AUTHENTICATED
U.S. GOVERNMENT
INFORMATION
GPO

For purchase of pump-house lot on U street northwest, Washington, District of Columbia, two thousand two hundred and seventy-five dollars.

Interest, etc.

For interest and sinking-fund on water stock bonds, forty-four thousand six hundred and ten dollars.

For interest on account of increasing the water-supply, as provided in the act of July fifteenth, eighteen hundred and eighty-two, thirty-four thousand five hundred and seventy-five dollars and thirty-nine cents.

For sinking-fund on account of increase of water-supply, under act of July fifteenth, eighteen hundred and eighty-two, fifty-two thousand three hundred and eighty-six dollars and ninety-six cents.

Limit of requisitions.

SEC. 2. That said Commissioners shall not make requisitions upon the appropriations from the Treasury of the United States for a larger amount during the fiscal year eighteen hundred and eighty-nine than they make on the appropriations arising from the revenues, including drawback certificates, of said District.

Money from sales of property to be deposited to credit of District of Columbia and United States equally.

SEC. 3. That all moneys received from sales of animals or material of any sort purchased under appropriations, other than for the water department, for the District of Columbia, made since July first, eighteen hundred and seventy-eight, shall be paid into the Treasury of the United States to the credit of the United States and the District in equal parts; and all balances of appropriations made for the District of Columbia under section three of the act of June eleventh,

Vol. 20, p. 104.

eighteen hundred and seventy-eight, entitled "An act providing a permanent form of government for the District of Columbia," remaining unexpended at the end of two years from the close of the fiscal year for which such appropriations were or may be made, shall be covered into the Treasury, one-half to the credit of the surplus fund and one-half to the credit of the general fund of the District of Columbia.

Approved, July 18, 1888.

July 18, 1888.

CHAP. 677.—An act making an appropriation for the Department of Agriculture for the fiscal year ending June thirtieth, eighteen hundred and eighty-nine, and for other purposes.

Agricultural Department appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, out of any money in the Treasury of the United States not otherwise appropriated, in full compensation for the fiscal year ending June thirtieth, eighteen hundred and eighty-nine, for the purposes and objects hereinafter expressed, namely:

DEPARTMENT OF AGRICULTURE.

OFFICE OF COMMISSIONER.

Pay of Commissioner, clerks, etc.

For compensation of Commissioner of Agriculture, five thousand dollars; chief clerk in said Department, who shall be superintendent of the Department buildings, two thousand five hundred dollars; chief of division of accounts and disbursing officer, two thousand dollars; one assistant disbursing officer who shall act as property clerk, one thousand four hundred dollars; one clerk to disbursing officer, one thousand four hundred dollars; clerk to disbursing officer, one thousand dollars; one stenographer, one thousand eight hundred dollars; one engraver, two thousand dollars; one draughtsman, two thousand dollars; two clerks of class four, three thousand six hundred dollars; two clerks of class three, three thousand two hundred dollars; four clerks of class two, five thousand six hundred dollars; seven clerks of

class one, eight thousand four hundred dollars; eight clerks, at one thousand dollars each; six clerks, at eight hundred and forty dollars each; one librarian, one thousand eight hundred dollars; one engineer, one thousand four hundred dollars; one fireman at seven hundred and twenty dollars; one fireman, who shall be a steam-fitter at nine hundred dollars; one assistant fireman at five hundred dollars; superintendent of folding-room, one thousand four hundred dollars; four assistants in folding-room at six hundred dollars each; one clerk in folding-room at six hundred and sixty dollars; two night watchmen at seven hundred and twenty dollars each; messengers, carpenters, laborers and charwomen, ten thousand dollars; in all, seventy-four thousand one hundred and sixty dollars.

BOTANICAL DIVISION.

Botanical division.

One botanist, two thousand dollars; one assistant botanist, one thousand four hundred dollars; one botanical clerk, eight hundred and forty dollars; one assistant botanist, one thousand two hundred dollars.

Section of vegetable pathology: One chief of section, two thousand dollars; one assistant, one thousand four hundred dollars; one clerk, one thousand dollars; in all, for botanical division, nine thousand eight hundred and forty dollars.

POMOLOGICAL DIVISION.

Pomological division.

One pomologist, two thousand dollars, one clerk, one thousand dollars; in all, for pomological division, three thousand dollars.

