"Your account's out just one loaf, young fellow," the foreman of the bakery, Mr. Jacques, said to the boy who stood before him.

The transport of the tr

Joe Marston tried to think of any sale for which he failed to make collection. His business was to deliver bread a day old throughout a district in which poor people lived who preferred the stale loaves because they were a cent apiece cheaper than the fresh ones. Mr Jacques was a gruff man, and apparently without the kindly disposed heart that is sometimes thought to be hidden under a rough exterior. At any rate, he held the drivers of the bread waggons to a very strict account.

exclaimed, as a recollection came to pipes had been twisted off, the blaze him. "Old Mrs. Machon hadn't had would spread rapidly. On reaching anything to eat since yesterday, and I let her have a loaf until to-mor-

row. We're not running a heat were in their faces. charity hall. If she pays you back over now."

looking as if he had committed some to let them down as far as possible crime. When the foreman went before they dropped. away (he was a stockholder in the company) some of the working girls arrived in the alley, and although expressed their opinion of him in it Ras chocked with fallen bricks, vigorous terms.

lieve he's got any heart," said one. time the latter were carried below. "You did right, Joe. I guess the "Follow me down," the fireman four cents! Here, Joe, you're not ond girl over the railing, "and be going to lose it," and Joe was of- quick about it. The fire is comfered the money.

ought to pay for the loaf myself. I proaching flames, and on bringing see it now, but I thought I was do- his eye back it took in the mass of late head far in the South Atlantic, during lactation. ing right. The bread wasn't mine ruins beneath him. to give away, and I won't do it again unless I'm willing to pay for | denly shouted to the firemen, and he | of a rock.

Although he saw where he had wall. done wrong the sympathy of the girls was very grateful to him and perilous step? Lying head downrestored his confidence. He was so ward over a beam, he saw Mr. Jacpoor himself that he had a hard ques and determined to rescue him. time to make ends meet, yet he felt | Sliding along a steel girder which glad he had given the loaf to the inclined that way, Joe jumped to destitute old woman; or rather, the place where the foreman lay, trusted her with it, for he was to with his clothes caught on a spike. be paid on the following day. But He was unconscious but still breathhe now saw he had no right to trust ing. Had it not been for that spike, ought to have paid for it without ruins at the first crash. But other being told by the foreman.

Joe handed in his report.

"Correct this time. Didn't find left to his fate. any poor old starving body, eh?" the foreman asked, jeeringly.

the foreman.

ing was on the fourth floor, and a shoulders of the unfortunate man on common among seafaring men to tions. There are many farmers who content of the morning's milk of been piled there recently while the safe to release his clothing; other- "Rhyme of the Ancient Mariner" is turing of sheep at any or all sea- most days below 3 per cent. Simibasement was undergoing some re- wise he would fall, since he was too based upon this belief. pairs. Suddenly there was a creak- heavy for Joe to hold. ing, groaning sound heard, and the To get Mr. Jacques' shoulder on killing of an albatross bringing bad practice. We believe that experi- the country." floor began to sink. Those nearest the beam was no easy task. how- luck is only a foolish one, it has ments would prove that it is, as we the windows, which were open, ran ever, for Joe's strength had been served a useful purpose for many can see no reason why they are so towards them; but only three reach- nearly used up already; but it was ed them before the building collaps- accomplished, after which Joe took ed, the walls bent inward, and ma- out his pocket knife to cut the chinery, flour, men and women went clothing away from the spike. crashing through to the basement.

came up from these below who were and all his labor would have been crushed in the wreckage. Joe had lost but the firemen came to his ascaught hold of a window sill, and sistance, having hurried to the sechad no difficulty in drawing himself ond floor to see what had become of to a seat on the ledge; but the wall him. With their aid Mr. Jacques itself was tottering and he was in was taken out safely and sent away great danger.

