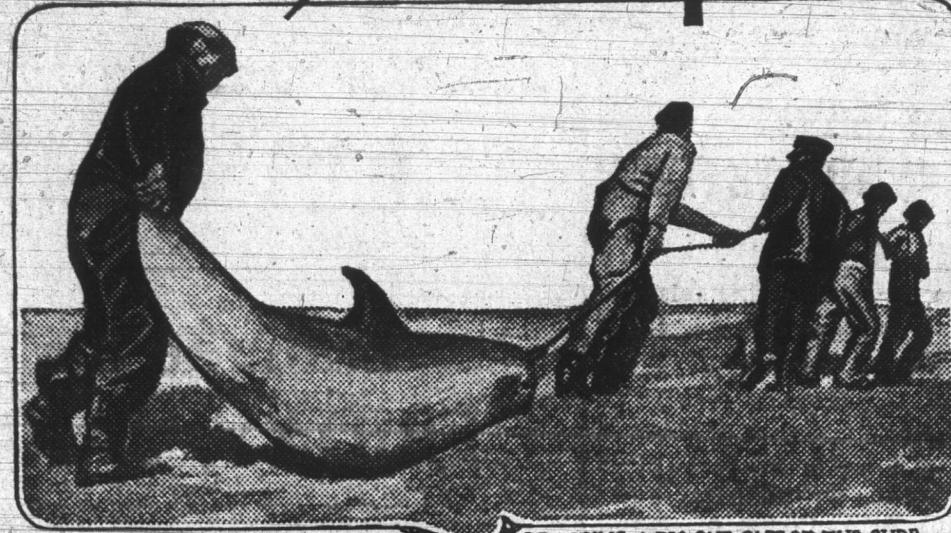


Hunting the Playful Porpoise

THE playful porpoise has put on its winter underwear, in the form of a thick protective layer of fat, and until early spring these gamboling creatures of the sea will be sought by a special class of Atlantic fishermen. Heedless of time as the porpoise seemingly is, yet upon it depends the busy man's apportioning of his daily tasks. Because of this fact a curious industry has developed in this country of which the public generally knows nothing, an industry that intimately affects the running of watches and clocks.



DRAGGING A BIG ONE OUT OF THE SURF



THE PORPOISE AT PLAY IN ITS NATURAL ELEMENT

From the lower jaw of the porpoise is extracted an oil which is peculiarly fitted to serve as a lubricant for watches, clocks and chronometers, and strange to say, from no other source can an oil of the requisite qualities be obtained. Therefore the porpoise is hunted as systematically as the whale used to be.

A few years ago nearly a quarter of a million clocks just out of their maker's hands went wrong. It was not merely that they lost time but they actually came to a full stop and would not work at all. There was no question about their skillful fabrication and assembling. The whole trouble was due to an imperfect lubricant, and a goodly sum of money and much time were spent before these clocks were in running order and fit for distribution. From this may be appreciated the value of the contribution which the porpoise makes to the daily life of mankind.

For years the porpoise was taken principally as a side issue in other fishing. The increase in the demand for the oil led to the creation of a business having for its sole end the capture of porpoises in large numbers and under circumstances that could be controlled to meet commercial demands.

Harpooning had previously been the method of taking them, but this had many drawbacks. An oil refiner in New Bedford learned that the Turks on the Black Sea used dragnets to land the native porpoise when swimming near shore in quest of certain small fish upon which they feed. This was a practice unknown here and conditions were not identical, but that clever Yankee believed that the facilities could be adapted to suit the requirements. From New Jersey to Florida are now scattered fishing stations organized by that refiner of the old whaling city, and from November to April they are busy seining porpoises as they pass up and down the Atlantic shoreline. Porpoises can be caught at other seasons, but in winter they are fattest and furnish the best and most profitable yield.

