## THE FAIRMER'S DAUGHTEK

There is a world of beauty flouriahing in the shades of the country that people in the town never dream of. Yarm honees are dangerosa places for such fellows an cheerfal Tom, Bachelor Bob, and Orphan Boy. As you are think. iug oniy of abepp or herun of cattie, you may be shot through by a pair of bright eyes, and melted awny by a bewitching amile that you never dreamed of till the mischiet is done. In townas and thesters, and throaged sasemblies of titled fair, you are on your guard, you know what you are exposed to, and put on your breastplate, and pases os through the most terrible onslanght of beasty, sale and sound. Hat in the nylvan rotreate, dreaming of nightingales and blue-birds and all suoh, and hearing only the lowing of cattle, you are taken by surprise. Out ateps a fair, blan- eyed creature, crosies a Out atepe a fair, blan-eyed creature, crowes a
brook, leape a ntyle. You start, you stand loet in wonder and almiration! You take out your memorandum to write a somet on the return of the nymphes and Dryade to earth, when up comes John 'Tompkine and saya; "it's only the farmer's daaghter who lives on yonder hill. What! have farmers anch daughters now-a-days? Those farm houses aro dangerous placen, so keep away from them. Let no man with a poetiaal imagination, which is ouly another name for a teader heart, flatter bimalf with the fancies of the calm delights of the country; with the serene idea of sitting with the farmer in his old-fachioned olimney-cornet, and hearing him talk of oorn and mutton, pork and potatora, and all such things; of joining bim in the pen sive pleasures of pipe and jug) of listening to the gosejp of the comfortable farmer's wife, of the parson and hia family, of his sermons, and his pige, over a fragrant cup of young hyoan or vrapped is the delicious luxuries of cuatards and whipped creams. In walks a fairy vision of wondroun witchery, and with a bow and smile takes her seat fust opposite. It is the farmer's daughter, a living creature of eighteen; fair as the lily, aweet as the violet, lovely as the rose, modeat as the early morn, and nimble as your own imagination of Dealemotis or Gertrude of Wyoming. You're loat-its all over with you, and that eomes of going in the country eut of the way of vanity and temptation, and faneying farm houses to tee the nice old-fash: ioned places of eatablished contentment. -St . Lewis Journal ef Agrikulture.

Compmasios or Ganeots Mixyunax-If five volumes of carlosie acid and one volume of air are eompressed in a proper apparatus the carbonie soid readily liqueliea. If the pressure is oarried to 150 or 200 atmopheres the mesiecas of liquefied aeid is gradanily effacel, and the liguid finally disappiars. The tube then appears filled with a homgeneous master, whioh reasias all further compresion, as a liguid wrould do. It the preseore is then gradually diminiahed the liguid suddnely reappears at a presare Which is eonstant for fixed temperatures ; a thiek mist arises, ranishes is a moment, and maska the level of the liquid which has resp. peared. The phenomenom cannot be explainel 5y the heat of compresaion, for the tube is planged is water which keepe it st a cosstant fempersturs, and the compremios is made slowly Cailletes thinks cooling to be slware complete. Cailletet thinks that the gas and liquid are muta. ally disestred, so so te forms a homegreneous compousd. Ho has natended the experimesta te oppesare of 400 stasopheres without vary. ing the result.-Conys. Rend.

Tans Burf Bembiva is Curs.-A signith. cont sien of the times is the progreas which ifon shiphmiding is making in Chims A Scetch firme who bogse by entalishing ship repuiring yanle of Shashiai, evereral years ayo, Buw em. ploy 1,100 Chinese workmen.

Canamios appears to le making rapid jrogrees in Germany. Darigg the yoar Is.iv is crematioses were performed at Gotha The Cres mation soiety of Milas has bemed is bodies in the last three years.

THE MILKY WAY-CHARACTER OF THE PHENOMENON.

The phenomenon of a milky sea has been known to oecur in certain parts, but han not been very thoronghly serutinised. Some have considered the luminous appearanee in question at electric effect in thunderstorms; others have attributed is to cadavaric decomposition of narine animal and planta; othern to abundant spawn, with fishes moving about in it. Bat the truth appears to be that it results from an aconmulation of animalculer capable of becoming phomphorescent, ppontancously or by friction. Some interesting information on the subject (of an exact character) has been recestly published by Lient. Poornaim, of the French iron-clad L'Ar. mill, which in February met with a milky sea in the passage frots Point de Galla to Aden. The nighte of Pebruary 9, 10, 12 and 13 were characterized by the phenomenon in all its splendor, the ship during this time traverving 660 miles ( 1,100 kilometers) in a mean latitude of 12 north between the meridians of $61^{\prime}$ and $51^{\prime}$ east lougitude. There was no thunderstorm, the aky was clear, the moon new, the barometer, the thermometer and hydrometer were regular, and a gentle northeast monsoon was blowing. The temperature of the surface of the water was constant at $25^{\circ}$; The sea was like a mow-covered fiehl in a clear night, and all trave of undulations wan fostsight of. The milky look was hardly disturbed by the motion of the ship and working of the screw (which shows that the layer had considerable thinkness. By day all disappeared: but the hue of the sea was somexhat altered. Looked at attentively over the ship's side a night the water was seen to containan enor moon number of luminous particles pressed olosely toguther, and more briliant close to the side where diatarbed. Some 400 of these corpuscles, one or two centimetors long, could be Draws ont bucket holding 10 liters of the water Drawu out, these were seen to be of gelatinous mulatance, which dried quickly abd disappeared, leaving a dark globule one millimeter in diameter, which, in the microseope, presented a tranaparent ovoil animalcule filled with eggs, and moving ite fins and tentaclen incenaatly. A drop of water added to the dark glablale brought back its laminosity, and when the creature wan bruised is the hand it gave a bright mark which wan quickly extinguished and which had no smell. The milky water kept till day and looked at in the dark, showed no laminosity even though agitated; ner does the water procured by day and brought into darkness. It remains to be determined what causes the laminonity of these animaleule, and the information is almo de. sirable as to the ponition of the varioun milky seas on the globe, the times of their appmarance, whether they pervist or not in the same place, eto. Several of the offioers on board L.Arnide had witaesed the phenomenon before, but never so brilliant of contianous. The $L$ ' Armille, in going out, had passed 30 leagues further horth in Yeh, 1578 , withont encountering anything of the kisid.-Lowlon Times.

