

Rural Economy.

THE LAST OF JUNE.

Oh, where is that laughing maiden fair, With lustrous eyes and shining hair, That leaned o'er Summer's gate awhile, Gladdening the earth with her sunny smile?

But list, the humming-bird and bee Their secret now are telling me: "Her fragrant robe has led their way To haunts where best she loved to stray."

HINTS TO INVENTORS ON THE DESTRUCTION OF THE POTATO BUG.

Messrs. Editors.—Last year the potato tops were eaten up by a great number of bugs, and the crop was very small. Some people would shake the stems a little, and the bugs would fall off, but the next morning they had climbed up again.

I remember some years ago that the turnip tops were eaten the same way in England, by a fly or bug, that diminished the crop so much as to affect the price of mutton, the large turnips being the main food for sheep, and farmers sowed very small patches.

Now, perhaps some experimentalist who has the means will take a hint from this, and enable farmers to destroy these loathsome and disgusting insects, so that since the old disease or rot has nearly disappeared, we may have plenty of potatoes.

THE TEETH OF A HORSE.

At five years of age a horse has 40 teeth—24 molar or jaw teeth, 12 incisor or front teeth, and 4 tusks or canine teeth, between the molars or incisors, but usually wanting in the mare.

At a year old, the incisors are all visible on the first or milk set. Before three years the permanent nippers have come through.

At four years old, the permanent dividers next to the nippers are out.

At five the mouth is perfect, the second set of teeth having been completed. At six, the hollow under the nippers called the mark, has disappeared from the nippers, and diminished in the dividers.

At seven the mark has disappeared from the dividers, and the next teeth, or corners, are level, though showing the mark.

At eight, the mark has gone from the corners, and the horse is said to be aged. After this time, indeed good authorities say after five years, the age of a horse can only be conjectured.

But the teeth gradually change their form, the incisors becoming round, oval and then triangular. Dealers sometimes bishop the teeth of old horses; that is, scoop them out to imitate the mark; but this can be known by the absence of the white edge of enamel which always surrounds the real mark, by the shape of the teeth and other marks of age about the animal.—Rural Gentlemen.

A SENSIBLE SOUTHERNER.

The Houston (Texas) Telegraph tells of a North Carolina planter, rich and happy before the war, who was despoiled during the war of silver and gold, and bonds, and negroes and asses, and mules, and much cattle. All he had left was land without laborers, and some ready money.

He then went to the North and hunted up good, industrious families, mostly foreigners, and upon every farm he settled one of these families. Unto some he sold, but unto most he rented for a share of the crop. He also started a store on the premises, and one of his handsome sons is counter-hopper. By this means, he writes us, his income has been raised to a figure higher than ever it attained before the war, and his lands have suddenly been increased 500 per cent. in value.

Scientific.

STRONG DRINK AND THE CHOLERA.

The inland city of Reading, with a large population of German extraction, has for forty years been famous for its malt liquors. Lauer's Brewery is an establishment whose fame has gone abroad among all the beer drinkers of the North. At the Beer Brewer's Congress in Chicago, June 5th, Frederick Lauer, Esq., of Reading, was unanimously chosen Honorary President, either on account of the fame of his beer, or in acknowledgment of the very high, pot to say radical and audacious grounds he takes, as to the sanitary qualities of the article which he manufactures.

Messrs. Editors.—I noticed in your issue of June 15th, the following: "At the Congress of the Beer Brewers in Chicago, Mr. Lauer, of this city, maintained that beer was a preventive of cholera, &c., &c." This doctrine might have been believed, a hundred years ago, before organic chemistry and kindred sciences had arrived at their present state of perfection.

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In New York, of the 5,000 members of temperance societies, only 2 died; of the Hibernian Temperance Society, numbering 123 members, and of the African Temperance Society, numbering 193, not one of either society died of the cholera, showing that neither the laboring classes nor the colored people are any more liable to cholera than any other class or race, providing they do not invite the disease by using intoxicating drinks." The opinion of the Boston Board of Health, August 10th, 1833, is: "That all kinds of ardent spirits, and other strong stimulants, are not useful in preventing cholera; but they dispose to its attack."

AWARDS TO AMERICANS AT THE PARIS EXPOSITION.

The following is from the official list of the awards to Americans, given at the Grand Exposition on Monday, July 1st. The names are given in the order in which the report was made out.

GRAND PRIZES.—Mr. Chapin, of Lawrence, Mass., for well conducted factory. Prof. Hughes, of Ky., for printing telegraph. Cyrus W. Field, of New York, promoter of the system of ocean telegraph. Dr. T. W. Evans, of Paris, sanitary collection.

