A DISCIPLE.

[Garth fir Times Democrat.] When quiet twilight so: tiy slips about With timed thoughts, that will not face the To hol i sweet converse while the stars come

And one by one,

The daylight cares are bushed and put to I' the fair world's broading besom, dim an t

And leaves with ten ler stir their watches And night winds thrill,

I count most dear. If in the lovely lors Tast thy heart teachet: I may grow more

Ah, frien I of mine! 'twill add yet one joy To Paradise!

MAKING BEET SUGAR.

The "New Process" as It Will He Conducted at Lavonham, Englands [London Letter.]

At the factory there will appear great changes readily observable to persons who were familiar with the operations of a do en years ago. The loads of carrot-shaped roots minus their green crowns cut oil by the growers; will be weighed, but not subjected to any tr.mming by hand; unless, indeed, a forked and fangy root be dealt with now and then. For, as there will be no rapid rasp grating up the roots into a fine pulp, there is no need for carefully paring of the small rootlets and fi res which used to go away in the drain water-to the clozging an I fouling of the brook which flows close beside the factory. And this waterway will not be corrupted and made pestiferous with black char water which used to pour from the charcoal filters, as there will be no such filters.

The beets, cleansed from adhering soil by the mechanical stirrers and brushes revolving in long vats of washers, will be elevated to the cutter-a machine resembling the rootseutter used by a shepherd - which slices the roots into finger-pieces; and these will be sent down a spout or trough which delivers a proper charge in turn into each of a

crane jib.

mencing as clear water with each spent hausted charges in succession till it ses, as a rich solution of sugar, salts and impurities, from the last vessel in which the maceration of fresh beet is begun. Each of the vessels is emptie! in turn of the spent beet, which is carried to the pressing operation, where any sweet sirup remaining is made to to exude-the pressel beet, however, still holding enough nutritie materials to be an ex ellent fattening food for animals. This will be loaded upon carts fetching it away at the price of 6s per ton; that is, half the price formerly paid for the pulp as it came from the bagpresses after the rasp.

The solution from the beet will be boiled with lime, which is termed "defecation," and the lime then precipitated by blowing carbonic-acid gas through the liquid. By the old process there would follow a second defecation, and then the tedious and expensive chargoal tiltering. But it has been observed that the mineral earth strontia has the property of being able to seize and enter into combination with sugar solution. Hence the liquor is boiled with strontia under pressure: a vellowish-white sucrate falls as a deposit to the bottom of the vessel; the water, still holding the salts and impurities

though it has parted with the sugar, is run out through the precipitate of sucrate on a screen upon the bottom of. the vessel, and this material is then treate I with earbonic acid in water, which breaks it up, separates and recovers the strontia, and leaves the pursugar in solution to be concentrated by vacuum pan and crystalli ed in the usual manner.

The greatest gain of the new process, however, i. that, whereas by the old crystalli ation process the manufacturer lost some 20 per cent, of the sa charine matter of the beet juice, which from contamination of salts could not be er;stallized and went away in the molasses -a product of low value-tile strontia perfectly clears all the sugar from these impurities in the way of crystallization, and e tracts up to 95 or a more per cent. of the sugar containe I in the beet juice.

Dangers in the House.

[Pall Mall Gazette.] More "dangers in the home." paper one's walls we knew already is simply to court death, for the papers may contain ars nic, and to detect its presence requires more knowledge of chemistry than the common managan possibly aspire to. Dustbins, too, and dust-cellers have long age been ban-"ished from all "sanitary houses, or where these dustbins are there are the germs of disease gather together. A hundred other dangers were point at out the other day in a paper read at the larkes museum: Carpets are a favorite lurking place of the enemy. Cur tains and blinds are an abomination for they "choke the house by pressing on its windpipe." But do not suppose, on the other hand, that you are safe by just opening your windows; for although fresh air is all very well, even "the air should be cleansed, if possible." The crowning stroke was re erved for Sir Robert Lawlinson, who tells us-cheerful advise this, with the thermometer where it is -to avoid storing coals, for they are 'liable to ferment and to give o I gases in ur ous to health."

