## PHENOMENA OF THE PLANETS FOR 1854.

January 10, ① perigee; 6, ♀ brilliant; 15, ¾ Ӽ і 16, № stat.; 18, Ӽ stat.: 24, Ӽ brightest; 26, Ӽ stat. @ lowest; 28, № □ ②. Feb. 5, Ӽ stat.; 8, Ӽ sup. Ӽ ⊙; 9, ♠ highest; 13, Ӽ □ ⊙; 19, Ӽ Ӽ ♀; 26, Ӽ ϩ ⊙; 27, Ӽ brightest; 28, ♀ inf. Ӽ ⊙. March 6, Ӽ gr. elong. E.; 8, ♠ highest; 13, Ӽ stat.; 19, ♀ stat.; 22, ♠ lowest; 23, Ӽ inf. Ӽ ⊙. April 4, ♠ highest; 5, ♀ brightest; 10, Ӽ stat.; 16, ¼ □ ⊙; 18, ♠ lowest; 20, Ӽ gr. elong. W. May 3, ң Ӽ ⊙; 9, ♀ gr. elong. W.; 15, ¼ stat. ♠ lowest: 26, ⊙ eclipsed, Ӽ Ӽ ⊙; 28, Ӽ sup. Ӽ ⊙; 29, ♠ highest. June 2, Ӽ □ ⊙; 17, ♀ Ӽ ℍ; 25, ♠ highest. July 3, Ӽ gr. elong. E.; 11, ♀ Ӽ Љ; 15, ¼ Ӽ ⊙. ¼ brightest; 22, ♠ highest; 30, Ӽ inf. Ӽ ⊙. Aug. 9, ℍ □ ⊙, Ӽ stat.; 18, gr. elong. W.; 19, ♠ highest; 22, ℍ stat. Sept. 2, ♠ lowest; 8, Љ □ ⊙; 12. Ӽ sup. Ӽ ⊙; 13. ¼ stat.; 15, ♠ highest; 28, Љ stat.; 29, ♠ lowest. Oct. 12, ¼ ζ ⊙, ♠ highest; 26, ♠ lowest; 28, Ӽ gr. elong. E. Nov. 7, ℍ ⊗ ⊙; 9, ♠ highest; 19, Ӽ inf. Ӽ ⊙; 21, Ӽ Ӽ ♀; 23, ♠ lowest; 28, Ӽ stat. Dec. 4, Ϧ ⊗ ⊙; 6, Ӽ gr. elong. W., ♠ highest; 13, ♀ sup. Ӽ ⊙; 20, ♠ lowest.

Characters.—(\*) Sun; Moon; Mercury; Venus, Earth; Mars; Mupiter; Saturn; Herschel; Conjunction; Quadrature; Opposition; Ascending Node; Obescending Node.

Signs of the Zodiac.— $\varphi$  Aries, head;  $\aleph$  Taurus, neck:  $\Pi$  Geminizerns;  $\varpi$  Cancer, breast;  $\aleph$  Leo, heart; m Virgo, belly;  $\simeq$  Librareins; m Scorpio, secrets;  $\gamma$  Sagittarius, thighs;  $\wp$  Capricornus, knees;  $\wp$  Aquarius, legs;  $\wp$  Pisces, feet.

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This year

I. A parti

II. An ar Visible prin limb, through At Saint Joh 10.75 digets will be little place be enti bright ring This ring wi only in the v is central in and in longi positions upo and countrie discovered. and extend a about 100 m near the Car sunset in lor touches the ends at suns 28° 29' nort July 2d, sinc

III. There Nov. 4, in the greatest echip rises, through

It occurred in again in June

IV. There invisible in N and Atlantic in size.

MO

Mercury w March 23; the 30; then mothen morning