Pets the Sailors' Joy.

Animal pets have ever been a great joy to the average sailor. There is hardly a ship afloat that does not carry one or more such little favorites, to whom the crew are universally kind. More than this, there is frequently developed an attachment between men and animals that is seldom to be seen on shore; and the intelligence displayed by these animals often far exceeds the wonderful stories we sometimes see in print. On men-of-war there is probably more consideration shown the crew in this regard than on merchantmen; at all events, you will find there many more ship's pets. It is by no means uncommon to see upon the same deck a dozen or more well-trained animals of various kinds whose natural homes are separated by thousands of miles.

Followed Directions.

An old man who lived in the backwoods was suffering with chills. His wife sent for the doctor, who gave him some medicine, with the following directions:

"Take a teaspoonful every two hours in cold water."

Whenever a dose was due the old lady had him get in a tub of cold water and swallow his medicine. When the doctor came again she asked if John could take his medicine in warm water, as he went to "chilling" every time he got in the tub.—Memphis News-Scimitar.

Swells Disappointed.

James J. Hill, the railroad millionaire, has selected a simple and inexpensive summer residence in Lenox, Mass., much to the disappointment of that fashionable colony, which had expected him ti entertain lavishly.

Four Facts For Sick Women To Consider

Lydia E. Pinkham's Vegetable Compound Has an Unequalled Record of Cures—Mrs. Pinkham's Advice Is Confidential, Free, and always Helpful

FIRST.—That almost every operation in our hospitals performed upon women becomes necessary through neglect of such symptoms as backache, irregular and painful menstruation, leucorrhœa, displacements of the uterus, pain in the side, burning sensation in the stomach, bearing-down pains, nervousness, dizziness and sleeplessness.

SECOND.—The medicine that holds the record for the largest number of absolute cures of female ills is Lydia E. Pinkham's Vegetable Compound. It regulates, strengthens and cures diseases of the female organism as nothing else can.

For thirty years it has been helping women to be strong, curing backache, nervousness, kidney troubles, all uterine and ovarian inflammation, weakness and displacements, regulating menstruation perfectly and overcoming its pains. It has also proved itself invaluable in preparing for childbirth and the change of life.

THIRD.—The great volume of unsolicited and grateful testimonials on file at the Pinkham Laboratory at Lynn, Mass., many of which are from time to time published by permission, give absolute evidence of the value of Lydia E. Pinkham's Vegetable Compound and Mrs. Pinkham's advice.

FOURTH.—Every ailing woman in the United States is asked to accept the following invitation. It is free, will bring you health and may save your life.

Mrs. Pinkham's Standing Invitation to Women.—Women suffering from any form of female weakness are invited to promptly communicate with Mrs. Pinkham, at Lynn, Mass. All letters are received, opened, read and answered by women only. From symptoms given, your trouble may be located and the quickest and surest way of recovery advised. Out of the vast volume of experience in treating female ills Mrs. Pinkham probably has the very knowledge that will help your case. Surely, any woman, rich or poor, is very foolish if she does not take advantage of this generous offer of assistance.

$25.00 Cream Separator

FOR $25.00 we sell the celebrated DUNDEE CREAM SEPARATOR, capacity, 200 pounds per hour; 350 pounds capacity per hour for $29.00; 500 pounds capacity per hour for $34.00. Guaranteed the equal of Separators that RETAIL EVERYWHERE at from $75.00 to $125.00.

OUR OFFER. We will ship you a Separator on our 30 days' free trial plan, with the binding understanding and agreement if you do not find by comparison, test and use that it will skim closer, skim colder milk, skim easier, run lighter and skim one-half more milk than any other Cream Separator made, you can return the Separator to us at our expense and we will immediately return any money you may have paid for freight charges or otherwise. Cut this ad. out at once and mail to us, and you will receive by return mail, free, postpaid, our LATEST SPECIAL CREAM SEPARATOR CATALOGUE. You will get our big offer and our free trial proposition and you will receive the MOST ASTONISHINGLY LIBERAL CREAM SEPARATOR OFFER EVER HEARD OF. Address,

SEARS, ROEBUCK & CO., CHICAGO.

FOR WOMEN

troubled with ills peculiar to their sex, used as a douche is marvelously successful. Thoroughly cleanses, kills disease germs, stops discharges, heals inflammation and local soreness, cures leucorrhœa and nasal catarrh.