GOLD MEDALS.—Steinway & Sons, New York city, pianos. Chickering & Sons, of New York and Boston, pianos. S. G. White, of Philadelphia, artificial teeth, &c. H. D. Walbridge, of New York, minerals from Idaho. J. P. Whitney, of Boston, minerals from Colorado. Lewis Yeager, of Concordia parish, Louisiana, cotton. Victor Meyer, of Concordia parish, Louisiana, cotton. C. H. McCormick, of Chicago, Illinois, mowing machines. Corliss Steam Engine Company, of Providence, Rhode Island, steam engine. Wm. Sellers & Co., of Philadelphia, machine tools. Wheeler & Wilson, of New York city, sewing machines. Elias Howe, of New York city, inventor of sewing machines. C. B. Rogers & Co., of Norwich, Connecticut, wood-working machinery. Patrick Welch, of New York city, type-dressing machine. Grant Locomotive Works, of Paterson, New Jersey, locomotive steam engine.

SILVER MEDALS were awarded to a large number: Park Bros. & Co., Pittsburg, edge tools; Bement & Dougherty, Philadelphia, machine tools; American Button-hole Company, Philadelphia, button-hole machine; Isaac Gregg, Phila., brick machine; Fred. E. Church of New York, oil painting; Mason & Hamlin of New York, organs; J. K. Barnes, Surgeon-General, military surgical apparatus; Mrs. Richard F. Bond of Boston, Mass., astronomical instruments and chronometers; R. B. Tolles of Canastota, N. Y., microscope and telescope glasses, and telescope; New York Mills, fine muslins; Clark Thread Company of Newark, N. J., threads; Pournier of New Orleans, La., regulating tell-tale clocks, &c.; B. O. Burt of New York, machine and sewed boots and shoes; Colt's Patent Arms Manufacturing Company of Hartford, Conn., Colt's firearms; E. Remington & Sons of Ilion, N. Y., military and sporting fire-arms; Spencer Rifle Company of Boston, Mass., Spencer rifles; Douglas Ax Company of Boston, Mass., axes, &c.; J. B. Taft of Chester, Mass., emery stone; State of Illinois, cereals; B. Figue and Professor W. P. Blake of San Francisco, Cal., collection of California minerals; Park Brothers & Co., of Pittsburg, Penn., edge tools; G. J. Wardwell of Poughkeepsie, N. Y., stone channeling and quarrying machine; Collins & Co., of New York, plow; Cool, Sherman & Co., of Glen Falls, New York, barrel machine; J. W. Lamb of Rochester, N. Y., knitting machine; Weed & Florence Sewing Machine Co. of New York, sewing machines; Wood Brothers of New York, plaiting; Yale & Winn of Shelburne Falls, Mass., locks; Chapin & Wells of Chicago, Ill., swing bridge; Board of Public Works of Chicago, Ill., plan of the Chicago Tunnel; J. A. Robinson of New York, D. boll fog-trumpet; Culbertson & Co., Chicago, cut meats; Glen Cove Starch Co., New York, starch and maizena; C. Duffield, Chicago, American Westphalia hams; Dr. S. G. Howe, Boston, Mass., books for the blind.

Bronze Medals.—D. Appleton & Co., New York, books; Houghton & Co., Riverside Cambridge, Mass., books; G. C. Merriam & Co., Springfield, Mass., Webster's dictionary American Lead Pencil Company, New York lead pencils; A. G. Day, Seymour, Conn., indelible lead pencils; Secombe Manufacturing Company, New York, ribbon hand stamp; L. W. Fairchild & Co., New York gold pens; E. D. Hudson, New York, artificial limbs; Cummings & Son, —, hospital car; Milton Barlow, Ky., planetarium; W. H. Townsend, New York, oil-cloth; Tiffany & Co., New York, silver-ware; the Hadley Company, Holyoke, Mass., spool cotton; Slater & Sons, Webster, Massachusetts, cotton goods. H. Steinburg & Co., of New York, beaver cloths. Missick Woolen Mills, of San Francisco, blankets, flannels, &c. F. Saehse & Sons, of Philadelphia, fine shirts. H. Haupt, of Philadelphia, for steam drill tunnelling machine. Deere & Co., of Moline, Illinois, steel iron. J. G. Perry, of Kingston, Rhode Island, mowing machine. Partridge Fork Works, of Leominster, Massachusetts, spades, manure forks, &c. Morris, Tasker & Co., of Philadelphia, wringing machines. D. H. Goodell, of Auburn, New York, apple parer. Haagen & Griffin, of Dayton, Ohio, tobacco-cutting machine. W. & B. Douglas, of Middletown, Conn., pumps. Howe Scale Company, of New York, scales. L. B. Olmstead, Stamford, Conn., friction clutch pulley. T. B. Pickering, New York, governor for steam engine. J. R. Root, of Boston, steam engine. P. H. & F. M. Roots, Connersville, Indiana, rotary blower. Shaw Union Air Engine Company, of Boston, hot-air engine. Wickersham Nail Company, of Boston, nail ma-

