

NOT MENTIONED IN OFFICIAL DISPATCHES



French soldiers giving one of their nurses a swing.

MAIN STREET OF FRENCH TOWN IN THE WAR ZONE



This is the main street in one of the French villages as it appeared after the allies had driven out the Germans.

TAKING FLAG TO FRANCE



The first United States flag to go officially to the battlefields of Europe is in charge of Arthur C. Kimber, advance guard of the second Stanford unit of the American ambulance field service. The war department authorized Kimber to take the flag to France. It is the gift of the American League of California.

Dark Doings.

A Long Beach, Cal., man, discussing a coming election said: "That reminds me of the time I ran for mayor of Long Beach. In the course of my campaign a colored gentleman agreed to deliver 150 colored votes. The official count after the election showed I received just 101 votes. Next day I met my colored friend. I told him I knew positively whence came one of those 101 votes, but asked him what because of his 150 colored votes. 'Look a yeh, Massa Boss,' replied the Ethiopian boss, 'jess fifty of those niggars double-crossed me.'"

A Unique Metaphor.

A unique paraphrasing of a time-honored metaphor is recorded in the Outlook by Mary Dewhurst, reporting food riots in New York. One of the hungry women among those who presented their grievances to the board of estimate cried out: "We come to you gentlemen here with the bees heads and you tell us that there are no laws to let you help us. You can not take the sails out of our wind like that." ...

SCRAPS

Railroad extensions in China are proposed involving an amount estimated at \$60,000,000.

It is reported in Mexican newspapers that hundreds of men are wanted to work in the Conchula mines.

Joseph Battell's bequest to Middlebury college, Middlebury, Vt., amounts to almost a million dollars.

The largest maker of paper fasteners in the world is an English concern which annually manufactures over 100,000,000 of these articles.

MUNITION DEPOT SHELLS COULDN'T HIT



This munition depot of the allies on the Saloniki front was bombarded for a week, but the shells hit everything except the target.

Friends Make Tommy a Sot.

Sir Alfred Pearce Gould, speaking at Kilburn recently and referring to the effect of drink on soldiers, said that the British Tommy was not a drunken sot; it was the civilian population that was at fault. Hospitals should be a sacred retreat for soldiers, he said, yet they would hardly believe how difficult it was, even there, to protect the men from the introduction of drink from outside. He knew of one paralyzed and helpless man who was found hopelessly drunk after his friends had visited him.—London Times.

Radish Seed Pods Pickled.

The young and tender seed pods of some varieties of radishes are sometimes used for pickling like capers; in fact, the Madras or rat-tail radish is grown exclusively for its pods, which are eaten cooked and also used in pickle making.—United States Department of Agriculture.

Material for making good paper, it is said, can be produced from refuse hops that have hitherto been thrown away in breweries.

French newspapers have adopted as the designation of the press censor the phrase, "La dame aux long ciseaux." "The lady of the long scissors."

When fish of the deep sea chase their prey or rise for some reason high above the ocean bed, the gases of their swimming bladder expand and they become light.

Duck Flew 2,000 Miles in 60 Hours.

Two mallard ducks wearing silver bands on their legs killed near Mobile, Ala., by Dr. Shelton C. Frederick some time ago were released originally by Jack Minor of Kingsville, Ont. Doctor Frederick received a letter from Mr. Minor giving details of the remarkable record in flight made from Kingsville to Mobile. The mallards negotiated the flight of approximately 2,000 miles in 60 hours.

Try Hominy Instead.

One simple way to solve the potato problem is to eat hominy instead. One would think that daily indulgence in potatoes was absolutely necessary to sustain life.—Chicago Tribune.

Oil From Soy Beans.

Oil mills on the Pacific coast have been operating for several years with soy beans imported from Manchuria, and have found a ready sale in that region for oil, cake and other products.

Exactly.

Gushing Girl—Standing between the terrified heroine and the desperate villain, the handsome hero looks sweet enough to eat.

Bad Brother—I see. He must be a regular "ham" sandwich.

Mean Masculine Ruse.

A California court required a woman attorney to remove her hat. This probably will curtail the feminine enrollment in the law courses.—St. Paul Pioneer Press.

HASHIMURA TOGO DOMESTIC SCIENTIST BY WALLACE IRWIN TOGO AT THE SEASHORE

Dear Mr.: Among the fresh air at Sandflea Beach, Conn., employed by Hon. Mrs. & Mr. Liddbeater, I am no longer to be found at that address. If some one could find a seashore without an ocean attached to it I should be more happily to remain.

