

WILL KILL CHOLERA.

Natural Gas and Petroleum May Keep the Disease Away.

THE VEGETABLE GERM EXISTS.

Colonel T. P. Roberts Tells of His Having Seen It Recently.

OPPOSED TO LOWERING THE DAVIS DAM

"Pittsburg is less liable to be infected with cholera on account of its natural gas and petroleum resources than other cities that do not have these advantages."

The above remark was made by Colonel Thomas P. Roberts, civil engineer, of the Monongahela Transportation Company, and member of the State Board of Health. He was discussing the inadvisability of lowering Davis Island dam, as the water, he believes, would then become a natural and form a breeding ground for bacteria of any and all diseases.

"There is much talk among physicians," he continued, "about the non-existence of the cholera germ, but I have seen the germ myself while on exhibition before the Microscopical Society a few months ago and know of what I am speaking. There is as yet no well-established theory regarding the cholera germ either as to its cause or cure, and one may clearly be entitled to regard that there is some excuse for this state of affairs is evidenced by the fact that it has only been within the last decade that the germ theory has been generally accepted by our foremost scientists. Many there are even yet who dispute the theory and claim the comma bacillus is not the real progenitor of the disease. These doubters hold the comma bacillus, or other germs found in the waste discharges of the disease, to be the product of the peculiar pathological or morbid condition of health instead of being the cause direct. This theory when fully developed requires of its advocate a belief in spontaneous generation of life. This question has agitated for years the most profound students of biology, but so far they are at a loss to prove it a fact and are obliged to accept the germ theory as the only practicable one to account for the phenomena of cholera and other infectious diseases.

Where the Germs Belong.

"One fact appears to be demonstrated regarding all forms of bacteria heretofore discovered and classified. That fact is that they all belong to the vegetable kingdom although of a low and primitive order of existence. Bacteria are mere cells of protoplasm which multiply by subdivision and are devoid of chlorophyll. They are judged to be vegetable rather than animal forms of life on account of their resistance to alkaline solutions. Moisture or water is necessary for their propagation, and, like animals, oxygen seems to be necessary to support their existence. It is pretty well demonstrated that their native soil, including the waters, are in the lowlands of Bengal. It was at Jessore in 1817 that the first epidemic of the disease was made known to European physicians. It has since repeated occasions since that period spread over Asia, Africa and America, from the same basic region. The probabilities are that in that district there is a mean temperature approximating 85°, which heat they best flourish, with other favoring conditions for their growth and dissemination through a populous region. It is a mistake to suppose, however, that cool weather, or even winter weather, will exterminate the cholera germ. I have to suggest upon several occasions in Europe in the coldest days of winter. As one writer states: 'The instances where cholera has been kept out by a rigid quarantine or the strictest of quarantines are few, and, if continued, quarantines may be called elaborate illustrations of leakiness,' as we had an illustration only yesterday in New York, where the third-class passengers on a certain steamer were required to take bath in salt water and go into camp on an island for several days, while the cabin passengers, some of whom mingled with the immigrants on the pier, were permitted to go to the city without being compelled to even wash their hands.

H Goes Recommended.

"It occurs to me that such agents which are known to be destructive to vegetable life, while not specially inimical to animal life, should be employed to exterminate the cholera germ. I have to suggest upon several occasions in Europe in the coldest days of winter. As one writer states: 'The instances where cholera has been kept out by a rigid quarantine or the strictest of quarantines are few, and, if continued, quarantines may be called elaborate illustrations of leakiness,' as we had an illustration only yesterday in New York, where the third-class passengers on a certain steamer were required to take bath in salt water and go into camp on an island for several days, while the cabin passengers, some of whom mingled with the immigrants on the pier, were permitted to go to the city without being compelled to even wash their hands.

Health upon the subject of cholera epidemics. This remark refers to the use of sulphuric acid in water as a destroyer of germ life in drinking water. The acid absorbs the oxygen in the water, without which no bacteria can exist.

How the Acid Operates.

Bacteria are not burned to death by the acid. If this were true, human beings would suffer from the same cause. It is a mild power that controls the existence or non-existence of the low forms of life. A few degrees of temperature more or less or the oxygen supply will regulate the development of such terrible creatures as the comma bacillus.

"I saw a small colony of these scourges when exhibited at a meeting last winter of the Microscopical Society in this city, and they are well named from their resemblance to the printer's comma."

"I would urge our local scientists and physicians to keep in mind the possible therapeutic value of our natural gas. One matter is important for study, concerning which I lack information. That is, it is stated that some bacteria develop in the intestines, or the tissues lymphatic of the body; others seek the blood or general circulation. Now if the 'comma bacillus' is found much in the blood it would appear that as the blood is constantly passing to the lungs to be expelled by the air we breathe a corrective could be applied by inhalation. If, upon the contrary, the germs are in the intestines, etc., chiefly, they may be best reached through the stomach, in which the acid supply will appear to be the form of the specific to reach them."

