A GLIMPSE OF MARS.

SOME OF THE WONDERS OF THIS INTERESTING PLANET.

Her Tiny Moons and Her Network of Gigantic Canals and What the Astronomers Have to Say About Them—The Planet's Atmosphere.

Seen through a fine telescope, Mars presents the appearance of a miniature earth floating overhead, the ruddy markings indicating land, the greenish markings outlining seas and water courses, while white caps adorn the regions corresponding to the polar regions on earth. The astronomer, in the quiet and ease of his observatory, can make a study of these regions, which may not as yet have ever been seen by the inhabitants of Mars because of the dangers which prevent access to them. We may well doubt whether the bravest Martian ever succeeded in reaching either pole of the planet. Yet our eyes have rested on those polar regions, even on the very poles themselves.

Mars turns around on its axis just as the earth does, except that the day lasts longer than the day on earth. With the telescope it is possible to follow the hourly changes that take place on Mars from sunrise to sunset. We can see the mists of morning gradually clearing away and the gathering of clouds toward evening, probably to pass from the skies at night, leaving the stars to shine with a greater splendor through a rarer atmosphere. Perhaps one or both of the little moons of Mars (for it has two, named Deimos and Phobos) may be shining in the sky. Deimos rises in the east like other stars, but the inner moon, Phobos, hurries around Mars three times a day. For this reason it rises in the west every night and sets in the east after about five and a half hours. Neither of the moons gives much light, since Phobos supplies only one-sixtieth of the amount of light given by our moon, while Deimos gives only one twelve hundredth. But the smallness of the Martian moons must be taken into consideration, since Phobos is only seven miles in diameter and Deimos five or six.

Continuing our observation of the planet Mars during its daytime, we see in imagination the white shore line along which the murmuring waves ripple or dash in breakers against rock and promontory. Clouds form and rain falls on the surface of Mars, though not on such an extensive scale as here. Nevertheless, during the latter half of October, 1894, an area much larger than Europe remained densely obscured. On another occasion Sir Norman Lockyer noticed a great mass of clouds spreading over a sea many thousand square miles in extent. As the hours passed away the clouds slowly dispersed, either melting on account of the sun's heat or dissolving in rain.

When Lockyer ceased observing for the evening—at about half past 11—a large portion of the sea which had been concealed gradually came into view. On this same night Mr. William Rutter Dawes, known as "the eagle eyed astronomer," was also studying the planet of war, keeping it well under observation until the "wee sma' hours," when he made an excellent drawing of the planet. Comparing this with a drawing made an hour earlier by Lockyer, it was seen that the clouds which had concealed the sea during the earlier part of the evening had passed entirely away. Referring these events to Martian time, the cloudy weather on this occasion apparently occurred in the forenoon, the midday hour bringing clear weather, which would seem to have lasted till the afternoon was far advanced.

In 1877 Schiaparelli observed some peculiar lines on the surface of the planet Mars, and he called them canals. For nine years he was the only astronomer who could see them, and when in 1881 he further announced that the canals had doubled it was supposed for a time that the Milanese astronomer was the victim of an illusion. However, since then the results of his observations of the canals of Mars have been abundantly confirmed both in Europe and America, especially at the Lick observatory and the Flagstaff observatory. The observations made by Mr. Lowell at the latter observatory and those already made by Schiaparelli tend to make us feel very much at home on planet Mars.

The canals are not visible during the winter season on Mars, but as springtime advances they make their appearance as faint, dark lines, growing wider and wider until they are 50 miles across, and then, by way of variety, they double. In fact, single canals have been known to double themselves literally at a day's notice, the twin canals running along side by side like railroad tracks, only in this instance the railroad tracks are separated by a distance of over 200 or 300 miles. Some of the canals extend to a distance varying from 300 to upward of 4,000 miles and appear to be as accurately straight as lines can be upon a sphere.

