

*E* Maxima.  
o 1908 Juin 20  
i Oct. 15

Minimum.

*E* = o 1908 Avril 22

La durée de période est voisine de 117 jours, et les éléments provisoires sont:

Min. 1908 Avril 22 } + 117<sup>j</sup> *E*  
Max. 1908 Juin 20 }

St. Genis-Laval, 24 octobre 1908.

ou Min. 2418054 } + 117<sup>j</sup> *E*.  
Max. 2418113 }

La courbe de lumière basée sur ces éléments montre que la diminution et l'augmentation d'éclat sont sensiblement aussi rapides l'une que l'autre; les intervalles des points tropiques sont en effet:

$$M - m = 58^j$$

$$m - M = 59^j.$$

Les éclats extrêmes sont approximativement 8<sup>m</sup>.3 et 10<sup>m</sup>.6.

*M. Luizet.*

### New variable star 127.1908 Aquarii.<sup>1)</sup>

To the list of variable stars ought to be added BD +0°47'16 (9<sup>m</sup>.3), whose position for 1855.0 according to the BD is

RA. = 21<sup>h</sup> 15<sup>m</sup> 40<sup>s</sup>.0  
Decl. = +0° 13'.0.

On several occasions in July and August of this year I looked in vain for this star with a three-inch refractor,

Northrig, Haddington, Scotland, 1908 Oct. 31.

although I could always see a 9<sup>m</sup>.8 star not included in the BD whose approximate position for 1855.0 is 21<sup>h</sup> 15<sup>m</sup> 20<sup>s</sup> +0° 24'. To-night, however, the variable outshines not only that star but also BD +0°47'17 and 47'18, whose magnitudes may be estimated as 9.6 and 9.4 respectively. It is 0<sup>m</sup>.2 brighter than 47'18.

*Thomas D. Anderson.*

<sup>1)</sup> Vergleiche das weiter vorn stehende Harv. Circ. 142. Der Variable ist von Argelander 1853 Okt. 25 als 9<sup>m</sup>.6 im Meridian beobachtet:  $\alpha = 21^h 15^m 41^s.47$   $\delta = +0^\circ 13' 15''.6$  (1855.0) (Bo VI). In den Harvard-Zonen von 1852 Nov. 11 und 30 (Harv. Ann. I part II p. 88), die einzelne Sterne bis 13<sup>m</sup> enthalten, fehlt er. Auf der photographischen Himmelskarte Algier +1° Nr. 160 von 1893 Sept. 15 ist er höchstens 11<sup>m</sup>, während +0°47'17, +0°47'18 und Andersons Stern 9<sup>m</sup>.8 etwa in den angegebenen Helligkeiten vorhanden sind. *Kb.*

### The variable SS Cygni.

The variable star SS Cygni, 213843, has been undergoing remarkable changes during the past month. On Sept. 15 it had reached a maximum of 8<sup>m</sup>.3, of the type known as anomalous. On Oct. 6 it had decreased to 11<sup>m</sup>.0, and on Oct. 12 it was increasing in brightness and of the magni-

tude 10<sup>m</sup>.5; while on Oct. 19 it appears to have attained the magnitude 10<sup>m</sup>.0. In other words, the variable had not reached its usual minimum magnitude, 11<sup>m</sup>.8, before it started to increase again.

Harvard College Observatory, Cambridge, Mass., 1908 Oct. 20.

*Edward C. Pickering.*

### Photographische Aufnahmen von kleinen Planeten.

Planet	1908	M. Z. Kgst.	$\alpha$ (1908.0)	$\delta$ (1908.0)	Tägl. Beweg.	Gr.	Beobachter
(540) Rosamunde	Nov. 1	12 <sup>h</sup> 30 <sup>m</sup> 5	2 <sup>h</sup> 53 <sup>m</sup> 0	+13° 3'	-1 <sup>m</sup> 0 -5'	12 <sup>m</sup> 6	<i>A. Kopff</i>
1908 ER (neu)	"	"	3 0.7	+11 45	-0.9 -1	13.0	"
(157) Dajánira	"	"	3 0.8	+9 35	-0.9 +1	12.8	"
1908 ES (neu)	"	"	3 7.2	+11 11	-1.0 -2	13.2	"

Astrophysikalisches Institut Königsstuhl-Heidelberg, 1908 Nov. 3.

*M. Wolf.*

**Pianeta 1908 EP.** 1908 Nov. 5 6<sup>h</sup> 44<sup>m</sup> 25<sup>s</sup> Roma C. R.  $\Delta\alpha = +1^m 58^s.29$   $\Delta\delta = +1' 0''.1$  Cfr. 10, 2  $\alpha$  app. = 1<sup>h</sup> 51<sup>m</sup> 39<sup>s</sup>.92 (9.620<sub>n</sub>)  $\delta$  app. = +1° 8' 43".1 (0.763) Red. ad l. app. = +2° 72' +14".8 Grandezza 10<sup>m</sup>.1. Stella di confronto 1908.0: 1<sup>h</sup> 49<sup>m</sup> 38<sup>s</sup>.91 +1° 7' 28".2 AG Nic 379. Il moto attuale è -55".86 +1".1. *E. Millosevich.*

(17) **Thetis.** Korrektion der Ephemeride (B. J. 1910): 1908 Okt. 24 -10° 08' -41".0. *W. Luther.*

**Adressenänderung.** Dr. G. Lewitzky, Kurator des Wilnaschen Lehrbezirks, bittet für ihn bestimmte Sendungen zu richten nach Wilna, Rußland.

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