

FISH-HATCHING STEAMER.—For supplying the fish-hatching steamer authorized by and constructed under the act of March third, eighteen hundred and seventy-nine, with the necessary fish-hatching machinery and other furniture, twelve thousand five hundred dollars, or so much thereof as may be necessary; and the Secretary of the Navy is hereby directed to place the vessels of the United States Fish Commission on the same footing with the Navy Department as those of the United States Coast and Geodetic Survey.

1879, ch. 182,
Stat., 20, 383.

Vessels of Fish
Commission.

COAST AND GEODETIC SURVEY.—For the repairs and maintenance of the vessels used in the Coast and Geodetic Survey, ten thousand dollars.

Coast Survey,
repairs of vessels.

For the continuation of the Coast and Geodetic Survey in the eastern division (or Atlantic and Gulf coast division) seven thousand five hundred dollars.

Survey of At-
lantic coast.

For the continuation of the Coast and Geodetic Survey in the western division (or the Pacific coast division), seven thousand five hundred dollars.

Survey of Pa-
cific coast.

Approved, May 31, 1880.

CHAP. 115.—An act making appropriations for the support of the Military Academy for the fiscal year ending June thirtieth, eighteen hundred and eighty-one, and for other purposes.

June 1, 1880.

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 the same are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, for the support of the Military Academy, for the fiscal year ending June thirtieth, eighteen hundred and eighty-one:

Appropriations.
Support of Military Academy.

For pay of professors, twenty-eight thousand three hundred and fifteen dollars and twenty-eight cents.

Pay of professors
and others.

For pay of one instructor of practical military engineering, in addition to pay as first lieutenant, nine hundred dollars.

For pay of one instructor of ordnance and science of gunnery, in addition to pay as first lieutenant, nine hundred dollars.

For pay of eight assistant professors, in addition to pay as first lieutenants, four thousand dollars.

For one commandant of cadets, in addition to pay as captain in the line, two thousand two hundred dollars.

For pay of three instructors of cavalry, artillery, and infantry tactics, in addition to pay as first lieutenants, one thousand five hundred dollars.

For pay of four assistant instructors of tactics, commanding companies, in addition to pay as second lieutenants, two thousand four hundred dollars.

For pay of adjutant, in addition to pay as first lieutenant, three hundred dollars: *Provided,* That the sum paid to said officer shall not exceed one thousand eight hundred dollars per annum.

Proviso.

For pay of one master of the sword, one thousand five hundred dollars.

For pay of cadets, one hundred and sixty thousand dollars; and no cadet shall receive more than at the rate of five hundred and forty dollars a year.

For pay of the teacher of music, one thousand and eighty dollars.

For pay of the Military Academy band, eight thousand nine hundred and ninety-nine dollars; which shall be in full for the pay of the said band for the year ending June thirtieth, eighteen hundred and eighty-one, any law to the contrary notwithstanding.

For additional pay of professors for length of service, seven thousand five hundred dollars.

Professors, additional pay of.

For repairs and improvements, timber, plank, boards, joists, wall-strips, laths, shingles, slate, tin, sheet-lead, zinc, nails, screws, locks, hinges,

Repairs and improvements.

glass, paint, turpentine, oils, bricks, flag, varnish, stone, lime, cement, plaster, hair, sewer and drain pipe, blasting-powder, fuse, iron, steel, tools, mantels, and other similar materials, and for pay of citizen mechanics and labor employed upon repairs and improvements that cannot be done by enlisted men, eleven thousand dollars.

Fuel, &c.

For fuel and apparatus, coal, wood, stoves, grates, furnaces, ranges, fire-bricks, and repairs of steam-heating apparatus, twelve thousand dollars.

Gas-pipes, &c.

For gas-pipes, fixtures, lamp-posts, gas-lamps, gasometers, and retorts, and annual repairs of the same, six hundred dollars.

Fuel.

For fuel for cadets' mess-hall, shops, and laundry, three thousand dollars.

Postage, &c.

For postage and telegrams, three hundred dollars.

Stationery.

For stationery, blank books, paper, envelopes, quills, steel pens, rubbers, erasers, pencils, mucilage, wax, wafers, folders, fasteners, files, and ink, six hundred dollars.

Transportation.

For transportation of materials, discharged cadets, and ferriages, one thousand seven hundred and fifty dollars.

Printing, &c.

For printing; type, materials for office, diplomas for graduates, registers, and blanks, one thousand dollars.

Clerks.

For clerk to the disbursing officer and quartermaster, one thousand two hundred dollars.

For clerk to adjutant, in charge of cadet records, one thousand two hundred dollars.

For clerk to treasurer, nine hundred dollars.

Department of mathematics.

For department of instruction in mathematics, namely: For repairs of models and instruments, twenty-five dollars; text-books, books of reference, and stationery for instructors, one hundred and seventy-five dollars; in all, two hundred dollars.

Department of artillery.

