## OCEAN SENTINELS.

FACTS OF INTEREST ABOUT OUR LIGHTHOUSES.

Lights to Mark Shoals Supplies Keepers Deeds of Heroism. Supplies and

Lightships are usually employed to mark shoals where the ere tion of light houses is impracticable. Fitty of them guard dangerous points near the shor a of ocean and lakes under Uncle San's intelliging to the control of the control jurisdiction. In addition to these there are eight spare light ships, for purposes of relief. When a light ship is reported off its station, a steamer is sent out to look for it and tow it back.

off its station, a steamer is sent out to look for it and tow it buck.

If it has disappeared altogether, another light-ship is dispatched at once to take its place. The territory covered by the Light-house Service is divided into sixteen districts, each of which is managed by one engineer officer of the army and one navy officer. While the former attends to all matters of construction and repair, the latter has charge of the running of the light-ships and light-houses, receiving telegraphic reports of anything that is wrong and having at his disposal a small steam vessel. Light-ships are more thickly distributed off Cape God than anywhere else. They are schooner-rigged, carrying one or two lights which are octuple lanterns with reflectors surrounding the masts and suspended from them. It costs \$8,000 a year to maintain a light-ship.

There are 750 lighthouses on the Atlantic and Gulf coasts. 130 on the Pacific shore and 280 on the great lakes. On investigates were are 1,500 "nostlights" which

and he was restored to the source of the same of the fall of 1867 three men were swamped in their boat near Lime Rock while trying to pick up a valuable sheep that had fallen from a wharf. She saved them and the sheep also. Not long afterward she saw a man clinging to a spindle that marked a reef near the lighthouse. In a gale in March 1869, she rescued two more soldiers from a swamped boat. On February 4, 1880, two mambers of the Fort Adams garrison she rescued two more soldiers from a swamped boat. On February 4, 1889, two members of the Fort Adams garrison band broke through the ice between the lighthouse and the fort, and, she pulled them out. Thus far she has saved thir-

them out. Thus for one mas sured tesm persons from drowning.

Many a deed of heroism is performed by the light-keepers in Uncle Sam's em-Many a deed of neroises is performed by the light-keepers in I cale Sam's employ. Scores of people have been savel from wrecks by the hardy mariners of the New South Shoal lightship, who never hesitate to launch a boat in the purpose of a rescue. On one occasion twenty-seven persons were santched by them from a watery grave, when the City of Newcastle ran upon the Nan-tucket banks and sauk stern foremest. On another day they caught sight of a black object driven before the gale, and putting forth in pursuit of it, rescued a man on a raft, whom they found seated upon the corpse of a fellow-castaway, his head buried in his hands, and hopeless of the aid which came at last.

"My new acquisition, 'Boy,' insists on being petted, and his enticing ways ir resistable. He is always tethered in Holland."

Foot and mouth disease has appeared in Holland.

lighthouse was carried away by loe in the sapeake Bay. The keepers tended the light to the last, and clung to the structure when it was swept from its foundation, finally saving, not only themselves, but a great part of the velumble appearance.

"Granes were his aveference, then came

selves, but a great part of the valuable apparatus.

Some of the devices employed by the Lighthouse Board are regarded by residents on whore as extremely phjectionable. Worst of all are the "steam sirens," which are tray a diabolical invention from any other point of view than that of utility. They after a series of unearthly whoops, which ascend the scale note by note until the unwilling listener feels as if, in case they should go a few notes higher, he would become suddenly insane. Nearly as bad are the "whistling buoys," the establishment of one of which near any inhabited spot is

denly insane. Nearly as bad are the "whistling buoys," the establishment of one of which near any inhabited spot is sure to excite most frantic protests from dwellers in the neighborhood.

Sixty-two of these buoys are employed in the service, the biggest of them costing \$\frac{3}{4},0.75\$ each, and being audible at a distance of fifteen miles. The sounds they utter are inexpressibly mournful and saddening. They consist of an iron pear-shaped bulb, with a tube running through the middle and extending thirty two feet downward into the water. At the upper and of the tube is adjusted a locemotive whistle, through which the air, automatically compressed by the motion of the waves, is liberated in horrible toots. Buoys of this description are particularly useful in foggy waters.

