SOMETHING ABOUT NAVY'S BIG GUNS

The Manufacture of Cannon Has Recently Been Revolutionized.

EVERY BIG SHOOTING IMPLEMENT NOWADAYS IS CONSTRUCTED OF THE BEST STEEL AND RIFLED WITH THE UTMOST CARE-HOW THESE MONSTER WEAPONS ARE HANDLED.

From the Philadelphia Ledger.

The great guns with which the battle ships and cruisers are equipped are not the least interesting features of these floating forts. Visitors to the navy yard have been obliged to content themselves with a view of the muzzles of these expensive implements of warfare as they appear thrust out of the turrets of the monitors and the ports of the ships. It is natural to suppose they are like the hundreds of great cannon that repose in long rows in the yard, unmounted and rusty, but they have very little resemblance to them. Since the war of the rebellion there

has been an entire change in the manufacture of cannon. That war brought out the first ironelad, the Monitor, which was impervious to the cannon shot of that day. Rifled guns were just then being talked of, and soon after they were an accomplished fact and the British ships were equipped with them. Bifted guns had been built as early as 1800 and one monster 15-inch gun was mounted on the beach at Fortress Montes Since that day it teners of the day. He sould be supported by Fortress Monroe. Since that day it has been a race between protective armer and rifled guns. No armor has yet been made which great rifles and empered projectiles have not been able to pierce.

INNER TUBES TRIED.

All cannon up to about 1865 had been made of cast iron, and, as the greatest strain was at the breech of the gun, that end was made much thicker and close of the war. On the advent of the rifled gun it was decided to utilize these old cast iron pieces by inserting a rifled steel tube. This was done by and in cooling would shrink upon the steel tube. Very many guns were thus 'converted' as it was termed, and some of these may be seen lying in the yard. This method was called the Palliser method, after its inventor.

The rapid strides made in the con The rapid strides made in the con-struction of ordnance and the demand Watkins, John W. Jones, Tom Beyne for "high power" guns necessary for piercing the improved armor plates Peckville or. Wednesday evening. soon left these converted guns in the lurch, and about eight years ago, when the double-turreted monitors were rebuilt for our navy, they were equipped with the new type 10-inch rifles, the first of the kind to be mounted in our navy. These are made entirely of steel, and are constructed at the ordnance works at the Washington navy yard.

GOVERNMENT FACTORIES.

In 1893 a board of experts, of which Admiral Simpson was president, visited gun establishments abroad, and in 1884 they made a report recommending that steel gun forgings and material cerns and that the government should From Storms and Signs. maintain factories in which the material should be made into guns. As tween the great planets, Saturn and Uranus, which will cause the electrical and magnetic conditions of the earth and air to produce seismic convulsions, tidal waves, hurricanes, violent storms, floods, snow, frost and severe electrical storms. The first award of a contract storms; also disease epidemics, and exfor material was made to the Bethle-hem Iron company, in 1887, to make Sagittarius rules Spain, and the pass all high-power guns have been constructed since that date.

In the navy yard are many piles of cast iron balls and shells. They are Saturn is nearly opposite this place, and piled in pyramidal form and many of by May the 5th Mars will form a square them consist of 15-inch projectiles, aspect to Saturn and be in Pisces, when They are just as good for use as when it is very powerful; so Uncie Sam had they were cast, more than thirty years ago. For several days past laborers have been employed rolling these balls and shells on wooden tramways to the dock. They are to be used on the monitors, which have the old-type guns which they were made to fit. Of course. the shells, which are simply hollow balls, are not yet loaded with powder. It is not likely that many solid shot will be fired from the old-type guns.

DUELS AT LONG RANGE

Regarding the character of an engagement between battleships of the firing would begin as soon as the vessets were fairly in sight of each other. Accuracy of fire would not count for so much, as it would be impracticable on a vessel to say with any certainty with a stable foundation, the case would be different. In naval battles it is the chance shot striking a vital point that does the mischief and wins the victory.

The principle upon which rifled ordnance is constructed in all countries at the present time is embodied in ordnance with which all our naval vessels are now equipped. The guns are made entirely of steel. The core is one piece, the length of the gun. Upon this is shrunk another layer of steel, several feet shorter in the case of a big gun, this layer running from the breech forward. Other layers, each shorter than the preceding one, are shrunk on until the gun is completed, the muzzle end being one thickness of metal only, This makes an extremely strong piece. with little liability to flaws in the metal, one of the greatest drawbacks to cast-fron pieces.

This method of shrinking on a wrought-iron or steel band over the breech of cast-iron guns was adopted towards the close of the rebellion on the famous Parrot guns, but after a few discharges they were likely to burst just in front of the band, and many a gallant soldier lost his life in that way. One prominent naval officer said they were more dangerous to the ship's men than to the enemy.

LENGTH OF NEW GUNS.

One of the most noticeable changes from the old type to the new is the great length of the guns. Some of them are 40 feet long. The Miantonothem are 40 feet long. The Miantono-by hemorrhage. The East wind that mah's four 10-inch guns are 32 feet. The blew over this country last week will object of this great length is to permit cause an awful epidemic of Lagrippmo-the expansive force of burning powder to act longer on the projectile. The powder used is slow burning. If it were to be converted into gas instantaneous. If it were to be converted into gas instantaneous. If it would burst any gun that could be constructed. That is the way dynamite and gun cotton explade.