LOVE NEVER GROWS OLD.

A Widower, 88 Years Old, Takes Out a Marriage License.

The unusual event of a man 88 years of age taking out a marriage license occurred yesterday. The intended bride is 58 years of age. The young derv appeared at the marriage license office and astonished Clerk Enory by requesting a license to marry. The intended groom gave his name as Alexander Lowrey, born in Ireland, now residing in the Sixth ward, Allegheny, and a widower. His occupation, in his own words, is that of "a private gent." The lady is Mrs. Janet Gray, a widow, 53 years of age, born in Scotland, now living in the Second ward, Allegheny.

IT WAS MADE TOO LATE

Frank Fertig's Charitable Requests Inoperative Under the Law.

The will of the late Frank Fertig, of Allegheny, was filed yesterday for probate. He bequeaths \$500 to St. Mary's Church, Allegheny, for masses for his soul, and \$200 for masses for the soul of his deceased wife. \$150 cash is given to the St. Joseph's Orphan Home on Troy Hill and the Little Sisters of the Poor, Washington street, Allegheny. The balance of his estate is divided among his relatives.

It is so easy to contract a cold which, from its obstinacy, may entail a long siege of discomforts before getting rid of it that the afflicted should resort at once to that old established remedy, Dr. D. Jayne's Expecto-rant, which will speedily remove all coughs and colds, and help you to avoid all complications involving the throat and lungs.

A Recommendation From Illinois.

WILMINGTON, ILL., April 11, 1891. I would say that I can recommend Chamberlain's Remedy as a number one set of family medicines such as every home should be provided with. You can rely upon their being as near what they are recommended as any medicine sold in this part of the country. Especially I recommend the afflicted should resort at once to that old established remedy, Dr. D. Jayne's Expecto-rant, which will speedily remove all coughs and colds, and help you to avoid all complications involving the throat and lungs.

Mrs. Winslow's Soothing Syrup for children teething is the family benedictor.

CLEVELAND'S BAKING POWDER. No Ammonia. No Alum. A pure cream of tartar powder. Used in the U. S. Army and by teachers of cookery. Cleveland's is the standard, it never varies, it does the most work, the best work and is perfectly wholesome.

But your own experience is better than anybody's "say so," and your own experience will show you that Cleveland's baking powder is the strongest and the best. Try it.

LADIES! DO YOU WEAR THE FITTING CORSETS? GLOVE MAKING. SOLD AND GUARANTEED BY LEADING DEALERS Throughout the United States.

Table with columns: Name, Residence. Lists names of couples and their addresses.

MARRIED. BLACKFORD-McCOORMICK-At the residence of the bride's parents, Titusville, Pa., Wednesday evening, August 31, 1902, LEONIE EDITH McCOORMICK to EDWARD F. BLACKFORD, of Pittsburg, Pa. No cards.

DIED. ARMBRUST-At Green Tree borough, on Wednesday, August 31, 1902, at 7:45 A. M. MARY E., daughter of John S. and Margaret Silk Armbrust, aged 77 years.

BROWN-At East Liberty, August 31, at 10 P. M. MARGARET FORBSTER BROWN, in her 50th year.

CONKLIN-On Tuesday, August 26, 1902, at 8:45 P. M. GALEN F., infant son of H. D. and E. M. Conklin.

DEMPSEY-On Monday, August 25, 1902, at midnight, JAMES HAYES, aged 79 years.

LOCKHART-Entered into rest at Mansfield Valley, Pa., on Tuesday, August 26, 1902, SADIE E., daughter of Robert and the late Maria Lockhart, aged 15 years and 6 months.

McKIM-At Hawkins station, P. R. R., on Tuesday, August 26, 1902, at 4 P. M. Mrs. ELIZABETH McKIM, in her 82d year.

PAUL-At his home in Saltburg, Pa., Tuesday, August 26, at 1:45 P. M. ROBERT A. PAUL, in the 64th year of his age.

PRUSE-On Wednesday, August 31, 1902, at 8:30 P. M. HENRY LEWIS, son of Mr. and Mrs. Henry Pruse, aged 2 years and 5 months.

REGAN-REARDON-At rest. ELIZABETH, widow of JOHN REARDON, died at 6:05 P. M. Monday, August 25, 1902, at her residence, second door from Harrison, on Forty-ninth street, city, aged 81 years.