The canals seem to meet at a number of small spots or junctions, which have been termed "lakes" by Schiaparelli and "oases" by Mr. Lowell. These small spots are scattered over the ruddy portion of the planet's surface, forming a curious network with the canals, the spots at the junction of the canals being as important a feature as the canals themselves. Mr. Lowell assumes that the region intersected by the canals corresponds to the desert region on earth and that the canals were apparently constructed for the purpose of fertilizing this region and the oases in the midst of the wilderness. Therefore what we see is not the canal itself, but vegetation along its banks. Yet this does not account for a canal doubling itself within 24 hours, for, romance as we may about Mars, we can scarcely imagine vegetation developing with such amazing rapidity.

Mr. Lowell also enters into interesting speculations as to the canals being of artificial formation, ignoring the rather serious difficulty as to the temperature of Mars. He sees evidence of engineering skill in the construction of the canal system, which he attributes to the superior ability of the Martians. Under the circumstances we can well imagine the (supposed) inhabitants of Mars recognizing the necessity of such canals as a protection against the destructive effects of the annual inundations, but several years ago Mr. J. Orr of the British Astronomical association found on calculation that the construction of such canals would require an army of 200,000,000 men working for 2,000 years.—Miss Mary Proctor in St. Nicholas.

The wall around the city of Babylon at the height of its prosperity was 56 miles in length.

The Man Who Laughs with a hearty ring usually has a clear brain and sparkling eyes. He's a healthy man as well as a successful man, because good digestion and pure blood gives him strong nerves, and a clear brain. There's no success possible without health. To obtain good health, use

It's good for everybody. It always cures.

HOSTETTER'S STOMACH BITTERS

WOMAN'S HOPE

The only hope for many weakly women is

Bradfield's Female Regulator

It is the one safe and sure cure in all stubborn and severe cases of Profuse, Irregular, Scanty or Painful Menstruation, Falling of the Womb, Leucorrhœa, Headache, Backache and Nervousness. It is a distinct remedy for the distinct ailments called "female troubles." Those are the diseases for which it should be taken. $1 a bottle at drug stores.

THE BRADFIELD REGULATOR CO., Atlanta, Ga.

The Strange Signs Explained.

Some years ago the inhabitants of a country town were rendered very uneasy by the appearance of strange signs on the bottom of their loaves of bread. One would bear a cross, another a Latin word, while a third would be embellished by a skull and crossbones.

At last one was delivered bearing this inscription: "Died September 13." The recipient took to her bed, believing it to be a warning of her demise on that date.

A doctor was called in, who immediately set to work to find a solution of the mystery. He soon succeeded. A cemetery near by had been recently leveled and some old stones piled away in a corner, whose inscriptions seemed obliterated. One of the church officials (a baker) cast covetous eyes on these and appropriated them to line his oven, thinking the stones most suitable, but here and there some marks remained, and when the soft dough was put in the oven became stamped in the bread.—Christian Endeavor World.

BLOOD CURE SENT FREE.

By addressing Blood Balm Co., Atlanta, Ga., and send two stamps any of our readers may obtain a sample bottle of their famous B. B. B.—Botanic Blood Balm, the greatest, grandest, best and strongest Blood Remedy made. Cures when all else fails, pimples, ulcers, scrofula, eczema, boils, blood poison, eating sores, distressing skin eruptions, cancer, catarrh, rheumatism. Free medical advice included when description of your trouble is given. This generous offer is worth while accepting. Sample bottle sent all charges prepaid. Large bottles, (containing nearly a quart of medicine) for sale by all druggists at $1 per bottle. B. B. B. is away ahead of all other Blood Remedies for curing blood humors. Try B. B. B. For sale in Asheville by Pelham's pharmacy.

An Architectural Ace of Clubs.

Midford castle, near Bath, England, was built about 200 years ago. The castle is of singular construction, being triangular and in the form of the ace of clubs, the angles being rounded off and embattled. A Mr. Roebuck, a great gambler, is said to have built the mansion with the proceeds of a night's gambling and by backing the run of luck of the club suit.

