

**CHAP. 373.**—An act making an appropriation for the Department of Agriculture for the fiscal year ending June thirtieth, eighteen hundred and ninety, and for other purposes.

March 2, 1889.

*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 ninety, for the purposes and objects hereinafter expressed, namely:

Agricultural Department appropriations.

**DEPARTMENT OF AGRICULTURE.**

**OFFICE OF THE SECRETARY.**

For compensation of Secretary of Agriculture, eight thousand dollars; Assistant Secretary of Agriculture, four thousand five hundred 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 assistant librarian, one thousand four 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, eighty-three thousand and sixty dollars.

Pay of Secretary, Assistant clerks, etc.

**BOTANICAL DIVISION**

Botanical division.

One botanist, two thousand five hundred dollars; one assistant botanist, one thousand four hundred dollars; one botanical clerk, one thousand 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, ten thousand five hundred dollars.

**POMOLOGICAL DIVISION.**

Pomological division.

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

**MICROSCOPICAL DIVISION.**

Microscopical division.

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

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; one assistant statistician, two thousand dollars; one clerk of class four; 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 five hundred dollars.

## Forestry division.

## FORESTRY DIVISION.

One chief of forestry division, two thousand dollars.

## MISCELLANEOUS.

Investigations and miscellaneous expenses.  
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. And the unexpended balance of appropriations under this head for the current fiscal year is hereby reappropriated and made available for the fiscal year eighteen hundred and ninety.

Reappropriation.

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.

Vegetable pathology.

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

Pomological 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.

Microscopical 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.

Chemical division.

Chemical Division: To enable the Secretary of Agriculture to extend and continue the investigation of the adulteration of food, drugs, and liquors, including the purchase of samples, transportation, traveling expenses, stationery, return postage, printing and illustrating, analyzing, investigating, and examining samples purchased on the open market, the sum of five thousand dollars, to be made immediately available; and for these purposes the Secretary of Agriculture is authorized to employ such assistants, clerks, and other persons as he may deem necessary: *Provided*, That the Secretary is hereby required to make a separate report to Congress as to when and where the samples of food, liquors, and drugs were purchased, when and where analyzed, and the result of such analysis, together with the name of the manufacturer and the brand or label on the package or article.

Examination of food, etc., adulterations.

*Provido.*

Separate reports.

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, arborculture, and horticulture; experiments in ascertaining the best means of destroying them, and preventives to the biting of domestic animals by poisonous insects and remedies and antidotes for such bites; 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

Silk culture.

- 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 Secretary 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 Secretary 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.
- Sales.**
- Woman's Silk Culture Association.** 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, to the Secretary 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 Ladies' Silk Culture Society 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, to be paid directly to said Joseph Neumann; and the said Joseph Neumann shall report the results of such work to the Secretary of Agriculture on or before the first day of January, eighteen hundred and ninety.
- Report.**
- Ladies' Silk Culture Society.**
- Joseph Neumann.**
- 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, seven thousand dollars, of which sum one thousand dollars shall be immediately available.
- 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, 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, green-houses, 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: *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 Secretary of Agriculture: *And provided also*, That the Secretary shall report, as provided in this act, the place, quantity, and price of seeds purchased, and the date of purchase. But nothing in this paragraph shall be construed to prevent the Secretary 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 Secretary shall not distribute to any Senator, Representative, 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 maybe, and the best adapted to the locality he represents.

*Provisos.*

Seeds uncalled for.

Purchases.

Distribution to be adapted to locality.

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

Printing, etc.

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, seventy-five thousand dollars: *Provided*, That ten thousand dollars of this sum, or so much thereof as may be necessary, may be expended for the preparation and printing of maps and charts, illustrating the progress of rural production and crop distribution of the United States, and for special investigation of the agricultural statistics of the States and Territories of the Rocky Mountain region, with traveling and other necessary expenses connected therewith.

Statistical division

*Proviso.*

Crop charts, etc.

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.

Furniture, cases, and repairs.

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.

Library.

Salaries and expenses Bureau of Animal Industry: For carrying out the provisions of the act of May twenty-ninth, eighteen hundred and eighty-four, establishing the Bureau of Animal Industry, five hundred thousand dollars; and the Secretary 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: *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

Bureau of Animal Industry.  
Vol. 23, p. 31.

*Proviso.*

Investigation of hog cholera.

Duties of Secretary of Agriculture.