C m , Hogs, and Crows. |San Francisco Bulletin. |

Clams are very abundant at the mouth series of circular vessels, placel in a of Frazer river, Washington territory. ring form of arrangement for being con- When the tide is out the bogs that are swings round from the center like a down the bank and begin rooting in the sand for the luscious bivalves. No By what is called the "diffusion" pro- sooner are the hogs down the bank than cess, water of different temperatures at crows light upon their shoulders, and different stages flows continuously no sooner are the clams uncovered than through all the vessels in turn, com- the birds snatch them and fly away. They get over a rock, and dropping tacharge of leet, and gradually enriching clans, im nediately dart down after itself with the juice from partly ex- them. If the shills are not broken the first time, they ascend higher and let them fall again.

> Kerosene in Cold Weather. [Boston Budget.]

tion of why kerosene oil lamps do not chicken on top, and all is over. light oils will thicken with the cold at tendency to incrust and char in burn- corn, oranges, grapes, figs, persimmons, cost from 2 to 3 cents per gallon more.'

A Model of the Bastile.

[Exchange.]

One of the most interesting relies possessed by the late Comte A. de Liesville was an accurate model of the Bastile, carved out of one of the stones of that edifice. He had 1 , "00 Looks and papers, and coins, midals, arms, in, like roller skating, a new and peculetc., innumerable, connected with that revolution and with those of 1830, 1848

The Spanish Government has prothe board of health.

Iroquois beat Cardinal at lacrosse on Saturday three games to two. The game was played on the ground of the latter.

Prof. Odlum, an expert swimmer. jumped from Brooklyn bridge, and only lived a few minutes after being taken from the water.

A Montreal woman has recovered damages against her daughter for slander.

> Porter's Fleet in Transit. [Ex-Confederate Gen. Maury.]

Kext day I received orders to go to command the department of East Tenswinging around the point. Our bon- living. ford and Albatross.

guard the Mississippi river.

Japaniae Cookery.

Tokio Let rii C. e go Times.

veniently charged by the spout as it pastured in the adjoining woods rush wish to invade the culinary department, but you, would tetter follow the Scriptural injunction and "eat such things as are set Lefore you." Not that things are necessarily uncleanly, but there is a general mixture of cookery and smells, which only the well-filled stomach en oys. Tell them to cook you chicken: you hear a squawking in the house, and in just five minutes the late lamented bird is before you, all cooked. It is done in this wise: Upon a charcoal fire are placed thin copper pans, which are almost instantly heated to a An oil inspector offers this explana- white heat. Oil is dropped in, the

give as good light in cold weather as at The natices eat little flesh. Only since other times: "Wisconsin test prime the advent of foreigners have they learned to cat it at all. Their sustentemperatures varying from zero to 20 ance is drawn mostly from rice, sweet, degrees above. Freezing separates the potatoes, fish, and a few vegetables, particles of paraffine from the remain- such as a great radish called daikan. der of the oil. They are attracted by They also cat millet, and, strange to the wick and fill the pores, destroying say, buckwheat is made into soup. The its capiliary power and increasing its lesser articles are barley, wheat, green ing. The best kerosene oils for burn- etc. There is a soup made of rice, small ing in cold weather are water white, pieces of dough, a little seaweed, some colorless oils of light gravity. These snails, and sharks' fins. You may pass it by, preferring boarding-house hash, or anything less complex. One great drawback to foreign travel in Japan is the difficulty of getting suitable food: but with a good digestive apparatus you will be able to pull through.

A New D seaso.

Lawn tennis is said to have brought iar disease. It is a rupture of a muscle in the arm. The attment has already been dignified by a naure.

