A pamphlet recently published by order of the Legislature of Maine, contains the following digest of distances on the newly contemplated route from New-York to Liverpool.

" From the easternmost point of Nova-Scotia, Cape Canso, in Latitude 45 deg. 17 min. N. and in Longitude 61 deg. 3 min. W. to Galway Bay, in Ireland, in Latitude 53 deg. 13 min. N. and in Longitude 9 deg. 13 min W. the distance is about 2000 miles. Assuming a speed of 17 miles an hour in steam jects which he has marked, but this is only vessels, the Atlantic Ocean can be crossed be- our conjecture. The fierce dragon-fly, with tween these points in five days time. A see

The nearest accessible harbor to Cape Canso, Whitehaven, in lat. 45 d. 10 fn. N long. 61 d. 10 m. W. according to the authoring in the air, but with a clash reversing the rity of Admiral Owen, in a report on the sub- action of the wings-the only known creature ject made to Sir John Harvey, Sept. 5, 1846 that possesses this faculty. His sight, then - is a most splendid and commodious port, at the nearest available point of North America to Ireland; its natural facilities greatly exceeding those of Halifax, or any other point upon the coast, Galway harbor is one of the what confirmation of his eyes does this confinest in the world, having great advantages over Bristol or Liverpool, as a steam-ship ter-thousand gnats dance up and down in the sun, minus.

The Gut of Canso could possibly be passed by a bridge; but upon this point, there is, at present, no satisfactory information By means of a ferry across the Gut of Canso, the line could be extended to Louisburg harbor, in Cape Breton, still further east, to a point less than 2000 miles distant from Galway Bay.

From Galway to Dublin, a line, of railway is nearly completed across Ireland, and is in actual operation from Dublin to Mullingar, a distance of 50 miles. From Dublin the distance of 63 miles across the Irish channel to Holyhead, is passed with steam packets at the rate of 18 miles an hour, to which place the Chester and Holyhead Railway is already finished, connecting with Liverpool and London-crossing the Menai Strait by the Britannia Tubular Bridge, which was opened for theless equal to any emergency. Why does traffic on the 18th of March, 1859.

The route of the steamship from Liverpool to New-York, passes near to Cape Race, in Newfoundland, Cape Breton, and Cape Canso, and thence along the coast of Nova Scotia to Cape Sable, and parallel with the general line of the coast of New Brunswick and Mainenee From Cape Canso to New York, the line by into fragments, under the influence of terror, land as by water, and in one-third the time. From New York to Waterville, the railway is break up," says Professor Forbes, "before it already finished, a distance of 410 miles.-From Waterville to the city of St. John, the distance would probably be about 200 miles; and from St. John to Whitehaven less than 250 miles further; -making the entire distance from New York to Whitehaven, from 600 to 900 miles in all.

way has been ascertained, passing nead to Pictou, through the valuable coal districts along the shore of the Gulf of St. Lawrence; that part of the line, whenever the other portions are secured.

A line of railway from Halifax, passing in the vicinity of Truro, could be easily connected at some feasible point, with the main trunk; and it cannot be doubted that the enterprising citizens of Halifax would engage in its construction at once. At the present time, they are urging the completion of a line from Halifax to Windsor, and a survey of the route has been accomplished.

From the city of St. John to Shediac Bay, surveyed for a railway on the general line of mentioned the subject of raising vines under ploughing at dry seasons of the year, which he yard and sink drain are supplied with a sufthe route to Sackville, and Provincial aid, to a and about fruit-trees. The only object I had, usually does once in about six years, as soon ficient quantity of seaweed and loam, or mud, large amount, proposed The Province of or have now, is to excite the cupidity of far- as the crop of hay is off. He then carts on frequently enough to prevent the strength of New Brunswick has recently appropriated mers, so as to induce them to try the experi-

RUBOPEAN AND NORTH AMERICAN RAILWAY. |dily accomplished, that we approach your ho-land a good dressing of thip manure, and the There were in this pasture about twenty head practicable routes can be adopted."