Paxtine is in powder form to be dissolved in pure water, and is far more cleansing, healing, germicidal and economical than liquid antiseptics for all

TOILET AND WOMEN'S SPECIAL USES

For sale at druggists, 50 cents a box.

Trial Box and Book of Instructions Free.

THE R. PAXTON COMPANY BOSTON, MASS.

PISO'S CURE FOR CURES WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists. CONSUMPTION

P. N. U. 28. 1905.

If afflicted with weak eyes, use **Thompson's Eye Water**

SOME PERTINENT ADVICE FOR LOVERS.

Mabel Wishes to Know How to Rid Herself of an Unwelcome Suitor, and Here is the Answer.

A girl who signs herself Mabel asks the Observer to tell her how to get rid of an unwelcome suitor, who is so persistent that no brand of snubs, or even coldness of the polar variety, has sufficed to banish.

It should be an easy matter to look a lovesick youth squarely in the eye and tell him that the time has come for him to do his roosting on some other front porch and to carry his little bag of caramels to some other girl.

Perhaps, Mabel, you can't appreciate the ache that gets into the heart of a young man once in a while. He is insane. His world begins and ends with you. He writes bad poetry when he should be keeping books for the boss. His appetite fails him, and when he walks the street the birds sing, the dogs bark, and even the breezes echo the one word, "L-o-v-e." He knows he is unworthy, that a century of correct living will not make him fit for you to wipe your shoes on, but he has a hazy sort of an idea that if he keeps on loving, in time he may wear out resistance and that your pity may be transformed into affection.

That is why he comes tripping up the steps with the candy and the flowers; why he is kind to your little brother, whom he privately thinks is being reared for the penitentiary; why he listens to stories told by your respected father, who has a fine recollection of how the battle of Bull Run was waged, and likes to tell about it. That lover would help carry in the coal at your residence, or turn the wringer if he was asked. He is in love. Snubs, rebuffs, hints, polite refusals are as the singing of the winds to him.

There is just one thing for you to do. Be frank. Be brutally frank. Don't try that old "I'll-be-a-sister-to-you" scheme. It was a failure when Rameses I. was courting. Make your NO as big as a brick house, and then go upstairs and have your little cry.

If he comes again, tell papa to use a club.

And don't worry. The young man will get over it. Several millions of young men do get over it every year. Love is a disease. Sometimes it takes strong medicine to cure it.—St. Joseph News Press.

An Antiexpansionist.

A Virginia mountaineer who had strayed to Richmond on an excursion, and who, as his holiday progressed, became rather hilarious, grew overconfident of his own greatness. Looking round at his companions, says the Baltimore Sun, he boasted vainly.

"Gentlemen," he said, "I kin lick any man in Richmond."

No one offered to dispute the assertion, and he tried again.

"Gentlemen," he said, "I kin lick any man in the whole State of Virginny."

The words were hardly out of his mouth before a tall, sinewy man from his own part of the State entered the game and gave the boaster a good thrashing.

The mountaineer had a sense of humor. He slowly picked himself up and faced the group to which he had boasted.

"Gentlemen," he said, "I am now ready to acknowledge that I kivvered too much territory in that last statement."

Russia and Her Newspapers.

One reform that makes all others possible in Russia is the promised removal of the bureaucratic censorship over the Russian press. Once the Czar grants that, it will be a longer lever in the full civilization of his imperial domains than his grandfather's emancipation of the serfs. It is newspapers which make possible Lincoln's wise statement about not fooling all the people all the time, says the Chicago Journal. Without newspapers it has been possible for Russian autocrats to fool the Russian people practically all the time. With newspapers it is impossible to fool any part of any people for very long at a time. Without newspapers it has taken a devastating and profoundly unsuccessful war, the most abject revelations of official incompetence and greed, the uprising of a great factor in the population, the revolt of portions of the army, and the sacrifice of many human lives to awaken Russia herself to a sense of her needs.

Most Amazing Thing in the World.

