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But found no source—so clear the sky
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Give to thy joy its wings.
Unto thy heart its song, nor try
With questionings

With questionings The throbbing throat that sings,

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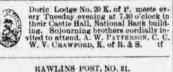
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Gazette.

HEPPNER, MORROW COUNTY, OREGON, FRIDAY, OCTOBER 19, 1894.

Highest of all in Leavening Power,-Latest U.S. Gov't Report

There are a number of different patterns of caponizing tools on the market. Instrument makers and others have en deavored to improve upon the old Chinese instruments. Samuel Cushman poultry manager of the Rhode Island experiment station, who has made an extensive study of caponizing instruments of every description as well as

For in thy clear and steadfast eyes
Thine own self wonder deepest lies,
Nor any words that lips can teach
Are sweeter than their wonder speech;
And when thou givest them to me
Through dawns of tenderness I see,
As in the water sky
The sun of certainty appear.
So—ask me why,
For then thou knowest, dear.
—Arthur Sherburne Hardy in Scribner's. A Valuable Autograph An autograph fiend from New York was recently visiting a friend in Detroit, and naturally he brought his album along, and he also talked much on sutographs, their rarity, value, etc.
"Well," said the Detroit man one day. after a list of high priced autographs had been shown him, "your figures are not in it with one I saw here some years

ago."
"Whose was it?" asked the friend with much interest. "A gentleman's living here at the

time, but now dead." "What did it bring? "Two hundred and fifty thousand dol-

"Aw, come off. I know autographs, and I know one never sold for such sum.

"Just the same I tell you this one did." "Who paid for it?" "One of the banks in the city. It was on a check, and the same autograph FOR 10 1-CENT STAMPS (regular price 25c.) your address if received within 30 days will be for 1 year boddly printed on gammed labels. Only Directory

would have brought a million, net, if the gentleman had happened to want that much for it." After that the fiend put his album in

Two Remarkable Epitaphs. The two most remarkable epitaphs in the United States are those of Daniel Barrow, formerly of Sacramento, and that of Hank Monk, Horace Greeley's stage driver. The former reads as folskins. Who was nevertheless a gentleself defense or by accident, and who, when he at last went under beneath the bullets of his cowardly enemies in Jeff Morris' saloon, did so in the sure and certain hope of a glorious and everlast-

San Francisco Hank Monk's epitaph reads thus: "Sawhitest, biggest hearted and best known stage driver of the west, who was kind in a strange era and was a hero, and the The great highway through Cainfornia to all points East and South. Grand Scenic Route of the Pacific Coast. Pullman Buffet Sleepers, Second-class Sleepers wheels of his coach are now ringing on the golden streets."--St. Louis Republic

Demoralizing the Busy Bee. For rates, lickets, sheeping our reservations, to, call monor address t, KOEHLER, Manager, E. P. ROGERS, Asst. len, F. & P. agt., Partland, Oregon. As the magnie is notorious for stealing glittering objects, so we find the parallel crowds well furnished hives and carry off the provisions; they gradually acquire a taste for this and form compatory. nies and colonies of brigands. If bees are given a mixture of honey and brandy, they can acquire a taste for it and be-come irritable under its influence, drink and cease to work, and like men fall from one vice into another.-Current Literature.

This Coupon not good after becember list, 1894. The Small "Life" of a Great Man. The New York state library has in its possession one of the smallest books in existence. It contains 14 pages, each of which measures 1; inches. .40 cts leaf are the words: "Life and Service of General Pierce. Respectfully dedicated to General Lewis Cass. Concord Press 1852." From its text it would seem that the little book was a vest pocket campaign document, issued during the Pierce campaign.—St. Louis Republic.

How Fast Does Thought Travel? Professor Donders of Utrecht has made some interesting experiments in regard to the rapidity of thought. By means of two instruments, which he calls the "neomatachograph" and the "neornatachometer," he obtained some important results. His experiment, show that it takes the brain .067 of a second to elaborate a single idea. Writing in regard to this Professor Donders says:
"Doubtless the time required for the brain to act is not the same in all individuals. I believe, however, that my instruments may be perfected until we will be able to determine the mental caliber of our friends without our friends sary. These curious experiments have down to 1856, when her possessions sary. These curious experiments have aggregated 256,000 square miles. Adestablished one fact at least—viz, that vances were made in 1886, 1882 and 1886, the eye acts with nearly double the and now the area of India under rapidity of the ear."—Philadelphia Pres' CAPONIZING TOOLS.

The Old Chinese Instruments Versus the Various Modern Ones. practical tests, gives the preference to the best Chinese tools.