him, and Joe looked inward. Two went home. girls who had expressed their symhold on longer then a few minutes. him as gruffly as ever. Joe felt his nerves tingle at the

thought. He turned to the outside. fire-escape was about six feet beneath him and although twisted by the bulging of the wall, it ran up to the window where the girls were hanging. He dropped to it, and then made his way to the upper window as rapidly as possible, bracing his feet against the iron railing and his shoulder against the side up on the fourth floor seem to like of the window he grasped the arm of the girls and pulled with all his might, telling her to help herself at the same time with her other hand. She did so and was soon leaning | Saved mine, too, didn't you, eh?" through the window, from where she and the injured man looked and made short work of getting out on spoke as if he were ready to give

the fire escape. Then Joe tried to help the other girl in the same way. But she had building, sir." been holding on for a few seconds longer than her companion, so that few weeks and I want you back at when Joe took her by the arm she your work." let go of the window with the other hano also. This threw her entire chance." weight on him, and he was drawn

deavor. It was a terrible moment. With Joe was beginning to understand every muscle strained until his eyes although Mr. Jacques talked as if seemed to start out of his head, and he were scolding vigorously. the sharp corner of the casement cutting his shoulder, he felt himself treasurer," the foreman resumed, "to being overcome. As he thought of pay you your wages every week unthe terrible death for both of them til we get to work. Understand?"

if he was drawn over the ledge, or for her if he let go his hold on her much."

arm, he gasped: "Catch the sill with your other hand, quick!"

She understood and tried to do so, but her effort in reaching up pulled him so far inward that the moment greatly increased their peril, and caused her fingers to fall short of the sill by an inch or two.

"I can't!" she screamed in a frenzy of fear, her fingers scratching the paint in their wild grasping to secure a hold.

Just then both felt an upward and outward motion to their bodies. The girl first rescued heard her companion's wild scream, and at once seized the hand of the arm which Joe held, pulling outwards with all her might. This assistance came not a moment too soon, and with it Joe was enabled to drag the girl safely to the ledge.

They were obliged to rest a moment, and then began to make their way down the escape. No time was to be lost, for coals from the fur-"Oh. I know, sir," Joe suddenly nace had started a fire, and as gas the third floor a portion of the walls which had fallen across the escape was encountered, and they could go "Then why didn't you pay for it no further. Already the smoke and

"Girls," Joe said, there's nothing all right; but you'll have to fork to do but jump, so come on, and he started to assist them over the rail-Joe handed out the four cents, ing of the escape, and in this way

But at this moment the firemen they planted ladders and started up "The mean old thing! I don't be- for Joe and the girls. One at a

Gem Baking Company can stand said to Joe, as he received the sec-

"No, I won't take it, 'cause I Joe turned to look at the ap-

disappeared inward over the broken

What had led him to take such a other perople's property, and that he he would have been buried under the parts of the wall were occasionally After his delivery on the next day falling in, the fire was advancing, and he must be removed at once or

The beam, fortunately, was lean- other sail but theirs, the presence of ing outward towards the point the albatross following the ship day Joe did not make any reply, but where the wall had fallen away from after day became a great source of supply for sheep is a much contro-sible, the results, nevertheless show went to his work, while the girls it, and the inner end was hanging comfort and companionship. So it verted point. We are unable to find that the fat content of the mornturned up their noses at the back of on a wire which was attached to it. came to be a belief that ill-luck any definite and decisive data on the ing's milk may be increased by feed. When Joe leaped to the beam, all would follow any one who killed one question, and think it would make a ing stuffs in the morning. During The place where they were work- he had to do was to shove the of these birds; and that belief is good topic for our experiment sta- the summer months the average fat large quantity of flour in sacks had to the timber, in order to make it this very day. Coleridge's famous would like to know whether the pas- the herd under investigation was on

is not likely that he could have In a moment screams of agony guided the body down the incline, in an ambulance, while Joe, too The cry came from someone near weak to be of any further service.