The first lighthouse built on this continent was at St. Augustine, Florada. Its chief use was as a look-out, whence the Spanish people of the town could see vessels approaching from Spain, or get notice of the coming af foes in time to run away. The tower attracted the attention of Francis Drake as he was sailing along the coast with his fleet of high people along enough to loot the town and destrey what he could not fake away. In 1880 the ancient structure of

ights which are occu, reflectors surrounding the monded from them. It costs on the Atlantic and Gulf coasts, 139 on the Pacific shore and 280 on the great lakes. On rivers there are 1,600 "postlights" which are mere lanterns with lenses fixed to posts. They cost \$10 apiece and \$150 a year is required to maintain end of them. In this way many rivers are lighted like streets, the Mississippi, Hudson, and Ohio being actually illuminated from end to end. The main "depot" of the service is at Tompkinstrille. Statum Island, There all supplies for the sixteen districts are bought and kept as well as spare lenses, fog signals, broys, anchors, etc. Cans are manufactured there also for transporting the 260,000 gallons of oil consumed annually.

Formerly rapeseed oil, and then lard oil was employed, but kerosene is now used exclusively on account of its oheapness. At the same place all the lamps and fittings for light ships are made as well as the tools for hemiling "kinds of lamps. One supply seamer size, provided with a search state, provided the provided provided provided provi

so against top the serious space tonsers of signature to go signate, buoys, anchors, etc.

Tog signate, buoys, anchors of etc.

Formerly rapessed oil, and then lard oil was employed, but kerosene is now used exclusively on account of its obeapness. At the same place all the lamps and fittings for light ships are made as well as the tools for bending all kinds of lamps. One supply assume of antiquity stood on the island of light ships and ong the Atlantic and Gulf Coasts. These supplies in clude rations, with which ke per sisolated stations are provided.

Keepers are paid from \$1 0000 at 1 keep 1000 at 1 keep 1000 at 1 1 keep 1000 at 1 kee

to the world. The water certainly has properties that relieve a person afflicted with rheumatism.

"One of the peculiar things about the lake is that no fish can live in the water with the exception of a species called the oxolotl, which has inhabited the water oxolott, which has inhabited the v since the discovery of the lake by v men. This species is probably a hy between a land and water animal. I a head like a frog. a body similar to of a catish, and moves by means of

come into the tent and make capped that he wanted me to divide a melon with him.

"Grapes were his preference, then came cucumber, bread and biscuit. Finally, he drank milk out of a soup plate.

"He comes up to me and puts down his head to have his cars rubbed, and if I do not attend to him at once, or if I bease attending to him, he gives me a gentlo but admonitory thump.

"I dine outside the tent, and he is tied to my chair and waits with wonderful patience for the odds and ends, only occasionally rubbing his soft nose against my face to remind me that he is the c. A friendly scuffle is the only sound he makes. He does not know how to fight or that teeth and heels are for any other rriendly scume is the only sound in makes. He does not know how to fight or that teeth and heels are for any other uses than eating and walking. He is really the gentlest and most doelle of his race. The point at which he draws the line is being led; then he drags back and a mulish look comes into his sweet eyes.

a mutish book comes into his sweet eyes. But he follows like a dog, and when I walk he is always with me.

"He comes when I call him, stops when I do, accompanies me when I leave the road in search of flowers, and usually puts his head either on my shoulder or under my arm. To him I am an embodiment of melons, cucumbers, grapes, pears, peaches, biscuits and sugar, with a good deal of petting and car-rubbing thrown in."

### RELIABLE RECIPES.

Egg Rolls.—One pint of sweet milk, two eggs, one-half teaspoonful of salt, one and one-half pints of flour. Bake in gem pans.

CORN STARCH LEMON CAKE, piece of butter, size of an egg, mixed with one cup of sugar. Stir one egg in and the york of another, add one cup of and the yolk of another; and one cup or flour, grate in the rind of one lemon, add one half cup of sweet milk, one teaspoon-ful of cream of tartar, and one half of soda. Use the remaining white of egg for frosting.

QUICK PUDDING. Set a quart of milk QUEEN PUDDING. Set a quart of milk to cook on the stove, and when it boils stir in flour smoothly until it becomes quite thick. Make sauce for this pudding by creaming together a piece of butter the size of a valuat and one heaping tablespoonful of eugar. There your on a pint of milk. Let it boil for the minutes.

minutes. Take a piece of dough about the size of a loaf of bread, add to it one egg, two tablespoenfuls of brown sugar, three quarters of a cup of butter, and about half a cup of flour. A little sold may be add d if it be a little sour. Mold we'll, and 'et it vise before makine into biscuit. Let them rise again, and then better the work in a moderately hot one.