A set of these consists of a knife or scalpel for making the incision, a whalebone with hooks at each end to stretch the ribs apart or hold the wound open, a hook to tear the thin, filmlike mem-



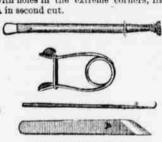
CHINESE INSTRUMENTS. brane lining the abdominal cavity, forceps to pick up and help tear the thin membrane covering the testicle, an elevator or spoonlike probe to draw the lower testicle into view, to assist in passing the hair over the glands, and to scoop out blood, feathers or particles that should be removed from the cavity, and a tube or canula to hold and direct the horsehair loop by which the testicle is After that the fiend put his album in his trunk and left it there.—Detroit Free different tools the knife and forceps are usually combined in one, also the spoon

and hook. The first cut will be understood by means of the following: A, knife and forceps combined. B, whalebone spreader. C, cords for fastening birds, furstage driver. The former reads as follows: "Here is laid Daniel Barrow, who was born in Sorrow and Borrowed little from nature except his name, and his love to nearly and his lame, and his lame, and his love to nearly and his lame, and his love to nearly and his lame, and his love to nearly and his lame, and h love to mankind, and his hatred for red. which is passed over the testicle projecting from the point and the part grasped by the fingers projecting from the square man and a dead shot, who through a by the fingers projecting from the square long life never killed his man except in top or butt, by which the tube is held.

G, special form of spoon and hook.

Mr. Cushman criticises the Chinese tools in some particulars. He thinks the forceps have too much curve at the point. The jaws should be thin and nar-row at the point and fit each other perfectly and be about 5 inches in length cred to the memory of Hank Monk, the whitest, biggest hearted and best known catch with them the thin outer skin of the back of the hand and stretch it quite to all and thought ill of none. He lived a distance or tear it off without their letting go. The excellence of this tool is as important as anything connected with the set. The whalebone spreader Mr. Cushman pronounces far superior to all the wire spreaders seen and tried. If properly made, it stays in position until removed without being held. In the one among savages who have been known to shown in the cut the whalebone is in help themselves on shipboard to all the two pieces fastened together at one end. movables, being fascinated by mirrors. The sliding ring is used to increase or cutlery and jewelry. Sometimes bees, decrease the tension. In all the spreadin order to save trouble, attack in ers of this sort that he has seen as they come from the makers the whalebone is

The spoon in all sets on the market that he has seen he thinks not just suited to its purpose. His idea of the best form nese caponizing spoon and hook may be seen at G in the first cut. The bowl should be widest near the tip and the stem rough that it may not slip in the hand. The tip of the canula shown in the cut is not quite right either, as it should be slightly flattened and wider. with holes in the extreme corners, like A in second cut.



MODERN INSTRUMENTS. Among the many modern instruments an attempt to do away with the horsehair gives the one just referred to. A steel spring keeps the steel wire loop back within the tube. By pressing on the rod at the top the loop is pushed out ready to be placed in position. By removing the pressure the spring draws up the loop and the attachments are firmly held. B is a wire spreader of a style as satisfactory as any Mr. Cushman has ever tried. C is the separate hook, and D the knife furnished with the sets gen-

A Bellef That Proves Troublesome. A recently returned eastern missionary says that a small, but persistent, vexation in household affairs is the firm belief in the transmigration of souls among one's Buddhist servants and its often ludicrous consequences. For instance, once on shipboard the sailors were directed to kill the cockroaches with which the vessel was infested. This they dared not do, fearing that some ancestor's spirit might be imprisoned in that most unlikely form. They approached the vermin gently, lifted them up on sheets of paper and dropped them overboard in a ner almost tender and quite deferential

made friend during her last illness with the constant cry that she feared, when the end should come, that the old belief would be too strong for her, it pressed so hard upon her that the soul was destined for further earthly life. It was a cause for great rejoicing at the mission station that dissolution came in aleep and unattended by this horror .- New York Times.

POULTRY SHOWS.