To the uninitiated the fat of the body and the fat of the lower jaw appear much of a kind, but the oils produced from them are radically different in their characteristics. The oil from the body fat is worth in the raw state about 40 cents a gallon, while a like quantity of the yield of the jaw pangs and the marrow of the jawbone brings \$10. The blubber, or body fat, of a large porpoise furnishes from five to six gallons of oil, and the lower jaws of a fish of the same size give probably about two quarts on an average, and this quantity is greatly reduced before the various stages of refining have made the oil fit for the market. When ready for sale to watch and clock makers the oil is worth nearly double its value in the raw or unrefined condition.

The equipment at each fishing station consists principally of the boats and the special nets designed for the work. A working unit is composed of four boats and a mile of seine. The seines are heavy and exceptionally stout, and it is something of a task to handle them properly. The boats are a cross between a skiff and the fishing dory of Newfoundland and our own down East coast.

It is not possible to put out after the porpoises from sheltered points: the boats have to be launched right into the surf and carried safely beyond the danger line of the tumbling

breakers. Loaded with its quarter of a mile of net it is a hard task to shove one of these boats through the broken water near the beach. The most fruitful porpoise hunting station is close to Cape Hatteras, and it is well known what hazards lurk in the waters of that part of the coast of the Carolinas.

Because of the risks run and the skill required in this occupation the crews are recruited from local fishermen who are perfectly familiar with the coast and are quite at home in the surf. They must have clear heads, steady nerves and the ability to act quickly. The surfmen are ever ready for their work when a school of porpoises draws near, provided the sea gives them half a chance, and it takes but little imagination to grasp something of the excitement and the peril of their occupation.

The habit of the porpoise is to swim in schools close in shore and probably a hundred or two hundred yards seaward from the beach. This makes it possible to intercept their course and to drag them ashore after they have stranded in the shallow water, the seines preventing their escape seaward and frightening them shoreward. The operation of capturing them is simple to describe, but its proper execution is quite another matter.

Sometimes the sea is so smooth that the fish detect the presence of their foes soon enough to go scurrying off at great speed. Again, the waters may be so troubous that prompt handling of the nets and the interception of the approaching school becomes impossible. Perhaps one or more of the boats may be swamped before getting clear of the breakers, making further successful efforts at the time out of the question, or the porpoises may be swimming too far offshore to be reached with a fair chance of drawing them to shallow water before they can get away.

There are many times when the efforts of the fishermen are fruitless, and days may pass without a single porpoise putting in an appearance. Sometimes a haul will net less than a dozen; perhaps the surfmen may land half a hundred; and there have been occasions when more than double this number have been beached at a single

As a Last Resort.
"Grabson says he is not averse to spending money when the occasion seems to warrant it."

"That's true. I've seen him buy a stamp when he couldn't borrow one."



The last turns of the big screw of a cider mill crushing out the cider. It takes all the power of a strong man to turn it when it gets low.

TRULY A PUBLIC BENEFATOR

Ohio "Burbank" Claims That He Has Succeeded in Evolving a Real Odorless Onion.

An Ohio Burbank sends the joyful news that he has achieved a triumph in horticulture. It is an odorless onion, a combination of the Bermuda and the Golden Yellow. It lacks nothing in onion flavor or zest, but leaves no disagreeable taste or reminiscent part.

Those who like onions as a seasoning in foods, but dislike to offend others who may have an abhorrence for the odor have learned that there are any number of curatives that will dispel the effects of ordinary onion eating.

Italian opera singers are especially fond of onions, which they believe have a curative tonic effect on the throat and vocal cords; but as their work brings them in close association with others on the stage they eat along with the onions fresh parsley.

certain kinds of nuts salted, dry coffee beans and various other preparations which act as dispersers of the aroma that stands in dispute.

What She Wanted.
Library Attendant—A foreign-looking woman came in today and asked for "cottage cheese."
Friend—Ha! Did she think the library was a grocery store?
L. A.—No; after some questioning, I found out that she wanted "Scottish Chiefs."