For department of artillery, cavalry, and infantry tactics, namely: For tan-bark for riding-hall and gymnasium, three hundred dollars; repairing camp-stools and camp-furniture, fifty dollars; furniture for offices and reception-room for visitors, one hundred and fifty dollars; stationery for use of instructor and assistants, one hundred dollars; books and maps, fifty dollars; repairing gymnasium, one hundred dollars; in all, seven hundred and fifty dollars.

Department of engineering.

For department of civil and military engineering: For models, maps, purchase and repairs of instruments, text-books, books of reference, and stationery for the use of instructors, and contingencies, five hundred dollars; for continuing preparation of text-books for special instruction of cadets, five hundred dollars; in all, one thousand dollars.

Department of chemistry.

For department of chemistry, mineralogy, and geology: For chemicals, chemical apparatus, glass and porcelain ware, paper, wire, sheet-metal, ores, photographic materials, five hundred dollars; rough specimens, fossils, files, alcohol, lamps, blowpipes, pencils, and paper for practical instruction in mineralogy and geology, and for gradual increase of the cabinet, five hundred dollars; repairs and additions to electric, galvanic, magnetic, pneumatic, and thermic apparatus, and apparatus illustrating optical properties of substances, six hundred dollars; additions to apparatus for illustrating science of electricity as applied to the useful arts, five hundred dollars; in all, two thousand one hundred dollars.

For pay of mechanic employed in chemical and geological section rooms and in lecture-room, one thousand dollars; models and diagrams, books of reference, text-books, and stationery for the use of instructors, seventy dollars; in all, one thousand and seventy dollars.

Department of practical engineering.

For department of practical military engineering: For mining materials and for profiling, telegraphing and signaling materials; stationery and text-books, books of reference, and repairs of instruments, one hundred and fifty dollars.

Department of French and English.

For department of French and English studies: For text-books and stationery for the use of instructors, books of reference, and for printing examination-papers, two hundred and fifty dollars.

For department of drawing: For reflooring the drawing academy, three hundred and fifty dollars; for repairs of desks, racks, tables, models throughout; construction of chest of drawers for sheets of maps and drawings; brushes, tacks, and similar necessaries, one hundred and fifty dollars; for various articles most necessary for the course of topographical, mechanical, and constructive drawing, two hundred and fifty dollars; in all, seven hundred and fifty dollars. Department of drawing.

For department of law: For text-books and stationery and books of reference for the use of instructors, one hundred dollars: *Provided*, That the Secretary of War may, in his discretion, assign any officer of the Army as professor of law. Department of law. *Proviso.*

For department of ordnance and gunnery: Addition to models and drawings illustrating course of instruction; for additions to, and repairs of, electric ballistic machines and electric batteries, and for keeping in repair instruments and firing-houses; for books of reference and text-books for instructors, two hundred dollars. Department of ordnance, &c.

For open shed, one hundred feet long by twenty-four feet wide, with tin roof, for protection of field batteries when not required for instruction of cadets, one thousand two hundred dollars. *Shed for field batteries.*

For department of natural and experimental philosophy: For apparatus to illustrate the laws in mechanics, optics, and acoustics, one thousand dollars; books of reference, text-books, repairs, and materials, four hundred dollars; for pay of mechanic, one thousand dollars; in all, two thousand four hundred dollars. Department of natural philosophy.

For department of Spanish: Text-books and stationery for use of instructors, thirty dollars. Department of Spanish.

For expenses of the Board of Visitors, including mileage, three thousand dollars. Board of Visitors.

For miscellaneous and contingent expenses: For gas-coal, oil, candles, lanterns, matches, and wicking for lighting the academy, cadet-barracks, mess-hall, shops, hospital, offices, stable, and sidewalks, three thousand five hundred dollars; water-pipes, plumbing, and repairs, one thousand five hundred dollars; cleaning public buildings (not quarters), five hundred dollars; brooms, brushes, pails, tubs, soap, and cloths, two hundred dollars; chalk, crayon, sponge, slate, and rubbers for recitation rooms, one hundred and fifty dollars; compensation of chapel-organist, two hundred dollars; compensation of librarian, one hundred and twenty dollars; pay of engineer of heating and ventilating apparatus for the academic building, the cadet-barracks, and office building, chapel, and philosophical building, including the library, one thousand two hundred dollars; pay of assistant of same, seven hundred and twenty dollars; pay of five firemen, two thousand two hundred dollars; increase and expense of the library, books, magazines, and binding, one thousand dollars; in all, eleven thousand two hundred and ninety dollars. Contingent expenses.

For pay of librarian's assistant, one thousand dollars.

Librarian's assistant.
Cadet hospital.

For furniture for cadet-hospital, and repairs of the same, one hundred dollars.

For purchase of bedding and necessary articles for the use of candidates previous to their admission into the academy, five hundred dollars.

Bedding, &c.

Buildings and grounds: For repairing roads and paths, five hundred dollars.

Buildings and grounds.

For continuing breast-height wall from Plain to South Wharf, five hundred dollars.

For completion of main building and one wing for the new hospital for cadets, ten thousand dollars.

Cadet hospital.

For addition to cadet-barracks, twenty-five thousand dollars.

Cadet barracks

For repairing roof of cadet-barracks, one thousand dollars.

Approved, June 1, 1880.