Beobachtungen von kleinen Planeten.

Am Astrophysikalischen Observatorium auf dem Königstuhl.

1901 GQ	Sept. 22	12 ^h 52 ^m 4	M. Z. Heid.	$\alpha = 22^{\text{h}} 10^{\text{m}} 9$	$\delta = + 4^{\circ} 44'$	<i>Wolf</i>
1901 GT	» 19	10 50.4	» »	$= 22 \quad 8.5$	$= + 3 \quad 29$	<i>Wolf</i>
» »	» 22	12 52.4	» »	$= 22 \quad 6.8$	$= + 3 \quad 14$	<i>Wolf</i>
1901 GU	» 21	13 44.6	» »	$= 0 \quad 25.1$	$= + 18 \quad 3$	<i>Carnera</i>

Am 13 zöll. Refractor der Sternwarte zu Königsberg von Prof. H. Struve.

Planet	1901	M. Z. Kön.	α app.	δ app.	Vergleichstern
1901 GT	Sept. 22	11 ^h 24 ^m 11 ^s	22 ^h 6 ^m 48 ^s 80	+ 3° 11' 0".3	AG. Alb. 7716
» »	» 23	9 57 10	22 6 18.26	+ 3 4 31.3	AG. Alb. 7693
1901 GU	» 23	11 38 10	0 23 46.35	+ 17 53 14.5	AG. Berl. A. 118
» »	» 24	11 26 17	0 23 3.87	+ 17 47 17.8	AG. Berl. A. 92

1901 GT 12. Grösse, 1901 GU 11. Gr., auch bei Mondschein leicht zu beobachten.

The Spectrum of Nova (3.1901) Persei on Aug. 24, 27, and Sept. 5.

All the hydrogen lines are now relatively weak, excepting the doubtful line $H\epsilon$.

Line 500.7 $\mu\mu$ is much stronger than $H\beta$ or $H\gamma$, and of the same great width.

Line 495.8 $\mu\mu$ is also a prominent broad band.

Line 471.8 $\mu\mu$ has grown from a thin weak line into a strong band, with a stronger line λ 471.3 (Helium) at its edge.

Line 468.8 $\mu\mu$ is represented by a rather weak band covering 4.0 $\mu\mu$, with a weaker centre. It is crossed by four strong lines, the strongest being the line 471.3, which is just overlapped by both bands, 471.8 and 468.8. But more probably there are here two bands at λ 470 and 467 approximately.

Line 464.0 $\mu\mu$ has fallen off in brightness like the hydrogen lines.

Line 436.4 $\mu\mu$ is now a very prominent band, considerably stronger than its neighbour $H\gamma$. The two bands overlap a line which is stronger than the sum of the two intensities. The same formation appeared on April 16. But now the band (436.4) is crossed by three other bright lines.

Line 396.9 $\mu\mu$ $H\epsilon$? is as strong as all the other hydrogen lines put together.

Line 386.9 $\mu\mu$ is stronger than 396.9.

All these are broad with sharp edges, except 471.8 which shades off on the red side.

The structure of the bands 396.9 and 386.9 is very remarkable. Both are crossed by four strong lines of the same relative intensities and at the same intervals.

Line 436.4 is crossed by four lines symmetrically with those of 396.9 and 386.9.

Stonyhurst College Observatory, 1901 Sept. 9.

W. Sidgreaves.

Confirmation of the Variability of 68.1901 Persei.

This star (BD. +43° 726) was announced to be variable in the A. N. 3698, p. 29, upon the evidence of photographic plates. The variability is confirmed by the following visual observations, which indicate a maximum in April 1901:

March 5, 13: 8^m 3; April 11, 17, 26, 29: 8^m 0; June 19: 8^m 7; June 24: 8^m 9; July 15: < 9^m 0.

Since this variable is on our »Second Chart and Catalogue« for observing Nova Persei, it can very conveniently be observed with the latter.

Georgetown College Observatory, 1901 July 22.

J. G. Hagen, S. J.

Berichtigungen zu Nr. 3709 Bd. 155 pag. 207 Z. 14 v. o. unter März 25 lies: α und ν Persei | < 4^m 5 | zuerst klar, dann Wolken.

» 3722 » 156 » 21 Z. 5 v. u. statt: 1901 lies: 1900.

» » » » » 21 Z. 2 v. u. statt: 1901.0 lies: 1900.0.

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