Nikkamura Japanese Employment Agency send me there, where I arrive to smiling blue porch setting alonesome amid winds. The internals of that house resemble bleached aimshouse, yet Hon. Mrs. Liddbeater say she were fortunate to obtain it in fashionable location price 200\$ monthly.

"It are splendid place to come for rest," she report. "Now kindly to fetch 3 trunks upstairs, split wood, lynch hammock on porch, and deliver 14 buckets water from artizan well 11 blocks up street. When this are finished lurching can be prepare for 10, rugs beat, and ice-cream friz for party to-night."

I thank her and feel sure I shall enjoy this vacation from work.

These Liddbeater family have got two (2) children of assorted sexes, age 17 & 18 respectfully. Eclair are girl name and Oliver his. Both wear very giggling clothes and love to be engaged. She got Stanhope Whillebudd, deliciously matinee boy, for hers, while Hon. Oliver obtain sweetheart attention from Hon. Bluebell Vawk, young lady of extreme fox-trot.

But when Fryday night arrive up my vacation become considerably more entangled. From out from depot emerge Hon. Mr. Liddbeater with tired business expression while reading Wall Street news from paper.

"What shall we do to make you feel entirely idle?" require entire family together like chorus-girls.

"At 4.06 tomorrow a. m. high tide shall arise and codfish will be biting viciously," he say so. "Therefore we go fishing."

Groans by all.

That midnight was night for party where I friz ice-creams, served slight rabbits of Welsh birth, assisted chairs where dances was jumping, play ragtime on pianola, and was otherwise considerable talented. By 2.26 I retire upwards to my box bedroom under cooked roof, where I remained outside my dreams till 3.31.

At 3.30 came tap-knock to door.

"What is it?" I require with startle.

"3.30!" holla Hon. Liddbeater voice out there. "Arise to go fish!"

"Do fish get up so early?" I ask to know.

"Togo," demand Hon. Liddbeater like Napoleon, "while we fish you shall go along and whittle batt. Also prepare lurching for 10 and be very impromptu about it."

I do so and we nextly go to shore where I must carry complete lurching including baby and umbrella. Pretty soonly we arrive to detestable whale-boat being kept by salted gentleman resembling diamond admiral.

"Will this boat hold 12?" require Hon. Boss Man.

"So easily!" corrode Hon. Navy. "It were built for six."

Therefore all was compressed in while we chug with gas-perfumery to central middle of ocean.

All the ocean seem to tip up on one side as if it was going to spill into California. Something inside my interior stomach seem to speak of my ancestors. And look! Each stylish person of that cruise begin concealing their happiness by laying down on it. Groans. Yet Hon. Liddbeater continue to make happy cheek and smiling lip resembling Hon. Edw. Foy seeming comic.

At lastly he motion Hon. Salt Gentleman to choke his engine.

"This are the exact patch of waves where Thos Cod came to chew their



"You Are Discharged," Howell Hon. Liddbeater. "Report to My Office in N. Y. for Your Payment."

cod," he explained. "Therefore, Hon. Capt. stop boat. Togo, while all other fishermen lay dying, you shall cut baits attractive to fish."

"If convenient, Mr. Sir," I beret, "I should prefer to join the other groans."

"Continue to fish-hook or I discharge you!" he dib.

Of suddenly Hon. Mrs. Liddbeater arise upwards from pillows like a fried snake.

"For sake of your children," repeat her, "I ask you to cease making clams and people and Japs and fish miserable for selfish joy of your depravity. Put us somewhere where we can run away."

"Fishing cannot be accomplished by running away," he deploy with Samurai expression. "I never depart off until I have caught 14."

"O!" yellup Eclair jumping beside Stanhope and looking less engaged than usual. "Drowning would be painless after said."

"If you drowned I could save you," dictate Stanhope looking very pale Yale.

"Any shipwreck would be welcome," mone Oliver greenishly.

"Will nothing stop off your mulish fishing?" require Hon. Mrs. waking up from her death.

"Unless the boat sinks I shall stay remaining here until I catch 14," he growl.

That ocean now look entirely double to me and I could feel my courage rolling around inside my lung.

"If the boat sink I be much obliged!" gaggle all together like chorus-girls in hospital.

"I know how!" I holla with suddenness of intelligence. "By preparing to swim you shall snub those 14 codfish!"

Thusly exclaiming, I leapt uply & grab hammer where I layed sleeping beside lunch. With nimble ankles peculiar to heroes I jump to bung-plug in central middle of that boat. Whacks! Uply sprung plug quite corkish and next came huj sprout of salt Atlantic approaching inside like gigantesous fountain.

