

IN THE BASINS

Hall's Investigations in the Valley of the Upper Red. ONE BASIN BELOW THE OTHER. Vast Underground Reservoirs of Water With Distinct Sources of Supply.

Special to The Journal. Washington, Dec. 12.—For the past two years the United States geological survey has been investigating the structural geology and water resources of the Red River Valley of the North. Charles M. Hall, director of the North Dakota co-operative survey, has been conducting the work, and as a result of his investigation it is shown that at least two distinct artesian basins underlie and yield flowing water over a large portion of the upper Red River valley. These basins are quite distinct, having different sources of supply and yielding different quantities of water. The more important of the two basins is the eastern continuation of the great Dakota artesian basin, noted for its large flows in the James River valley in both North and South Dakota. The eastern limit of this basin is marked by an irregular line running north and south, not far from the middle of the Red River valley, where the water-bearing horizon rises to within 200 feet of the surface, while twenty-five miles to the west it is reached at depths ranging from 400 to 600 feet. This basin yields many large flows on the Dakota side of the valley, one recently struck yielding as high as 7,000 barrels per day from a three-inch well.

A MARKET ON THE COAST

R. SYKES HAS INVESTIGATED IT. He Advises Dakota Farmers to Ship West Rather Than to the East.

Special to The Journal. Tacoma, Wash., Dec. 12.—R. Sykes, a large North Dakota landholder, says that Puget Sound ports are being sought as an outlet for butter, cheese and eggs of several of the states in the Mississippi valley. Mr. Sykes has put a part of his time into investigating the market Puget Sound offers for the products of stock and poultry raising. I have written to several North Dakota papers on this subject, said Mr. Sykes last evening. I have stated that here is the best market to which North Dakota farmers can ship such products. This city buys its eastern eggs largely from Nebraska and Iowa. The same is true of its butter and cheese. The price is high. It will, in my opinion, continue so because this city supplies Alaska, and Alaska is going to consume more each year for many years to come. North Dakota farmers can make more by shipping their butter and eggs to this city than they can by sending them to Minnesota markets. The farmers of this state have a permanent and constantly improving market to look to on the coast. But I believe that the export trade is going to keep growing so fast that the place will remain the best market for our farmers. I have investigated conditions all along the line of the Northern Pacific, through northern Washington. They nowhere approach what the Puget Sound cities have to offer.

BOUNCED FOR A BOOK

Naval Officer Criticized His Superiors Too Sharply. Paris, Dec. 12.—Maurice Devalson, author of a book called "Les Maritimes," has been brought up before a board of inquiry at Brest and discharged from the service. The work is written with a certain alertness and native talent for observation, but lacks the curatorial point of view. It owes its success to the bitterness with which the ways and means of the navy are attacked and the libelous frankness with which the chiefs of the navy, notably Admiral Fournier, are dealt with.

THE FEAR OF HUBBUB.

Prevents Many People From Trying a Good Medicine. Stomach troubles are so common and in most cases so obstinate to cure that people are apt to look with suspicion on any remedy claiming to be a radical permanent cure for dyspepsia and indigestion. Many such pride themselves on their cautiousness in never being hubbubbed, especially in medicines.

Now Stuart's Dyspepsia Tablets are vastly different in one important respect from ordinary proprietary medicines for the reason that they are not a secret patent medicine, no secret is made of their ingredients, although they are sold by all druggists under protection of trademark, but analysis shows them to contain the natural digestive ferments, pure ascorbic peptin, the digestive acids, Golden Seal, bismuth, hydrastis and auz. They are not cathartic, neither do they act powerfully on any organ, but they cure indigestion on the common sense plan of digesting the food eaten thoroughly before it has time to ferment, sour and cause the mischief. This is the only secret of their success. Cathartic pills never have and never can cure indigestion and stomach troubles because they act entirely on the bowels, whereas, the whole trouble is really in the stomach. Stuart's Dyspepsia Tablets taken after meals digest the food. That is all there is to it. Food not digested or half digested is poison, as it creates gas, acidity, headaches, palpitation of the heart, loss of flesh and many other troubles which are often called by some other name.



Smart Neckwear. Our Furnishing Department is fairly abloom with bright, handsome Christmas Neckwear—the prettiest creations that the combined efforts of weaver and silk worm ever produced. We have prepared for a special leader, of which we procured 700 dozen ties made of silk ends from best selling 50c neckwear, made in every shape that fashion allows, and offer them for Christmas sale at 25c.