PLACE FOR THE BOOKS

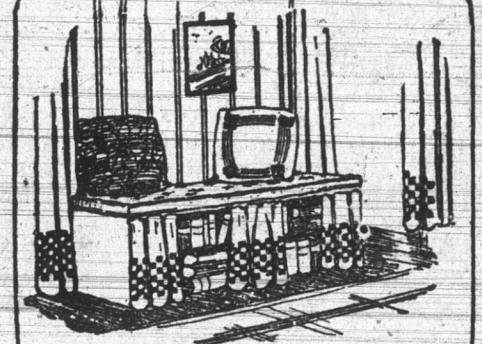
NO HOUSE COMPLETE WITHOUT PROVISION FOR THEM.

Practical Idea, Which Can Be Made to Do Double Duty, is Shown—Cretonne-Covered Shelves Will Be Found Useful.

By ETHEL DAVIS SEAL.

One can imagine a house without pictures more readily than one can imagine even a single room without books. Books stand for culture and education in our lives; for beauty and decoration in our homes; and the two facts are inseparable, in that the books, together with their keeping places, are a sure index to their owner's character.

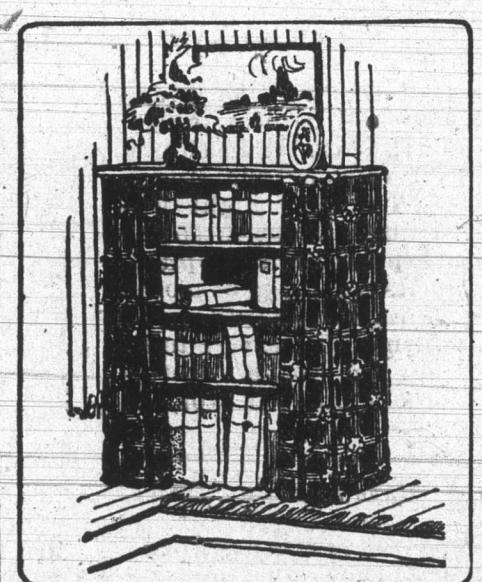
And you can't fool the public about your books, either. Books have a way



of telling tales—other than the stories they hold. People know whether they are loved books or not; they know if they are books for show or delight—both from what the books tell them, and where the books are.

The first illustration shows a practical suggestion for a keeping place for books, and which does double duty as a seat as well. This idea could be carried out for the living room, hall or bedroom. It can be made of boards and painted to match the woodwork; or a large packing box of just the right proportions might answer, if one's judgment approved it. The cushion is of hair and is three inches thick. If hair costs more than one cares to spend, upholsterer's cotton would be comfortable and serviceable.

Sometimes bookshelves can be made out of faulty boards and covered entirely with cretonne, as shown in the second drawing. The ends and, if



necessary, the top are covered plainly with the material, tacked on by means of upholsterer's tacks. Curtains to match are then hung at the front.

And so, if you don't love books enough to have a lot lying around loose, and are too old to learn (1) to train your children to, and you will soon be sure to find a call to concoct all sorts of attractive little keeping places for books—and here are quite a number of ideas right to your hand.

—New York Press.

Experiment in Breeding Chinchillas.

Chinchillas, valuable fur-bearing animals, which inhabit high mountains in Chile, have been imported into England for breeding experiments on a farm.

BEDROOM DESK MOST USEFUL

Some Remarkably Handsome Designs, Though Expensive, Are Offered to Prospective Buyers.

The bedroom desk fittings have always been more or less of a problem, as the usual brass sets seem a little heavy for a dainty pink or blue chintz hung boudoir. This year there are ivory colored sets of enameled wood which have a latticed pattern for the trimming which shows a bit of a brownish cast through it. They have more character than the plain white sets, and yet add rather than detract from the daintiness of the room. Silver which matches either the striped dresser silver or the engraved patterns can be matched for the desk fittings. Complete sets with blotter, clock and all the many useful and useless articles possibly run as high as \$175. The new clocks are really lovely. They are shaped like half an orange and lie flat on the desk with the curved part up and holding the face of the clock. One does instinctively look down when writing, and it's save time instead of making a conscious effort to look at a clock.

Demi-Toilette.