DeWitt's Little Early Risers expel from the system all poisonous accumulations regulate the stomach, bowels, and liver, and purify the blood. They drive away disease, dissipate melancholy, and give health and vigor for the daily routine. Do not gripe or sicken. Paragon Pharmacy.

A writer in The Celestial Empire declares that the governor of the Kirin district in China beheads over 500 criminals every year, and yet brigandage continues a scourge of the province.

"Holland" is said to be an abbreviation of "hollow land."

ECZEMA CURED BY B. B. B. SAMPLE BOTTLE FREE.

Have you itching, burning, scaly, crusted or pimply skin, blister containing pus or watery fluid, skin red, and an itching heat, with or without sores, on legs, arms, hands, neck or face? Then take B. B. B. which will cure, leaving the flesh free from blemishes, sores, eczema or itching of any kind.

Any form of eczema is due to diseased blood. Get the diseased blood out with B. B. B., and you are cured. B. B. B. is perfectly safe to take by old or young, and acts as a fine tonic, and cures when salves, washes and other remedies fail. Children are very frequently afflicted with eczema. Sores discharge and a yellow crust forms upon the skin. Give the child mild doses of B. B. B., and the sores will soon heal.

B. B. B. for sale by druggists at $1 per large bottle, inclose two stamps, address Blood Balm Co., Atlanta, Ga., and sample bottle of B. B. B. will be sent by return mail. B. B. B. for sale in Asheville by Pelham's Pharmacy.

DON'T DESPAIR!

An American Scientist's Great Work.

Consumption, Pneumonia, La Grippe, Asthma, Catarrh, Bronchitis and All Lung and Bronchial Troubles Can be Positively and Permanently Cured.

Dr. Slocum's System of Treatment Has Revolutionized Old-Time Theories.

A Free Course of Treatment for All Sufferers for the Mere Asking.

SCENE IN THE SLOCUM LABORATORIES, NEW YORK CITY.

The Doctor Demonstrating to Medical Men, Scientists, Statesmen and Students the Value of the New Slocum System of Treatment for the Permanent Cure of Lung Consumption, Catarrh and All Pulmonary and Wasting Diseases.

Do you cough?
Do your lungs pain you?
Is your throat sore and inflamed?
Do you spit up phlegm?
Does your head ache?
Is your appetite bad?
Are your lungs delicate?
Are you losing flesh?
Are you pale and thin?
Do you lack stamina?

These symptoms are proof that you have in your body the seeds of the most dangerous malady that has ever devastated the earth—consumption.

Consumption, the bane of those who have been brought up in the old-fashioned beliefs that this disease was hereditary, that it was fatal, that none could recover who were once firmly clasped in its relentless grip.

But now known to be curable, many so by the world-stirring discoveries of that man whose name has been given to this new system of treatment.

Now known to be preventable and curable by following and practising his hygienic teachings.

The new system of treatment will cure you of consumption and of all diseases which can be traced back to weak lungs as a foundation.

It is not a drug system, but a system of germ destruction and body building. Not guesswork, but science.

Not a step backward, but a stride out of the old ruts.

Made possible only by Pasteur's, Virchow's, Metchnikoff's and Slocum's latest discoveries in bacteriology, hygiene and therapeutics.

In plain English, a system of modern scientific disease curing.

The System consists of Four Preparations which act simultaneously and supplement each other's curative action.

You are invited to test what this system will do for you, if you are sick, by writing for a free treatment to the Slocum Laboratories, New York City.

WRITE TO THE DOCTOR.

Send your name and full express and postoffice address to the Slocum Laboratories, 98 Pine street, New York, and mention this paper, and the Four Free Preparations of medicine will be forwarded you.

The system is a positive cure for consumption, that most insidious disease, and for all lung troubles and disorders complicated by loss of flesh, Coughs, Catarrh, Asthma, Bronchitis, etc.

Thin, pale, weak people become fat and hearty by its use.

The test is to try it.

