#BAAAAAAAAAAAAAAAAAAAAA THE PHILIPPINES IN WAR AND IN PEACE.

Luzon Method of Salt Making.

of the Chicago Record writes as follows: It is very difficult, even here in Manila, to get a comprehensive idea of "the situation in the Philippines." The most we know is that our troops are scattered over that our troops are scattered over every province in Luzon, as well as in the chief cities of the other islands, and that is in the chief cities of the other islands, and that in Luzon alone there are 216 separate garrisons holding cities and villages and strategic points in the twenty-seven provinces of the isl-

The Filipino method of warfare has changed from their old, defiant methods to a new and more insidious one, that is as much if not more to be

Long before Tarlac was taken Ag-uinaldo realized that his troops could not stand against ours. Even a force not stand against ours. Even a force numerically much stronger could be driven at will by comparatively small American forces. This was where dis-cipline, morale and esprit du corps combined to make the smaller force vastly superior to the larger one, because the latter lacked these elements.

Soon after this discovery, which he seems to have been long in making, he heard that the United States was going to increase the Philippine army to about 65,000, a force that could annihilate him if he contested its ad-vance or will. He then issued, along in October, a proclamation advising many of his followers to return to their homes, hide their rifles and await a call at some future time. Others of his followers were held under arms and directed to begin a guerilla war-fare in the territory held by the Americans at that time, or to be held by them later on.

That proclamation, which was un

doubtedly forced by the vigorous camdoubtedly forced by the vigorous cam-paign inaugurated at the time by Gen-erals MacArthur, Lawton, Wheaton and Young, marked the end of organ-ized resistance on a large scale. It will be remembered that Tarlac was taken without a shot, and that our troops occupied in turn all the provinces of the north with fewer than a dozen fights of any consequence. From that time on it became a foot race after the demoralized bands that were leaving the Tarlac lowlands. There was no established capital, no machinery of government, no grand army and half the cabinet surrendered or were

Officially the revolution was crushed



SPANISH FILIPINO MESTIZA GIRLS.

but General Concepcion, Aguinaldo's chief of staff, uttered a dissenting opinion which, as since proved, was

You think it is over, but it isn't You have now disrupted the army and scattered it far and wide. You have some of the laders in prison and your troops occupy the whole north coun-But how many rifles have you captured? When you've got the arms, then and only then, will the revolution be over."

They have a curious custom at the Filipino balls. All the girls sit in a row on one side of the room and all the men on the other. When a man wants to dance he goes over across the dead line, selects his girl, and, af-ter dancing, delivers her back to her chair. He returns to his own side There is no chance for any flirtation.

The Filipino girls are not flirtatious. On great occasions they always seem to be overwhelmed with a sense of reproduced from Harper's Weekly. rigid propriety. There are no soft brown eyes coyly gland hands gently pressing. eyes coyly glancing, or little Cavite province, gently pressing. When Miss somewhat. Every quadrille or whirls lightly to the stir-ring measures of a quick-played waltz she dedicates her thoughts and soul turesque artificial lakes. These pot to grace and symmetry and completely are shallow basins, sometimes in forgets those dainty little coquetries than an acre in extent, walled in with which every maiden is entitled by an-

John T. McCutcheon, Philippine corland, contrary to all precedents, I was respondent of the Chicago Record, consigned to the heart of the enemy's country.

On each side was a mestiza. Across On each side was a mestize. Across the table was a row of dark girls who were evidently overwhelmed by the radical departure from an old custom, and I suspect that I figured prominently as the subject of many of their whispered Visayan remarks. By exhibiting industry in passing things I finally won their friendship and re-

stored confidence.

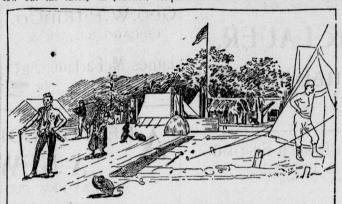
Everybody his own salt-maker, so the Ilocanoes and Pangasinans of

The salt water of the ocean is allowed to come in till it reaches just to the tops of these circular beds, soaking them through and through. The sun does the rest of the work by rapidly evaporating the moisture from them and the salt appears as a white effor escence at the surface, to be carefully scraped off by the owner. In this way they become practically self-feeding salt-machines of an exceedingly novel characte", though the output of salt per diem from each bed is very small.

The native music of the Philippine Islanders, according to Harper's Week-ly, is rendered almost exclusively on home-made instruments. These built of bamboo, the big horns having but one note each, while the reed (at the left in the picture) carries the air.

A Hint to Any Man.

Education is seldom the controlling factor in success. What! Must we Northern Luzon believe, and they follow out the theory in practice, for belittle education after all our furore



TENTS AND SOLDIER-MADE HUTS OF THE AMERICAN GARRISON AT BUNGAO

of the great Lingayen Gulf manufactures salt for home consumption, and sells the surplus to the villages of the interior.