One day, not so many years ago, I helped a man haul a steam engine of 200 horse power a distance of eighty miles, and after many days it was set up near an enormous steam boiler, with quantities of coal and water supplied, and finally moved the wheels of a big cotton mill. Nothing amazing about that! Listen: A company put a turbine wheel in the Yuba River, California, and developed enormous power which is carried by a great system of transmission lines, operating at 50,000 volts, long distances, in one case 232 miles. By means of small wires sufficient horse power to move the world is scattered along the western slope of the Sierras. You can neither see it nor taste it. To feel it is certain death. What could be more amazing?

A Man of Credit.

A distinguished Irish lawyer, always in impoverished circumstances, once took Chief Justice Whiteside to see his magnificently furnished new house in Dublin.

"Don't you think," he said, with a complacent look about, "that I deserve great credit for this?"

"Yes," the judge answered, dryly, "and you appear to have got it."

FINANCE AND TRADE REVIEW

CONFIDENCE IN SITUATION

Warm Weather Has Accelerated Trade in Textile Lines—Jobbing Business Brisk.

R. G. Dun & Co.'s weekly review of trade says: Customary quiet commercial conditions at mid-summer were augmented by the interruption of a holiday, except that warm weather gave impetus to the distribution of seasonable wearing apparel, sporting goods and outing supplies. In wholesale and jobbing circles an unusually brisk duplicate order business testifies to the freedom from accumulated stocks on the shelves of interior dealers while there is no abatement of confidenc in the future. Structural steel and all forms of railway equipment are the prominent features of the iron industry, but quiet conditions prevail at coke ovens and pig iron furnaces. Sensational soaring of quotations for raw materials threatens the stability of the leading textile markets, although consumption is not yet perceptibly diminished by rapidly rising price lists. Widely varying reports received regarding the crop situation, prices rising higher than would be the case if manipulation were less vigorous and exports are adversely affected.

Several threatened labor controversies have been averted by agreement upon wage scales for another year and building operations are unusually brisk for the season. Inventories show a good volume of business for the first six months of the year, and still greater activity is expected in the last half. Railway earnings in June were 6.5 per cent larger than last year's but foreign commerce at this port for the last week shows a loss of $4,167 in exports and a decrease of $488,758 in imports, as compared with 1904:

Uncertainty in the markets for cotton goods has resulted from the rise in the raw material, and it is almost impossible to negotiate for future delivery. Similar conditions prevail in the other leading textile industry, except that raw material has fluctuated less of late.

MARKETS.

PITTSBURG.

Grain, Flour and Feed.		
Wheat—No. 2 red	$ 93	95
Rye—No. 2	85	86
Corn—No 2 yellow, ear	61	62
No. 2 yellow, shelled	60	61
Mixed ear	48	49
Oats—No. 2 white	35	33
No. 3 white	34	35
Flour—Winter patent	5 80	6 00
Fancy straight winters	5 45	5 50
Hay—No. 1 Timothy	11 00	11 50
Clover No. 1	9 50	10 00
Feed—No. 1 white mid. ton	20 50	21 00
Brown middlings	17 00	17 50
Bran, bulk	18 00	18 50
Straw—Wheat	6 75	7 00
Oat	6 75	7 00
Dairy Products.		
Butter—Elgin creamery	$ 22	24
Ohio creamery	20	22
Fancy country roll	16	18
Cheese—Ohio, new	13	14
New York, new	13	14
Poultry, Etc.		
Hens—per lb	$ 14	15
Chickens—dressed	16	18
Eggs—Pa. and Ohio, fresh	18	19
Fruits and Vegetables.		
Apples bbl	2 50	4 00
Potatoes—Fancy white per bu	30	35
Cabbage—per ton	18 00	21 00
Onions—per barrel	2 50	3 00

BALTIMORE.

Flour—Winter Patent	$ 5 05	5 25
Wheat—No. 2 red	93	94
Corn—Mixed	51	52
Eggs	16	18
Butter—Ohio creamery	20	22

PHILADELPHIA.

Flour—Winter Patent	$ 5 50	5 75
Wheat—No. 2 red	99	1 01
Corn—No. 2 mixed	50	51
Oats—No. 2 white	36	37
Butter—Creamery	20	22
Eggs—Pennsylvania firsts	16	17

NEW YORK.

Flour—Patents	$ 6 00	6 50
Wheat—No. 2 red	1 02	1 04
Corn—No. 2	55	56
Oats—No. 2 white	37	38
Butter—Creamery	20	22
Eggs—State and Pennsylvania	17	18

LIVE STOCK.