EDUCATIONAL CONVENTION AT LOS ANGELES

On account of the above occasion, the Nashville, Chattanooga & St. Louis railway will sell tickets to Los Angeles, California, and return under following conditions:

Rate—One first class fare for the round trip, plus $2.00 for membership fee. Half tickets may be sold to children between the ages of five and twelve at one-half the above rate, and should be marked, stamped or punched "Half," and for such half tickets membership fee will be $1.00. Above rates apply via direct routes going and returning.

Date of sale—June 24th to July 7th, inclusive, 1899. Ultimate destination of all tickets to be Los Angeles, California.

Limit—Going journey must commence on the date of sale as indicated by stamp of selling agent, and tickets limited within the territory East of the Mississippi and South of the Ohio and Potomac rivers, to strictly continuous passage in each direction. On going trip trip, passenger must arrive in Los Angeles not later than July 11th. Return journey to commence on date of validation at destination, passenger to reach original starting point not later than September 5, 1899. Return portion of ticket, from point of exchange, must be validated for return at gateway points from which they read.

Stop-over privileges—Stop-overs in either direction, within the transit limit, will be permitted west of and including El Paso Tex., Trinidad, Pueblo, Colorado Springs and Denver, Colorado, Cheyenne, Wyoming, and other points of corresponding location on trans-continental lines.

Form of tickets—Regular forms of round trip tickets, final until Sept. 5, 1899, to be sold to New Orleans, Memphis, St. Louis, Kansas City, Omaha, or St. Joseph in connection with Exchange Order, form QR, indorsement to be made on Exchange Order "INCLUDING N. E. A. MEMBERSHIP COUPON." See that your supply of form QR is sufficient.

Routes—The rate of one first class fare for the round trip, plus $2.00, applies by the same routes going and returning over which regular nine months Pacific Coast tourist's rates apply, or by such variable routes as are allowed under the regular nine month's tourist rate, with the following exceptions: For tickets reading one way, via any direct route, taking the short line one way, first class rate, and returning via Shasta route and Portland, add $12.50. For tickets reading via Denver and A. T. & S. F. Ry., through Barstow, El Paso, or Deming, and returning via Shasta route and Portland, add $17.50, and for tickets reading via the Union Pacific or A. T. & S. F. Ry., one way via Ogden and the other via Shasta route and Portland, add $17.50. These additional amounts to be paid where order is exchanged.

Side trips—Western lines have aranged for various side trips for holders of N. E. A. tickets, with but very little additional cost. Write for further information on this subject.

"What might have been"—if that little cough hadn't been neglected—is the sad reflection of thousands of consumptives. One Minute Cough Cure cures coughs and colds. Paragon Pharmacy.

DeWitt's Colic & Cholera Cure.
Quickly cures Dysentery and Diarrhœa.

NOTICE.

By virtue of power of sale vested in the undersigned trustee by a certain deed in trust executed by M. B. Bailey and wife R. E. Bailey, bearing date the 28th day of July, 1890, which deed in trust was duly registered in the office of the register of deeds of Buncombe county, North Carolina, in book No. 22, page 315 et seq., of the records of deeds of trust and mortgages of said county, to which reference is hereby mads, I will, on Wednesday July 19, 1899, between the hours of 12 o'clock m. and 1 p. m., at the front of the court house, in the city of Asheville, county of Buncombe and state of North Carolina, sell for cash to the highest bidder at public auction that certain piece or parcel of land situate, lying and being in the state of North Carolina, county of Buncombe and city of Asheville, being lot No. 19 in Lincoln park and bounded as follows:

Beginning at a stake in the south margin of Phifer street and 60 feet from its intersection with the eastern margin of Blanton street and runs thence with the said Phifer street south 85 degrees east 60 feet to the northwest corner of lot No. 18; thence with the western line of said lot No. 18, south 1 degree, 22 minutes west 150 feet to a stake in the northern line of lot No. 75; thence north 85 degrees west 60 feet to a stake in the south east corner of lot No. 20; thence with the eastern line of said lot No. 20, north 1 degree, 22 minutes east 150 feet to the beginning.