Ceonots Aevis this Eaklest Flota to Ksolavi, The Mark Lane Erproas of May 24th, atatee that the first barrel of American Alour made from the crop of 1850, has arrived in Kagland, coasigned to the London Miller to be sold for the beaefit of an Episcopal church in
Gieorgia. The wheat was ewon on the plan tion of Mr. J. I. Iarramotes of the planta. Goorgis, on the 24 th of Norember, 1579 county, reaped on the 10th of A pril lant. 1879 , and fom, only foar and one-halt monthe in coming to maturity. The harvesting was in coming early sven for Georgis.

Msa-A deposit of mica has been disocivered about three miles sonth of Kkull valley, Ari depth of seven fis., sheets of raluable. At a incbes of suares, are being taken oust, mica, four is increasing in siere an depth is attained.

## DOMESTIC RECIPES.

Tue Idral Lemos Pie-I submit the follow. ing extract from the letter of a friend: "I have at last reluced lemon pie to a science. I take my biscuit-cutter and cut from puff paste very thinly relled, smound the edge I curl n narrow strip of the paste, and bake these shells. While they are baking I prepare the following filling, which 'is wery fillin' at the price:' I take my lemon and do not roll it-cause why! it grates better when it is firm. After the yellow rind is all grated into a bowl, I squeeze in the juice, and if any little cells go in I do not say them nay. I then put in a cup' of sugar and the yolk of one egg, atir well together. Upon thia I pour a large cup of cold water (no mills), into which has been atirred a dessertapoonful of corn atarch. I put all into a aauce-pan and atir until it is cooked into a rich, clear, straw-colored jelly. My shells now being baked to look as much poasible an if they had come from Rogera', I fill them, and from the white of the egg make a meringue, to softly cover each. I pop them into the oven one brief instant, and bear them in trimmph to the pantry to cool. The crust being baked separately, it never soaks." $-N . Y$. Tribuse.
Ptocalillit-To one gallon strong vinegar add four ounces curry powder, four ounces good flour of mustard, three ounoes bruised ginger, two ounces turmeric, eight ounces skinned shallots, two ounces garlic (the last two slightly baked), one-fourth th, salt, and two drams cayenne pepper; put these in a jar, cover thrm with a bladder, wetted with the pickle, and over this a piece of leather; set the jar near the fire for three daya, shaking it three times a day, when it is ready for use. Put gherkins, sliced cueumbers, sliced onions, button onions, canliflower, oelery, French beans, nasturtiums, capsicums, large cucumbers and small melons in jar. All but the capsicums must be parboiled in salt and water, drained and dried on a cloth before a fire. The large cucumbers, or amall melons, are split so that a narrow spoon may be introduced, and the seeds scooped out; they are then parboiled in brine atrong enough to float an egg, and dried on a cloth before the fire; pour over all these vegetables the above piekle.
A Recift.-The editor of an Amerioan family paper atarted a domestic column recently, and a few daye afterward a female came into the office, carefully concealing something behind her apron. Are you the man that published that new and improved way to make currant cake?" He said he was "You said to mix washing soda with the flour, and atir in a little oatmeal and a little sweet oil to give it connistoncy?" "I-I-believe *o," "And to add 15 eggs and some treacle, and 2 ounces of gum arabio, and net it in a cool place to bake?" "I think that was it." "Well, take that, then!" and the indignant housewife floored him with a weapon that folt hke a sand-club, but which he knew in his heart
must have been a half. bsked chenk of cal must have been a half-baked chunk of cake con-
structed on his new plap. structed on his new plan.
Staawheraiy Shour-Cake-Make a cruat aufficient to cover the bottom of two pie-dishes, rolled this, of the ingredients which would make raised biscnits; bake both at once; have oughly cleansed ond warts of atrawberries thorthe paste is laked and well aweetened; ss soon as the paste is baked, while hot, spread with good batter, eover with half of the berries, sprink-
ling niore sugar on baked bisenit, butter as before, with the other half of the berries, with before, add the other well with a clean towel and oover wrap blanket, to remain to steam and oover with a
A Novke P
tive gevins filled asce yor Rams - An invenopoonful of cayenne pepper andon anok with a the rathole. When the rand tacked it ovor eyea were peppered by the bounoed out, his ahaken sack. He qquealed like a pifting from the
caped. The caped. The whole tribe have aince migrated.

