Jan: 18

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THE DESERET NEWS.



which was read before the society for the improvement and cultivation of pure breeds of stock, bees, fish, etc.; also a communication from the same gentleman:

S. L. CITY, Jan. 9, 1871. President Woodruff of the Parent Society for the Introduction of Stock, Bees, Fish, Fowls, etc. Dear Sir:

I have received an excellent work of ninety odd pages, from Seth Green, Esq., on trout culture. Chapter 1 treats on "fish culture and trout breeding," etc. Chapter 2 "trout ponds, locationlaying out, and shape of ponds," etc. Chapter 3, "hatching house, troughs," etc. Chapter 4, "Treatment of eggs, placing them in troughs," etc. Chapter 5, "young trout, their appearance, food," etc. Mr. Green says that half a teacupful of bonny clabber or thickened milk is sufficient food at one feeding for several thousands of young trout forty odd days old. Chapter 6, "adult trout," etc. Chapter 7, "taking eggs and all about spawning," etc. Chapter 8, "stocking ponds and streams," "will it pay," "to those starting in business," etc. Appendix, "transportation of live fish," etc. I have examined the treatise and consider it just the kind of work for every person engaged in this most important branch of industry, viz: the introduction and cultivation of fish. Messrs. Tillotson of New York have kindly sent me another work, entitled "A Complete Treatise on Artificial Fish-br eding; Translated and Edited by W. H. Fry. Illustrated with Engravings." This is a book of 188 pages, and I think is not so well adapted to our wants as Mr. Green's work. Mr. James Dwyer the enterprising Railroad Book, Paper, and Notion Dealer, of This city will, in a few few days, have copies of Mr. Green's work for sale at one dollar each. At To Logan we organized a fish committee of five go-ahead persons in Bp. W. B. Preston, Thos. Jones, Enoch Lewis, Thomas Tarbett and . Benj. Cluff; at Franklin we organized another committee of three thorough men, viz .: Alex. Stalker, Andrew Morrison and William Woodward. Other committees in that county, also in Box Elder and Weber counties will soon be set on foot. I will append to this Mr. Green's "General Circular Directions" which accompanied his letter to me. In his letter he says that eggs cannot be sent by him to Utah by express, but will come safely in charge of an attendant. Let me say again to fish committees and to fish farmers; obtain the above work and the agricultural reports for 1868, then you will be in possession of sufficient data to commence a successful business. I would respectfully recommend that all articles that have appeared and may hereafter appear in the papers treating upon this and kindred subjects, be cut out by fish committees and the bishops and be preserved for future reference.

simple as with lambs). In this condition they grow larger, and make sweeter meat and are less combative. They must always be handled by the ears; otherwise you kill them very easily. They will eat most all kinds of vegetables, also weeds and corn fodder, hay, sheaf-oats, corn, wheat, milk, apple and potato peelings, etc., etc. Artichokes make splendid spring food; surplus apple limbs, willows and some pine bark may be thrown to them. Colonel McKenzie tells me that they are very fond of dandelion, which grows so spontaneously everywhere. They must have fresh water regularly, and are fond of snow. The pen in which the Dr. propagates and keeps his rabbits, the whole covering say half a square and furnished with several apartments, with small gates opening into them. McKenzie says secure from the depredations of cats. The skins of the Doctor's kind are very beautifully colored black and white; two or three large ones would make a very nice cape for a lady or miss. In view of the easy culture and the consequent cheapness of rabbit meat, I keg respectfully to recommend that their introduction and culture be placed in the hands of the committee on fowls and swine. Dr. Lamoreaux sells rabbits of suitable age for three dollars per pair. A candle box is a good thing for them to make their nest in.

which take the preference to cross from; they are healthy and hearty, good walkers, and as roadsters, will go six (6) miles an hour. California has spent more money than any two States in an opportunity for the education of importing horses, and with much loss; our children,-a subject that has not some good horses have been raised hitherto received the attention in this there. 2310 17 A12243 OTATA