Of rourse such great guns are very

Of course such great guns are very heavy weighing from 60 to 100 tons cach. Thy cannot be moved by hand, but elaborate hydraulic machinery is

adapted to turn them and to handle the great projectiles which they fire. These projectiles are conical and are put into the gun through the breech, or rear end, which is opened by removing the breech block. This removable piece is crewed into place by half a turn. swings out on a hinge and the whole

movement is quickly made.

Eight men constitute a gun squad, and each has his part to perform. The ammunition is "fixed." that is, it is put together in just the shape it is to go into the gun. It is raised by hydraulic power in an "ammunition hoist," and slipped upon a little saddle, or car, which runs upon a track, and a piston red pushes it into the open breech of the gun, and the breech block is at once screwed in place. The charge cannot be fired until all parts are in place.
All guns with a bore above six inhes in diameter must be loaded and handled by machinery. It would be impracticable for the men to lift projectiles weighing 250 pounds for the 8

MUSICAL GOSSIP.

inch guns, 500 pounds for the 10-inch,

Miss Stein showed hervelf as a dramatic singer of unusually high quality. She has voice, method, fire and noble breadth of style. Here is a singer who has some-thing to say to you, and something worth hearing! Moreover, she has a certain which lie in the yard at League island hearing! Moreover, she has a certain hearing of the old cast fron Rodman type.

Arge dignity of expressiveness that is expected to the old cast from the was sentially tragic, far removed from the sentially tragic, far removed from the sentially tragic. a prominent officer of the United States more every-day passionatiness of most navy. Nearly all the forts and all the singers of "temperament" today. It was vessels were equipped with them at the this breadth of style and noullity of feetings that saved the Tschalkowsky aria. ing that saved the Tschaikowsky arise from seeming wholly commonplace and unworthy of the text. Boston Transcript

Mr. David Hughes, formerly of th heating the gun, which would expand, west Side, now of Easton, sang a ve and in cooling would shrink upon the beautiful tenor solo at the Plymouth Co gregational church last Sunday,

with the Elm Park church quartette la

and David Stephens gave a concert

The Anthracite quartette, composed of M. P. Mitchell, Ira Mitchell, D. J. Gor-den, E. E. Hollister, participated In a concert given by the Patriotic Order Sons of America camp in Music hall last evening. Among their selections was that of the latest composition of Professor T. J. Davies, "Mary's Little Lamb.

The Apollo club of the central city will meet for rehearsal tomorrow afternoon in Ivorite hall, on the West Side.

PROFESSOR COLES FOR MAY.

The Earth this month will pass be gun forgings and armor plates, so that ing of Uranus through that sign portends a revolution for that country, and great sorrow for England. The eighth degree of Gemini is supposed to rule the United States; and at the present time better watch out for the coming of a lit-

> The planets are in a position to bring THE STORMS AND SIGNS.

tle hard luck this mouth.

Our predictions last month that April that tidal waves and earthquakes would do great damage; and that strange appearing circles would be seen around the moon, etc., all came, as predicted This month the sun's rays will not be thrown out of their regular channelsas the garecus matter has passed off the sun, entirely—and we have reasons present type, an officer of high rank at the main, will be a lovely month, like the yard said yesterday that it would the May months of long years ago, to believe that the month of May, in probably be a duel at long range, as when sunshine and showers caused all nature to leap for joy. This will be the first time in seven years for the sun's rays to strike the earth direct without being intercepted by some foreign mat ter. There may be quite a disturbance among the elements on or about the 29th first. See the "Beautiful Star." Just notice the increase of crimes this

THE BEAUTIFUL STAR. If you have not already seen the beautiful star in the golden west, it is time for you to behold its beauty, for there may be trouble in the heavens on Sunday, the 22d inst, as it will be directly in the pathway of the moon on that day. They will meet at 2.9 p. m. and if the moon passes to the north of the star, all will be well. If to the south then an earthquake will follow. This event may cause high gales and tierce storms some-time between the 19th and 25d. If they pass and greet each other in a friendly manner then an awe inspiring sunset scene will follow. Watch them, Sabbath evening, May 23d, at good dark, as they will go down very early. Our prediction last month that the "Maine report" would "That the Maine was blown up by some unaccountable external forces, and that the final result would be Cuban free dom or war!" was based upon the post tion of this beautiful new star at that

THE VITAL FORCES. There will be sixteen Low Ebb and only fifteen High Flood days during the month of May. This will give the evil forces the ruling power and great evils will be abroad in the land. The disease planets are again in the same position as they were last month, and two years ago, when the "Blood Tappers" made their appearance. They are the worst microbe enemy, we believe, that God has ever seen fit to afflict his people with; for they get into our bodies, tap the blood veins, and let the blood animacula escape

PROFESSOR C. COLES,

Editor Storms and Signs. Kingston, Pa., U. S. A., April 23d, 1898.

THE MARKETS.

Wall Street Review.

New York, April 29.-The bull camoatgn inaugurated yesterday was contock market and prices were lifted from to nearly 4 points throughout the ac-ive list. The sharp sevance did not bring out any large amount of offers to realize, but there was some profit taking, appar-ently by small traders in the late dealng, which clipped off the extreme gains for the day. There was no important op-position in the bull campaign and prices moved quite easily, supply of stocks con-tinuing rather limited. The volume of business showed a further increase over yexterday and further additions to the list of active stocks. The strength of the market was quite general but some of the specialties, notably Sugar, Manhatta and Metropolitan Street railway moved more widely than the general list. Total sales of stocks were 297,000 shares.

Furnished by WILLIAM LINN ALLEN & CO., stock brokers, Mears building, rooms 795-795.