MICROSCOPICAL DIVISION.

Microscopical division.

One microscopist, two thousand dollars; one assistant microscopist, one thousand two hundred dollars; in all, three thousand two hundred dollars.

CHEMICAL DIVISION.

Chemical division.

One chief chemist, two thousand five hundred dollars; one assistant chemist, one thousand eight hundred dollars; one assistant chemist, one thousand six hundred dollars; employment of additional assistants in the chemical division, when necessary, six thousand dollars; in all, eleven thousand nine hundred dollars.

ENTOMOLOGICAL DIVISION.

Entomological division.

One entomologist, two thousand five hundred dollars; one assistant entomologist, one thousand eight hundred dollars; one assistant entomologist or clerk, one thousand six hundred dollars; one assistant entomologist or clerk, one thousand four hundred dollars; in all, seven thousand three hundred dollars.

DIVISION OF ECONOMIC ORNITHOLOGY AND MAMMALOGY.

Division of economic ornithology and mammalogy.

One ornithologist, two thousand five hundred dollars; one assistant ornithologist, one thousand six hundred dollars; one assistant ornithologist, one thousand five hundred dollars; one clerk at one thousand two hundred dollars; one clerk at six hundred and sixty dollars; and one clerk at six hundred dollars; in all, eight thousand and sixty dollars.

EXPERIMENTAL GARDEN AND GROUNDS.

Experimental garden and grounds.

One superintendent, two thousand five hundred dollars.

Museum.

MUSEUM.

One curator of museum, one thousand four hundred dollars; one assistant, one thousand dollars; one night watchman for museum building, who shall also act as night watchman for seed building, seven hundred and twenty dollars; in all, three thousand one hundred and twenty dollars.

Seed division.

SEED DIVISION.

One chief of seed division, two thousand dollars; one superintendent of seed-room, one thousand six hundred dollars; four clerks at one thousand dollars each; one clerk at eight hundred and forty dollars; in all, eight thousand four hundred and forty dollars.

Statistical division.

STATISTICAL DIVISION.

One statistician, two thousand five hundred dollars; two clerks of class four, three thousand six hundred dollars; three clerks of class three, four thousand eight hundred dollars; four clerks of class two, five thousand six hundred dollars; five clerks of class one, six thousand dollars; seven clerks at one thousand dollars each; four clerks at eight hundred and forty dollars each; two clerks at seven hundred and twenty dollars each; in all, thirty-four thousand three hundred dollars.

Forestry division.

FORESTRY DIVISION.

One chief of forestry division, two thousand dollars.

Investigations and miscellaneous expenses.

MISCELLANEOUS.

Botanical division.

Botanical investigations and experiments—Botanical division: For purchasing specimens, paper, and all necessary materials for the herbarium, and for labor in preparing same; for investigations and experiments with grasses and forage plants, including the establishment and maintenance of experimental grass stations, and of other economic and medicinal plants, and for traveling and other necessary expenses connected therewith; and for employing local botanists for exploration and collection of plants in little-known districts, and for special work for the improvement of the herbarium, and for artists for drawing and engraving, twenty thousand dollars.

Section of vegetable pathology: For investigating the nature of the diseases of fruits and fruit-trees, grain, and other useful plants, due to parasitic fungi; for chemicals and apparatus required in the field and laboratory; for experiments with remedies; for necessary traveling expenses; for the preparation of drawings and illustrations, and for other expenses connected with the practical work of the investigation, fifteen thousand dollars, of which ten thousand dollars or so much thereof as may be necessary may be applied to the investigation of the disease in peach trees known as yellows and remedies therefor.

Disease in peach trees.

Pomological division.

Pomological information.—Pomological division: For traveling within the United States and other necessary expenses in investigating, collecting, and disseminating pomological information, four thousand dollars.

Microscopical division.

Investigating the adulteration of food.—Microscopical division: For microscopical apparatus, chemicals, photographic illustrations, and other necessary supplies; for traveling expenses, and for the purchase of food samples and fibers in making investigations and examinations into the adulterations of food, one thousand dollars.

Chemical division.