The fourth day alter the collapse pathy with him when he was repri- of the Gem Baking Company's buildmanded by the foreman, were hang- ing, Joe received a message to visit ing to the sill. To let go meant to Mr. Jacques in the hospital. When fall to the basement and, almost he was shown to the cot on which certain death; yet they could not the injured foreman lay he found

> "Well, you'll not have a chance to give away any bread to hungry peo-The ple for a few days, eh?" was the greeting he met with.

Joe was so confused that he could answer only, "N-no, sir." "Should think not," Mr. Jadques grunted. "Get hurt any?"

"No, sir." "Well, I did. A broken head and a shoulder out of joint. Those girls you well, ch?"

"I-I don't know," Joe stammered. "I do. Been here and told me about how you saved their lives. Joe a lecture for doing so.

"I helped to get you out of the "Well, we'll be running again in a

"Thank you, I shall be glad of the

"And you can give away a loaf of inward in spite of his utmost en- bread to anybody you find starving. Understand?"

"Now, here's an order on our

"Yes, sir, and thank you very

"Well, I'm doing a little thanking in my own way, too, so that's all right. Now, the doctor says I got such a shaking up that I mustn't talk to anybody very long at a time, so I guess you'd better go." "Very well, sir, good-bye."

"Good-bye." When Joe was about ten feet from the cot, Mr. Jacques called him back. For the first time since knew him, Joe saw a wistful, kind look in the foreman's eyes as he asked:

"Couldn't you come back to see me day after to morrow?" "Yes, sir, and glad to," Joe answered, feeling a lump rise in his throat, he could not tell why.

ALBATROSS EVERYWHERE.

Sailors Look Upon it as Bad Luck to Kill One of Them.

Of all the strange creatures seen highly desirable. Supplying them by travellers not the least interest- individually in the stable by means ing is the wandering albatross. This of pails or troughs established congreat, feathered wanderer, some- ditions which are apt to breed filth times measuring 17 feet from tip to and stale water. A clear spring or tip of his wings, will follow a ship creek is an ideal watering place in for days at a time. Some travellers and sailors declare that they have seen a particular bird fly for weeks at a time without ever being seen to alight upon the waves.

It not merely follows the ship, but wheels in great circles around it and above it, high in the air, as if to show that it is not tired. Sometimes the bird will be seen to hang in the air with its wings apparently motionless and the sailors say that then it is asleep.

Not only in pleasant weather will Once a year the female albetross eight gallons of water daily. or to some equally remote place,

bird of mystery, and in ancient supply, the milk yield increased being more pronounced in the morntimes the people believed that these about one pound daily with no de- ing's than in the evening's milk; unwearying sea birds were the com- crease of fat content. panions of the Greek warrior Diomedes, who were said to have been changed into birds at the death of their chief.

en seas" generally, the old belief dry roughage than when fed on no keel but their own, and upon quired 50 pounds. whose vast expanse they saw no

Though the superstition about the water is not accessible is a losing other herds in different parts of years in preventing the slaughter of different from other stock as not to these beautiful and gallant birdsthe sailor's friends and the lands-

men's wonder. Up in dreary Kamchatka, that outlying part of Siberia which cuts into the North Pacific, the natives, never having heard of the superstition about the albatross, catch him and eat him. But his flesh makes such poor food that after all the legend may be said to hold good, for he is indeed in bad luck who has to make a meal of it.

WARNED HIM.

He stood before her father. ask me for my daughter?"

"I-I-ye-es, sir, if you please."

you will have to-" "Oh," the boy interrupted, having regained his self-assurance, "you needn't give yourself the least uneasiness on that account, Mr. Scad- water supply for the farmer is the dsleigh. Without wishing to boast, I can assure you that I shall be able ply smaller tanks at the places of to support her in the style to which consumption, these tanks being kept she has been accustomed. I have a filled by means of float valves. fine position in my father's bank, Where one is sure of the wind or has to which I have worked up unaided a gasoline engine, emitting the large and alone, and I am to be made a storage tank will insure a cooler, director of the institution just as fresher supply of water in summer, soon as I have found out the differ- but these ideal conditions are not

intended to refer to. Have you look- ties in heating during the winter, ed over Juliet's mother carefully?"

you." "How do you like my wife?"

