http://geology.19thcenturyscience.org/books/1906-Merz-HistEurThot/README.htm

mann, *ib.*; on "particulate" inheritance, 615; on law of distribution, 617; on law of regression, 618.
Galvani, discoveries of, i. 363, ii. 150; galvanic current, 233; animal electricity, 474.
"Gamma" function, ii. 696.
Garnett, R., on Georg Forster, i. 52; 179.
Garnett, W., and Campbell, 'Life of Clerk-Maxwell,' ii. 599.
Gärtner, investigations of, ii. 415.
Gases, liquefaction of, i. 316; the kinetic theory of, 425, ii. 34; i. 433.
Gaskell, Dr, cerebro-spinal nerves, ii. 429; analysis of process of "metabolism," 442.
Gassendi taught at the Collège de France, i. 107; 385.
Gassiot, experiments with vacuum tubes, ii. 190.
Gatterer of Göttingen University, i. 165.
Gauss, Carl Fr., i. 44, 45; orbit of Ceres, 54; works of, 82; and Weber, the telegraph, 92, 367; 'Disquisitiones Arithmeticæ,' 105, 120, ii. 682; Lobatchevski and Bolyai, i. 161; and Humboldt, 167; and Zach, 177; 178; mathematical researches, 181; 182; least squares, 183; 184, 185, 188, 189, 191, 200, 207, 211; "exact habit of thought," 222; 231, 238, 247; measurement of magnetic action, 265; 303; absolute measurements, 309, 369; astronomical work of, 314, 331; measurements of, 322; 'Theoria motus corporum cœlestium,' 324; calculus of probabilities, 325; 352; Coulomb's methods, 360, 362; 365; importance of his work, 384; "Topologie," ii. 63; researches into electrical phenomena, 67; 76; electromagnetic measurements, 78; system of absolute measurements, 117; arithmetical discoveries of, 124; influences Helmholtz, 150; 197, 254; science of chances, 568; theory of error, 574; 575; method of least squares, 576; doctrine of probabilities, 577; law of error, 616; and Newton compared, 630; rediscovery of Ceres, *ib.*; pioneer of modern mathematics, 636; Bessel on, *ib.*; his style criticised by Abel, 637; 640; his fundamental theorem, 644, 688; on convergency, 646; his work on higher functions, 648 *et seq.*; on fundamentals, 652; his influence on Bolyai, Lobatchevski, and others, 652; anticipates the work of others, *ib.*; compared to Goethe, 653; on extended system of numbers, 654; reforms theory of numbers, 680 *et seq.*, 720; on determinants, 682; 686, 688, 693, 695, 697, 698; on conformal images, 701; on non-Euclidean geometry, 710, 713; measure of curvature, 714; theory of congruences, 723; on mathematical calculi, 724; on bi-quadratic residues, 725; 732; not a great teacher, 646, 743.
Gauss and Gerling, ii. 713.
Gauss and Schumacher, correspondence, ii. 710.
Gauss and Weber, telegraph, i. 92, 367; school of, ii. 702.
Gay-Lussac, Memoirs of, i. 83; 'Annales de Chymie et de Physique,' 189; 190; organic analysis, *ib.*; chemical discoveries, 398, 407; experiments, 425; 426–429; Fresnel's 'Mémoire sur la Diffraction,' ii. 25; visit to England, 27; experiment in heat measurement, 109; 154, 592.
Geddes and Thomson, 'The Evolution of Sex,' ii. 227, 455, 458, 459; sexual selection, 344; "Reproduction," 348.
Gegenbaur, school of Darwinism in Germany, ii. 436.
Gehlen, 'Allgemeines Journal für Chemie,' i. 41.
Geikie, Sir Archd., quoted on Playfair's 'Huttonian Theory of the Earth,' i. 283; G. Wilson and, 'Memoir of E. Forbes,' 288.
Geissler, fellow-worker with Plücker, ii. 76; electrical researches, 189; vacuum tubes, 190.
Geitel (see Elster), ii. 190.
Generalisation, process of, in mathematics, ii. 638; 650.
Generalised co-ordinates, Plücker, ii. 673.
"Genesis," ii. 279.
Genetic view of nature, ii. 276, 290; in Germany and France, 321; triumph of, 328; on a large scale, 345; strengthened by physics and chemistry, 355.
Genetics, ii. 213.
Genius, latent thought the material of, i. 8.
'Gentleman's Magazine,' ii. 679.
Geography, historical, i. 294.
Geological Society, i. 290.
Geology, ii. 290.