States, into the nature, causes, and remedies for the prevention and cure of hog cholera and swine plague. The authority granted to the Commissioner of Agriculture by the act of May twenty-ninth, eighteen hundred and eighty-four, establishing the Bureau of Animal Industry, and by the provision of the appropriation act for the Agricultural Department, approved July eighteenth, eighteen hundred and eighty-eight, relating to said Bureau, is hereby vested in the Secretary of Agriculture; and the said Secretary is hereby authorized and directed to perform all the duties named in said acts and all other acts of Congress in force on February eighth, eighteen hundred and eighty-nine, to be performed by the Commissioner of Agriculture.

Vol. 23, p. 31.  
Ante, p. 333.

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 Secretary 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.

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.

Manufacture of sugar from sorghum and beets.

Experiments in manufacture of sugar from sorghum and beets: To enable the Secretary of Agriculture to continue experiments in the manufacture of sugar from sorghum and from beets, and especially to so continue said experiments as to result in the acquisition and extension of knowledge concerning all the processes of the production of cane and beets and the best varieties of the same, and the manufacture of the same into sugar, including the purchase and transportation of samples and supplies, twenty-five thousand dollars. And the sum remaining unexpended from the appropriation for this purpose for the fiscal year eighteen hundred and eighty-nine is hereby reappropriated and made available for the purposes hereinbefore expressed: *Provided*, That the Secretary of Agriculture is hereby required to make a separate report to Congress, on or before the first day of February, eighteen hundred and ninety, 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.

Re-appropriation.  
Ante, p. 333.

*Proviso.*  
Report.

Experimental stations.

#### EXPERIMENTAL 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," six hundred thousand dollars, fifteen thousand dollars of which sum shall be payable upon the order of the Secretary of Agriculture to enable him to carry out the provisions of section three of said act of March second, eighteen hundred and

Preparation of reports, etc.

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 Secretary of Agriculture is authorized to employ such assistants, clerks, and other persons as he may deem necessary: *Provided*, That, as far as practicable, all such stations shall devote a portion of their work to the examination and classification of the soils of their respective States and Territories, with a view to securing more extended knowledge and better development of their agricultural capabilities.

Approved, March 2, 1889.

*Proviso.*

Examination of soils.

**CHAP. 374.**—An act making appropriations for the service of the Post-Office Department for the fiscal year ending June thirtieth, eighteen hundred and ninety.

March 2, 1889.

*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 for the service of the Post-Office Department, in conformity with the act of July second, eighteen hundred and thirty-six, as follows:

Postal service appropriations.

**OFFICE OF THE POSTMASTER-GENERAL.**

Postmaster-General.

For mail depredations, and post-office inspectors, and fees to United States marshals, attorneys, and the necessary incidental expenses connected therewith, two hundred thousand dollars.

Mail depredations inspectors.

For advertising, eighteen thousand dollars.

Advertising.

For miscellaneous items in the office of the Postmaster-General, one thousand five hundred dollars.

Miscellaneous.

**OFFICE OF THE FIRST ASSISTANT POSTMASTER-GENERAL.**

First Assistant Postmaster-General.

For compensation to postmasters, thirteen million six hundred thousand dollars.

Postmasters.

For compensation to clerks in post-offices, six million five hundred and fifty thousand dollars; and that the Postmaster-General be, and he is hereby, authorized to classify and fix the salaries of the clerks and employees attached to the first-class post-offices, from and after July first, eighteen hundred and eighty-nine, as hereinafter provided: *Provided, however*, That the aggregate salaries as fixed by such classification shall not exceed the sum hereby appropriated, namely:

Clerks in post-offices.

Assistant postmaster, salary not exceeding fifty per centum of the salary of the postmaster, as provided by act of March third, eighteen hundred and eighty-three, graded in even hundreds of dollars, from one thousand five hundred dollars to not exceeding three thousand dollars per annum, except New York, New York, where the salary of the assistant postmaster shall be fixed at three thousand five hundred dollars per annum, and that of the second assistant postmaster at two thousand dollars per annum.

Classification in first-class offices.

*Proviso.*  
Limit.

Assistant postmasters.  
Vol. 22, p. 60.

New York.

Secretary and stenographer to postmaster, five classes, salary, graded in even hundreds of dollars, from one thousand two hundred dollars to not exceeding one thousand six hundred dollars per annum.

Secretary, etc., to postmasters.

Cashier, five classes, salary, graded in even hundreds of dollars, at one thousand eight hundred dollars, two thousand dollars, two thousand two hundred dollars, two thousand four hundred dollars, and not exceeding two thousand six hundred dollars per annum.

Cashiers.

Assistant cashier, three classes, salary, graded in even hundreds of dollars, at one thousand two hundred dollars, one thousand three hundred dollars, and not exceeding one thousand four hundred dollars per annum.

Assistants.