Mrs. Scaddsleigh." she was twenty-four she was just as sweet and pretty and coy as Juliet is-was just like her, in fact."

"Ah, how charming!" "Do you still want her?" ful to me."

thank Heaven!"



SOME DRINKING PROBLEMS.

We cannot be too careful about the water supply of our stock. Too often it is allowed to stand and stagnate in tank, trough or pail in ed ice cold or is frozen over most 8 per cent. in milk yield. of the time so that some of the stock may not gain access to it during the entire day. Some of the animals may obtain all they want while by those which are "boss." horning the cattle will prevent this latter trouble to a great extent.

WATER FOR COWS.

The cow requires a liberal supply of water. She can subsist on one drink a day but two or more are summer, but in winter it may be frozen or require a long journey through the snow to reach it, and with such conditions the cow will often remain thirsty rather than brave the trip to the drinking place. Experiments have shown that an ordinary cow will drink from 50 to 100 pounds of water per day, about 4 pounds of water to each

pound of dry feed consumed. It has been found that when a grain ration was replaced by roots the water conthe albatross follow a ship for days sumption fell off materially; when and weeks, but through the most fed on dry feed, the amount drank terrific storms it will continue its was about double what it was when untiring flight. In fact, to find an fed on green pasture. The New albatross otherwise than on the York Experiment Station concludes wing is like finding a weasel asleep. that each cow should have access to flies away a few thousand miles to same station found that when cows ing on some experiments to test the the great, lonely island rock of Tris- were dry they drank but 65 per cent. tan d'Acunha, which lifts its deso- of the amount these same cows drank the quality of the milk. He reports

In a trial in Germany it was "Go to the second floor!" he sud- and there lays one egg in the hollow found that when cows which had been given water twice daily were increased the yield of milk, but de-The albatross has always been a changed to stalls having a constant creased the fat content, the change

WATER FOR HORSES.

The amount of water required by horses varies more than for any When America was discovered and other animal. It is greatly affected ships began to sail abroad to the by work and feed, being about twice Pacific Ocean to double the Cape of as great when the horse is at hard Good Hope and to explore the "sev- work, and much greater when fed on about the albatross had been for concentrated ration. In one experigotten by the sailors and explorers, ment a horse while walking required but in their long and lonesome voy- 27.5 pounds of water daily, while ages over waters which were cut by trotting and performing work he re-

WATER FOR SHEEP.

repay some attention to their water supply. True a sheep in fairly green pasture will subsist and appear to do well with no water except that supplied by the feed and dew, but the feed so often dries up and the dews become light, and then where is the moisture needed for bodily growth to come from? Miller says that a perfectly fed sheep will require little water but that in general they require from one to six quarts. We all know that sheep will drink a great deal of water if they have access to it and we will not go far wrong in supplying it where possible.

man, "I suppose you have come to water content of the body of the mal being but 35 per cent for very "Um! Have you stopped to think fat sheep. The fat calf has 63 per what getting married means; what cent, the fat ox 45 per cent. and the fat pig 41 per cent.

METHODS OF WATER SUPPLY.

Probably the most satisfactory wind mill and storage tank to supence between collateral and assets." often practiced. Again, small "Very well; but that's not what I drinking tanks may present difficulbut they are offset by the constant "I don't believe I quite understand supply of fresh water which they furnish in summer.

Where but a few animals are kept, "I have the highest respect for water may be pumped by mill or by hand as fast as needed. The spring, "You have, eh? Well, sir, when creek, river, and pond are desirable in the order named. Standing water in small pools should be avoided.