"Brainless species of mice!" reproach Hon. Mr. while attempting to brush out ocean with heel. Yet already Hon. Boat resemble bath-tub where all set in lake. Alarming wakefulness from seasickness was next to arrive and—before I could acknowledge—each person make flop-splash to water including me who was there amidst swimming while Hon. Boat turn over on his nose and spat up-down.

I save Hon. Mrs. Liddbeater, lady of large tonnage but considerable floatage. Hon. Oliver save Hon. Bluebell. Hon. Liddbeater save himself. Hon. Eclair save Hon. Stanhope. Hon. Captain save Hon. Bottle. So everybody were quite comfortable, thank you, hooking their nails to stumack of that boat. But where was room for me? I continue onwards splashing doggishly "Why should it?" I holla with water-sputts. "I save you from sick-death and yet you will not support me on your floatage."

"Get off off!" snagger Hon. Mrs. giving me crude push with heel while I attempt to slutch.

"Did I not stop fish-catch?" I bubble frogfully.

"We can be sufficiently miserable without you!" narrate Hon. Oliver while making water-polo across my head.

"You are discharged!" howell Hon. Liddbeater. "Report to my office in New York for your payment."

I hear this ingratitude with extreme compression of soul. How difficult it are to be useful when not required to do so! Therefore I would snub them with my immediate departure.

Thinking thusly I struck offward in gen. direction of New York and when lastly seen I feel very free, although expecting to be drowned.

Hoping you are the same,

Yours truly,

HASHIMURA TOGO.

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"VIOLENT" INMATE SAVES KEEPERS.

Since his commitment to the insane ward of the Oregon State hospital after conviction for murder 15 years ago, Joe Castranova has been regarded as the most violent patient in the institution. But when there was an organized uprising among the inmates, and some of them had struck down two attendants with pieces of hardware taken from a bathroom, Joe came to the rescue, subduing the two leaders of the outbreak and probably saving the lives of the attendants.

Good Advertising.

"In England it is worth a great deal for a business concern to enjoy the patronage of royalty."

"No doubt. But I don't imagine it is worth any more than the patronage of a famous baseball player is to an American concern."

PREVENTING EROSION OF FARM LANDS



GULLIED FIELD IN NORTH CAROLINA.

(Prepared by the United States Department of Agriculture.)

The existence of vast areas of so-called worn-out hill lands throughout the United States may be attributed chiefly to soil erosion, due to the natural agencies of wind, frost and rain. In most localities wind and frost, owing to their comparatively slow processes, play but a minor part in the depletion of the soil and the ultimate destruction of good farm lands. It is the failure of the soil to absorb the rain water which falls upon it that presents by far the most serious aspect of the problem. As an indication of the damage done by erosion, it is estimated that the Potomac river each year carries off in solution about 400 pounds of solid matter per acre of land drained, containing plant food sufficient to produce a crop. Unless such loss be replaced annually by natural agencies or the application of fertilizer, it is obvious that the land soon will deteriorate greatly in productivity and eventually be abandoned.

In addition to the loss through erosion of the soluble elements of the soil, a noticeable impairment occurs in the physical condition of the soil. When the moving water washes the soil particles from the surface of the hillside and deposits them on the land below, the heavier particles, or the sandy constituents of the soil, are deposited first, and the finer, or clay, parts last. Since neither pure sand nor pure clay possesses the productive characteristics observed in a soil composed of the proper intermixture of sand and clay particles, it is apparent that the effect of this sorting process is to diminish greatly the fertility or productive power of the soil. Hence, not only the eroded land suffers but also the land at a lower level upon which the eroded material is deposited.

Forms of Erosion.

Erosion due to moving water occurs in two forms—sheet washing and gullying. Small areas are practically ruined by gullying, while sheet washing diminishes the productive power of large areas.

Gullying generally is the most dreaded of the two types on account of its more apparent destructive effects. Where the ravages of erosion proceed unchecked, deep gullies invariably develop in the field. Their appearance causes not only absolute loss of land and inconvenience in cultivating, but a marked lowering in the water table, with a possible accompanying inability of the soil to retain the proper moisture content for the production of crops and to withstand periods of drought.

The injury due to sheet washing, which occurs throughout the United States, generally is underestimated and is regarded by many farmers as of no particular consequence. It is this type of erosion that slowly carries away the very fertility of the soil without apprising the farmer—except through slightly diminished crop yields each year—that the application of remedial measures is imperative in order to save his farm.

Methods of Preventing Erosion.