WILLIAM H. WOOD. Funeral Director and Embalmer. Rooms, 206 Foster street, Oakland, 4924. Telephone 4924. dsls-29-775

O. McClintock & Co. HARMONY CARPETS DRAPERIES SEE WINDOW DISPLAY. Our exhibit of New Fall Designs in all grades and descriptions of CARPETINGS and DRAPERIES is a magnificent display of the latest styles and newest effects in colors. Harmony has been our chief study.

O. McClintock & Co. LACE CURTAINS! New and exclusive designs in Point d'Anglaise, Point d'Esprit, Russian, Point d'Colbert, Cluny. First Empire designs in SATIN DAMASKS AND WOOL TAPESTRIES.

O. McClintock & Co. Old Seal Garments Remodeled into fashionable Jackets, Military and Short Capes. Winter styles now on exhibition. Bring your old capes and we will lengthen them skillfully, and at a reasonable price. It will save a good many dollars to think of this now.

PAULSON BROS., 441 WOOD ST. Oldest Fur House in Pennsylvania. TABLE DAMASKS, NAPKINS, TOWELS! Special sale of Napkins for a few days in order to close out some odds and ends.

HORNE & WARD 41 Fifth Avenue. REMOVAL. PITTSBURGH CLEAN TOWEL CO. Have removed to their new building 125 FULTON STREET.

GINNIFF & STEINERT, Limited. WOOD STREET CARPET HOUSE, 305 WOOD ST. Some nice patterns, enough for a room, may be just what you want, and to be had at a sacrifice price. Rugs to match in price and pattern.

W. L. DOUGLAS \$3 SHOE GENTLEMEN. THE BEST SHOE IN THE WORLD FOR THE MONEY. A genuine sewed shoe, that will not rip, and will not pull, and is made of the finest material.

B. & B. More than extraordinary—and Navy Blue besides—two shades navy—and the right shades, and the widest Suitings we ever had to sell.

B. & B. 300 YARDS All-Wool Crepons Were made to sell at \$2.50—66 INCHES, almost 2 yards wide, at \$1 A YARD.

BOGGS & BUHL, ALLEGHENY. ROSENBAUM & CO. LAST CALL OF THE SEASON! We have still in stock about 28 dozen Ladies' Percale and Lawn Waists, but there won't be one of them here next Saturday evening—in fact three days should clear them out completely. When we say this we mean it.

ROSENBAUM & CO. Mothers, Take Notice! We have a beautiful line of Infants' Cashmere Cloaks, cream or tan, with capes or yokes, from \$2 up to \$10—any one of them is worth more money. Satisfy yourself on this point by personal investigation.

ROSENBAUM & CO. FOR 25 CENTS You can buy here the best and nicest White Shirred Mull Caps for Children ever put on sale. It's a regular gop cap. This is clearly a case where the quarter "does double duty."

ROSENBAUM & CO. M. MAY, SONS & CO. FINE DYEING AND CLEANING. 26 Sixth Ave., Pittsburg, Pa. Telephone 2022.

ROSENBAUM & CO. W. L. DOUGLAS \$3 SHOE GENTLEMEN. THE BEST SHOE IN THE WORLD FOR THE MONEY. A genuine sewed shoe, that will not rip, and will not pull, and is made of the finest material.

BARGAIN SALE OF SHOES. BEGINNING WEDNESDAY MORNING AN UNPRECEDENTED SALE OF MEN'S, LADIES', MISSES' AND BOYS' SHOES.

200 pairs Men's fine B Calf machine-sewed, plain toe, Bal Shoes, solid as a rock, regular price \$2, cut price \$1.38. 300 pairs Boys' fine Veal Calf, Tip, Button or Bal Shoes, sizes 11 to 2, regular price \$1.50, cut price 98c. 100 pairs Ladies' fine Dongola Button Shoes, sizes 2 1/2 to 4, regular price \$1.75, cut price 98c.

SCHOOL SHOES. We call your special attention to our immense stock of school shoes for Boys and Misses, which we have had specially made for school service.

GUSKY'S 300 TO 400 MARKET ST. B. & B. SEVERAL LOTS Ladies' Shirt Waists TO BE CLEARED, Which means THEY'LL GO at these prices.

J. G. BENNETT & CO., Leading Hatters and Furriers, COR. WOOD ST. AND FIFTH AVE. THURSDAY, FRIDAY AND SATURDAY. OPENING OF FALL STYLES DERBY AND SILK HATS, INCLUDING Dunlap & Co., New York. D. D. Youman, New York. Christy & Co., London, Eng. Heath & Co., London, Eng.

W. L. DOUGLAS \$3 SHOE GENTLEMEN. THE BEST SHOE IN THE WORLD FOR THE MONEY. A genuine sewed shoe, that will not rip, and will not pull, and is made of the finest material.

BOGGS & BUHL, ALLEGHENY. New Fall Dress Goods.