HEATING DRINKING WATER. It is a well established fact that "All right. I suppose, then, that drinks it in hot weather because he I must yield. But," he said to him- likes it and suffers the consequences: self as the young man was rushing the latter drinks it in cold weather away, "my conscience is clear, because his owner furnishes no other and again the loss due to reduced

yields and profits falls on the hu-

man family.

King, of Wisconsin, supplied water of 70 degrees to one lot of cows, and at 32 degrees to a second lot equal in all respects to the first. In the first trial the cows getting the warm water drank from eight to ten pounds more daily, and have per cent. more milk. In the second trial they gave 1 per cent. more. The Indiana station found that when the temperature of the water supplied to cows was reduced from 79 summer, while in winter it is suppli- degrees to 38 degrees F. they fell off

The results seem to show that warm water is highly desirable for stock (milk cows at least) in cold weather. The question is, will the others are kept away from the tank increased gain equal the expense of heating the water? For a few animals it may not, but where many animals are kept we believe it will pay. Not only is warm water desirable for milch cows but it will also decrease the amount of food consumed by the fattening animal.

Tank heaters are generally employed to raise the winter temperature of the drinking water. We can not enter into a discussion of the styles, cost, fuel consumed, or danger of fire, except to say that most of the objections to their use can be overcome. The fuel expense is trifling if the heater is of an approved pattern and rightly managed, and if the tank is some distance from stacks or buildings there is little danger of

In our vicinity most stock tanks are now built of cement. One which we have in mind is covered, the tank itself forming the foundation for the shed above. The doors at each side are opened for drinking two or three times each day. other times they are closed and in this way the water is warmed with little loss of heat.

MILK AFFECTED BY FEED.

A Scotch dairyman has been carryeffect of feed, and time of feeding on the following results:

"It was found that changing from a narrow to a wide, nutritive ration and also that feeding all the grain ration in the morning tended to increase the fat content of the morning's milk. Feeding all the grain in the evening also tended to increase the fat content of the morning's milk, but had apparently little or no effect on the evening's milk. These changes persisted for a number of weeks after the conclus-, ion of the experiment proper.

"While milking at equal intervals is believed to be the best method of preventing the fat content of the morning's milk from falling below the legal standard of 3 per cent. The necessity of a continual water- and should be adopted wherever possons of the year in a lot where lar results have been obtained with

SILVER FOR SURGERY

A well-known surgeon has made use, with excellent results, of a sheet of silver-leaf in dressing wounds. The silver sticks closely to the surface of the wounded or diseased tissue, and a small quantity of cotton soaked in collodion is sufficient to keep it in place. When the wound is fresh, it heals quickly, without inflammation or suppuration. The antiseptic properties of silver are not popularly known. Some years ago Dr. Rollin, of Lyons, France, in cultivating microbes in a bouillon which he had placed in a silver cup, found that the microbes perished, and at the end of a few hours completely disappeared. The fact was "Well, sir," said the older gentle- It is, however, true that the pletely disappeared. The fact was all the more remarkable, as the sheep is less than for any other ani- same microbes multiplied when placed in another vessel. Pursuing his investigations, Dr. Rollin analysed the bouillon which was contained in the silver vessel, and found therein a small trace of silver, which infinitely small quantity had rendered the bouillon antiseptic.

THESE MODERN TIMES.

It is true that, while civilization develops man in some ways, it also degenerates him in others. For instance, prepared foods weaken the stomach; whereas when men had to eat coarse food, they had only sound digestive organs, but magnificent teeth. These facts have led philosophers to-day to prophesy that the time will come when man can live without a stomach by eating prepared foods. The principle of disuse is well exemplified in the foot. Condensing the foot within an ill-fitting shoe distorts it, makes the toes grow smaller, and is driving the little toe into disuse.

NEARER THE MARK.

Briggs-'Do you believe that the "Life without her would be hate- ice cold water is desirable for nei- world is divided into two classesther man nor beast. The former those who borrow and those who lend?"

Gregory-"No, sir; my experience is that two other classes are much more prevalent-those who want to beneau and those who won't lend."