Singular and Curious Facts in Natural History

The greyhound runs by eye-sight only, and this we observe as a fact. The carrier-pigeon flies his two hundred and fifty miles homeward, by eye-sight, viz.: from point to point of ob twelve thousand lenses in his eyes, darts from angle to angle with the rapidity of a flashing sword, and as rapidly darts back-not turnboth forwards and backwards, must be proportionately rapid with his wings, and instantaneously calculating the distance of objects, or he would dash himself to pieces. But in sist? No one can answer. A cloud of ten the minutest interval between them, yet no one knocks another on the grass, or breaks a head or a wing, long and delicate as these are. Suddenly, amidst your admiration of this matchless dance, a peculiarly high shouldered vicious gnat, with long, pale, pendant nose, darts out of the rising and falling cloud, and settling on your cheek inserts a poisonous sting. What possesses the little wretch to do this? Did he smell your blood in the mazy dance? No one knows. A four-horse coach comes suddenly upon a flock of geese on a narrow road, and drives straight through the middle of them. A goose was never yet fairly run over; nor a duck. They are under the very wheels and hoofs, and yet, somehow, they contrive to flop and waddle safely off. Habitually stupid, heavy and indolent, they are neverthe lonely wood pecker, when he descends his tree, and goes to drink, stop several times on his way-listen and look round-before he takes his draught? No one knows. How is it that the species of ant which is taken in batthe black of the starfish (Ludia fragilissima) possesses the power of breaking itself rage or despair. " As it does not generally is raised above the surface of the sea, cautiously and anxiously I sunk my bucket, and proceeded in the most gentle manner to introduce Ludia to the purer element. Whether the cold air was too much for him, or the sight of the bucket too terrific, I know not; but in a ed at the largest, and brought up the extremity of an arm with its terminating eye, the spineous eyelid of which opened and closed, with is the fact," and admit that they know no more. You see that young crab blowing bubbles on He waits patiently for the rising tide, when all these gobules of air shall be fused in a great discovery.

The Farm.

doubt can be entertained that the Province years ago. They were sprouts from a neight he spring, with grain on dry land.

tion of green vegetables and garden sauce known in the country, or called for in the would extend this line from a point of connection. They had always received His pasture is on a high, smooth swell of the country, or called for in the country. tion with the Nova Scotia line, to the city of the same careless treatment as other trees in land, where the committee had a fine oppor-market. St. John; and it is believed that the local business of the country between the city of St. some fifteen or twenty years ago they were sum as a fertilizer. Comparing his land where is made to depend upon the strength of the ma-John and the head of the Bay of Fundy, would at the present time, pay a tolerable remuneration to the stockholders. Comparing his faild where sum as a fertilizer. Comparing his fail where sum as a fertilizer. Comparing his faild where sum as a fertilizer. Comparing his fail w

nothing of the growth of my young trees .-The pumpkins will not make vines and run for lost time. They were as productive as those among my corn.

trees, set in rich grass land, which I treated in the same way, with the same result-al though the seeds were planted late, and sucfered severely from drought. Had the seeds been planted early, and the season as good, as usual, I have no doubt I should have had three liences, which are mostly of stone wall. The times as many as I had. With a bad year for apples and hay, I still realized over the rate of fences and under drains, of which he has one hundred dollars the acre.

Winter squashes, melons, tomatoes, and beans may all be raised the same way to great advantage, I think, although I have not tried neration upon the same spot. His land as a them, particularly under small trees. All these results however depend upon enriching the land, which for all purposes is necessary - Vermont Chronicle.

A Model Farm.

to the Essex Agricultural Society strains as it he to distinguish at new call it also "a model ration.

farm," and describe it as follows:

"His homestead farm consists of one hundred and twenty-seven acres. Fifty-two acres of mowing, tilling and orcharding, the remain- ceived this Society's premium in 1847, gives der pasture, with the exception of a few acres its committee on farms this account of his esof woodland. He has two barns, one thirty tate which will be read with interest and profit by forty feet, used exclusively for storage of by our cultivators. hay, and one eighty-four by forty, with a cellar under the whole, both of which he usually spring of 1836. It then contained 37 acres, fills every year with English hay, of which he and its value was estimated to be about \$2500. sells from forty to sixty tons per year. In his It is probable, that, if everything which could moment he proceeded to dissolve his corpora- large barn is kept his stock, and in the cellar have been produced from it, by the most skil-From Wintehaven to the head of the Bay of Fundy, at Sackville, a feasible route for a rail-ments were seen escaping. In despair I grasp-nure. He has experimented, to some extent, been sold to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage, its value would not be the second to the best advantage. nure. He has experimented, to some extent, been sold to the best advantage, its value would with raw and cooked food for fattening swine, not have exceeded \$100. The team, kept on and is of opinion that it may pay the cost for the farm, consists of two horses and a yoke of and it is believed that the Legislature of Nova something of a wink of derision." With this Scotia would cheerfully engage to construct exclusive specimen of natural history modern. The produce of his orchard, the present year stock. About four hogs are generally kept exquisite specimen of natural history wonders, of great scarcity, was one hundred and twenty through the year. From the stock and hogs, for which naturalists can only vouch that "such barrels of winter fruit, picked from the trees. with the aid of sea-weed, salt mud, loam, &c., In a former communication, I incidentally sing. Other portions are moist, but admit of terial with which it is composted. The hog-£60,000 currency-\$240,000, to construct ment, which will result in renovating their or- acre, harrows and rolls smoothly, and sows ration. timothy and red-top seed, which never fail of

tion to the stockholders.