This June 19, 1899

J. E. DICKERSON,
Trustee.

EMPTY POLAND WATER BOTTLES WANTED.—Will pay 5 cents apiece for half-gallon size, delivered at Snider's store on the Square.—T. M. MITCHELL. 116-5

TAKE THE

C. H. & D.

—TO—

Detroit, Mich.

FOR THE

Christian Endeavor

ANNUAL CONVENTION

JULY 5 TO 10.

THREE SOLID THROUGH TRAINS

Daily from

CINCINNATI.

Rate one first class limited fare for the round trip. Tickets good going July 3 to 6, inclusive, with return limit of July 15th. Further extension to August 15 may be secured by depositing tickets with joint agent at Detroit. Insist on having your tickets read via this route.

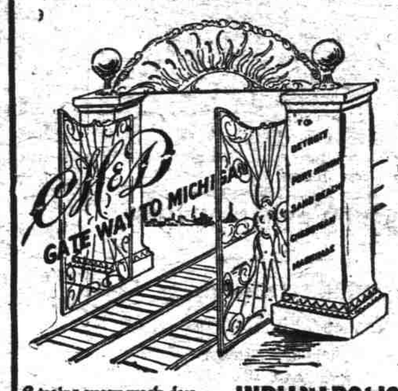
D. G. EDWARDS,
P. T. M. Cincinnati, Ohio.

When you go to Arkansas or Texas you can travel in comfort if you know how. Ask the ticket agent for a ticket via the COTTON BELT ROUTE and you can ride in a reclining chair car, without extra cost, and thus avoid the discomforts you would encounter in an ordinary car. The chairs are arranged so you can have a comfortable seat during the day and a good place to sleep at night. Each car is supplied with a ladies' dressing room and a gentlemen's smoker. You will not have to bother about changing cars, for these cars run through from Memphis and Cairo to Texas without change. Direct connections are made at Cotton Belt junctions with trains for all parts of Texas, Indian Territory, Oklahoma and the far West.

If you are thinking of taking a trip, write and tell us where you are going and when you will leave, and we will tell you how much your ticket will cost, what train to take so as to make the best time and connections, and anything else we can that will help make your trip a comfortable one. An interesting little booklet, "A TRIP TO TEXAS," will be mailed free to any address.

H. H. SUTTON,
Traveling Passenger Agent,
Read House Blk., CHATTANOOGA, TENN. (43)

E. W. LaBEAUME,
Gen'l Pass'r and Tkt. Agent,
ST. LOUIS, MO.



Four Fast Trains TO ...

CINCINNATI HAMILTON & DAYTON R.R. CH&D CINCINNATI INDIANAPOLIS CHICAGO DAYTON TOLEDO DETROIT

Toledo, Detroit

AND

MICHIGAN AND CANADA POINTS

4 trains every week-day, 3 trains on Sunday.

Pullman and Wagner Sleepers on night trains. Vestibuled Parlor Cars on day trains.

6 trains every week-day, 4 trains on Sunday To **INDIANAPOLIS**

4 trains every week-day, 3 trains on Sunday To **CHICAGO**

Vestibuled trains, Standard and Compartment Sleeping Cars, Parlor Cars, and Café Dining Cars.

"QUEEN OF SEA ROUTES"

TO—

Boston, Providence

AND

New England Resorts

IS VIA THE

Merchants' and Miners' Trans Co. Steamship Lines,

FROM

Norfolk Va

Steamers leave for Boston every Monday, Wednesday and Friday at 6 p. m. Leaves for Providence every Tuesday Thursday and Saturday at 6 p. m.

STEAMERS NEW, FAST AND ELEGANT.

Accommodations and Cuisine Unsurpassed. Send for illustrated folder.