Special fine silk neckwear, all shapes; 75c quality. Choice for Xmas 50c. Finest neckwear to be seen at 75c to \$1.50. Men's fine silk and satin suspenders, put up one pair in a fancy box, a large and fine assortment at 60c. Men's fine gloves for street wear, new colors, new stitching; unusually fine qualities for \$1. Gents' extra fine linen hemstitched initial handkerchiefs, 15c-2 for 25c. Gents' fine Pongee silk initial handkerchiefs, 25c. Extra fine ones, 50c.

Holiday suggestions in hats and caps.

A high grade Hawes derby at \$3. The new Pantourist shape soft hat at \$2.50 or \$3. Alaska seal caps from \$4 to \$7. Handsome cloth caps, stylish and warm, 50c to \$2.

In Labor's Field OFFICERS MUST GO

Coopers' Union No. 22 Advised to Make Changes BY GENERAL EXECUTIVE BOARD

The Advice is Result of Investigation Following Charges by President Murphy. Coopers' union, No. 22, is in an embarrassing position, says a recent meeting of the general executive board of the Coopers' International Union it was decided, on the recommendation of J. A. Cable, secretary and treasurer of the International organization, to notify No. 22 that its present officers had proved themselves unfit for their positions and that if it hoped to retain its charter it must change its officers. This action on the part of the general executive board was based on Secretary Cable's report of his investigation of the contention among the local coopers in Minneapolis, through northern Washington. They nowhere approach what the Puget Sound cities have to offer.

STONECUTTERS' PROBLEMS

Discussed by Hugh Jennings in the Stonecutters' Journal. A few years ago the local stone cutters union numbered over 200 members and it was one of the strongest organizations in union circles in Minneapolis. To-day the organization contains not to exceed sixty members. The trouble is not that there has been any falling off in faith in the cause of organized labor, but it is due to the fact that the rapidly diminishing demand for labor of this kind has driven the men into other lines of effort. Labor saving machinery has contributed its part to bringing about this condition, and the largely increased use of terra cotta for trimmings has done the rest. The problem confronting the stone cutters is the same as that in many other lines of work, man vs. machinery.

Present conditions in the stone cutting trade and the remedy are discussed by Hugh Jennings in this city in an article in the last number of the Stone Cutters' Journal, the national organ of the trade. Mr. Jennings holds that the situation with the stone cutters is but part of the great movement going on in all trades,

Heinrich's Now for the holidays

Our thoughts turn toward that great Gift-giving Day—Christmas—which is only a few days away. We've been preparing for the Holiday trade for weeks brought the best here for you to select from—useful articles at prices that are sure to tempt you. No trouble finding just what you want. Some useful suggestions. MEN'S FINE SUITS, made of pure worsteds, vicunas, nobby Scotchies and cassimeres; made like the high class tailor would make them—a useful Xmas gift for \$15. MEN'S HAND-MADE SUITS—Special good ones in fine tweeds, chevots, cassimeres and worsteds for Xmas at \$12.50. MOST RELIABLE all wool suits, with fine Princess serge linings, permanent shapes, all fabrics, all styles, \$10. LONG OXFORD GRAY, 32-oz Melton Overcoats; also black, blue and brown kerseys. These are exceptional fine coats for only \$10. HANDSOME OVERCOATS in oxford gray, black, blue, brown, olive and greenish Scotch mixtures, broad shoulders, graceful sweep, hand made, choice for \$15. All the swagger and dressy coats are here. The Stein-Block, and Heinrich Special are most correct, \$15 to \$35. EXTRA SPECIAL FINE TROUSERS in beautiful worsteds, tweeds, cassimeres and chevots, choice \$3. Finest tailor-made trousers, \$4 to \$7.

Boys' holiday wear. Fine all-wool blue Chinchilla Reefers... for boys 8 to 16 years... made with heavy fancy worsted lining and large storm collar... they are worth \$5.00... special, \$2.95. Brown melton reefers... with storm collar... ages 7 to 16... and for the little tots with the new velvet collar and yoke... they are worth \$3.00, special, \$1.95. Boys' Norfolk sailor, Russian and vestee suits, ages 3 to 12... all pure wool and choicest colorings... splendid values and a big assortment... from \$2.50 to \$9.00. Special sale... 300 Boys' fine knee pant suits... bought at our own price of a leading New York clothing maker... in Manly 2 and 3-piece suits... They are \$4 and \$5 values... choice for Christmas, \$2.95.

Boys' furnishings. Boys' fleece lined or natural wool underwear, 25c to 75c. Boys' all-silk Mufflers... special lot... 15c to 45c. Boys' Jersey and Leather Leggings... 48c to \$1.45.

STORM HELPS WHEAT. Kansas City, Dec. 12.—In Kansas and western Missouri rain fell all day yesterday, turning to sleet or snow at night. The storm has been of enormous benefit to wheat. ABOVE MORTAL COMMENT. Detroit Free Press. Harriet—Cupid is always represented as a poor little urch without any garments. Harry—Yes, that is done so that he will never go out of style. A large and fresh line of Lowrey's Christmas Candies at the Eureka Drug Store, 1713 4th Ave S.