### Strange Companionship

A notable instance of this oddity came under the writer's notice once upon a time on a ranch that was largely devoted to stockruising. Cattle, horses and hogs were kept in large numbers and allowed to run at will upon the range. One day in riding over the mesa van oddly assorted trio was found in a locality at a considerable distance from any other animals. This irio was made up of a cow, a horse and a pig, and all three were feeding side by side in the most amicable manner. At tirst it was thought to be nothing more than a conincidence that the three members still the most amicable manner. At first it was thought to be nothing more than a conincidence that the three members of different families should happen to be together, but subsequently it turned out that this trio had evidently set up an alliance offensive and defensive against all the other animals on the range. They were always together. It was a comical sight to see the oddly assorted trio travelling over the range. The horse usually took the lead, with the cow next and the pig last of all. Occasionally the horse ooked around to see if his porkship were keeping up, and if he fell behind a halt would be made to allow him to come closer. When feeding the pig was just as apt to put his snout down by the horse's or cow's mouth and endeavor to snatch the grass from between their teeth as to graze on his own hook. One could almost see in the resurrement. as to graze on his own hook. One c as to graze on his own hook. One could almost see in the countenances of the large animals a sort of half humorous, patronizing air as they regarded their diminutive companion, while the pig on the other hand walked with a bullying swagger and a self-confident air, for all the world, like the youngster who trots along by the side of his "big brother," in the full assurance that all his battles will be fought for him."—[San Francisco Chronicle,

## WIT AND HUMOR.

A little nonsense now and then, Is relished by the wisest men.

His objection.—"Why don't you come of America. Fritz, where one man is as od as another? "Yah, vere one man is so good as odder and von woman was as goot as both of dem. Guess I stay home."—[Indianapolis Journal.

### FOR THE LADIES.

There is always something new in fichus. One of the pretriest of the late arrivals is made of the old wash blonde used without lace or ribbon. It is bordered with a wide flounce of nurröw plaiting. The chicken-feather trimming on the Marie Antoinette flehus, as described in the Autumn, was so pretty that it is again placed on colored crepe, which is this time in long, straight scarfs. Akin to the fichus are the collarettes and shoulder capes, of so many combinations of lace, ribbon, chiffon and mousseline de soie that only a milliner could have thought of half of them.—
[Boston Cultivator.

A queer article of feminine wearing apparel has made its appearance on Broadway, New York. In general appearance it resembles the masculine suspender, but the initiated say this is an optical illusion. At all events, it is the most elaborate harness that has made its appearance since the Easter bonnets with fishing tackle attachments. A broad belt of rate harness that has made its appearance since the Easter bonnets with fishing tackle attachments. A broad belt of gold braid is worn about the waist, to which is sewn seven gold buttons corresponding to the waisthands of a man's trousers. The suspenders are also of gold braid, three inches wide and fitted with gold buckles. The idea originated with a society belle who suggested that the costume might be gotten up in part by subscription. She intimated to her gentlemen friends that it would be the proper thing for them to each buy a gold button and have their respective monograms engraved thereon. She has cleared a small fortune already, it is said, in surplus buttons. [St. Louis Republic.

### SILK LININGS.

The newest fad in silk dresses is silk lining of contrasting color. This is used so as to give the effect of a two-toned silk, which will specifyl be mann factured in the single substance. Fash ionable women are not satisfied with the silk skirt. They want a more substantial lining for their handsome dresses, and one that they will not be askemed to show in the trained skirt. It is quite a change from the modest cambrite sham that a search for a pochot used to reveal, but semedous it has come about. A brown, satin finished silk, lined with a satin fi sished-orange silk, lined with a satin fi sished-orange silk, lined with the orange ilk. It was also used on the bodies and at quit glonco one varial certain which was the cutside of the dress. Fertunated taste discussed in the horizon of the control of the dresses and the short sating the control of the with cambridge and whole with the control of the with cambridge and whole hat the release (De tooi Free Frees). The newest fad in silk dresses is silk her dressneker by the wiver (Dermi) Free Press