R. H. WRIGHT, agt.,
Norfolk, Va.
T. C. WHITNEY,
Traffic Manager.
W. P. TURNER,
Gen. Pass. Agent.
General Offices, Baltimore, Md.

....THE....

Most Delightful Route

....TO....

NEW YORK

....AND....

NORTHERN and EASTERN SUMMER RESORTS

IS VIA THE

OLD DOMINION LINE

AND RAIL CONNECTIONS

ALWAYS COOL ON THE OCEAN

Fine ocean steamships leave Norfolk, Virginia, daily except Sunday and Friday at 6.30 p. m., for New York direct, affording opportunity for through passengers for the South, Southwest, and West to visit Richmond, Old Point Comfort, and Virginia Beach en route.

For tickets and general information apply to railroad ticket agents, or to M. B. CROWELL, agent, Norfolk, Va.; J. F. MAYER, agent, 1212 Main street, Richmond, Va.

W. L. GUILLAUDEU, Vice-Pres. and Traf. Mgr., New York, N. Y.

Chichester's English Diamond Brand.

PENNYROYAL PILLS

Original and Only Genuine. SAFE, always reliable. LADIES ask Druggist for Chichester's English Diamond Brand in Red and Gold metallic boxes, sealed with Blue Ribbon. Take no other. Refuse dangerous substitutions and imitations. At Druggists, or send 4c. in stamps for particulars, testimonials and "Relief for Ladies," in letter, by return Mail. 10,000 Name Paper. Chichester Chemical Co. Madison Square, PHILA., PA.

Sold by all Local Druggists

Atlanta and New Orleans Short Line.

Atlanta & West Point Railroad Company

AND

The Western Ry of Ala.

THE SHORT LINE BETWEEN ATLANTA AND NEW ORLEANS.

Operate magnificent vestibuled trains between Atlanta and Montgomery, Mobile and New Orleans, at which last point close and direct connections are made for

All Texas, Mexico And California Points,

In Addition to this Excellent Through Train and Car Service.

These railroads offer most favorable accommodations and inducements to their patrons and residents along their line. Any one contemplating a change of home can find no location more attractive nor more conducive to prosperity than is to be found on the line of these roads.

"THE HEART OF THE SOUTH."

A beautiful illustrated book giving detailed informaton as to the industries and attractions along these lines, can be had upon application to the undersigned, who will take pleasure in giving all desired information.

B. F. WYLY, Jr.,
Gen. Pass. and Ticket Agent.
Atlanta, Ga.
R. E. LUTZ,
Traffic Mgr.
Montgomery, Ala.
GEORGE C. SMITH, Pres. and Gen. Manager, Atlanta, Ga.

Finest Passenger Service

—IN—

TEXAS

THE T. AND P. RAILWAY

TEXARKANA SHREVEPORT TEXAS PACIFIC EL PASO NEW ORLEANS

"No trouble to answer questions."
Direct line to
TEXAS,
MEXICO,
ARIZONA,
CALIFORNIA.

Write for new book on Texas, free.
L. S. THORNE, V. P. and Gen'l Mgr.
E. T. TURNER, Gen'l Pass. and Ticket Agent. Dallas, Texas.

WE PAY $200

cash for a single stamp like cut! We pay $5 to $100 each for many postage stamps used between 1847 and 1870. Look up your old letters and those of your neighbors; you may find stamps worth thousands of dollars. Send to-day for FREE illustrated lists.

STANDARD STAMP CO., St. Louis, Mo.

CASTORIA

For Infants and Children.

The Kind You Have Always Bought

Bears the Signature of Chas. H. Fletcher.

SPECIAL RAILROAD RATES.

Special excursion rates offered by the Southern railway for the following occasions:

University of North Carolina Summer school for teachers, Chapel Hill, N. C.; tickets on sale June 17 to July 10 inclusive, final limit July 20; one fare for the round trip; rate from Asheville $8.05.

For full information, call on ticket agent or F. R. Darby, C. P. & T. A., Asheville, or R. L. Vernon, T. P. A., Charlotte, N. C.