۱	sae pounds for the 11-inch and 1,100	Furnished by WILLIAM LINN ALLE! CO., stock brokers, Mears building rooms 705-709.		
1	pounds for the 13-inch.	Open- High- I	low-Clos	
۱	MUSICAL GOSSIP.	Am. Sug. Re'g Co119 1234 Atch., To. & S. Fe 1054 1035	1054 107	
I	The Kiara Schumann society, of	A., T. & S. F., Pr 24% 25%	21%, 25	
1	Wilkes-Barre, will give a concert on Fri-	Am. Spirits His His	10% 10	
ł	day evening, May 6, at the Nesbitt Opera	Balt. & Ohio 155g 157g Brook. R. T 574g 277g	15% 25 37% 37	
١	house, in that city. The event will be	Bay State Gas 2% 2%	216 2	
ł	made notable in a musical way by the ap-	Can. Southern 4si 46	46 46	
I	pearance of the great Welsh tenor, H. Evan Williams, and the dramatic con-	N. J. Central 94 94	03% 93	
1	tralto, Miss Gertrude Stein. The follow-	Chic. & G. W 1015 11	10% 10	
İ	ing press notices from America's most ad-		11894 118	
1	vanced musical center may give some idea	Chic., B. & Q 915g 105a	91% 62	
ı	of the regard that is entertained for these	Chicago Gas 90% 91% Chic., Mil. & St. P 86% 88	90% 91 20% 57	
I	vocalists by the feremost critics;	Chic. R. I. & P 854 854	84% 85	
1	"Of the soloists, Mr. Evan Williams	C. C. C. & St. L 27% 27%	2776 27	
I	was the one about whom greatest interest has centered. He made his Boston debut	Gen. Electric 31 32	21 12	
ı	on this occasion, and at once proved his	Louis & Nash 37% 47%	17% 41	
1	right to stand among the finest oratorio	Manhattan Ele 50% 55%	1995, 34	
1	teners of the day. His voice is supremely	M. K. & Texus, Pr 3134 3134	31% 31	
1	beautiful and full of power. His phrasing	Mo. Pacific 26 2654 Nat. Lead 2915 2915	2946 29	
	is expressive and tender, yet always man-		108% 110	
1	ly and sincere. In the first air, 'If with	Ont. & West 14 14	14 11	
3	all your hearts,' he struck the key-note of his great finish of style, and he never	North Pacific 23% 23%	23% 23	
	devlated from it. If there is a special	Nor. Pacific, Pr 61% 62%	6114 52	
Ì	providence which raises up the oratoria	Pacific Mail 22% 22%	2294 22	
Ì	singer he has certainly been the object	Phil. & Read 167g 167a	16% 16	
1	of its care."-Beston Traveller,	Southern R. R 7% 7%	774 7 251 ₉ 25	
N	Miss Stein showed herself as a dramatic	Southern R. R., Pr., 258, 258, Tenn., C. & Iron, 19th 1978	19% 19	
1	singer of unusually high quality. Sho	Texas & Pacific 10 19	904 9	
j	has voice, method, fire and noble breadth' of style. Here is a singer who has some-	Union Pac., 1st Pr ., 53% 52%	11% 61	
3	thing to say to you, and something worth	U. S. Rubber 17 17	17 17	
į	bearing! Moreover, she has a certain	U. S. Leather 5% 5%	5% 0	
	large dignity of expressiveness that is es-	U. S. Leather, Pr 57% 58%	NAME OF	
	sentially tragle, far removed from the	Wabash, Pr 1512 1512	15% 15	
	more every-day passionatoness of most	West, Union 86 8645 Met. Traction Co1874 1465	36 80 13745 138	
	singers of "temperament" today. It was this breadth of style and nobility of feet-			
	ing that saved the Tschaikowsky aria	CHICAGO BOARD OF TE		

WHEAT.	ing.		11714	ing.
July, CORN.			30%	int.
May	3314	20192	22234	335
OAT'S.	211%	2412	3374	345
May	209	20%	1259	30-3
PORK.		26%	251%	20%
May	11.00	11,05	20.80	10.8
July	11.15	11.27	11.00	11.1
May	5.52	5.07	5.72	5.6
July		5 55	0.77	

	Scranton Board of Trade Exchai				
	Quotations All Quotation				
	on Par of 100.				
r	STOCKS. BIG	. Ask			
t	Scranton & Pittston Trac. Co	. 1			
ŧ	National Bering & Drill'g Co	8			
	First National Bank	00			
		10			
	Scranton Savings Bank	125			
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	Third National Bank				
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	Economy Light, Heat & Pow-				
	er Company	1			
	Scranton Illuminating, lieat				
1	& Power Company	90			

SPICES CONTRACT CONTRACTOR CONTRA	A. F. D.	- 400
Dime Dep. & Dis. Bank	154	
Peck Lumber Mig Co		210
Economy Light, Heat & Pow-		
er Company		40
	***	34
Scranton Illuminating, lieat	100	
& Power Company		9.14
Scranton Forging Co		100
Traders' National Bank	130	356
BONDS.		
Scranton Pass. Railway, first		
mortgage, due 1920	115	
	110	300
People's Street Railway, first		
mortgage, due 1918	115	0.25
People's Street Rallway, Gen-		
eral mortgage, due 1921	115	0.5
Dickson Manufacturing Co		10
Lacka, Township School Mt.		100
City of Scranton St. Imp. 6%		100
Mt. Vernon Coal Co		8
Scranton Axle Works		10
	17.6	40
Scranton Traction Co., hrst	200	
mortgage 6's, due 1932	103	**
The second secon		

