

THE LIFESAVERS AT WORK

HOW WRECKED MARINERS ARE BROUGHT TO SHORE

Practicing With the Breeches Buoy and Launching the Lifeboat—Daily Routine of a Crew.

Soon the busy season of the life-saving corps along the coast will begin, and the sturdy crews of the little stations are hard at work practicing with life-line, breeches buoy and surf-boat for the winter gales and howling storms.

Like his brother surfmen along the coast, Captain Van Wicklin was ready to repeat the story of how wrecked mariners are brought safely to shore and pointed out the value of this and that ingenious contrivance with the enthusiasm of a boy at a circus.

One of the crew was sent to the flag pole, and from that point shot off a small cannon as a signal of distress. A quick order from Captain Van Wicklin, and the next moment the crew were hauling the carriage containing the apparatus to a great rate.

While the Captain was preparing the charge and aiming the gun for the flag pole, as the imaginary ship, the other members of the crew were burying in the sand two heavy cross-beams to which the pulleys and heavy ropes were attached.

"Stand ready!" cried the Captain. The crew immediately took their positions at the ropes, and a second later off went the bar of steel through the air like a rocket, taking with it the rapidly uncoiling line.

"Make this hawser fast about two feet above the bar block. See that all is clear, and that the block runs free and show signal to the shore."

The sailor fastened the rope as he was told, and showed the signal. The rope was hoisted a huge pulley at a tent pole under the rope about ten feet from where it was fastened in the sand. In the meantime the light line had been run out again by a series of pulleys, and when it had completed the circuit the breeches buoy was attached and quickly sent toward the sailor over the imaginary wave.

"Every man in the crew," said Captain Van Wicklin, "has a regular position and a special duty to perform, and that alone he is required to do, unless an emergency requires his services elsewhere."

The life-car is another adjunct, and a valuable one, to the life-line. It is an inclosed boat, built of the sheet iron about ten feet long, and pointed at both ends. At the top of the car is a small trap door, which is just large enough to admit the passage of a medium-sized man.

After the ropes and the buoy were run back to the station the order was given for practice with the life-boat. The men stood at the ropes and at the proper order out of the station they rushed with the boats on its carriage.

"Do you want to get wet?" asked Captain Van Wicklin, of the reporter, who agreed to take a ducking for the sake of a trip through the surf.

THE FARM AND GARDEN.

SECOND BLOSSOMING OF TREES.

Fruit trees that have had a portion of their leaves destroyed sometimes start in the fall the leaves that should appear in the following spring, and with them the blossoms of fruit buds are formed.

Cherry trees too roughly handled when cherries were picked are the most frequent examples of this second blossoming freak, though sometimes branches of apple, pear and plum are affected in this way.

The branches that thus blossom prematurely do not bear the following season. It is not good for the tree to have its regular habits thus disarranged. Sometimes green shoots put forth with the blossoms, and are killed by the cold of winter, and the more or less injures the vitality of the tree.

DELICATE DAIRYING. No matter how pure the dairy is kept, or how carefully the milk is strained, to secure absolute cleanliness it is necessary to strain the cream.

With the cultivated fields it is nearly always an item to get the greater portion of them properly fitted for the soil as early in the spring as the soil can be worked into a good condition.

Fall plowing is one valuable assistant in this work, yet it is impossible to fully obtain the benefits of fall plowing unless good drainage is provided.

The work should be done in the fall before the ground freezes. In planning the work care should be taken to avoid washing as much as possible.

When the land is broken and is easily washed the furrows or ditches should be sufficiently winding to allow a gradual descent. On more level, where there is less danger of washing, straighter furrows can be made.

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SOAKING GRAIN FOR HORSE.

A floating item declares that the most careful experiments which have been made show pretty plainly that cooking grain feed for horses is not only profitable, but an absolute waste.

It is not good economy to allow water to stand upon growing crops, meadows, orchards or land intended for spring crops.