SPRING SPITS. Cousin Madge writes in London Truth:
Glossy cloth is the most fashionable material, but rough surfaces are quite as fashionable as ever, while serges and tweeds will be largely worn. Perhaps the best way of assisting you to choose it to describe some of the Suriag novel ties. One was a skirt of dark-blue serge, with a seam down the front, bordered with an inch wide bend of jet, dividing into two somewhere about the knee, and leaving a small interval between. The jet formed a point up the front of the bodice over fulled plush-velvet of the palest green. A similar point appeared to bring up the skirt over the bodice at the bodic over fulled plush-velvet of the palest green. A similar point appeared to bring up the skirt over the bodice at the bodica was trimmed with bands of jet, and the skirt was bordered with the same. I have called the material of the bodice "plush velvet" because I know no better name. It looked like a mixture of the two, being very soft and shiny.

MODERN COIFFURIS.

The increasing desire to rise above law. Cousin Madge writes in London Truth:

## MODERN-COIFFURES.

MODERN COFFUELS.

The increasing desire to rise above law and rule is noticeable not only in dress and its accessories, but in the matter of he coffure. Few women dress their air nowadays to suit the features of heir friends and neighbors, but in accordance with their own particular cast of countenance. As a result there is a pleasing medley of styles to be seen, and to one fashion appears to take the lead. The compactly braided coil just at the back of the head is popular with those who prefer the trim princesse bonnet. There are high-rolled coiffures in Pombadour style, with glittering gem-set just the part of the property of the dead of the compact of the forest the style style of the compact of the forest the companying the full short bang over the forehead Greek thots with classic fillets of gold or silver to bind down the waves of hair-appecial style seldom to be ventured uponstresses parted at the immediate back of the head, waved on the left side, raided in one broad strand on the right, and then looped low a la chatelaine at the mape of the neck. There is also the 'Moonii' style, in which a length of bundant hair is loosely twisted and arried around the head like a fluffy urreola.—[St. Louis Republic. The increasing desire to rise above law

### FASHION NOTES.

Pink azaleas, appear on a background if water green.

Fruity velvets with cream lace are used as trimmings on house gowns.

White faille and burnt rose silk crepe

The English cricket cap of cloth has ome to us as headgear for ouf women ennis players ennis players

run to the Oxford tie, which has nuite elaborate

Art needle work is to play a inent part in the ornamentation of summer dresses,

One of the prettiest of the new for young ladies is the Alpine in b straw, with cock's feathers at the si The new Japanese parasols for lawn come with extension has lawn the area a great improvement of old style.

It is to be wondered if the mills are to blame, or the weaters, for the harmonious blending of flowers of of the new hats.

Those new electric blue lace veils to the wearers anything but an attive appearance; and cannot be his commended."

commenced.

Some very elegant picture hats be with short, full ostrich plumes have made their appearance among other gant fancies in Parisian millenery.

A very lovely tint of "rose-heart" appears among the list of new everolors. It is a fascinating shade on more exquisite than the pale lagings shade of last winter.

Fose shade of least white.

Some stylish black silk capes and be eljing cloaks are shown. A 'Hunga's model, reaching from neck to skirt is made of black bengaline and be with black and white checked silk.

Yokes and yoke effects on every gowns, for hot weather uses, are may plying, and these take on all sort shapes, pointed, pleated, square, bashapes and scolloped. A movel as shows a pointed yoke the imaged center of which extends to the wait front and terminates in the middle the back.

English bridesmaids are w sheath skirt and coat costumes of rose yellow tulle over yellow satia, deep-rolling collars of green velves, as deep-rolling collars of green velves, soft vests of yellow creps de the crossed and recrossed with orange as ribbons, which fasten at the left of belt with many loops and ead off same. The gloves, stockings and some same are of pale yellow, and the practice of the process of the white silk.