New York Produce Market. New York, April 29-Flour Quiet but red. \$1.2116, f. o. b., affort to arrive; op tions opened lower, subsequently railied but closed easy at laze, net lower; No. 2 red, May, closed \$1.1912; July, \$1.0154; Sep-tember, 881gc; December, 87c. Corn-Spot easy; No. 2, 463gc., f. o. b., affoat; options generally weak all day, closing 1-23c, net lower; May closed 284c; July, 28c. Oats -Spot firmer: No. 2, 305c.; No. 3, 34c.; No. 2 white, 27c.; No. 3 white 35c.; options strong and closed ic. net higher; May, closed 364c. Butter - Firm; western ereamery, 15a17c.; do. factory, 124a15c.; Elgins, 17c.; imitation creamery, 145a18c.; state dairy, 14a16c.; do. creamery, 12a15c. Eggs-Steady; state and Pennsylvania. 11Maillac.: western fresh, Illac.; south-

Philadelphia Provision Market. Philadelphia, April 29.-Wheat-Was &c. changed; white, choice, per bushel, 90a55c; do, fair to good, do., 55a55c. Butter-Steady; fancy western creamery, 17b2c; do prints, 19c. Eggs-Steady; fresh, near-by, 111₂c.; do. western, 111₂c.; do. southern, 101₂c. Cheese-Firmer; New York full eream, fancy, 94c.; do. do. fair to good, 84a94c. Refined Sugars-Unchanged. Cotton-Firm, 1-16c, higher; middling up-lands, 65c; Tallow-Unchanged, Live and Dressed Poultry-Unchanged, Re-

Chicago Produce Market. Chicago, April 29.-Wheat today closed

Wheat, 4,000 bushels; corn, 164,000 bush-

els; oats, 97,000 bushels,

Chicago exchange in response to a 5-cent break at Liverpool. At one time the Chi-cago market showed a loss of Sc. Corn closed byc. lower; cuts were strong, especially May, which cicsed lc, higher, while July gained byc. Pears of a squeete in May caused the bulge; provisions were irregular but closed strong with lard, which ruled independently firm on cable delicated and particulated. advices and gained 10c. per theres; perk lost 22c.; ribs gained 25c. Cash quotations were as follows: Flour-Steady and unchanged; No. 2 spring wheat, \$1.95a 1.10; No. 3 spring wheat, \$1.9ta1.10; No. 2 No. 2 rye, 605c.; No. 2 barley, 44a50c.; No. 1 flax seed. \$1.305(a).31; prime timothy seed, \$2.42%; mess, \$10.85a19.90; lard, \$5.60a 5.65; short ribs. sides. loose. 5a7tic.; dry salted shoulders, boxed, 48ia5c; short clear sides, boxed, \$5.75a5.95; whisky, \$1.20.

thicago Live Stock.

Chicaga April 29.—Cattle—Quiet but steady; beef steers ranged from \$1.80 to \$5.25; stockers and feeders, \$1.90a.1.35 for common to choice; bulls, \$2.75a4.25; valves \$5.a5. Hogs-Fair demand but slightly lower: sales ranged at \$2.75a4.10 for common to best; pigs, \$3.55a3.85; prime heavy hogs, sold 12½c, above the best light. Sheep — Dull. Lambs — Slightly lower; wooled lambs sold at \$5a5.45; clipped do.. \$1a5; clipped sheep, \$3a4.30. Receipts-

THE TRIBUNE'S OPPORTUNITY BUREAU

ONE INSERTION 1¢

A WORD.

POPULAR CLEARING HOUSE for the Benefit of All Who Have Houses to Rent, Real Estate or Other Property to Sell or Exchange, or Who Want Situations or Help-These Small Advertisements Cost One Cent a Word, Six Insertions for Five Cents a Word-Except Situations Wanted, Which Are Inserted Free.

5¢

INSERTIONS A WORD.

FOR RENT

FOR RENT-926 GREEN RIDGE ST.

FOR RENT-GREAT OPPORTUNITY First class boarding house in central ity, full of lodgers. Landiady discon-inued because of illness. Immediate pos-ession. A. V. BOWER, 395 Connell bidg.

HOUSE FOR RENT—405 WYOMING avenue. Apply to F. H. Clemons, Blue Ridge Coal Company's office, Mears Building.

SARN FOR RENT-505 MAHON COURT, Apply to F. H. Clemons, Blue Ridge Coal Company's office, Mears Building.

FOR SALE

WAR, WAR, WAR ON HIGH PRICES at Nettleton's, Washington avenue, Ladies' \$4.00, cut to \$2.49; Ladies' \$2.59, cut to \$1.49; Ladies' Oxfords, \$1.59, cut to \$80; Men's \$3.00 shoes cut to \$1.28; Men's \$2.50 shoes cut to \$1.49, etc., etc.

FINE SADDLE HORSE FOR SALE, 110 W. Market street.

FOR SALE-BROKEN ENGLISH SET-ter, cheap. 1541 Penn avenue. FOR SALE-ONE 20-HORSE POWER boller, as good as new. THE WES-TON MILL CO.

FOR RENT OR SALE.

FOR RENT OR SALE-HOUSE AT 41 Clay avenue; 9 rooms, modern in-provements. Inquire of C. J. POST, Com-monwealth Bidg.

FURNISHED ROOMS.

FURNISHED AND VERY DESIRABLE

HELP WANTED

avenue.