chine. D. I. Harris & Co., Springfield, Mass., lathe machine. P. S. Justice, of Philadelphia, power hammer. C. L. Goddard, Boston, Mestizo burring picker. Southern Cotton Gin Company, Springfield, Mass., cotton gin. Union Button-hole Company, button-hole machine. A. B. Howe, New York, sewing machines. Bartram & Fenton, Danbury, Conn., sewing and button-hole machine. Mumford & Co., Detroit, Mich., boot former. C. A. Shaw, Biddeford, Me., knitting machines. J. E. Sweet, Syracuse, N. Y., composing (type-setting) machine. Baltimore and Cuba Smelting Company, Baltimore, Md., ingot and sheet copper. G. F. Warner & Co., New Heaven, Conn., malleable iron castings. Douglass Manufacturing Company, New York, edge tools. S. H. Randall, New York, mica. T. M. Humphries, Louisiana, cotton. F. C. Williams, Richmond, Va., tobacco. J. P. Sarrazin, Louisiana, Perique tobacco. A. J. & J. H. House, C. O., operators. Jackson & Co., C. O., operators. J. W. Carroll & Co., Lynchburg, Va., smoking tobacco. C. H. Lillenthal, New York, tobacco and snuff. Wisconsin Agricultural Society, agricultural collections. Richards & Co., Wisconsin, wool. A. G. Day, Seymour, Connecticut, rubber goods. H. H. Hotchkiss, Lyons, New York, oil of peppermint, spearmint and wintergreen. L. B. Hotchkiss, Phelps, New York, oil of spearmint and peppermint. Belmont Oil Company, Philadelphia, West Virginia petroleum. Babcock & Co., Boston, petroleum. Marietta and Gates Pork Company, Marietta, Ohio, petroleum. F. H. Holiday, New York, chemicals. Joseph Hirsch, Chicago, Illinois, albumen. A. Fries, Cincinnati, Ohio, extracts. Degener & Weiler, New York, printing presses. Fairbanks & Co., New York, railroad scales. Herring, Farrell & Sherman, New York, fire-proof safes. G. Gunther & Sons, N. Y., furs. J. B. Vanduzen, model of Fleetwing. Brown & Level, New York, model tackle. Department of Agriculture, Washington, District of Columbia, cereals of the United States; Automatic Boiler-Feeder Company, Phila. boiler-feeder; Jessup & Moore, Philadelphia, paper; W. F. Murhy & Son, Philadelphia, blank books; Johnson & Lund, Philadelphia, artificial teeth; C. Abbey & Sons, Philadelphia, golf leaf for filling tooth; J. B. Lyon & Co., Pittsburg, glassware; Wight & Co., Philadelphia, perfumery.

HONORABLE MENTION was made of Robert Bates, Philadelphia, for instrument to cure stammering, and Howell Brothers, Philadelphia, for paper-hangings; C. C. Landis, Vineland, N. J., model farms; Wm. Selpho & Co., New York, artificial limbs; George W. Chipman, Boston, Mass., carpet linings; New Haven Clock Company, clocks; Bell & Co., Alabama, muslins; Williams Silk Company, New York, silk twist; Washington Mills, Boston, shawls; State of Alabama, cotton; Montagne & Carlos, Louisiana, mosses; F. S. Cozzens, New York, cigars from American tobacco; J. Ward & Co., New York, washing machine; S. T. Bacon, Boston, baking machine; J. Prentice, New York, cigar machine; Stephenson & Son, New York, horse-cars; E. W. Page, New York, oars; Portland Packing Co., canned fruit, &c.; Bray & Hays, Boston, preserved food; Townsend Bros., New York, preserved oysters; Gail Borden, New York, extract of beef; Oneida Community, Oneida, N. Y., preserves, &c.; J. Davidson, Louisiana, sugar; G. Sabatier, Louisiana, sugar; D. D. Avery, Louisiana, salt; Vinicultural Society, California, wines; Dr. Louis Elsborg, New York, peat fuel; Goodenough Horse-shoe Company, New York, horse-shoes; G. J. McCormick, Meriden, Conn., skates; Lelance, Grosjean & Co., New York, house furnishing hardware; J. F. Paul & Co., Boston, specimens of wood.

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