Weber, Eduard, i. 196, 519.

Weber, Ernst Heinrich, i. 196; school of, 200; law of sensation, ib.; "science of life," ii. 396; 402; psycho-physical phenomena, 496; 500; psycho-physics of vision, 504; 508; "touch and bodily feeling," 509; psycho-physics, 517, 519.

Weber, H., biographical notice of Wilhelm Weber, i. 304.

Weber Heinrich his treatise on algebra

Weber, Heinrich, his treatise on algebra,

ii. 729, 730.

Weber, Wilhelm, of Göttingen and Gauss, telegraph, i. 92; quoted, 171, 172, 196, 199, 211; 'Electrodynamische Maasbestimmungen,' 265, 303; 365; absolute measurements, 309, 323, ii. 117; perfected Coulomb's methods, i. 360; astronomical view of nature, 366; electrical researches of, 367, 368, 369; quoted, 370, 373; measurements of, 371, ii. 149; importance of his labours, i. 384; law of, ii. 67; 76; electro - magnetic measurements, 78; 79; statical and current electricity, 84; theory of, 87; researches, 92; 97; electric measurements, 143; electrical phenomena, 146; influences Helmholtz, theory of electro-dynamic phenomena, 151; electrical theory of, 153; atomic view of nature, 188; Helmholtz quoted, 189; 191, 192; electric particles, 197.

Webster, Daniel, the term "statist," ii.

555.

Webster, Thos., palæontological work of, i. 139.

Wegele, 'Gesch. d. deutschen Historiographie,' i. 206, ii. 555.

Weidmann, editions of the ancient

classics, i. 167.

Weiorstrass, ii. 630; Poincaré on, 638. 703; and Lagrange, 693; his theory of functions, 694; his pure analysis, 702; genesis of his ideas, 703; Lampe on, ib.; on non-differentiable functions, 705; 706; and Riemann compared, 707; on Riemann, 708; his letter to Schwarz, ib.; proves Gauss's statements, 726; 733.

Weight and mass, i. 336.

Weis, Samuel Christian, mentioned by

Verdet, ii. 41.

Weismann, A., 'Essays upon Heredity,' ii. 372; idioplasma theory, 448, 611; on heredity, 450; on pangenesis, 455; theory of evolution, ib.; "On the Duration of Life," 457; Essays on Descent and Heredity,' 459; versus Lamarck, 460.

Weissbach, influenced by Poncelet, ii. 101.

Weisse, Chr. H., influence on Lotze, ii.

500; 508. Weld, 'History of the Royal Society,' i. 90, 127, 227, 228, 283; quoted on the publication of the 'Principia,' 98.

Weldon, W. F. R., on crabs, ii. 621;

on Pearson's methods, 623. Wells, 'Essay on Dew,' i. 230; 'Two Essays upon Dew and Single Vision,

ii. 334; 347.

Werner, A. G., Freiberg Mining Academy, i. 17; school of geology of, 116; Cuvier on, 118; 155; connection of, with modern science, 175; scientific strife with Hutton, 283; 290; study of fossil remains, ii. 225; 266; and Hutton, 291; describes mineral character of rocks, 294.

Wernicke, language, ii. 539.

Wessel, Caspar, on imaginaries, ii.

Weyrauch, Jacob J., 'Kleinere Schriften und Briefe von Robert Mayer,' ii. 97,

Wheatstone and Cooke, first telegraph lines, i. 303.

Wheatstone, Ohm's law, i. 365; quoted, 366; stereoscope, ii. 486, 505; 506.

Whewell, Wm., on relations of the sciences, i. 37; identification of thought with philosophy, 62; 'Writings and Correspondence,' 91; crystallography, 117; 236; quoted, ib.; his influence, 261; 'History of the Inductive Sciences, 262, 277; 306, 365; 270; Analytical Society, 271; 'History of the Inductive Sciences' quoted, 291, 292, ii. 12; influenced by Kant, i. 307; origin and variation of species, 310; Avogadro's hypothesis not mentioned by him, 428; the final establishment of the undulatory theory, ii. 26; 'Philosophy of the Inductive Sciences,' 205; his divisions abandoned, 210; quotation from Linnæus, 220; account of vertebral theory. 251; 268; the study of functions, 269; 318; Bridgewater Treatise, 325, 327; Bacon's "method of instances, 558.

Whiston, on reluctance of Cambridge to accept theories of Newton, i. 270. White, Gilbert, of Selborne, i. 179;

'Natural History of Selborne,' 286;