WANTED - MEN AND WOMEN TO work at home. I pay \$5 to \$16 per week for making crayon portraits, new patent method, any one who can read or write can do the work, at home, in spare time, day or evening. Send for particulars and work at once. Address H. A. GRIPP, German artist. Tyrone, Pa. MAN OR LADY OF GOOD ADDRESS

to travel and appoint agents. \$40 per month and expenses. P. W. ZIEGLER & CO., 215 Locust St., Philadelphia.

HELP WANTED-MALE WANTED-A GOOD BUTCHER AT 129 N. Main avenue.

HELP WANTED-FEMALE

LADIES EARN IS WEEKLY DOING needle work at home; no canvassing. Enclose self-addressed stamped envelope t, reply, Standard Novelty Co., 101 Beek-man St., New York. WANTED-A HOUSEMAID TO GO TO Stroudsburg, Pa. Must have first class references. Wages \$14 monthly. Address S. C., Jermyn Hotel.

BOARDING.

FIRST-CLASS BOARD, WITH OR without room; special rates given to permanent boarders. Rooms heated by steam and lighted by electric light; censteam and lighted by electric light; centrally located; 2 minutes walk from all depots; 5 meal tickets \$1.00; 21 meal tickets, \$4.00. 123 Franklin avenue.

BUTCHER, THOROUGHLY EXPERIenced in all branches of the trade seeks employment. J. Hilton, 210 Spring

MONEY TO LOAN. \$100,000 TO LOAN IN SUMS OF \$500 AND

upwards. Inquire of W. H. Booth & Co., at Powell's Music store.

CHIROPODIST

CORNS, BUNIONS AND INGROWING nails cured without the least pain or drawing blood. Consultation and advice given free. E. M. HETZEL, Chiropo-dist. 330 Lackawanna avenue. Ladies at-tended at their residence if desired.

CITY SCAVENGER A.B. BRIGGS CLEANS PRIVY VAULTS and cess pools; no odor. Improved pumps used. A. BRIGGS, Proprietor. Leave orders 1100 North Main avenue,

or Eickes' drug store, corner Adams and Mulberry. Telephone 6940.

ELECTION NOTICE. THE CONTRIBUTORS TO THE LACK-awarma Hospital and the Scranton Training School for Nurses will hold their annual meeting for the election of offi-cers on May 2, 1838, at the Hospital, be-tween the hours of 6 and 9 p. m. J. GEORGE EISELE, Secretary.

PERSONAL.

HYPNOTISM BRINGS HEALTH, HAP piness and success in life. Get my freinformation. Have taught more people the art than all others combined. Ne irstantaneous method. Mammoth collections tion of Literature and large illustrated lesson free! PROF, HARRADEN, Jack-

Cattle, 3,000 head; hogs, 27,000 head; sheep 8,000 head.

Buffalo Live Stock.

East Buffalo, N. Y., April 29.—Cattle—Rather quiet and easy. Hogs—Slow; Yorkers, good to choice, 34.67a4.16; roughs, to choice, \$1.75a3.90. Sheep and Lumbs-Slow; lambs, choice to extra, \$5a5.05; fair to good, \$4.75a4.90; sheep, choice to selectcelpts—Flour, 22,000 barrels and 2,000 ed wethers, \$4.15a4.55; culls to common, sacks; wheat, 23,000 bushels; corn, 62,000 bushels; oats, 43,000 bushels. Shipments—

New York Live Stock.

New York, April 29,-Beeves-Steady steers, \$4n6.50; bulls, \$3.60n4.35; cows, \$2.500 3.90. Calves-25a50c, higher. Sheep and Lambs-Dull and weak; anshorn sheep, \$4 nt.70; clipped, \$1.50a4.25; best exports, \$4.50; unshorn lambs, \$5.80a6.25; clipped, \$4.75a 5.20; spring lambs, \$2.50a5 each. Hogs-Lower nt \$4.15a 4.35.

East Liberty Untile Murket.

East Liberty, Pa., April 29.—Cuttle—Steady; extra, \$5.10a5.15; prime, \$5.00a5.19; common, \$1.90a4.15. Hege—Slow and lowbest mediums, \$4.05a4.10; best Yorkers \$4.05; light Yorkers, \$3.95a4; heavy hogs, \$4 a4.10; pigs. \$3.75a3.90; roughs. \$2.50a3.50. Sheep—Firm: choice clipped. \$4.20a4.25; common. \$3.15a3.65; choice clipped lambs. \$1.85a5; common to good, \$1.25a4.80; spring lambs, \$5a7; veal calves, \$5a5.75

Oil Market.

Oil City, Pa., April 29 .- Credit balances Ac.; certificates opened Ac. bid cash; closed sales, 2,000 berrels cash at 71%c., the only sale of the day; shipments, 56,500 barrels; runs, 109,207 barrels.

CATARRH IN THE HEAD, that

troublesome and disgusting disease, may be entirely cured by a thorough course of Hood's Sarsaparilla, the great blood purifier.

HOOD'S PILLS cure nausea, sick headache, indigestion, biliousness. All druggists, 25c.

AGENTS WANTED

RELIABLE PERSONS TO TAKE THE agency in their own towns for the best line of fast selling novelties; pays 100 per cent. profit; for ladies or gents. SPIRO & WATKINS, 1031 and 1033 Chest-nut street, Philadelphia, Pa.

KLONDIKE—AGENTS WANTED FOR large illustrated book of Klondike, five hundred pages; price \$1.50; outfit 19c. Address NATIONAL PUBLISHING CO., Lakeside Building, Chicago, Ill.

BUSINESS OPPORTUNITY

PARTNER WANTED WITH ABOUT \$10,000. Established business. Will bear investigation. Large profits. Safe investment, For interview address P. O. Box 374. Scranton, Pa.