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Judging Distance by Sound.

Some experiments in judging distance by sound were carried out on Saturday last by one of the London brigades of the Metropolitan Volunteers.

It was first explained to the men that sound travels at the rate of 1100 yards in three seconds, and on this basis they were to estimate the distance at which some rifles were being discharged in the darkness.

Half a dozen school boys were working their brains in a sidewalk congress the other day over a difficult problem in quadratics.

Governor Shoup, of Idaho, reports that the population of his Territory is 113,777, a gain of 31,107 since 1880; that in the past year the assessed valuation of property has increased \$5,000,000, and the production of gold, silver, lead, and copper \$8,000,000; the 600,000 acres of land are under cultivation, and that the total railroad mileage is 888.73 miles.

The American Economic Association has received a sum of money to be awarded as prizes for the best essays on the subject of women wage earners.

A New Kind of Insurance Has been put in operation by the manufacturers of Dr. Pierce's medicines.

Do you want a situation? Kelly, Lough & Co., 496 Main Street, Buffalo, N. Y., can get it. Address with stamp.

Medicine always copies superiority. Dobbins' Electric Soap, introduced in 1884, has been imitated more than any soap made.

Oliver Wendell Holmes refuses to write any more poetry.

Oregon, the Paradise of Farmers. Mild, equable climate, certain and abundant crops. Best fruit, grain, grass and stock country in the world.

Drainage in the Fall.

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What Women Can Do.

Every wife or daughter living near a village or large market, can make many dollars each year raising eggs.

About 2300 miles of main for carrying natural gas have now been laid in this country, and the total capital invested in the business exceeds \$50,000,000.

A Few Potatoes. The recent statistics of the number of deaths show that the large majority die with consumption. This disease may commence with an apparently harmless cough which can be cured instantly by Kemp's Balsam for the Throat and Lung.

There are 210 co-operative building and loan associations in the State of New Jersey.

Beware of Quackery for Catarrh That Contains Mercury. As mercury will surely destroy the sense of smell and completely derange the whole system when entering it through the mucous surfaces.

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ADWAY'S READY RELIEF. THE GREAT CONQUEROR OF PAIN. For Sprains, Bruises, Headache, Pain in the Chest or Stomach, Rheumatism, Toothache, or any other external pain, a few applications rubbed on by hand, act like magic, causing the pain to instantly stop.

ADWAY'S PILLS. An excellent and mild Cathartic, Purify the Blood, the Safest and Best Medicine in the world for the Cure of all Disorders of the LIVER, STOMACH OR BOWELS.

IF YOU WISH A REVOLVER. THE REVOLVER is the only reliable and safe weapon. It is the most reliable and safe weapon. It is the most reliable and safe weapon.

THE WONDERFUL LUBRICATING OIL. THE LUBRICATING OIL is the most reliable and safe lubricant. It is the most reliable and safe lubricant.

THE EDWARD HARRISON MILL CO. The Edward Harrison Mill Co. is the most reliable and safe mill. It is the most reliable and safe mill.

BASE BALL Chadwick's Manual. BASE BALL is the most reliable and safe manual. It is the most reliable and safe manual.

HOME STUDY. HOME STUDY is the most reliable and safe study. It is the most reliable and safe study.

Here It Is! Here It Is! is the most reliable and safe. It is the most reliable and safe.

BOOK PUB. HOUSE. BOOK PUB. HOUSE is the most reliable and safe. It is the most reliable and safe.

NORTHERN PACIFIC. NORTHERN PACIFIC is the most reliable and safe. It is the most reliable and safe.

DIRTY BREEDS VERMIN. DIRTY BREEDS VERMIN is the most reliable and safe. It is the most reliable and safe.

SAPOLIO. SAPOLIO is the most reliable and safe. It is the most reliable and safe.

THE YOUTH'S COMPANION. THE YOUTH'S COMPANION is the most reliable and safe. It is the most reliable and safe.