Union Stock Yards, Pittsburg.

Cattle.		
Extra, 1450 to 1600 lbs	$5 60	5 90
Prime, 1300 to 1400 lbs	5 25	5 50
Medium, 1200 to 1300 lbs	4 80	5 25
Tidy, 1050 to 1150	4 50	4 75
Butcher, 900 to 1100	3 75	4 25
Common to fair	3 50	3 75
Oxen, common to fat	3 75	4 00
Common to good fat bulls and cows	2 50	3 50
Milch cows, each	16 00	45 00
Hogs.		
Prime heavy hogs	$ 5 85	5 90
Prime medium weights	5 90	6 00
Best heavy yorkers and medium	5 90	6 00
Good pigs and lightyorkers	5 70	5 75
Pigs, common to good	4 70	4 80
Roughs	3 76	4 15
Stags	3 25	3 50
Sheep.		
Extra	$ 5 65	5 80
Good to choice	5 35	5 60
Medium	4 75	5 25
Common to fair	2 50	4 00
Lambs	5 50	8 00
Calves.		
Veal, extra	5 00	7 00
Veal, good to choice	3 50	4 50
Veal, common heavy	3 00	3 70

Small Island Annexed.

Aves Island, in the West Indies, has been annexed to the British Empire. It is rarely visited and little known. Its total length is three-quarters of a mile, and as it rises only about 12 or 14 feet above the sea it is not noticeable, even by day, until closely approached.

Instead of being a stench and a scandal, Philadelphia bids fair to take her rightful place among American cities. She has already got her deep channel to that breezy and wholesome sea of public approbation, declares the Philadelphia Record.

The number of timber sleepers on the railways of the world is calculated to be about 1,494,000,000, and their value is estimated at about $900,000,000. This item makes a serious drain on the timber supplies of the world.

CONSTANT ACHING.

Back aches all the time. Spoils your appetite, wearies the body, worries the mind. Kidneys cause it all and Doan's Kidney Pills relieve and cure it.

H. B. McCarver, of 201 Cherry St., Portland, Ore., inspector of freight for the Trans-Continental Co., says: "I used Doan's Kidney Pills for back ache and other symptoms of kidney trouble which had annoyed me for months. I think a cold was responsible for the whole trouble. It seemed to settle in my kidneys. Doan's Kidney Pills rooted it out. It is several months since I used them, and up to date there has been no recurrence of the trouble."

Doan's Kidney Pills are for sale by all dealers price 50 cents per box. Foster-Milburn Co., Buffalo N. Y.

PERRY'S MISSION TO JAPAN.

The President's Letter in 1853 Courted Japan's Friendship and Trade.

The letter which Commodore Perry bore from our government to the Mikado asked for a mutual treaty. The original instrument was drafted in May, 1851, by Daniel Webster, then Secretary of State, and was signed by President Fillmore. There it rested. In November, 1852, Mr. Webster's successor, Edward Everett, fished it out of the departmental pigeonholes, took it to pieces and refashioned it. Three copies were prepared and were splendidly engrossed in English, Dutch and Chinese. These were inclosed together in a sumptuous gold case; and, to make the whole presentment still more impressive to the Japanese mind, the gold case was enshrined in a coffer of rosewood.

The document intrusted to Commodore Perry asked of the Japanese court two things, friendship and trade—first and foremost, friendship, for the safety of our seamen. Many a hapless crew had been driven into their ports by storm or wrecked on their rocky coast, escaping the perils of the deep only to be welcomed by those truculent islanders to a dungeon or a cage on shore. This wrong must be stopped at all hazards. And if, in addition, we could persuade Japan to enter into friendly relations of trade, the two countries, by mutual interchange of productions, might each promote its own prosperity and the welfare of the other. It was thought that Orientals might see that as well as Yankees. In the end they did. But it cannot be said that Japan, any more than oyster, ever really yearned to be "opened."—Century.

No "Pneumatics" for London.

The plan for a great underground pneumatic tube system in London, for the dispatch of letters and parcels, seems to have been definitely killed for the present by the adverse decision of the committee of the house of commons. One of the advantages claimed for the plan was that it would relieve the congestion of the streets by dispensing with a large number of vehicles. But it seemed to be held that the scheme was still too much in the experimental stage. London had one experience, years ago, with a pneumatic tube delivery, which proved unsuccessful, but it is explained that the general plan was defective, parcels being accumulated faster than they could be handled, so that there was no saving in time.