LOST.

LOST-BETWEEN HOOK AND LAD-

der house. No. 1, and 618 Washington avenue, diamond ring. Kindly return to Tribune office and receive reward. LEGAL NOTICE

THE UNDERSIGNED ADMINISTRA-trix will sell at public sale, at her residence, No. 222 Cherry street, Dun-more, Pa., Friday, May 6, 1898, at 3 p. m., one upright plano. Terms cash. Fan-nie M. Sansenbaugh. SITUATIONS WANTED

single gentleman as assistant book seeper; he can also make himself usefu n any other kind of offee work; best ref rences. Apply or address 314 Jefferson

SITUATION WANTED BY A YOUNG

SITUATION WANTED AS STATIONoller and engine; having 12 years' experi-

SITUATION WANTED — WASHING, ironing to take home, or go out by the day washing scrubbing or any kind of housework. Side door, 420 Franklia

SITUATION WANTED - AS HOUSE-keeper; best of references given. Ad-dress A. M., Tribune Office.

YOUNG GIRL, GOOD PENMAN, would like a position as assistant in office or clerk in store. Has had experi-ance. Address 91 Price street, city.

SITUATION WANTED-TO GO OUT washing and take washing and troning home. Call or address A. B., JR N. Sumner avenue, Hyde Park. SITUATION WANTED - EXPERIenced dressmaker desires situation is shop; \$1 per day. Address T., Tribune.

SITUATION WANTED BY AN INDUStrious boy seeking for work as errand oy or office boy, 14 years old. Address E. ., Tribune. SITUATION WANTED-BY A STEADY.

soler industrious young man as clerk in a grocery store or any place of trust; can furnish Al references. Address C. W., Box 4, Duryea, Pa. SITUATION WANTED-BY A SOBER, industrious man as watchman or teamster; understands the care of horses; can work in store or outside; willing to do anything to make an honest living. W. F. C., 137 S. Everett ave., Hyde Park.

street, Providence SITUATION WANTED-BY A FIRST class colored girl for general house-

work in private family. Able to furnish good references. Call or address Cook, 519 Spruce street.

EXPERT BOOKKEEPER IS OPEN TO accept of a permanent position in a wholesale greery or dry goods house. Address Bockkeeper, Tribune office. SITUATION WANTED-BY MIDDLE aged woman as housekeeper for wid-ower preferred; good references. Address E. M., this office.

RESPECTABLE MAN OF GOOD EDU cation wishes position of any kind; considerable experience in office work; references. J. H., Tribune office.

POSITION WANTED BY A YOUNG man to keep books or office work. Can give good references. Address Mar-cus E. Freedman, 218 River street.

SITUATION WANTED - WOMAN would like work by the day or week. Address M. J., Tribune office.

WANTED-A POSITION BY A MIDDLE aged hady as housekeeper in a family of one or two gentlemen. Address or eall within the next four days, 923 Green Ridge street. Best of references can be given. Country preferred. A YOUNG MAN OF GOOD ADDRESS

desires position as bookkeeper or as-sistant; experienced; Al references, Lock Box 16, Jermyn, Pa. DRESSMAKER WISHES A FEW MORE engalements by the day. C., Dressmaker, Office.

SITUATION WANTED WASHING, froning and cleaning offices by the day, or will take washing home. Side door, 420 Franklin avenue.

DRESSMAKER WITH YEAR'S EXPE rience wishes a few more engagemen by the day. Dressmaker, Tribune office. BAKER WISHES SITUATION AT BAK ing with experience. Address S., 125 N Main avenue.

tion as collector, bookkeeper or sales man; can furnish unexceptional refer ences or security. 1743 Sanderson avenue YOUNG MAN OF 25 WISHES A POST tion as salesman; has very good references from New York and Scranton and willing to work. Goldsmith, 242 Penn ave

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A. W. BERTHOLF, Atty., Mears Bldg.

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DR. KAY HAS MOVED HIS OFFICE to the Scranton Private Hospital, cor-ner Wyoming Ave. and Mulberry St. Telephone: Day call, 5312; night call, 413. DR. C. L. FREY, SCRANTON SAVINGS Bank bldg, 122 Wyoming avenue.

MARY A. SHEPHERD, M. D., HOME-opathist, No. 228 Adams avenue. DR. A. TRAPOLD, SPECIALIST IN Diseases of Women, corner Wyoming avenue and Spruce street, Scranton, Office hours, Thursday and Saturdays, 9 a. m. to 6 p.m.

DR. W. E. ALLEN, 512 NORTH WASH-DR. L. M. GATES, ROOMS 297 AND 208 Beard of Trade building. Office hours, '8 to 9 a. m., 2 to 3 and 7 to 8 p. m. Resi-dence 309 Madison avenue.

DR. C. L. FREAS, SPECIALIST IN Rupture, Truss Fitting and Fat Reduc-tion. Office telephone 1363, Hours:18 to 12, 2 to 4, 7 to 9.

DR. S. W. L'AMOREAUX, OFFICE 231 Adams, Residence 1318 Mulberry, Chron-ic diseases, lungs, heart, kidneys, and genito-urinary organs a specialty. Hours 1 to 4 p. m. W. G. ROOK, VETERINARY SUR-geon. Horses, Cattle and Dogs treated. Hospital, 124 Linden street, Scranton. Telephone 2812.