An increased and widespread interest in well bred poultry is attested by the frequency and importance of the poultry shows north, south, east and west. Formerly poultry was grudgingly allotted restricted space at the agricultural fairs and regarded as a second rate sideshow. The last New York show, according to one estimate, was attended by 11,000 persons; the aggregate sales amounted to \$10,000 and the premiums to \$2,122 in general prizes and \$1,500 in special prizes. These poultry exhibitions are decidedly instructive to an observant attendant, for here are congregated the finest types of the standard breeds, as well as rare and curious birds that delight the fancier. Here, too, is ample opportunity for noting the comparative merits of incubators and brooders and learning many nice points in the successful management of points in the successful management of the same. Incubators, by the way, may now be selected just as one would choose now be selected just as one would choose a sewing machine or any other implement the usefulness of which has gained universal recognition. The incubators manufactured by trustworthy makers and handled by well known firms are all good. It remains for each buyer after comparing the mechanical construction, etc., to decide which is best from his The different breeds exhibited at the

poultry shows during the past season af- able that the nervous discharge is ac ford food for reflection. Some breeds companied by alterations of the blood and modifications of the interior medieterioration. Here is a summary of the dium which justify the popular expressubject as presented by The Fanciers'

Journal: Probably the greatest disappointment to a true fancier is the poor quality and EVOLUTION AND PARTRIDGES. small entries of white faced black Span- Singular Changes in These Birds in the ish seen at our shows. The breed is one of the oldest, handsomest and best in the poultry world and deserves better sup-port. The beautiful race of Polish fowls is being neglected. Rarely do we see

Leghorns have held their own, especially the brown variety. The white has undergone modifications clearly brought about by the conditions under it seems to us that a little more size would be desirable. The buff Leghorns have improved wonderfully and now rank among our standard fowls.

Silver Wyandottes have improved; golden need looking after; white are as good as ever, while the buff Wyandottes promise to lead the entire family in pop-ularity, being a handsome and practical fowl. Plymouth Rocks are still extremely popular. The white variety is well preserved. The new buff Plymonth Rocks promise well.

Buff Cochins show wonderful improve ment, and the magnificent entry of 240 birds at New York will long be remembered. Indian games need attention. Breeders are drifting away from the original type and paying too much attention to color in males instead of seeking

true form or shape. Of the French breeds the good and useful old Houdan is again looming up. The La Fleche is still confined to too few breeders. It is one of the best of table fowls, also a prolific layer of large white eggs. Crevecceurs are occasionally seen,

but not as often as their merit deserves. Dorkings barely hold their own, while Red Caps seem to have dropped almost entirely. Both are breeds of surpassing excellence from a practical standpoint. The Java fowl will soon become extinct, unless more attention is paid to its good points. Games are again becoming popular. This is due to the efforts of the Game club and fanciers.

The Future of Greece.

It is impossible to have intercourse with modern Greeks without being touched with some degree of the enthu slasm which inspires them in discussing the future of their country, or without sharing the confidence with which they approach it. It may be true that the people are of hybrid race, that little of the old Hellenic blood flows in their veins, but few European nations of note, our own perhaps least of all, can boast unmixed descent. There is that in the air this people breathe, in the language they speak, the land they live in, which is of the very spirit of liberty. One meeting a countryman on the road

accosts him as "patriote," a term of more eignificance, of larger meaning than "citizen." But they are a people deeply democratic and require gentle handling to steer liberty clear of the shoals of license. Murmurings against the growth of taxation are already heard, and the extraordinary activity of the press in-sures the publicity of every unpopular act of the administration.—Blackwood's Magazine.

For Towing a Few Hundred Miles In April, 1898, the engines of the steamship California, from Hamburg for New York, broke down when the vessel was about fifty-six miles southeast of Nantucket shoals and 300 miles east of this city. She was towed to this port by the freighter Chateau Margaux, bound from New York to Bordeaux. The latter was awarded \$15,000 salvage.-New York Evening Sun.

A Smitten Conscience.

Dr. Fourthly-I believe my sermon on incerity this morning sank deep into ome hearts and did good.

Parishloner-Yes, as Foley and his wife went home he explained to people on the street car that his wife's hair and teeth were false .- Life.

DANGERS OF EMOTION. Lessons Learned at These Exhibitions—In- The Part That Fear Plays in Rendering cubators—Different Breeds. People Liable to Disease.

Many violent maladies have been upposed to have been produced under the operation of moral influences. Sen-nert believed that fear was capable of provoking erysipelas. Hoffman also made fear and the adynamy resulting from it play an important part as the predisposing cause of contagious diseases. Dr. H. Tuke believed, in par-ticular, in the influence of fear upon the contagion of rabies. The breaking out of rabies has been sometimes observed after psychic emotion, says Popular Science Monthly, Bouley ites the case of a dog which went mad after having been immersed in water. Gamleia cites a similar case in a man. and another in a woman who was frightened by a drunken man. In order to avoid the influence of fear, died less rapidly of it than the Chris-tians. Cullen supposed that sad emo-

This disposition to contagion after violent emotions which determine discharge of the secretions may be partly explained by the fact that the con ditions that diminish the proportion of the liquids of the blood favor absorp-tion. It, however, seems at least probsions concerning having bad blood and turning the blood.