Laboratory.—Chemical division: For chemical apparatus, chemicals, laboratory fixtures and supplies, purchase of samples, and necessary expenses in conducting special investigations, including

necessary traveling expenses, labor and expert work in such investigations, six thousand dollars: *Provided*, That the accounting officers of the United States Treasury are hereby authorized and directed to allow credit to Norman J. Colman, Commissioner of Agriculture, in the sum of eighteen hundred and sixteen one-hundredths dollars, on his account for "laboratory" for the fiscal year ending June thirtieth, eighteen hundred and eighty-five, disallowed by the First Comptroller as per his report of adjustment of laboratory account numbered two hundred and forty-seven thousand five hundred and four, dated December nineteenth, eighteen hundred and eighty-five. And the accounting officers of the Treasury are authorized and directed to allow the suspended account of George B. Loring, late Commissioner of Agriculture, the several sums which were expended by him in the purchase of sorghum-seed and beet-seed, and for labor in the distribution of the same, from October first, eighteen hundred and eighty-four, to September thirtieth, eighteen hundred and eighty-five, inclusive, which expenditures were made from the laboratory fund, so called, and which the First Comptroller of the Treasury has decided not to be properly chargeable to said fund, said allowance not to exceed the sum of twenty thousand eight hundred and seven dollars and eighty cents.

Proviso.

Allowance to Norman J. Colman.
Vol. 23, p. 38.

Allowance to George B. Loring.

Investigating the history and habits of insects.—Entomological division: For the promotion of economic entomology, investigating the history and habits of insects injurious and beneficial to agriculture, arboriculture, and horticulture; experiments in ascertaining the best means of destroying them; for publishing reports thereon; and for illustrations, chemicals, traveling within the United States, and other expenses in the practical work of the entomological division, twenty thousand dollars.

Entomological division.

For collecting and disseminating information relating to silk-culture; for purchasing and distributing silk-worm eggs, and for conducting at some point in the District of Columbia experiments with automatic machinery for reeling silk from the cocoon, and for expenses incurred in collecting, purchasing, preparing for transportation, and transporting cocoons, and for expenses of stations in connection therewith, and for necessary traveling expenses, twenty thousand dollars. And the Commissioner of Agriculture is hereby authorized to sell in open market any and all reeled silk and silk waste produced in these experiments, and to apply the proceeds of such sales to the payment of the legitimate expenses incurred therein; and the Commissioner of Agriculture shall make full report to Congress of the experiments herein provided for, and also of all sales and purchases made under this paragraph, with the names and residences of all producers of cocoons of whom purchases are made.

Silk culture.

Sales.

For the encouragement and development of the culture of raising raw silk, five thousand dollars, to be expended under the direction of the Woman's Silk Culture Association of the United States, located at Philadelphia, and to be paid directly to said association; and said association shall make a full and detailed report of the expenditures and results obtained under this appropriation, and also under the appropriation to said association made for the fiscal years eighteen hundred and eighty-seven and eighteen hundred and eighty-eight, as provided by law, if not already made, to the Commissioner of Agriculture, who shall transmit the same to Congress, and two thousand five hundred dollars for the same purposes and under the same restrictions and conditions, to the California Ladies' Silk Culture Association of California, and for the continuation of the study and experiments by Joseph Neumann, of the wild native silk-worm of California, two thousand five hundred dollars; and the said Joseph Neumann shall report the results of such work to Congress through the Commissioner of Agriculture on or before the first day of January, eighteen hundred and eighty-nine.

Woman's Silk Culture Association.

Report.

California Ladies' Silk Culture Association.

Post, p. 630.

Report.

Division of economic ornithology and mammalogy.

Division of economic ornithology and mammalogy: For the promotion of economic ornithology and mammalogy; an investigation of the food habits, distribution, and migrations of North American birds and mammals, in relation to agriculture, horticulture, and forestry; for publishing report thereon; and for drawings, traveling and other expenses in the practical work of the division, four thousand dollars.

Gardens and grounds.

Experimental gardens and grounds: For labor in experimental gardens and grounds, the care of conservatories, plant and fruit propagating and seed-testing houses, the keep of the reservation, lawns, trees, roadways, and walks, twelve thousand dollars.

Tools, materials, etc.

For blacksmithing, the purchase of tools, wagons, carts, harness, lawn-mowers, and other machinery, and the necessary labor and material for repairing the same; for the purchase of new and rare kinds of seeds, plants, and bulbs for propagating purposes, including expense of material and labor in packing plants for distribution and for transportation, for necessary pots, tubs, watering-cans, and hose, materials for the destruction of insects, and all other necessary items for the cultivation and improvement of the grounds and arboretum; for the purchase of glass, paints, lumber, and tin for roofing and spouting, hardware, and for carpenter, painter, and other mechanical work necessary for keeping in good repair the conservatories, greenhouses, and other garden structures, fourteen thousand six hundred and forty dollars.