WIRELESS MESSAGES Much Claimed for This Improved Tandem Kite System.

New York, Dec. 12.—William A. Eddy has written to Mr. Marconi enclosing diagrams for an improved tandem kite system for reaching a height of 3,000 feet with Major Baden-Powell's system of kites. He thinks the system will enable Marconi to send messages at least 1,000 miles, because every increase in height has so far enormously increased the range of wireless telegrams. Should the receiving vessel, being two thousand miles out at sea, also send up a receiving wire by means of kite storm flyers to a height of 3,000 feet, Mr. Eddy thinks the 1,000-mile limit will be more than doubled.

MADISON LEADS It Has the Crack Company of the Wisconsin National Guard.

Special to The Journal. Madison, Wis., Dec. 12.—In the annual report of inspectors, to be issued shortly by Adjutant General Boardman, Company G, of Madison, is shown to be the crack company of the Wisconsin national guard's forty companies. It ranks first with a total score of 177.3 points out of a possible 200. Company E of Fond du Lac is second with score of 174. Company K of Milwaukee is third in the list with 175.9 points.

AMERICAN DOLLARS A Large Number of Them May Be Placed in Russian Loan.

Berlin, Dec. 12.—Owing to objections being made to France's furnishing the whole of the projected Russian loan of \$40,000,000, financiers in the United States will shortly be sounded as to the possibility of placing \$20,000,000 of the loan in that country.

Low Holiday Rates East via the North-Western Line.

Rates to Quebec, Toronto, Montreal, Hamilton—one fare for the round trip. Tickets on sale Dec. 12 to 15 inclusive, good returning to Jan. 7. Rates to Albany, Boston, Portland, Me., Springfield, Mass., Bangor, Me., Ogdensburg, 34c; Buffalo, Montreal, 35c; Toronto, 50c; St. Johns, 50c. Tickets on sale Dec. 12 to 22 inclusive, return limit Jan. 6. Tickets, berth reservations, and all information at City Ticket Offices, 413 Nicollet avenue, Minneapolis; 382 Robert street, St. Paul.

Carlsbad For Five Centuries the Carlsbad Springs have been acknowledged by the medical faculty to be the best and most effective specific for all ailments of the liver, catarrhal affections of the stomach, bile, bile pigment, gallstones, temporary and habitual constipation, etc.

Millions of people all over the world have been cured by the use of this celebrated spring. It acts mildly without pain, and regulates the secretions of the stomach. The Carlsbad Sprudel Salt is obtained by evaporation from the waters of the Springs of Carlsbad and contains the same curative properties that have made the place famous for five centuries. Beware of imitations, the genuine Carlsbad Sprudel Salt must have the signature of FRIEDRICH & WENZELSON CO. New York, Sole Agents for U.S. on bottle.

Jap Rose Soap

one-sixth pure glycerin, is perfectly transparent and contains no impurities. The delicate perfume of natural flowers. It is a toilet pleasure. The pride of the makers is to sustain its purity and high quality. JAMES S. KIRK & COMPANY

The Large Percentage of Cures

effected at the Hinz Medical Institute is due to, First—That one Doctor examines and treats the patients exclusively. Second—That no patent and "all cure" remedies are piled off on patients. Third—That the very best obtainable vegetable remedies are being dispensed, compounded and furnished to patients by the Doctor in person. Fourth—That it is the largest and best equipped Medical Institute of its kind in Minneapolis. Fifth—That its business rules and principles are founded UPON HONOR. Sixth—That incurable cases are not promised a cure.

INVESTIGATE before taking treatment elsewhere. Men Who think they are afflicted with NERVOUS DEBILITY or Falling Vital Strength, commonly called "LOST MANHOOD," Exhausting Urinal Discharges, Loss of Seminal Fluid, Impotency, Prostate and Kidney Inflammation of the Bladder and Glands of the Heart, Lungs, Liver, Stomach and Kidneys, are invited to call at the HINZ MEDICAL INSTITUTE, at once. There may not be much to be made of the matter with them. Dr. Farnsworth will examine you and render an honest opinion, which may save you a great deal of worry and your money for unnecessary medicines besides. Musture treated by a safe method. No Ours, No Fees, Blood Purifiers, Contractions of Hereditary, in all its stages, Syphilis, Gonorrhea, Rheumatism, Nerves, Swellings, Discharges, Gonorrhoea, Blood Diseases, Enlarged Prostate and Hydronephrosis, Hemorrhoids, Gonorrhoea, and Gonorrhoeal Stricture, Reasonable Charges. Incurable cases not promised to cure. All Modern Apparatus and Appliances Used. Long and Permanently Established. HINZ MEDICAL INSTITUTE 47-49 Wash. Av. S., Minneapolis. OFFICE HOURS—9 to 12, 1 to 5 and 7 to 8:30 p. m. Sundays and Holidays 10 to 12.

