

Special Correspondence.

POSITION OF

MARS

UR chart represents, as usual the aspect of the sky, and the position of the planets, visible

DURING MONTH OF JUNE -

RISES JUNE 191.10:30 P.M

RISESJUNE 301 8:30P.M

PLANET IS NOW

RETROGRADING

The aspect of the sky, and the position of the planets. visible at 7 o'clock at the beginning of the month; 8 o'clock in the middle, and 9 o'clock at the end. With the aid of the star and planet finder the read-er can set the chart for any other hour that may be desired, placing the plan-ets and the moon, in their proper po-sition by means of the tables. The two planets particularly interesting are Ju-piter and Mars, especially the latter on accounts of its approach to an import-ant opposition to the sun. Jupiter now sets so early that the phenomena of its satellites cannot be well observed af-ter the middle of June. Jupiter will be in conjunction with the sun one month later, on July 15, after which date it will become a morning star. In the meantime Mars will continue to rise earlier and earlier, advancing to-ward the west with the general revolu-tion of the heavens, until it comes in-to opposition to July 7, when it will be seen exactly on the meridian in the south at midnight. At the same time it will draw nearer to the earth, shun-ing brighter and brigher as the weeks pass. Already it is the most conspicu-ous object in the eastern part of the sky during the first half of the night. Its decided red that gives it a glaring appearance, which immediately arrests attention. Ike a read signal lantern, The cause of its ruddy color is found in the characteristic hue of its sur-face, which may be likened to the red soil prevalent in northern New Jer-sey, and other parts of the country where the ground is composed of tri-urated red sandstone. It is possible that all the land on Mars is of this character. Some astronomers have suposed that the vegetation on Mars imay also be red instead of green, as upon the earth. But there are like-wise broad, dusky, or neutral timed

Ablarts SOUTH than two degrees apart. Mercury being than two degrees apart, Mercury being the further north. During the latter half of the month. Mercury will be visible as an evening star. It reaches its greatest elongation east of the sun on the 27th. The Sun enters the Sign Cancer and the astronomical summer begins on the 22nd. The most beautiful constellations in

225 PATH OF PLANETS DIO

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the southern part of the sky in the

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HYDRA

CENTAURUS

CONTRACT OF STATES

HANDLE OF THE LITTLE DIPPER.

BOWL OF THE BIG DIPPER POINTS TO THE NORTH STAR_

THE STAR AT THE END OF THE

June evenings are Leo, Corvus and Virgo. The "Sickle" of Leo is seen west of the meridian; then much lower in the south appears the striking quadrilateral of Corvus, and directly south, at a convenient elevation for observation is Virgo with the brilliant Splca, its brightest star, glowing like a diamond of the purest water. Splca, which ap-pears as a single star in the most pow-"spectroscopic binaries," because the companion body is dark and its pres-ence is revealed only by the shifting lines in the spectrum, the motion of the lines being caused by the alternate approach and recession of the bright star as it swings round with its in-visible companion. But the ordinary

THE ARROW THROUGH

THE TWO STARS IN THE

spectator, having no telescope and no spectroscope at command, will never-theless be interested in the extreme beauty of Spica, a scintillating point of the purest while light. Its brilliancy combined with its great distance proves that it is one of the most powerful radiant bodies in the universe. In a former article I have described the dou-ble star Gamma Virginis, which may be seen double with any amateur's tele-scope. It is 10 degrees west of Spica and is exactly on the Equator of our map.

Scope, It is to degrees west of Spica and is exactly on the Equator of our map. Away over in the Southeast appears one of the most remarkable of the constellations. Scorpio, marked by the presence of a brilliant red star of the first magnitude—Antares. This also is a double, which may be separated with a felescope of four inches aperture. The small companion star is of a rich green color, contrasting beautifully with the red hue of its greater neighbor. But it can be better seen in July when it is hearer the metidian and farther removed from the dists and the unsteady at ret the heater. High overhead, following the handle of the Great Dipper, is the splendid constellation Rootes, represented in some of the old pictured charts of the heater and apparently chasing Ursa Major (the Great Beightes). For this reason is often called the Bort Diplet, is the splendid constellation and one of the brightest star in the constellation and one of the brightest is the best between whole sky, is Arcturus, to which special marked by Arcturus, splea and Denebola (or Bat of Bort, whole sky, is Arcturus is somewhat more than 20 degrees.
East of Bootes shines the circle of the bas of a brightest in the former marked the apprendiation of the brightest shift be been and apparently chasing the archive the heat of the brightest is the splender of the arcture is somewhat more than 20 degrees.
East of Bootes shifts the circle of the Northern Crown (Corona Borealis), and in the northeast with resplendent rays gillters the beautiful Vega in the constellation the with handle in the constellation the shift way be up and the presented in the northeast with part of the ortheast with resplendent rays gillters the beautiful Vega in the constellation the northeast with part of the ortheast with andle in the northeast with andle in the northeast with resplendent rays and cassiopela is low upon the horizon in the north.

