

- Commercial geographies.*
3. Trade, colonization, commerce, weights and measures, auctions.
 +. History of commerce, colonization, and prices. Tariffs (except U. S., U y 7 Δ), mails, commercial dictionaries, periodicals, etc.
 Δ . Reports of Companies, including Boards of Trade. Trade unions. Guilds.
4. Slavery and the slave trade. (See U y 5.)
 +. African colonization. Liberia. (See U d 12 vi, U x 10.)
5. Internal improvements, civil engineering, water-works, roads, canals, bridges, tunnels, wheel carriages, etc.
 +. Histories and reports. Canal companies. (See U x 4 +.)
6. Railroads, tramways, locomotives, including reports of companies, railway guides, and excursions. (See U c 1.) Railway engineering. *Railroad juries*
7. Hospitals (see I n 8), dispensaries, and poor-houses. Lazarettos, quarantine. Public and private charities, *and reports of the same (see I n 8)*
- k. Physics. Natural philosophy. Dictionaries and encyclopedias; general and miscellaneous treatises, systems, histories, etc. Popular science. *Tram actions*
1. Electricity, galvanism, magnetism, heat, gravitation, force.
 2. Electricity, etc., applied to the arts. Telegraphs, telephones, etc.
 3. Meteorology, pneumatics, winds, storms, the barometer, magnetic observations, climate. *The signal service.*
 +. Ballooning. *Aviation. Aeronautics.*
4. Chemistry.
 5. Applied chemistry.
 6. Spectrum analysis.
- l. Natural history: General and miscellaneous works. Cosmology. The creation. Museums. Transactions. Δ Collectors' manuals. (See I y.)
1. Natural history of different countries, etc.
 2. Geology, palæontology, fossils, glaciers, volcanoes, earthquakes, waters, etc.
 +. Baths, springs, mineral waters. Water analysis.
 Δ . Petroleum. *Reports of oil companies*
3. Geological reports, maps, etc., alphabetically arranged.
 4. Mineralogy, mines, metals, reduction of ores.
 +. Coal and iron. (See I u 3.) Peat.
 Δ . Mining companies, etc.
5. Botany.
 +. Trees and shrubs. (See I u 11 +, I u 12.)
 Δ . Transactions and periodicals.
6. Zoology, Taxidermy, Instinct.
 +. Birds.
7. Biology, origin of species, Darwinism, evolution, spontaneous generation, life. *Lucretius*
- m. Anthropology, the natural history of man, the unity of the human race, etc. (See U f 1.)
1. Descent of man; heredity. *Darwinism*

*Emigration**Director's maps**zoology Natural history director* *Δ Insects*