Canary Islands A striking example of the effects of environment and changed conditions of life upon the forms of animals is furnished by a species of partridge livfull entries at the winter shows. The golden penciled Hamburgs, probably the handsomest of all domestic fowls, are being carelessly handled and show signs of Europe into these islands, and the bird has continued to flourish there; bird has continued to flourish there; but, as recent examination proves, it

which it lives Its back has turned from russet color to gray. This looks like a case of pro-tective coloration, since the bird passes

its life amid gray volcanie rocks Then its beak has become one-fourth onger and thicker than that of its ancestors and of its European relatives. and its legs also have increased in

length and grown stonter. These changes are exactly such as were needed to suit it to the life that t is now compelled to lead amic rocks and on the mountain sides of the islands, where a more vigorous physic al development is required than was needed upon the plains of England and

As has been remarked, if such changes can be wrought by nature in the animal form in four hundred years, what might not have been accomplished in four hundred centuries?

WEIGHT OF BEES.

Some Interesting Researches Concerning a Rather Peculiar Subject. An interesting note about the weight of bees appears in an American journal devoted to agriculture, says Dr. Andrew Wilson. It seems that an ordinary bee, not carrying any load of pollen, weighs the one five-thousandth of a pound. Five thousand bees thus make up a pound weight. When, however, the bee is carrying his load of pollen or honey, as he returns from for aging amid the flowers, his weight is increased nearly three times. He car-ries thus about twice his own weight. a result not surprising to those who have studied the m scular powers and ways of insects at large. are londed it requires only eighteen hundred of them to make up the pound Details are also given regarding the number of bees which may exist in a hive. From four-pound to five-pound weight of bees are found in an ordinary colony. This means in figures of pop ulation some twenty thousand to twenty-five thousand individuals. A big swarm, it is said, will often double this

estimate. Talking of bees, if any of my readers wish to indulge in a very curious and fascinating bit of zoological study they should read the story of what is called "parthenogenesis" in bees and other insects, such as the aphides or green flies of the roses and other plants. For such eggs of the queen bee as are fertilized when laid turn out workers (or neuters) or queens, while those which are not fertilized at all develop into males or drones. This is very singu-lar, because fertilization of an egg or seed is regarded ordinarily as neces sary for its due development. I know of nothing more extraordinary than the story biology has to tell regarding this curious by way of animal develop ment.

The man who expects to outron a lie had better not start with lame feet -

Ram's Hora THE man who sets out to be a reformer will never get to rest a minute -Ram's Horn.

Jon was, I admit, a fairly patient man, but he never tackled the task of putting up stove pipes - Endeavor Herald.

DES CARTES' famous remark: "I think, therefore I am," is supplemented by Phillips Brooks, "When I believe



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British India is larger than all that part of the United States lying east of the country. difficulty in retaining what she has,

in every mile of railroad there is seven feet and four inches that is not overed by the rails—the space left be-

The Victoria rullway bridge over the St Luwrence at Montreal, Can., contains 3,900,000 cubic feet of masonmy worth and 10,920 tous of iron.

The above are all line editions of val-nable copyrights, and cannot be had in CHEAP FORM. Coupons must accompany the order to secure be reductions named. Great Britain has been stretching knowing that we are testing their apther wings over India. In 1842 she laid ness." The professor further says: "For claim to 829,000 square miles of that the eye to receive an impression requires ountry. She made additions to this .077 of a second, and for the ear to appreevery year except 1843, 1845, and 1852, ciate a sound .049 of a second is neces

A True Goldfish Story. At the New York hospital they relate Mississippi river and its popula-tion five times as great as bernation of fishes. In the conservatory bernation of fishes. In the conservatory me present population of this in the upper part of the building they Great Britain may had several glass jars in which were not be able to acquire much smore goldfish, which is a species of carp. One of India. Indeed there is likely to be morning the caretaker found a jar broken and the water frozen through and with native dis-attafaction and the through, the fish of course being as rigid that the course of her aggravating as ice. The lump was taken away and as ice. The lump was taken away and thrown into an old rubbish barrel, when it remained several weeks.

One March day the sun was unusually strong, and it split the cylinder of ice, but what was the astonishment of the caretaker to see the tail of a fish wriggling out of a part of the broken block. The actual freezing and not killed the fish, which was removed to another tank, where it swims about as if nothing had befallen it .-- Our Animal Friends.