7; 8; followed by Young, 9; the theory of light, 13, 14, 17; periodic wave-motion, 21; 'Traité de la Lumière,' 22; motion of light, 42; conservation of energy, 99, 100; on probability, 565, 568.
- Hyatt, A., neo-Lamarckian, ii. 351.
- Ideal elements, ii. 664; Poncelet on, 674'; numbers, 727 ; Kummer's, 728.
- Ideals of life during nineteenth century, i. 32.
- Ideas, migration of, i. 29.
- Idéologues, Napoleon and the, i. 152; ii. 323.
- Imaginary, the, Cayley on, ii. 716.
- 'Index Lectionum' of Göttingen University, i. 165.
- Individualism of English character, i. 279.
- Individuality the centre of interest of the sciences, i. 125; ii. 746.
- Individuation, ii. 415.
- Inductive reasoning in England, i. 103.
- Infinite, the, ii. 643, 735; Hobson on, 736.
- Infinitesimal methods, necessity of developing, i. 373.
- Infinitesimals, method of, ii. 706.
- Inheritance, particulate, ii. 615.
- Inquiry, scientific method of, i. 30.
- Institute, French, reports of, i. 149.
- Institution, Royal, i. 264.
- Interests, human, unity of, i. 33.
- Introspective method, ii. 527.
- "Invariants," doctrine of, ii. 140, 676; MacMahon on, 676; history of, 677; unknown to Plücker, 677; Sylvester on, 684; different methods in, ib.
- Inventious, accidental, in sixteenth, seventeenth, and eighteenth centuries, i. 91.
- Inverse operations, ii. 639, 727.
- "Ions, migration of," ii. 164; 198.
- Ireland, Alexander, on authorship of the 'Vestiges,' ii. 318. Irvine, Dr, the term "capacity" first
- used by, ii. 102.
- Isenkrahe, C., 'Das Räthsel von der Schwerkraft,' i. 341, 342, 343, 377 : refers to Euler's ether theory, ii. S.