For informal occasions a very clinging black crepe de chine, extending into a pointed train, has two rather deep flounces of black tulle immediately before the waist, the lower one reaching almost to the knees, the other ending halfway to the waist and both bordered with a sequined ribbon set on a thin wire, consequently standing well away from the figure but not connecting the lines of it. The bodice: Full bretelles of

NEW MILLINERY WILL PLEASE

Choice of Coloring Is So Wide That All May Select Their Favorite, and Be in Style.

In the new millinery there are some decided favorites of the spectrum, and so many changes are rung on the original schemes that all eyes and complexions will be becomingly placed—that is, if women are as clever as we think.

The all-black hat is a practical favorite, and will look equally well on blonde and black tresses. If a touch of color is needed, there are countless ornaments in the shape of cabochons, fantasies, quills, buckles and odd trimmings that can be added to give brightness.

Many shades of blue will be used. Can you picture the glistening greenish blue of the peacock transferred to soft velvet and touched up with a dull gold? This is one of the favorite combinations. Then there is a great variety of darker blue, including the Copenhagen, navy, lapis-lazuli and silver tones.

Mahogany browns are also very much in favor. Oak leaf, tobacco, seal, cafe au lait—which is coffee and milk—come next. These are excellent suggestions for the girl with the auburn hair.

Greens in the Russian and hunter's shade are coming into line. There are also some vivid shades provided which will be known as turquoise, malachite, jade, emerald and linden.

Generally speaking, the color combinations will be less bizarre and more artistic in their alliances. Many of the old paintings have inspired the milliners, and the results are a credit to the ideas.

FLOWERS SET OFF COSTUME

New Designs Are Novel and Beautiful and Return to Old Style Will Be Welcomed.

After refraining of late from wearing the buttonhole, the beauty and novelty of the new designs are tempting the devotees of pretty etceteras to reconsider her decision.

A bunch of acorns and oak foliage made cleverly of leather and velvet is a pretty little novelty, and a knot of tiny dahlias arranged in an elongated form suggests the stately height of that favorite autumn plant.

Upon an evening dress the large simple flower still maintains its ascendancy, and orchids vie with roses for the first place in feminine favor.

Very bright pink and impossible blue everlasting flowers are a noticeable feature in some of the florists' windows, but they are not to be worn. Their province is to add brightness to the house.

Then are sent out in rustic baskets bunched with ribbons of the same pattern as the receptacles that hold lilies of the valley or any other growing blossoms.

Hand-Painted Gowns.

Hand-painted evening gowns, scarfs, various toilet accessories and the new methods of painting on silk and velvet which recently came into use are quite popular. The paints, which are applied with a brush in the case of silk, are specially prepared, so that, once dry, they remain indelible and will stand both washing and ironing.

For velvet the mode of application is similar to that when one is icing a cake, tiny paper bags of paint being squeezed between the fingers. A couple of lessons in this kind of painting are all that are necessary.

Novelty in Combs.

A hinged comb is another odd idea just introduced. The top of most combs so far stands up in a line with the teeth and stands out from the hair. This way the top is hinged and when the comb is placed in the hair the top bends down flat against the head. It comes in plain amber or fancy rhinestone effect.

—Novelty in Combs.

Some Remarkably Handsome Designs, Though Expensive, Are Offered to Prospective Buyers.

The bedroom desk fittings have always been more or less of a problem, as the usual brass sets seem a little heavy for a dainty pink or blue chintz hung boudoir. This year there are ivory colored sets of enameled wood which have a latticed pattern for the trimming which shows a bit of a brownish cast through it. They have more character than the plain white sets, and yet add rather than detract from the daintiness of the room. Silver which matches either the striped dresser silver or the engraved patterns can be matched for the desk fittings. Complete sets with blotter, clock and all the many useful and useless articles possibly run as high as \$175. The new clocks are really lovely. They are shaped like half an orange and lie flat on the desk with the curved part up and holding the face of the clock. One does instinctively look down when writing, and it's save time instead of making a conscious effort to look at a clock.

—Novelty in Combs.

Some Remarkably Handsome Designs, Though Expensive, Are Offered to Prospective Buyers.