With the history of all these States before us, we come to the following conclusions: To recommend the importa- tlement has suffered heavy losses from tion of the "Thoroughbred" for saddle Indians and grasshoppers in the past horses, the "Hamiltonian" and "Messenger" for buggy and carriage horses, and the half-breed "Normandy," as the best suited to improve our stock on hand. The half-breed stands sixteen hands high, weighs from 1200 to 1600, is made of laths, nailed to a frame, and will travel eight miles an hour gait. with a small space left between them. The reason we give for breeding to large least near to our fields. horses, is this; our present horses are rod of ground The place is covered small and almost worthless. In a car- here, though we have had but little riage with a large dashboard, the driver is frequently under the necessity of They must be kept dry; and Colonel standing up or stretching his neck to see his team. By breeding to large horses, first we get size and bone, the next cross can be for blood, speed and symmetrical form. We deem it expedient to form co-operative herds, or stock associations, as being the cheapest and best means in our present situation. By forming stock associations, we can send for horses, get our herds ready for spring and begin the improvement of our stock. It is not in our power to make a calculation how much we can be benefited, | light before the general reader. ogin or how much money can be made by a right step in the right direction. The colts which are lost every year will substance as a "non-explosive" fluid does amply pay all the expenses of herding; the loss in getting scrubs or none at all, is to be considered. We also know from experience, that the value of our stock will be doubled every year. Horse raising is a lucrative business in Utah; surrounded as we are with plenty of good grass, a genial climate, winters sene" "Astral oil," "Danforth fluid," just long enough to feed the colts to or "Gasoline," partake in a greater or make them gentle, always a market for | lesser degree of its explosive qualities. a good horse and ready cash. Suppose we reverse things now, and instead of importing we export fifty thousand dollars' worth of horses a year, the Terri- ducts as an illuminating fluid, or in tory would be gainer instead of loser; any other of the thousand purposes for and a greater amount of labor would be performed with a better class of utilized. As well might we fear to use horses, saying nothing of the pleasure of driving a good or a fast horse. Follow a farmer with a good team, and you will find him with grain to sell, go to is not in the use, but in the misuse of the store you find his credit good, plenty of wheat at home and, perchance, does not work as bard as his neighbor with a poorer team; what he does he can do well, he plows deep. We further appeal to and recommend all the Bishops and leading men of the dications of progress in the world of light Territory to form like associations unto is the substitution of gasoline for coal this. Appoint committies whose du- gas in the large cities, at a cost of about ties it shall be to take the best means to one-fifth of the former, with a light import and propagate good stock in equaling coal gas in brilliancy, and each settlement. Also appoint a horse other important considerations showing committee, whose duty it shall be to in favor of the gasoline. examine all stallions, condemn the The utilization of this same fluid for worthless, and give certificate of ap- cooking and heating purposes seems on proval to the good, which certificate shall be kept with the horse; also to condemn the worthless scrubs now running on the range. We think there is no time to be lost, and there is no better time than now. The winter evenings being a good time to meet, form companies, discuss these stock subjects, devise the best means to get what you want; time thus spent, we warrant, will never be regretted. Any information wanted by branch committees will sor to the utilization of electricity be cheerfully given by us. proval, and that we will be able to report further on the subject, we remain your humble servants,

economy and good management that these results have been reached.

There are two day and one night schools in operation here, which affords place which its importance demands and which it has received in older and more fortunate settlements. Our setfour years, but the prospect looks bright for the future, and the people generally feel well, as the prospect of the early settlement of the Sevier Valley promises protection from Indians, and it is generally supposed that there are but few grasshopper eggs in the valley, at

The winter has been unusually severe snow. Respectfully yours,

A CITIZEN,

"NON-EXPLOSIVE" FLUIDS.

Parinishine Ho

SALT LAKE CITY, Jan. 10, 1871.

Editor Deservet News:-So much having been said of late in our city about "nonexplosive" fluids, allow me through your columns to state a few facts which

Respectfully, A. MILTON MUSSER. To the Parent Society for the Improvement of Stock, etc.

The following is the report of the Chairman of the committee on Horses:

The lot of the lot of

the Destret Fine Stock and Bee Association:

REPORT OF THE COMMITTEE ON THE HORSE.

The history of the horse, intimately interwoven as it is with that of man, can hardly fail to interest the most careless student. From the earliest ages he has been man's faithful ally and willing slave. He not only moves all the machinery of the field and camp, but shares with his rider all the fatigue and danger of battle. In peace, how various and invaluable are his services; every branch of industry owes much to his patient toil, he plows the soil. sows the seed, reaps the harvest, and transports it to the distant market from year to year, and from youth to old age he toils unceasingly for his master, in the cart, the mill, the freight wagon or the mail coach. Not only has he relieved our wants, and ministered to our comfort, but he shares in our pleasures and amusements; he not only works steadily and patiently in the loaded wagon, but in the race becomes as excited as his master and appears to rejoice in the pleasures of the chase. In gracefulness of motion, elegance of form, and dignity of carriage, he is superior to every other quadruped, attached to his master and obedient to his will, he bears him without question or murmer, through sunshine and storm, over mountains and through rivers, carries him with unfaltering nerves into the thickest of the battle, and, if repulsed, his speed and endurance bid defiance to pursuit, hence, no animal has received the same care and attention and training as the horse, and To be successful in the breeding of the horse, we must not only continue for several generations, but it must be undertaken by a people fixed in their habits, devoted to agriculture, and physical laws that must be carefully observed in crossing breeds of animals in order to insure success. Every country has adopted the breeds most suited to their wants. In America it has been found necessary to adopt different breeds in different localities, hence we see Kentucky, Virginia and the Southbreds, being best suited for the saddle. Kentucky imports her draft and carwhich is a thick, heavy set, hearty the climate. New York State imported

may set the matter in a more correct

It is, I believe, a well-established principle among chemists that such a not exist. Water itself, under improper control is explosive. Every intelligent person knows, or ought to know, that petroleum is a most inflammable and explosive substance; and all of itsproducts, under whatever name they luxuriate, whether "Coal oil," "Kero-