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THE ELK CAPE, 125 AND 127 FRANK. lin avenue, Rates reasonable. P. ZIEGLER, Proprietor, SCRANTON HOUSE, NEAR D., L. & W passenger depot. Conducted on the Edropean plan. VICTOR KOCH, Prop.

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MRS. GABLE, GRADUATE WIDWIFE 1518 Washburn street, Scranton, Engagements solicited. Rooms and heat attendance for a limited number of pa-

G. R. CLARK & CO., SEEDMEN AND Nurserymen; store 116 Washington ave-nue; green house, 1250 North Main ave-nue; store telephone, 782.

SEEDS

MISCELLANEOUS LADIES HAND TURNED SHOES, cost \$2.50 at \$1.50; Russet and Dongola Shoes, cost \$2.00 at 99c.; Men's Fine Rus-set 4,rd Call Shoes, cost \$5.00 at \$1.80, AT NETTLETON'S, Washington ave. BAUER'S ORCHESTRA-MUSIC FOR balls, plenics, parties, receptions, wed dings and concert work furnished. For terms address R. J. Bauer, conductor 117 Wyoming avenue, over Hulbert', music store.

MEGARGEE BROTHERS, PRINTERS supplies, envelopes, paper bags, twine. Warehouse, 120 Washington avenue,

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(Lehigh and Susquehanna Division.)

RAILROAD TIME TABLES Central Railroad of New Jersey

Stations in New York-Foot of Liberty street, N. R., and South Ferry Whitehall street.
Anthracite coal used exclusively, insuring cleantiness and comfort. FEB. 20, 1838.
Trains leave Scranton for Pittston.
Wilkes-Batre etc. at 8.29, 19.10 a. m., 1.29,
2.25, 3.29, 7.10 p. m. Sundays, 9.00 a. m.,
1.09, 2.15, 7.10 p. m.
For Lakewood and Atlantic City, 8.29
a. m. m. For New York, Newark and Elizabeth

En. New York, Newark and Elizabeth, For New York, Newark and Elizabeth, E.20 (express) a. m., 1.20 (express) p. m. Sunday, 2.15 p. m. Train leaving 1.20 p. m. Sunday, 2.15 p. m. Train leaving 1.20 p. m. Sunday, 2.15 p. m. Train leaving 1.20 p. m. For Mauch Chunk, Allentown, Bethlehem, Easton and Philadelphia, 820 a. m., 1.20 1.20 p. m. Sundays, 2.15 p. m.

For Hultimore and Washington and points South and West via Bethlehem, E.21 a. m., 1.20 p. m. Sundays, 2.15 p. m.

For Hultimore and Washington and points South and West via Bethlehem, 8.20 a. m., 1.20 p. m. Sundays, 2.15 p. m.

For Roading, Lebanon and Harrisburg, via Allentown, 8.20 a. m., 1.20 p. m. Sundays, 2.15 p. m.

For Roading, Lebanon and Harrisburg, via Allentown, 8.20 a. m., 1.20 p. m. Sunday, 2.15 p. m.

For Pottsville, 8.20 a. m., 1.20 p. m. Returning, leave New York, foot of Liberty street, North River, at 4.90, 9.10 (express) a. m., 1.30 (express) with Bunct parior carr p. m. Sunday, 4.20 a. m.

Leave New York, South Ferry, foot Whitehall street, at 3.55 a. m., 1.25 p. m.

Passengers arriving or departing from this terminal can connect under cover with all the elevated ralifoads, Broadway cable cars, and ferries to Brooklyn and Staten Island, making quick transfer to and from Grand Central Depot and Long Island Kaliroad.

Leave Philadelphia, Reading Terminal, 9.00 a. m., 2.00 p. m. Sunday, 6.26 a. m.

Through tickets to all points at lowest rate may be had on application in advance to the ticket agent at the station.

H. P. BALDWIN, Gen. Pass. Agt.

J. H. Ol WAUSEN, Gen. Supt.

Schedule in Effect Nov. 28, 1897.

Trains Leave Wilkes-Barre as Follows:

7.30 a. m., week days, for Sunbury Harrisburg, Philadelphia, Balti-more, Washington, and for Pitts-burg and the West. burg and the West,
10.15 a. m., week days, for Hazleton,
Pottsville, Reading, Norristown,
and Philadelphia; and for Sunbury, Harrisburg, Philadelphia,
Baltimore, Washington and Pitts-

burg and the West.

12 p. m , daily, for Sunbury, Harrisburg. Philadelphia, Baltimore, Washington, and Pittsburg and the West. 00 p. m., week days, for Hazleton

and Pottsville. J. R. WOOD, Gen'l Pass, Agent, J. B. HUTCHINSON, General Manager.

Del., Lacka, and Western.

Effect Monday, Nov. 21, 1897. Trains leave Scranton as follows: Ex-ress for New York and all points East, 40, 200, 5.15, 8.00 and 10.05 a. m.; 12.55 and

1.30, 5.00, 5.10, 5.00 and 10.05 a. m., 12.55 and
3.33 p. m.
Express for Easton, Trenton, Philadelphia and the South, 6.15, 8.00 and 10.20 a.
a., 12.55 and 3.33 p. m.
Washington and way stations, 3.45 p. m.
Tobyhanna accommodation, 6.19 p. m.
Express for Binghamton, Oswego, Elmira, Corning, Bath. Dansville, Mount
Morris and Euffalo, 12.10, 2.35, 9.00 a. m.,
and 1.55 p. m., making close connections
at Euffalo to all points in the West,
Northwest and Southwest.
Binghamton and vay stations, 1.95 p. m.
Nicholson accommodation, 5.15 p. m.
Binghamton and Elmira express, 5.55
p. m.