In one settlement near Dagupan the occupation reaches the dignity of an industry, and an entire village is engaged in crystalizing the salt out of the earth. The process is the exceed-



SALT MAKING IN NORTHERN LUZON.

ngly simple one of scraping the saltsoaked land of the low coast country with a wooden harrow and allowing the sun to evaporate the moisture until the ground takes on a condition of dry powder. This almost impalpa-ble dust is scraped up in baskets and packed into a narrow bamboo splintplastered with clay. Water is then poured upon the dry salt earth by the jarful, and leaches through, passing out by a small tube at the bottom. The clear water with salt in solution is then boiled down crystalizes in an iron kettle built in the top of a clay oven, as seen in the



A FILIPINO BAMBOO BAND.

In the south, among the Tagalogs of vince, the process varies Every family living on the trends the stately national coast has its own sait-ponds, which, or whirls lightly to the stirand great mango-trees, make very pie a low mud dike, and provided with an entrance sluice, through which the



BUNGAO, SULU ARCHIPELAGO, THE MOST SOUTHERLY POSSESSION OF THE UNITED STATES.

There was an extemporized suppor.
All the girls sat at one end of the table and all the men at the other.
All the chairs at the man end were taken when I went in to the feast, eter, flat on top and a foot in height.

nearly every family living on the coast about the value of education? By no means. The secret of success is a man's disposition. The man who is willing to and able to take responsi-bilities will beat him who is unwilling or unable. The man who has the dis-position to lift the burden of trivial matters from his superior's consider ation is the man who will be looked for when promotions are to be made The question is not, Have you done your duty? but, Do you rise to greater responsibilities? The opportunities for rising to greater responsibilities are ever present.—The Manufacturer.

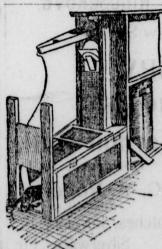
With its ancient walls and fortifica-tions, its tall buildings of gloomy gray and roofs of red tile, Panama has an oriental appearance as viewed from the harbor, and the shapely architecture of the twin spires of the cathedral adds much to the beauty of the scene. The fortifications are feeble and crumbling, but are picturesque. The sea walls which have resisted the incessant surf for more than two centuries are covered with barnacles and moss. The cafes which overlook the water seem cool and comfortable from the bay, but are filled with the all-pervading smell which the nostrils of a newcomer resent, but the acclimated foreigners and natives have long ago eased to perceive.-Chicago Record.

INVENTS A SELF-ACTING TRAP. Ruckersberg Thinks He Can Make Rats Annihilate Themselves.

A Milwaukee avenue inventor thinks he has solved the problem of how to induce rats and mice to exterminate themselves and assist in the annihilation of those that come after them. He is S. Ruckersburg, and his annihi-

lator is a self-acting trap.

The first night the trap is in action it is tightly closed and loaded with a table d'hote dinner. The second night the hearts of the hungry rodents are made glad by the sight of an open door at one end. As it advances the rat's weight overbalances a sheet-



THE SELF-ACTING RAT TRAP.

iron false floor, the door falls with a click and his ratship is doomed. Inspection discloses but one way of cape - up a boxlike flue - and this accepts. Once again an automatic door closes. The way leads into a large funnel. The rat walks on until the funnel tips and it is precipitated into a can of water. The tipping of the funnel raises the door to the first entrance and things are in readiness for the next adventurer. In four nights 113 rats were captured and disposed of in one of the big clubhouses, cago Record.

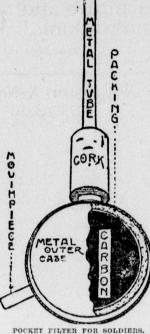
"I know that a great many people do not like my business," said the chimney-sweep: "but it soots me." Afchimney-sweep: "but it soots me." Af ter the due acknowledgment of the courteous smiles of his audience, he went up the flue.-Baltimore Ameri-

CLEAR WATER FOR SOLDIERS. Pocket Filter Designed For Use in Warfare.

Below is a sketch of the Hamilton Below is a sketch of the Hamilton pocket filter, after the name of the patentee, says the London Mail. The Bushmen's Corps, of whom every man was a specially selected volunteer, trained to all the hardships of Australian up-country life, was supplied with 500 of these little filters. Leading medical authorities of Aus-

tralia, where the evils of drinking bad water and the difficulty of obtaining goood are most apparent, pronounce this to be the best filter known to them. Inside the flat white metal box a carbon disc that has been chemically treated is fixed. By an ingenious arrangement this can at any time be removed and boiled, when it is again ready as a preventive of such awful scourges among soldiers—enteric and dysentery.