Mis. S. Joyce, 180 Suillyan St., Clara and, N. H., writesi "About a year aga ought, two bottles of Foloy's Kidne 'are It clired me of a severe case o dency trouble of several years' stand or 3t certainly is a grand, good med ine, and I heartily recommend it." Fo substitutors." Hill Drug Co

ODD FACTS FROM ODD PLACES.

Japan has a written history extending over 2,500 years.

The wood used in the best planos has been seasoned 40 years.

Cornish miners believe that it is un lucky to whistle underground.

In Samoa nearly all babies are taugh o swim before they are 2 years old.

China raises and consumes more duck than any other country in the world.

The first American oil well was found



The biggest farms in the world are in South Australia, where the average squat-ter holds 13,000 acres.

It is estimated that nearly 4,000 acress of cedar frees are cut down annually to provide the material for load pencils.

The pigeon and turkey have each a satural temperature of 100 degrees, which s 10 degrees higher than man's natural emperature.

Thomas Blanket, who invented the bed-overing called by his name, was one of arce which brothers who settled at

Cinchona, or quinine, takes its name tens size sizerais of tinchon, viceroy of Peru, whose wife was cured by this rem-dy of fever,

The great Austrian salt mine st Weil-rzka has soo miles of galleries and em-loys 9.000 miners. It has been worked or the pust six centuries.

There are more ablebodied men to the otal population in the western states of he United States and Canada than any-shere else in the world.

The age of whiles is ascertained, the size and number of lambae of t whatebone, which increases yearly. At of 300 and 400 years have been assign to whates from these indications,

In fasting feats the sect of Jairs in indian is far ahead of all rivals. Fasts of from 30 to 40 days are very common, and once a year they are said to abstain from food for 76 days. A remarkable and round in Mexico is the bee marin, which has a trick of rulfing up the feathers on the top of its head fatto the exact semblance of a becu-tiful flower, and when a bee comes along to sip honey from the surposed flower it is snapped up by the bird.

The most famous cavairy of antiquity were the Pathians. Their invasion of Judaea, 40 B. C., resulted in such terri-ble devastation of the country that a hundred years later the terrors of the Parthian invasion gave the Apostle John the idea for one of his most vivid pic-tures.

People marvel at the mechanism of the human body, with its 245 bones and 40 artories. But man is simple in this re-spect compared with carp. That remark-able fish moves no fewer than 4,365 bones and muscles every time it breathes. It has 4,320 velns, to say nothing of its for muscles.

muscles.

The Innocent Joys of Youth.

"Gracious, Fanny!" exclaimed a moth-to her little daughter, "why are you buting like that? Why can't you be det like your brother?" "He's got to be quiet." replied Fanny. He's playing papa coming home late." "And who are you playing?" "Oh. I'm playing you."-Harper's Week-

Hu

DISTURBED THE CONGREGATION. disturbed the congrega-by continually coughing ouy a bottle of Foley's For sale by F. J. Hill ever substitutors."

their manufacture. Made by CHARLES A. EATON COMPANY, Brockton, Mass. For NICOL'S

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ICE



SPRING STYLES

READY

that has made Craw-

fords famous is very

apparent in this full

All of our button

That Custom Look

dress shoe.

styles fit perfectly over the in-

step and around the ankle, as

patterns designed especially

for Crawfords are used in

may note that the vector of green, as involved to be each of green, as proven that earth. But there are like-regions on Mars, some of which occa-sionally exhibit a green the or bulish hue. These were, not many years ago, believed to be seas and occans, but the prevailing optition, at the pres-ent since, is that no considerable bodies of water exist on Mars, and that the dark colored digricits possibly repre-ent expanses of vegetation of a color resembling that of our fields. Around each pole of Mars which leans to-white, supposed to be snow. It is the southern pole of Mars which leans to-ward the earth now, the northern pole on their visible to us. With a tele-southern pole of Mars which leans to-ward the earth now, the northern pole on the earth now, the northern pole on the south polar snow cap, and those who watch if attentively during the souther will observe that it gradually diminishes in extent. This, in itself, seens to prove that the white sub-stance is snow, which molets as the wint watch if a tientively during the southern polar snowfields disappear-ing which heat upon it. It is a pro-cess precisely analogous to that which and power one may see a few of the dark regions above mentioned, some of which have characteristic shapes that remain unchanged from year to year, resembling the outlines of seas and contents upon a chart of the earth which have characteristic shapes that remain unchanged from year to year, resembling the outlines of seas and intens upon a chart of the earth which as mall the large observa-tion this is stuated so fars south in de-dark regions above the southern for a small the south and the interior. But for ordinary observa-tion his is thatied so far south in de-lation. The is stuated so far south in de-dark to for the maked-eye observa-tion his is no great disadvantage, and, in seas a dvantage, since the planet. It even a dvantage, since the planet, i



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