Museum.

Museum: For collecting and modeling fruits, vegetables, and other plants, for labor and material in preparing them for the museum, one thousand dollars.

Seed division.

Seed division: For the purchase, propagation, and distribution, as required by law, of seeds, bulbs, trees, shrubs, vines, cuttings, and plants, and expenses of labor, transportation, paper, twine, gum, printing, postal-cards, and all necessary material and repairs for putting up and distributing the same, and to be distributed in localities adapted to their culture, one hundred thousand dollars.

Distribution.

An equal proportion of two-thirds of all seeds, trees, shrubs, vines, cuttings, and plants shall, upon their request, be supplied to Senators, Representatives, and Delegates in Congress for distribution among their constituents; and the person receiving such seeds shall inform the Department of results of the experiments therewith:

Provisos.
Distribution of seeds, etc., uncalled for.

Provided, That all seeds, plants, and cuttings herein allotted to Senators, Representatives, and Delegates to Congress for distribution remaining uncalled for at the end of the fiscal year shall be distributed by the Commissioner of Agriculture: *And provided also*, That the Commissioner shall report, as provided in this act, the place, quantity,

Purchase.

and price of seeds purchased, and the date of purchase. But nothing in this paragraph shall be construed to prevent the Commissioner of Agriculture from sending flower, garden, and other seeds to those who apply for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, propagation, and distribution of improved and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants: *But provided, however*, That the Commissioner shall not distribute to any Senator, Representative,

Distribution to be adapted to locality.

or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each member may have seeds of equal value, as may be, and the best adapted to the locality he represents.

Printing, etc.

Printing seed-pockets, labels, postal-cards, circulars and-so-forth, labor, paper, ink, type, and other necessary material for printing, and for purchasing and repairing presses, four thousand two hundred dollars; in all, one hundred and four thousand two hundred dollars.

Division of Agricultural statistics.

Collecting agricultural statistics, division of agricultural statistics: For collecting domestic and foreign agricultural statistics: for expenses of local investigations and compilations, and for necessary

traveling expenses; for statistical publications furnishing data for permanent comparative records; for compiling, writing, and illustrating statistical matter for monthly, annual and special reports, and for the necessary expenses of the same, including paper and envelopes, postal-cards and postage-stamps, sixty-five thousand dollars.

Maps. For preparation of maps and charts illustrating the progress of rural production in the United States, and showing local crop distribution and limitation, five thousand dollars.

Furniture, cases, and repairs. Furniture, cases, and repairs: For repairing buildings, heating apparatus, furniture, carpeting, matting, water and gas pipes, new furniture, and all necessary material and labor for the same, including, lumber, hardware, glass, and paints, seven thousand three hundred and fifty dollars.

Library. Library: For entomological, botanical, and historical works of reference, works on chemistry, forestry, mineralogy, maps, charts, current agricultural works for library, miscellaneous agricultural periodicals, and the completion of imperfect series, two thousand dollars.

Bureau of Animal Industry. Vol. 23, p. 31. Salaries and expenses Bureau of Animal Industry: For carrying out the provisions of the act of May twenty-ninth, eighteen hundred and eight-four, establishing the Bureau of Animal Industry, five hundred thousand dollars; and the Commissioner of Agriculture is hereby authorized to use any part of this sum he may deem necessary or expedient, and in such manner as he may think best, to prevent the spread of pleuro-pneumonia, and for this purpose to employ as many persons as he may deem necessary, and to expend any part of this sum in the purchase and destruction of diseased or exposed animals and the quarantine of the same whenever in his judgment it is essential to prevent the spread of pleuro-pneumonia from one State into another, and of this sum an amount not exceeding fifteen thou sand dollars may be applied to the payment of expenses incurred during the fiscal year eighteen hundred and eighty-eight: *Provided*, That fifteen thousand dollars, or so much thereof as may be necessary, may be expended in continuation of the investigations and experiments, to be conducted within the United States, into the nature, causes, and remedies for the prevention and cure of hog cholera and swine plague.

Proviso.

Investigation of hog cholera.