As witness of its value, it may be noted that not a single man in the Bushmen's Corps is reported to have died of disease while in South Africa. The long tube is for insertion in the receptacle containing the water, while



to the shorter tube may be attached a flexible pipe through which the purified liquid may be drawn.

The great advantages of the Hamilton filter are its shape and lightness. In aluminum the entire thing could be made to weigh less than two ounces. The invention, which is both dura ble and cheap, should commend itself to the military authorities, and all in-

terested in our soldiers.

Heavy Shoes.

A woman who is a victim of the big shoe habit says that when sne took a trip West a few weeks ago she wore her "comfortable," heavysoled, rubber-heeled calfskins. In the selecting car she gave orders to the porter to black them. As her berth was the first one from the little chicken-coop place in which the porter attends to his odd jobs, she had no difficulty in overhearing a little conversation that took place between him

and two of the men passengers.
"They calls 'em golf shoes, don't

they?" the porter remarked.
"I guess so," replied one of the men. They're just strong-minded shoes. The women are getting sensible.

"Look lak they made out o' cowhide." the porter commented. "Lawd, look at them soles; 'bout four inches thick." "Must be a mighty big woman," "Must be a mighty big woman," put in the other passenger. "Bet she weighs 200 if she weighs a pound. I never saw such shoes in my life. Think she'd have to have derricks to lift them up with."

But the eavesdropper fell asleep right

there. In the morning three pairs of eyes looked curiously at her feet and then took in a slender little 103-pound figure. She said it was really very

The "Teleplastic."

Two engineers of Berlin have reently invented an apparatus which transmits to a distance the relief of a figure, either living or inanimate; the apparatus has received the name of "teleplastic." The relief may be re-ceived in full size, or may be enlarged or diminished at will, being quite exact. The transmitter consists of a frame containing a great number of metal rods placed side by side and movable back and forth. The receiver is a similar apparatus, in which the rods are moved by a series of electro-magnets, when a relief is pressed against the rods of the transmitter series of contacts is established which cause the receiver to produce the relief by means of its rads, whose move ment corresponds exactly to that of the transmitter. It is expected that this apparatus will render service especially in the pursuit of criminals, as it will give an exact reproduction of his features.—Scientific American.

Man May Lift Himself.

Human evolution is not likely to make flight practicable by means of the vertical screw. Lord Rayleigh calculates that to support his own weight a man, working at the average power to be maintained for eight hours a day. Yould require a screw about 300 feet in diameter, and it would be necessary that this screw it-self should have no weight and should be workable without loss from friction.

Persia first grew the cherry, the plum and the peach.

all. Is one cuted. Does one sume.

cuted. Does one sume.

fer loss. Is one bereaved? We are
reaved.

Their streaming cyes together flow
For human guilt and mortal woe.

rejoice at another's misfortur
the sheep, but one

Their streaming eyes together flow
For human guift and mortal wee.

If you rejoice at another's misfortune, you are not one of the sheep, but one of the goats, and the vulture of sin hath alighted on your soul, and not the Dose of the Spirit.

Next, I notice the family property. After a man of large estate dies the relatives assemble to hear the will read. So much of the property is willed to his sons, and so much to benevolens societies. Our Lord Jesus hath died, and we are assembled to-day to hear the will read. He says, "My peace I give unto you." Through flis apostle He says, "My peace I give unto you. Through flis apostle He says, "My peace I give unto you. Through flis apostle He says, "My peace I give unto you. Through flis apostle He says, "My peace I give unto you. Through flis apostle He says, "My peace I give unto you. Through flis apostle He says, "My peace I give unto you. Through flis apostle He says, "My peace I give unto you. Through flis apostle He says, "My peace I give unto you. Through flis apostle He says, "My peace I give unto you. Through flis apostle He says, "My peace I give unto you." Through flis apostle He says, "My peace I give unto you. Through flis apostle He says, "My peace I give unto you." The more property is a fair from listening for feet that will not speak. Speed on, oh day of reunion! And then, Lord Jesus, be not angry with me. One look at Thee were heaven. They are every old, and have come down from generation to generation. So I look apon all the beauties of the natural world as the heirlooms of our royal family. The morning breaks from the east. The mists travel up, hill above hill, mountain above mountain, until sky lost. The forests are full of chirp, and buzz, and song. Tree's leaf and bred's wing flatter with gladness of the heaven where the same that the prominent men of fraits for that table. The sum, which kindles conflagrations among the castles of cloud and sets minacet and dome allame, stoops to paint the lipy white, and the call of the hawk out of a clear sky

SUNDAYS DISCOURSE BY THE NOTED CONTROL

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Subject: Children of a King.—The Royal Research of the Sun the