p. m.
Express for Utica and Richfield Springs, 2.% a. m., and 1.55 p. m.
Ithaca, 2.35, 9.60 a. m., and 1.55 p. m.
For Northumberland, Pittston, Wilkes-Barre, Plymeuth, Bloomsburg and Danville, making close connections at Northumberland for Williamsport, Harrisburg, Ealtimore, Washington and the South, Northumberland and Intermediate stations, 6.00, 19.05 a. m., and 1.15 and 6.06 p. m.

m. Nanticoke and intermediate stations, 8.68 and 11.10 a. m. Plymouth and intermediate stations, 2.25 and 8.50 p. m. For Kingston, 12.45 p. m. Pullman parlor and sleeping coaches on all express trains.
For detailed information, pocket time-tables, etc., apply to M. L. Smith. Dis-trict Passenger Agent, depot ticket of-

Delaware and Hudson.

On Monday, Feb. 2i, trains will leave Scranton as follows: For Carbondale—6.29, 7.55, 8.55, 10.15 a. m.; 12.00 noon; 1.21, 2.20, 3.52, 5.25, 6.25, 7.57, 9.15, 11.00 p. m.; 1.16 a. m. For Albany, Saratoga, Montreal, Boston, New England points, etc., 6.20 a. m., 2.29 p. m. For Honesdale—6.29, 8.55, 10.15 a. m.; 12.00 noon; 2.20, 8.25 p. m. For Honesdate 12.00 noon; 2.20, 5.25 p. m. For Wilkes Barre—6.45, 7.50, 8.45, 9.38, 10.45 a. m.; 12.05, 1.25, 2.21, 3.33, 4.41, 6.10, 7.50, 10.45 a. m. 12.05, 1.25, 2.21, 3.33, 4.41, 6.10, 7.50,
10.28, 11.30 p. m.
10.75 New York, Philadelphia, etc., via Lehigh Valley R. K., 6.45 a. m., 12.05, 1.25,
4.41 p. m. (with Black Diamond Express),
11.30 p. m.
For Pennsylvania R. R. points—6.45, 9.38

a. m.; 2.21, 4.41 p. m. For western points via Lehigh Valley R. R., 7.50 a. m., 12.05, 3.33 (with Black Diamond Express), 19.28, 11.30 p. m. Trains will arrive at Scranton as follows:
From Carbondale and the north—6.40, 745, 8.40, 9.34, 10.40 a. m.; 12.90 noon; 1.20, 2.18, 3.25, 4.37, 5.45, 7.45, 10.25, 11.27 p. m.
From Wilkes-Barre and the south—6.45, 7.50, 8.30, 10.10, 11.55 a. m.; 1.16, 2.14, 3.48, ce in the depot.
Special attention given to Western and

Southern resort business.

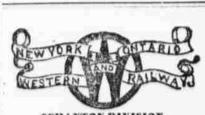
W. BURDICK G. P. A., Albany, N. Y.
H. W. CROSS, D. P. A., Scranton, Pa. Lehigh Valley Railroad System Anthracite Coal Used, Ensuring Cleanliness and Comfort. In Effect Feb. 24, 1898.

TRAINS LEAVE SCRANTON For Philadelphia and New York via D. & H. R. R. at 6.15 a. m., and 12.05, 2.21, 4.41 (Black Diamond Express) and II.30 p. m. For Pittston and Wilkes-Barre via D. L. & W. R. R., 6.90, 11.19 a. m., 1.55, 3.35 99 p. 15. For White Haven, Hazioton, Pottsville, nel principal points in the coal regions in D. & H. R. R. 645, 12.05, 2.21 and 4.41 o m. For Bethlehem, Easton, Reading, Har-isburg and principal intermediate sta-ions via D. & H. R. R., 6.45 a. m., 12.65, 121, 4.41 (Black Diamond Express), 11.30 p. m.
For Tunkbannock, Towarda, Elmira,
Ithaca, Geneva and principal intermediate stations, via D. L. & W. R. R., \$08
a. m., 12.45 and 5.55 p. m.
For Geneva, Rochester, Buffalo, Niagvra Falls, Chicago and all points west via
D. & H. R., 12.05, 3.33 (Fuck Diamond
Express), 19.25 and 11.30 p. m.
Pallman parior and steepin, or Lehigh
Valley parior cars on all traits between
Wilkes-Harre and New York, Philadelphia, Buffalo and Suspension Bridge,
ROLLIN H. WILBUR, Gen. Supt. phia. Buffalo and Suspension Br.dge. ROLLIN H. WILBUR, Gen. Supt. CHAS. S. LEE, Gen. Pass. Agt., Phila-

delphin, Pn. A. W. NONNEMACHER, Asst. General Press, Agt. Philadelphia, Pa. Seranton office, 309 Lackawanna avenue. Eric and Wyoming Valley.

In Effect Sept. 19, 1897. Trains leave Scranton for New York and intermediate points on Eric railroad, also for Hawley and local points at 7.06 n. m. and 2.25 p. m.

Arrive at Scranton from above points at 10.23 a. m., 2.15 and 9.38 p. m.



Nor	forth Hound. Se			South	outh Sound		
		Exp 10	Stations Trains Daily, F cept sunday.)	x-	Chita'r'ose Day Ex 2		
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All trains run daily except Sunday.

I signifies that trains stop on signal for passegreta rates via Ontario a Western before purchasing tickets and save money. Day and hight Express to the West.

T. Filtoroft. Div. Pass. Art. Scranton, Pass. Art.