Explosiveness, of itself, it must be apparent, is no rational argument against the use of petroleum or its prowhich this wonderful agent has been the mountain stream because water has produced explosion. Throughout the realms of nature and of art, the danger things.

Petroleum as an artificial light, has already effected a great revolution in the world. The prospects are that its products will effect changes still more remarkable. Among the significant in-

the eve, also, of making telling inroads upon the time-honored use of wood and coal. Should the eminently practical direction of the inventive genius of this electric age really demonstrate the propriety of changing our wood and coal burning stoves for gasoline burners, I am of the opinion that no part of our country would more cordially than Utah hail the era of gasoline-which is soberly regarded by many as the precuritself for the household benefit of man-Hoping this will meet with your ap- kind. Certainly none would more largely than her people partake of the advantages from the immense economy claimed for it. Shall we blockade the march of progress by a fanatical suspicion of explosion? or would it not be infinitely more proper and conducive to our interests to look to the use of these invaluable auxiliaries to our comfort in such a manner as shall render them safe and beyond ordinary possibility of explosion? Experience, as well as science, inevitably point to the disuse of glass in the consumption of petroleum or its, products. It is believed that one-half the accidents reported under the head Should we entertain fear of explosion,

Very respectfully, yours, &c. A. MILTON MUSSER, Chairman of Fish Committee.

BABBIT CULTURE.

SALT LAKE CITY. January 9th, 1870.

Prest. W. Woodruff:-Dear Sir:-I would like the members of the Society over which you preside and all others interested, to learn some facts in relation to rabbit culture, which I firmly believe may be made very profitable none so worthy. to almost any one having a spare rod or two of ground for a rabbit garden. The following data I obtained from Dr. David V. Lamoreax, a successful rabbit culturist, at Logan, Cache county. Some time ago he obtained two does should be conversant with the great and a buck of the "prick eared" variety. In seven months he had from beginning eighty-four rabbits. this They are very prolific, each doe having offspring from three to nine in number every month of the year. She carries her young thirty days. The average monthly growth of the young is about one pound for the first seven months;

The Horse Committee, H. J. FAUST, Chairman. of Brincersfanner

Salt Lake City, Jan. 9th, 1871.

ECIPIO, Millard Co., January 5th, 1871.

Editor Deservet News:-Dear Brother: Knowing the interest you take in the prosperity of all the settlements of the Saints, I pen you an item or two from this place.

Our Co-operative Mercantile Instituof coal oil explosions have resulted from ern States with the English thoroughless thereafter. At four months of age the breaking of glass lamps. Hence, tion commenced business in April 1869, they multiply again: one buck to from with the small capital of \$585, in five it has now come to be an axiom, that eight to twelve does. For successful dollar shares; and in the first six "glass lamps used in burning coal oil riage horses from Ohio, The Northern breeding the bucks should not be over States have adopted the "Morgan," months paid a dividend of eighty per are simply infernal machines." two years old. The doe always makes cent. In the next six months a dividher nest in a dark place some two from the use of any of these substanhorse, good roadsters and best suited to end of 46¹/₃ per cent was paid, the capital ces, when they are encased in metal weeks before giving birth to her offhaving increased to \$1085. In the next spring. Three or four days before this "Messengers," which, crossed with the six months the capital increased to vessels so constructed as to prevent the period the previous litter must be taken "Thoroughbred," produced the "Ham- \$1240, and a dividend of 40 per cent was possibility of explosion? Then we may away, so as not to interfere with the iltonians," the renowned trotters and made. These big dividends have not talk of "non-explosive" lamps, or "nonnew crop, which must not be handled fine carriage and buggy horses. The been made by charging high prices for explosive" stoves, etc.; but to talk of a for the first nine or ten days. For fat-West has not adhered to any particular goods, for the object of Bishop Thomp- "non-explosive" fluid is simply an abtening purposes the males should be breeds, but in Ohio and Illinois they son (the President) and the directors surdity. emasculated, (the process is as easy and have imported "Normandy" horses, has been cheap goods; but it is by strict SAFETY VALVE.