Chicago, THE MILWAUKEE LINE St. Paul Ry. Office, 228 N. W. Phone 122, Milwaukee Depot. Leave, Daily, Except Sunday, Arrive. 7:50am Chicago, La. Cross, Milwaukee 8:30pm 8:00pm Chicago, La. Cross, Milwaukee 12:30pm 6:20pm Chicago, La. Cross, Milwaukee 3:20pm 7:30pm Chicago-Paribut Limited 9:20am 2:40pm Chicago, Paribut, Dubuque 9:20am 3:40pm Chicago, Paribut, Dubuque 10:30pm 7:50am La. Cross, Dub. Rk. Island 10:50pm 7:50am Northfield, Faribut, Kan. Cy. 8:25pm 8:25am Chicago, Milwaukee, St. Paul, Wash. 10:45am 7:35pm Ortonville, Aberdeen, Fargo 6:55am 7:15pm Northfield, Faribut, Austin 11:20am CHICAGO GREAT WESTERN RY. "The Maple Leaf Route." City Ticket Office, 5th & Nicollet, Minneapolis. Depot: Washington & 10th Ave S. 12x Sunday. Others Daily. Leave For Arrive From Kenyon, Dodge Center, 7:40 am 10:35 pm Osceola, Dubuque, Freeport, 7:55 pm 8:25 pm Chicago and East, 10:45 pm 1:25 pm Cedar Falls, Waterloo, 10:00 am 8:00 pm Marshalltown, D. Moines, 7:35 pm 8:25 am St. Joseph, Kan., Kansas City, 10:45 am 1:25 pm Cannon Falls, Red Wing, 10:00 am 1:25 pm 10:45 pm 10:20 am Northfield, Faribut, Waterville, Mankato, 7:40 am 10:50 pm Mantorville, Kenyon, 7:40 am 10:35 pm Hayfield, Austin, Lytle, 7:40 am 11:20 am Mason City, 4:35 pm 10:00 pm Eagle Grove, Ft. Dodge, 7:40 am 10:50 pm THE GREAT NORTHERN Office, 200 N. W. Phone, main 830, Union Depot. Leave, Daily, 12x Sun, 12x Sun, only Arrive. 7:45am St. Cloud, Fer. Falls, Fargo 8:25pm 7:45am Minneapolis, Duluth, St. Cloud 8:25pm 9:00am FLYER to Montana & Pacific Coast 7:00pm 9:45am Willmar, Su. F., Yan., Su. F. 5:00pm 8:12pm Elk River, Milaca, Sandusky 5:00pm 8:30pm Waziyata and Hutchinson 8:30am 7:40pm Fargo, Gd. Forks, Winnipeg 7:12am EASTERN MINNESOTA. Duluth, West Superior, 10:30pm 11:30pm Duluth, West Superior, 11:00am Sleeper for 11:50 train reads at 9 p. m. Minneapolis & St. Louis R. R. Office, N. W. Phone 225, St. Louis Depot. 12x Sunday. Others Daily. Leave Arrive. Watertown & Storm Lake Express 7:30 am 7:32 pm Omaha, Des Moines, 7:30 am 7:34 am St. Paul, Mason City and Marshalltown 7:30 am 7:30 pm Earlville 7:30 am 7:30 pm St. Louis & Chicago Limited 7:35 pm 8:05 am Omaha and Des Moines Limited 8:35 pm 7:35 am Minneapolis, St. Paul & Sault Ste. Marie Office, 119 Guaranty Building, Telephone 1361. Depot, 3d and Washington Aves S. Leave, Daily, Arrive, 7:35 am Pacific Coast Points, 7:30pm 8:35pm Atlantic Coast Points, 7:30pm Depot, 5th and Washington Aves N. 7:15pm Glenwood Express 7:45am 7:55am Rinelander Local 7:55pm WISCONSIN CENTRAL RAILWAY CO. Office, 220 Nicollet. Phone 1938. Union Depot. Leave, All Trains Daily, Arrive. 7:25 am Chicago, Milwaukee and In- 8:30 am 7:05 pm terminate points, 6:15 am Burlington Route. Office, 414 Nicollet Ave. Leave for Terminal Points, Arrive. 7:30am Chicago—Except Sunday, 1:00pm 7:30am St. Louis—Except Sunday, 7:30pm 7:30pm Chicago and St. Louis—Daily, 6:20am