From the city of St. John to Bangor, it is supposed that a route tolerably direct can be found, without encountering serious obstacles, the necessary information upon this point has never been ascertained; and it is for the purpose of asking that this service may be spec
Ings, Russets, Pound Sweetings, (Vermont ing, of apparent like quality, where gypsum had been used, the difference was truly surposed, the difference was truly surposed. Although the season was dry, there prising. The prising thas prising the ground the prising the ground the prising the grou

norable body. From Bangor to Waterville, long-collected matter of the sink-spout. I of beef cattle, the looks of which satisfied the private enterprise has already demonstrated mended them what I could; but in reality had committee that the food was as nutritious as the fact, that either one of several cheap and no other object but to produce a good crop of handsome. Mr. How composts most of his manure, for which he uses for highland, three My trees grew surprisingly, and for what parts meadow mud to one of manure, with reason I could not at that time tell. After leached ashes, gypsum, and sometimes a little using apples for the family, and not very spa-salt. For moist land, subsoil is used instead ringly either, I have for the last three or four of mud. He has experimented, to some exyears put into my celfar from ten to fourteen tent, with guano, crushed bones, and poubarrels of good grafted winter fruit. Last sea- drette. He is of opinion that any of these son it was not over ten barrels. I also have will benefit the first crop, but will show but cut a good ton of hay yearly upon the land, little or no effect afterwards, while this comand have also growing some twenty trees that post endures for a number of years with little yield me no profit. But having become a very apparent failure. In the application of manice operator, I dug about and manured my nure, he, like others, finds much difficulty in trees; and being unwilling to lose the imme- arriving at certain conclusions, owing in part diate produce, I planted around each tree two to the uncertainty of the seasons, whether wet or three pumpkin seeds. These plants in or dry. For a corn or potato crop, on dry duced me to keep the ground free from weeds : land, he favours the ploughing in of the maand the result was that I obtained last year nure, as the surest manner of obtaining a full ten or twelve barrels of apples, and a ton of crop. But for grass and grain, which usually hay, and a good cart load of pumpkins, to say arrive at maturity before drought pinches with severity, he prefers to have the manure near the surface. In the application of his until the grass is cut, when they will make up compost to grass land, he is of opinion that it should be applied fate in the Autumn, to avoid the scorching rays of the sun before it I had another small yard of young fruit- is settled by the rains around the roots of the

> His cultivation is remarkably neat and clean. Scarcely a weed, and not a bush, are to be found in his fields or pastures, neither in the open field, or in ambush under the surface stones had also been removed for many.

Mr. How has been in possession of his farm for about twenty years. He is the third gewhole is naturally of a good quality, and by his skilful management he has brought it to that state that it will continue to yield full crops with but little labor. In the having field we saw two lads at work, which we were informed are Mr. How's only children, apparently fifteen and seventeen years of ano The Committee on Farms, in their Report From their a model farm for the next gene-

Another Model Farm.

James M. Bishop Esq. of Seekonk, who re-

I came into possession of the farm in the cooking roots, but will not for grain or meal. oxen; these, with two cows, complete the There is, of field land, a proportion well adap- are manufactured about 40 cords of manure ted to the growth of corn and grain, of which each year, which is worth about \$3 per cord. the committee saw fine crops growing. He The stock is kept mostly in the barn during has given more attention, of late, to the pro- the foddering season, and stabled every night duction of hay, which, in his opinion, gives during the year. The urine is all saved. It him a better profit with less labour. Much of passes under the barn into a vat, prepared for his field land is well adapted to grass; a pro- the purpose of receiving it and the solid maportion of it being reclaimed meadow, which nure, which are there mixed with seaweed, does not admit or require the plough, as it is salt, mud, loam, or straw, in the proportion of kept highly productive by occasional top dres- one part solid manure to three parts of the ma-

The crops grown on the farm, are Indian and the bend of the Peticodiac River—the head of navigation on the Bay of Fundy. No stand some apple-trees, set out about thirty of sowing grass seed in autumn rather than in doubt can be entertained that the Periodiac River—the stand some apple-trees, set out about thirty of sowing grass seed in autumn rather than in the periodic results of some apple-trees, set out about thirty of sowing grass seed in autumn rather than in the periodic results and some apple-trees, set out about thirty of sowing grass seed in autumn rather than in the periodic results and some apple-trees, set out about thirty of sowing grass seed in autumn rather than in the periodic results and some apple-trees, set out about thirty of sowing grass seed in autumn rather than in the periodic results and some apple-trees, set out about thirty of sowing grass seed in autumn rather than in the periodic results and some apple-trees, set out about thirty of sowing grass seed in autumn rather than in the periodic results and the periodic results are results are results and the periodic results are results are