Erosion is due chiefly to the free movement of water over the surface of the land, which carries off particles of soil. If all rain water were absorbed by the ground upon which it falls, soil erosion would be reduced to a minimum. It is obvious, therefore, that in order to prevent or reduce erosive action the soil must receive treatment that is conducive to the admission and the storage of large quantities of rain water; and methods must be employed to reduce the velocity, and thereby the transporting power, of the run-off water.

Since the storage capacity of a soil depends upon its porosity, any treatment which results in an increased porosity of the soil will reduce erosion materially. This porous condition usually is obtained directly by deep plowing and by a thorough incorporation of organic matter in the soil. Methods of subsurface drainage which lower the ground water level improve the porous structure of the soil and increase its ability to absorb surface water. The treatment of cover, such as seeding land to pasture, growing timber, and planting cover crops in the winter, tends to check and diminish erosion greatly. Other methods which retard the flow of the water and conduct the excessive run-off from the field with a reduced amount of erosion, are contour plowing, hillside ditching, and terracing.

Deep Tillage.

By deep plowing the absorptive power and reservoir capacity of a soil is increased greatly. It is said that ten inches of loose, plowed soil will absorb two inches of rainfall. The incorporation of organic matter or

humus in a soil adds materially to its moisture-holding capacity. This is best accomplished by plowing under deeply, manure, stubble, stalks and various cover crops. This organic matter, in a decomposed state, is capable of absorbing considerable water and forms a richer and deeper top soil.

Vegetation or cover crops will protect the soil in four ways: (1) by holding rain water on the surface for a time, thus giving the soil a better opportunity to absorb the water; (2) by keeping the soil open through the growth of the roots, which form passages for the water to reach the subsoil; (3) by holding the soil particles together through the binding power of the roots; and (4) by reducing the movement of soil particles through diminishing the velocity of surface water. Cover crops usually are grown during the winter or when the land otherwise would be idle. Vetch, clover, cowpeas, oats, wheat and rye are commonly used for cover crops.

Level Culture.

Contour plowing and the following in general of practically level lines in farm operations tend to check the surface flow down a slope and to retain the water where it falls. In cultivating crops, each row is banked up and a shallow depression which holds the surface water is left between the rows. Thus the absorption by the soil of this impounded water is facilitated and the rapid run-off down the slope, with its destructive eroding power, often is entirely eliminated in case of ordinary rains. Contouring contributes also in a considerable degree to the conservation of moisture on hill lands.

Often it seems impossible to prevent erosion on lands with excessive slopes. No attempt should be made to cultivate such areas, but they should be seeded to pasture and usually retained as such. In well-sodded pasture land the soil is not exposed directly to the erosive action of the water, so that erosion is much less destructive than in cultivated fields.

In many sections of the country timberland on excessively steep slopes has been cleared for cultivation, and in many instances after clearing it was found impossible to control or check the erosion. Such lands should be reverted to timber; otherwise the ravages of erosion will reduce it soon to a state of barrenness. It is known that erosion is least active in forested areas, because of the penetration and binding power of the roots and the accumulation of a thick layer of leaves and organic matter on the soil surface.

Underdraining.

It can be seen readily that by the underdraining of land to carry off the excess water from the soil space is created for the reception of more water from the surface. The water falling upon the surface sinks into the soil, percolates through it, and is conducted away by the underdrains to an open drainage channel without running over the surface and causing destructive erosion. Entrapped air, which often prevents the entrance and free movement of water in the soil, finds a means of escape through subdrainage channels. The physical condition of the soil is altered by underdrainage through the aeration and flocculation of the soil particles. A perceptible expansion and a slight upheaval of the soil take place, resulting in an increase in the size of the individual pore spaces. Hence, the rainfall percolates more easily and quickly into the soil and a diminution in the run-off follows.

UNNECESSARY WASTE IS SEEN

When Corn Is About Four Weeks Old Some Farmers Lose Much of Crop by Cutting Roots.

Some farmers are guilty of unnecessary waste of corn or more some of them sow waste. First, after plowing a deep seedbed for corn and pulverizing it well they think it best to cultivate the small corn the first time with a shovel plow and let the moisture from the depth escape. Second, when the corn is four weeks old or more some of them still persist in using a shovel plow, digging into the radical roots of the growing corn and thus wasting from 5 to 40 per cent of the yield of corn by lacerating the root system, more or less. There is gain first, last and all the time to the farmer who employs only modern surface cultivation.

Don't Condemn.

The cold-storage man is a speculator, just as the farmer who stores his wheat or his corn for higher prices, and should not be condemned merely because he is a speculator.