Quarantine stations for neat-cattle. Quarantine stations for neat-cattle: To establish and maintain quarantine stations, and to provide proper shelter for and care of neat-cattle imported, at such ports as may be deemed necessary, fifteen thousand dollars.

Forestry division. Division of forestry: For the purpose of enabling the Commissioner of Agriculture to experiment and to continue an investigation and report upon the subject of forestry, and for traveling and other necessary expenses in the investigation and the collection and distribution of valuable economic forest-tree seeds and plants, eight thousand dollars.

Manufacture of sugar from sorghum. To enable the Commissioner of Agriculture to continue experiments in the manufacture of sugar from sorghum cane, including the purchase and transportation of samples and supplies, one hundred thousand dollars: *Provided*, That the Commissioner is hereby required to make a separate report to Congress stating fully and accurately an itemized account of every expenditure made under this provision and the results of all experiments made, and also including the purchase and transportation of samples and supplies.

Proviso.

Report.

Postage. Postage: For postage on return-letters, circulars, and miscellaneous articles for correspondents and foreign mail, four thousand dollars.

Contingent expenses. Contingent expenses: For stationery, freight, express-charges, fuel, lights, subsistence and care of horses, repairs of harness, for paper, twine, and gum for folding-room, advertising, telegraphing, dry-goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, purchasing supplies, washing towels, actual traveling

expenses while on the business of the Department, and other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the Department, fifteen thousand dollars.

EXPERIMENTAL STATIONS.

Experiment stations. Vol. 24, p. 440.

That to carry into effect the provisions of an act approved March second, eighteen hundred and eighty-seven, entitled "An act to establish agricultural experiment stations in connection with the colleges established in the several States, under the provisions of an act approved July second, eighteen hundred and sixty-two, and of the acts supplementary thereto," five hundred and ninety-five thousand dollars; ten thousand dollars of which sum shall be payable upon the order of the Commissioner of Agriculture to enable him to carry out the provisions of section three of said act of March second, eighteen hundred and eighty-seven, and to compare, edit, and publish such of the results of the experiments made under section two of said act by said experimental stations as he may deem necessary; and for these purposes the Commissioner of Agriculture is authorized to employ such assistants, clerks, and other persons as he may deem necessary.

Reports.

Approved, July 18, 1888.

July 19, 1888.

CHAP. 678.—An act authorizing the Mississippi and Louisiana Bridge and Railroad Company of Natchez, Mississippi, to construct a bridge over the Mississippi River at or near Natchez, Mississippi.

Mississippi and Louisiana Bridge and Railroad Company may bridge Mississippi River at Natchez, Miss.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Mississippi and Louisiana Bridge and Railroad Company of Natchez, Mississippi, a corporation duly incorporated under the laws of the State of Mississippi, be, and they are hereby, authorized to construct, maintain, and use a railroad bridge over the Mississippi River at or near Natchez at such point selected by them as the most suitable.

Railroad bridge.

Construction.

SEC. 2. That said bridge may be constructed of continuous, unbroken spans, or as a cantilever or suspension bridge, or a combination of these systems, together with such improvements as science and practical experience may suggest and as shall be deemed best, and to cross said river at right angles to the current thereof, and to be supported on iron cylinders filled with concrete or other material, with a superstructure of masonry or iron piling, or a combination of masonry and iron piling, or such other approved modes of support for the superstructure as may be deemed best.

Spans.

SEC. 3. That the main channel-span shall not be less than seven hundred feet wide in the clear, to be placed at right angles to the direction of the current, and that the spans on either side of and next to the main span shall not be less than six hundred feet in clear width, and that the height in the clear of the spans and the location of the piers shall be approved by the Secretary of War before the bridge is constructed: *Provided*, That the height of said span shall not be less than seventy-five feet.

Proviso. Height.

Piers.

SEC. 4. That the piers of the spans shall be built parallel with the current at that stage of the river, and that no ripraps will be permitted in the channel-way of the openings.

Notice.

SEC. 5. That said Mississippi and Louisiana Bridge and Railroad Company shall give due notice by publication for one week in one or more of the newspapers in the cities of Pittsburgh, Cincinnati, Louisville, Saint Louis, Memphis, Natchez, and New Orleans, and shall submit to the Secretary of War, for his examination and approval, a design and drawings of the bridge and piers, and a map of the location,

Plans, map, etc.