The World Growing Better.

We reverence the stern virtues of our predecessors, those who founded our republic, but to-day there is less of sect, and, we believe, more of Christianity. The liberalizing spirit has brought men into more generous, more tolerant relations; hands are clasped in good works; selfish or sectional or exclusive benefits are not encouraged. The millennium is not yet in sight, but who shall say that it is not perceptibly nearer? It is a better world than that of our ancestors, this world we live in—better, cleaner, happier, more full or promise for honest endeavor, more inspiring for advancement along the lines of human progress.

WANTED TO SLEEP.

Curious That a Tired Preacher Should Have Such Desire.

A minister speaks of the curious effect of Grape-Nuts food on him and how it has relieved him.

"You will doubtless understand how the suffering with indigestion with which I used to be troubled made my work an almost unendurable burden, and why it was that after my Sabbath duties had been performed, sleep was a stranger to my pillow till nearly daylight.

"I had to be very careful as to what I ate, and even with all my care I experienced poignant physical distress after meals, and my food never satisfied me.

"Six months have elapsed since I began to use Grape-Nuts food, and the benefits I have derived from it are very definite. I no longer suffer from indigestion, and I began to improve from the time Grape-Nuts appeared on our table. I find that by eating a dish of it after my Sabbath work is done (and I always do so now) my nerves are quieted and rest and refreshing sleep are insured me. I feel that I could not possibly do without Grape-Nuts food, now that I know its value. It is invariably on our table—we feel that we need it to complete the meal—and our children will eat Grape-Nuts when they cannot be persuaded to touch anything else." Name given by Postum Co., Battle Creek, Mich.

There's a reason.

Read the famous little book, "The Road to Wellville," in each pkg.

A Fishing Tale.

A recent writer in "The National Geographical Magazine" tells of a tree growing in the Malay archipelago, the Andaman Islands and Ceylon, which produces a fruit used in fishing, with results of a remarkable character. The fruit is pounded up into paste and left in bags over night, after which it is sunk at low tide in deep holes along the reefs. The fish soon begin to appear at the surface; some of them lifeless, others attempting to swim or faintly struggling, with their ventral side uppermost. In this condition the natives have no difficulty in picking them out of the water with their hands.

Best Alarm Clock.

The young man with the yellow satchel stopped at the cabin of an old colored minister.

"Let me sell you an alarm clock," began the young man. "Automatic, double-action guaranteed timepiece."

The old man lit his corncob.

"Dat all sounds very good," he drawled, "but de only kind of an alarm clock dat Ah want am a rooster. Den when yo' gits tired risin' early yo' kin turn aroun' en hab de alarm clock for dinnah. Beats all de automatic clocks on earf."

FITS permanently cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. $2 trial bottle and treatise free Dr. R. H. KLINE, Ltd., 931 Arch St., Phila., Pa.

Alcohol is coming into considerable use for illumination in France.

Use Allen's Foot-Ease.

It is the only cure for Swollen, Smarting, Tired, Aching, Hot, Sweating Feet, Corns and Bunions. Ask for Allen's Foot-Ease, a powder to be shaken into the shoes. Cures while you walk. At all Druggists and Shoe Stores, 25c. Don't accept any substitute. Sample sent FREE. Address, Allen S. Olmsted, LeRoy, N.Y.

A librarian declares there are more than 1,500,000 novels.

Mrs. Winslow's Soothing Syrup for Children teething, soften the gums, reduces inflammation, allays pain, cures wind colic, 25c. a bottle

In 1750 diamonds were sold in Europe at $40 a carat.

Piso's Cure cannot be too highly spoken of as a cough cure.—J. W. O'BRIEN, 322 Third Avenue, N., Minneapolis, Minn., Jan. 6, 1900.

The German flag was first unfurled in 1867.

Nicaragua's Soapy Lake.

There is a soapy lake in Nicaragua. This sheet of water, the Lake of Nejapa, contains a strong solution of birarbonate of potash, bicarbonate of soda, and sulphate of magnesia. "This water, when rubbed on any greasy object, at once forms a lather." The report says it is used as a hair-wash, and enjoys a local reputation as a cure for external and internal complaints. The Nicaraguans are not conspicuous for commercial enterprise, but during the year they managed to export "four demijohns" of this wonderful water to the neighboring Guatemala.—Chicago Journal.