Fashions are liable to an infinite matter of variations, but there is a graining prospect of no radical change in some time to come. The styles now it vogue are likely to remain, and the who are looking for great changes all matter of the disappointed. Skirts are still matter and trimmed at the extreme eigenfunction of the styles of the secondary are pointed and varied in style. Open judical to be seen waith at the notices and the contract of the seen waith at the notices and the ' - remain in favor

### Heroic Ida Lewis.

The most celebrated of lighthous keepers is Ida Lewis, who in deeds theroism has surpassed the famous 6mc Darling. She is now fifty years old as best charge of the Lime Rock lighthous

# Photographing Under Water.

It is quite possible to take photograph under water. In 1883 a submarine of servatory was constructed by Signor To elli at Naples, enabling vigitors to see bottom of the sea. It was a seel classifier with plate glass floors and a collaping float to sink it to different depths. I carried eight persons, and was illumiated inside by electric light, while telphones communicated with the shore. I was, of course, quite possible to talphotographs inside it beneath the water. Photographing under water has a wally been carried out. Experiments was made in 1889 in the Mediterranean to secretain how far daylight penetrated under water. In very clear water and the limit of daylight was found by mean of photographic plates to be 1,550 fed.—[Spare Moments.

Miss Rose Amick, a midget, knownh the museum world as Rose Leclain died recently in Newmarket. Clark three feet and her weight only forty for bounds. She was advertised as mallest woman in the world. She was allest woman in the world. She was the daughter of Mr. and Mrs. John the daughter of Mr. and Mrs. John the daughter of Mr. and Mrs. John the Manghet of Mr. and Mrs. John the Manghet of Mr. and Mrs. John the Mrs. Jo White faille and burnt rose silk crepe re used as complements.

The English cricket cap of cloth has ome to us as headgear for ouf women ennis players.

Fashionable footwear for women will sisters.—[Washington Star.]

# E JOKER'S BUDGET.

S AND YARNS BY FUNNY MEN OF THE PRESS.

ed Them Terrible Not Expert Ever Memorable Day Had to Give

IT TIRED THEM.

find it restful to talk a good deal writing," said the rising young aurests you, does it?" said the old

aper man,
does very much, indeed,"
rail that curious, now."
Thy?"
ceause it has precisely the opposite
on those who listen to you,"—[New

# Press.

Bronson forgetful as ever?"
lore so. Why that fellow has to
himself up in the directory every
before he goes home from busiForgets his address."—[Buzar. NOT EXPERT. had to be away from school, yester-

had to be away from school, yester-said Tommy. for must bring me an excuse," said sacher. Who from?" four father: fe sain to good at making excuses; steles him every time."

AN EVER MEMORABLE DAY

-Do you know what day this is niversary of! -Well, I should say I did. I thought you would.

Humph! Who could forget the sown house was burned?

-George! -What! e—It's the day you proposed to me! Life.

### RAD TO GIVE IT UP.

at is your husband doing now?" hing et all."
cions! I heard that he was going business of making rain," but be couldn't raise the wind York Press

ies, indeed," said Miss Bleecker, early bird catches the worm," these som to be an incontrovertible Tabled Miss Emerson, of Boctor, the enticipetary axis recurse the analyse tire termicular eposition

atherstone What did your sister then you told her I was here in the prwaiting for her? bby—Nothin'. But she took a ring r: But she took a ring

ringer and put it on another

Marie happy with her new hus-

thought he was perfect." leis. That's the trouble."—[Judge. THE USUAL WAY.

one little good night kiss," he said, h fore he fore he wandered home enough kisses to last ahead

a couple of years to come.

—{New York Herald, WONDERMENT.

He proposed to you just before -Yes. Poor fellow; I rejected

-Well, why in the world did he HOW IT IS DONE.

mmy—Paw, when a man commits it suicide does he shoot his head Figg—No; me anapolis Journal. -No; merely his mouth .-

UNNECESSARY EVIDENCE.

th—You needn't tell me that dogs know as much as human beings. I fonto to church with me last Suuh-Well, sir; he slept through the senson.-[Life.

A FEMININE PARADOX.

waist of Evelina's gown as waist of Evening's government by the somewhat paradoxical; lent a hundred dollars down, and yet it is illogical.

Although it has a perfect fit Cpon her form ethereal, he's justified in calling it A waist of good macon

Pe-Do tell me, what did he n you proposed to him? a-That he'd be a brother to

clope—Dear me, what a lot of

THEY WOULDN'T MARRY.

Goldburg—I wouldn't marry you, lou were as rich as Cresus. Hardrow—Well those inch the

Hardrow—Well, that's just the ace; I wouldn't marry you if you t—[Boston Post. DEFECTIVE SIGHT.

an officer (to soldier on guard)—
how we anything wrong?

d. No, Lieutenant.

t you see anything wrong yet?"
Leutenant.

retched ass, can't you see that gu your helmet hindside before tool head?"—[Texas Sifting...