The Scott Act contest in Kingston and hibited the inoculation of people with Frontenac, on Thursday last, resulted cholera virus, pending the decision of in the defeat of the Act by a majority of 53 in the city, and a majority of 516 for the Act in the county. How is it that the cities go so strongly against this high moral reform. Is it a want of morals or money?

THE body of Prof. Odlum, who met his death last week by leaping from the Brooklyn bridge, has been thoroughly examined and the fact brought to light that every important internal organ was ruptured, by the force of striking the water.

How Young Lawyers Are Led into Disreputable Practice.

[Chicago Herald.] nessee. Gen. Stephenson asked me to "The majority of young lawyers in a remain a day or two, because Grant was large city have to wait for years for making a move. That night my pickets, their first brief," said a member of the soon after midnight, began firing. All profession whose reputation assures him of my staff were at a ball given by Col. a large annual income, and whose legal Watts and Maj. Carrill, commissioners standing is unquestioned. "If they for exchange of prisoners. All the have induential connections some colfashion and beauty of the city were lection or some commercial business there, and all the officers who were so might be thrown in their way, but if fortunate as to be invited and who en- these connections fail them their lot is, joyed such an occasion. Since the indeed, a sorry one. Many a bright "sound of revelry by night" in Bel- young man has lost energy and hope for gium's capital, no such startling call was brighter prospect waiting in his dingy made as Forter's fleet occasioned that office for some legitimate case to turn night. All of the young officers (and up. His little savings are gone up in some of the old) ran off to their com- books, office rent and the necessities of mands. The girls fled in panic in their life; he has no means in wew, no thin robes and slippers along the muddy friends, no briefs. Finally he drops out roads to their several nests. It was of the list and clerks for his more suc long past midnight when the thirteen cessful brethren or does something elsa vessels, including the transports, came than practice law to earn an honest

fires promptly lighted up the whole But only too often he gives way to the river front and every line and every tempter. He becomes the teacher of rivet of every ship could be plainly sharks in human disguise, showing them seen as they moved bravely down under how they may squeeze the very lifethe fire of all our batteries. We sunk blood out of their victims-'skin them three transports. The others got safely ali e, as the saying goes - or, worse by and joined Farragut with the Hart- still, he associates with criminals und becomes himself a priminal. Naturally Then the Confederacy was sundered sharp, his observation becomes sharper and there was no more sense in con- by disreputable practice. Always bortinuing to keep Vicksburg fortified than dering on the brink that would precipithere would be to-day to fortify at to tate the unwary, he shrewdly evades the law, trusting to the many technicalities which, unfortunately, encumber the practice of the profession and give rise to the phrase of 'the glorious uncer-Upon arising in the morning you may tainty of the law.' Some are quite successful financially in this direction, but they have lost easte with the honorable ma ority of the profession."

The desire to be mentioned, to become acquainted, to "have their names in the papers," leads many a promising young lawyer to take up criminal cases of a sort that had better be left severely alone. Criminal cases in general-so all the respectable practitioners with whom the reporter conversed, said-are not the best means to build up a lawyer's practice, and some criminal cuses are positively in urious to a fair profe-sional reputation. Here, then, is the dividing line between the reputable lawyer and the police court shyster-a venomous, reseally invividual that

abounds in every large city.

These malignant excrescences of an honorable profession hang around the police courts like harpies waiting for prey. The disreputable female, the professional bummer, the veriest guttersnipe, the tragging rowdy, the drunken sot are alike their customers, and fe's range from 50 cents to whatever amount of lucre this malocorous clientele can scrape together. "There are cases on record where the shyster has exchanged his seedy cont or torn hat for the better articles of his client in cases where no cash could be obtained. As a rule the swaggering. r m-soaked shyster is a power in ward politics, and not seidom he has an a derman or a county comm scioner "dead to rights" for political services rendered to enforce his strange expounding of the law of the land before the magistrate.