A LOVELY COMPLEXION

New York Lady Proves That Every Woman May Have It by Using Cuticura Soap.

Mrs. R. Reichenberg, wife of the well-known jeweler, of 146 Fulton St., New York, says: "I had a friend who was justly proud of her complexion. When asked what gave her such a brilliant and lovely complexion, she replied, 'A healthy woman can be sure of a fine skin if she will do as I do, use plenty of Cuticura Soap and water.' She insisted that I follow her example, which I did with speedy conviction. I find that Cuticura Soap keeps the skin soft, white and clear, and prevents redness and roughness."

Few Minerals in Tibet.

The geologist who accompanied the British mission to Tibet reports that the country is strikingly poor in valuable minerals. The largest yield of gold was .28 grain a ton of gravel, and there was no trace of coal or indigenous gems.

MILLIONS OF WOMEN USE

Cuticura SOAP

Assisted by Cuticura Ointment, the great Skin Cure, for preserving, purifying, and beautifying the skin, for cleansing the scalp of crusts, scales, and dandruff, and the stopping of falling hair, for softening, whitening, and soothing red, rough, and sore hands, for baby rashes, itchings, and chafings, in the form of baths for annoying irritations and inflammations, or undue perspiration, in the form of washes for ulcerative weaknesses, and for many sanative, antiseptic, purposes which readily suggest themselves, as well as for all the purposes of the toilet, bath, and nursery.

Sold throughout the world. Potter Drug & Chem. Corp. Boston. Mailed Free, "A Book for Women."

BAD BLOOD

"I had trouble with my bowels which made my blood impure. My face was covered with pimples which no external remedy could remove. I tried your Cascarets and great was my joy when the pimples disappeared after a month's steady use. I have recommended them to all my friends and quite a few have found relief."

C. J. Pusch, 967 Park Ave., New York City, N. Y.

Best For The Bowels

Cascarets

CANDY CATHARTIC

THEY WORK WHILE YOU SLEEP

Pleasant, Palatable, Potent, Taste Good, Do Good, Never Sicken, Weaken or Gripe, 10c, 25c, 50c. Never sold in bulk. The genuine tablet stamped C C C. Guaranteed to cure or your money back

Sterling Remedy Co., Chicago or N.Y. 600

ANNUAL SALE, TEN MILLION BOXES

THE DAISY FLY KILLER destroys all the flies and affords comfort to every home—in dining room, sleeping room and all places where flies are troublesome. Clean, neat and will not soil or injure anything. Try them once and you will never be without them. If not kept by dealers, sent prepaid for 20c. HAROLD SOMERS, 149 DeKalb Ave., Brooklyn, N. Y.

PENSIONS. On age at 62. Civil War. On disability and for widows—any war. We have records of service. Laws and advice free. A. W. McCORMICK & SONS, 518 Walnut Street, Cincinnati, Ohio.

Say Plainly to Your Grocer

That you want LION COFFEE always, and he, being a square man, will not try to sell you anything else. You may not care for our opinion, but

What About the United Judgment of Millions

of housekeepers who have used LION COFFEE for **over a quarter of a century?**

Is there any *stronger proof of merit*, than the

Confidence of the People

and ever increasing popularity? LION COFFEE is carefully selected at the plantation, shipped direct to our various factories, where it is skillfully roasted and carefully packed in sealed packages—unlike loose coffee, which is exposed to germs, dust, insects, etc. LION COFFEE reaches you as pure and clean as when it left the factory. Sold only in 1 lb. packages.

Lion-head on every package.

Save these Lion-heads for valuable premiums.

SOLD BY GROCERS EVERYWHERE

WOOLSON SPICE CO., Toledo, Ohio.

WINCHESTER

"LEADER" AND "REPEATER" SHOTGUN SHELLS

Carefully inspected shells, the best of powder, shot and wadding, loaded by machines which give invariable results account for the superiority of Winchester "Leader" and "Repeater" Factory Loaded Smokeless Powder Shells. Reliability, velocity, pattern and penetration are determined by scientific apparatus and practical experiments. They are THE SHELLS THE CHAMPIONS SHOOT