The bedroom desk fittings have always been more or less of a problem, as the usual brass sets seem a little heavy for a dainty pink or blue chintz hung boudoir. This year there are ivory colored sets of enameled wood which have a latticed pattern for the trimming which shows a bit of a brownish cast through it. They have more character than the plain white sets, and yet add rather than detract from the daintiness of the room. Silver which matches either the striped dresser silver or the engraved patterns can be matched for the desk fittings. Complete sets with blotter, clock and all the many useful and useless articles possibly run as high as \$175. The new clocks are really lovely. They are shaped like half an orange and lie flat on the desk with the curved part up and holding the face of the clock. One does instinctively look down when writing, and it's save time instead of making a conscious effort to look at a clock.

—Novelty in Combs.

Some Remarkably Handsome Designs, Though Expensive, Are Offered to Prospective Buyers.

The bedroom desk fittings have always been more or less of a problem, as the usual brass sets seem a little heavy for a dainty pink or blue chintz hung boudoir. This year there are ivory colored sets of enameled wood which have a latticed pattern for the trimming which shows a bit of a brownish cast through it. They have more character than the plain white sets, and yet add rather than detract from the daintiness of the room. Silver which matches either the striped dresser silver or the engraved patterns can be matched for the desk fittings. Complete sets with blotter, clock and all the many useful and useless articles possibly run as high as \$175. The new clocks are really lovely. They are shaped like half an orange and lie flat on the desk with the curved part up and holding the face of the clock. One does instinctively look down when writing, and it's save time instead of making a conscious effort to look at a clock.

—Novelty in Combs.

Some Remarkably Handsome Designs, Though Expensive, Are Offered to Prospective Buyers.

The bedroom desk fittings have always been more or less of a problem, as the usual brass sets seem a little heavy for a dainty pink or blue chintz hung boudoir. This year there are ivory colored sets of enameled wood which have a latticed pattern for the trimming which shows a bit of a brownish cast through it. They have more character than the plain white sets, and yet add rather than detract from the daintiness of the room. Silver which matches either the striped dresser silver or the engraved patterns can be matched for the desk fittings. Complete sets with blotter, clock and all the many useful and useless articles possibly run as high as \$175. The new clocks are really lovely. They are shaped like half an orange and lie flat on the desk with the curved part up and holding the face of the clock. One does instinctively look down when writing, and it's save time instead of making a conscious effort to look at a clock.

—Novelty in Combs.

Some Remarkably Handsome Designs, Though Expensive, Are Offered to Prospective Buyers.

The bedroom desk fittings have always been more or less of a problem, as the usual brass sets seem a little heavy for a dainty pink or blue chintz hung boudoir. This year there are ivory colored sets of enameled wood which have a latticed pattern for the trimming which shows a bit of a brownish cast through it. They have more character than the plain white sets, and yet add rather than detract from the daintiness of the room. Silver which matches either the striped dresser silver or the engraved patterns can be matched for the desk fittings. Complete sets with blotter, clock and all the many useful and useless articles possibly run as high as \$175. The new clocks are really lovely. They are shaped like half an orange and lie flat on the desk with the curved part up and holding the face of the clock. One does instinctively look down when writing, and it's save time instead of making a conscious effort to look at a clock.

—Novelty in Combs.

Some Remarkably Handsome Designs, Though Expensive, Are Offered to Prospective Buyers.

The bedroom desk fittings have always been more or less of a problem, as the usual brass sets seem a little heavy for a dainty pink or blue chintz hung boudoir. This year there are ivory colored sets of enameled wood which have a latticed pattern for the trimming which shows a bit of a brownish cast through it. They have more character than the plain white sets, and yet add rather than detract from the daintiness of the room. Silver which matches either the striped dresser silver or the engraved patterns can be matched for the desk fittings. Complete sets with blotter, clock and all the many useful and useless articles possibly run as high as \$175. The new clocks are really lovely. They are shaped like half an orange and lie flat on the desk with the curved part up and holding the face of the clock. One does instinctively look down when writing, and it's save time instead of making a conscious effort to look at a clock.

—Novelty in Combs.

Some Remarkably Handsome Designs, Though Expensive, Are Offered to Prospective Buyers.