

ÖSTERREICHISCHE AKADEMIE DER WISSENSCHAFTEN  
PHILOSOPHISCH-HISTORISCHE KLASSE  
DENKSCHRIFTEN. 299. BAND

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ASTRONOMICAL  
DIARIES AND RELATED TEXTS  
FROM BABYLONIA

Volume V

Lunar and Planetary Texts

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VERLAG DER ÖSTERREICHISCHEN AKADEMIE DER WISSENSCHAFTEN  
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No. 6 (BM 38462) Obv.



No. 6 (BM 38462) Rev.

6	BM 38462	Obv. I, 1	-603 Jun 13	Lunar	Prediction	
		Obv. I, 2	-603 Dec 6	Lunar	Prediction	
		Obv. I, 3	-602 May 3	Lunar	Prediction	
		Obv. I, 4-6	-602 Oct 27	Lunar	Observation	
		Obv. I, 7	-601 Apr 22	Lunar	Prediction	
		Obv. I, 7	-601 Oct 17	Lunar	Prediction	
		Obv. I, 8-10	-600 Apr 11	Lunar	Observation	
		Obv. I, 11	-600 Oct 5	Lunar	Prediction	
		Obv. I, 12	-599 Mar 31	Lunar	Prediction	
		Obv. I, 12	-599 Sep 24	Lunar	Prediction	
		Obv. I, 13-15	-598 Feb 20	Lunar	Observation	
		Obv. II, 1-2	-594 Nov 27	Lunar	Observation	
		Obv. II, 3-4	-593 May 23	Lunar	Observation	
		Obv. II, 4	-593 Nov 17	Lunar	Prediction	
		Obv. II, 5	-592 May 12	Lunar	Prediction	
		Obv. II, 5	-592 Nov 5	Lunar	Prediction	
		Obv. II, 6-7	-591 Apr 2	Lunar	Observation	
		Obv. II, 8	-591 Sep 26	Lunar	Prediction	
		Obv. II, 9	-590 Mar 22	Lunar	Observation	cf. BM 32234 (Eclipse Text)
		Obv. II, 10	-590 Sep 15	Lunar	Prediction	cf. BM 32234 (Eclipse Text)
		Obv. II, 11'	-589 Mar 12	Lunar	Prediction	cf. BM 32234 (Eclipse Text)
		Obv. II, 12	-589 Sep 4	Lunar	Prediction	
		Obv. II, 12	-588 Feb 29	Lunar	Prediction	
		Obv. II, 13	-588 Jul 25	Lunar	Prediction	
		Obv. II, 14-15	-587 Jan 19	Lunar	Observation	
		Obv. II, 16	-587 Jul 15	Lunar	Prediction	
		Obv. II, 17-18	-586 Jan 8	Lunar	Observation	
		Rev. III, 1'-2'	-579 Feb 19	Lunar	Observation	
		Rev. III, 3'	-579 Aug 15	Lunar	Observation	
		Rev. III, 4'	-578 Feb 8	Lunar	Unclear	
		Rev. III, 5'	-578 Aug 4	Lunar	Prediction	
		Rev. III, 5'	-577 Jan 28	Lunar	Prediction	
		Rev. III, 6'	-577 Jun 25	Lunar	Prediction	
		Rev. III, 6'	-577 Dec 19	Lunar	Prediction	
		Rev. III, 7'-9'	-576 Jun 14	Lunar	Observation	
		Rev. III, 10'-12'	-576 Dec 8	Lunar	Observation	
		Rev. III, 13'-14'	-575 Jun 3	Lunar	Observation	

**No. 6**

BM 38462 (= 80-11-12.345)

Listed as LBAT \*1420

Photo: Pl. 3

Reports of lunar eclipses. reign of Nebukadnezar II.

Oby.ʹ

I

1 [Year 1 of Nebukad]nezar. Month III, omitted.

2 [Month IX.] omitted.

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3 [Year 2. Month II,] (after) 5ʹ (months), omitted. Month VI was intercalary.

4 [Month VII, the 1]4thʹ, 1 2/3 *bēru* 5°, variant 1 1/2 *beru*, after sunset.

5 it began in the [...] north; half was covered. In the north and west it began

6 [to cl]ear [1] 1/2 *bēru* onset and clearing. The west wind blew.

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7 [Year 3.] Month I, omitted. Month VII, omitted.

---

8 [Year 4. M]onth I, the 13th, middle watch, 3 *bēru* 5° after sunset.

9 it began in the west and north. Three quarters

10 [was covered.] It cleared in the north. The north wind blew.

11 Month VII, omitted.

---

12 [Year 5. Month I, omitted.] Month VI<sub>2</sub>, om[itted.]

13 [Month XI,] (after) 5 months, 3 1/2 *bēru* after sunset.

14 [...] two-thirds was covered. In the south it was covered. In the west? [it cleared.]

15 [Inʹ] its eclipse, .... [...]

---

16 [...] .... [...]

II

1 Month VIII, [...] .... [...]

2 It cleared [in the west] and south [...] 2/3 *bēru* after [sunsetʹ]

---

3 Year 11. Month II, [...] 10° after sunset it began

4 it was total, and 10ʹ [...] Month VIII, omitted. Month XII was intercalary.

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- 5 Year 12. Month [I. omitted.] Month VII. omitted.  
 6 Month XII. the 15th. 10' [.... nn]<sup>o</sup> after sunset [....]  
 7 1 *bēru* 6° onset [and clearing.]
- 
- 8 Year 13. Month VI. [omitted.]  
 9 [Month XII. the 1]4th. it came out eclipsed. 1 *bēru* 10° [....]
- 
- 10 [Year 1]4. [Month] VI. [omitted.]  
 11 [Month XII. omitt]ed .... Month XII [was intercalary.]
- 
- 12 [Year 1]5. Month V. [omitt]ed. Month X[I. omitted.]
- 
- 13 [Year] 16. Month IV. [omitted.]  
 14 [Month X.] the 14th. morning watch. <sup>2</sup>/<sub>3</sub> *bēru* before sunrise'.  
 15 half of it was covered. [It set] eclipsed.
- 
- 16 [Year] 17. Month IV. [omitted.]  
 17 [Month] X. the 13th. morning watch. 1 *bēru* 5° [before sunrise']  
 18 all of it was covered. [It set eclips]ed.

Rev.

III

- 1' [....] .... [....]  
 2' .... beginning of night. onset [....]
- 
- 3' Year 25. Month V. 1 ½ *bēru* after sunset.  
 4' Month XI. evening watch. onset.
- 
- 5' Year 26. Month V. omitted. Month XI. omitted. Month XII was intercalary.
- 
- 6' Year 27. Month III. (after) 5 (months). omitted. Month IX. omitted.
- 
- 7' Year 28. Month III. the 14th. ....  
 8' [....] .... [....] finger remaining  
 9' [.... nn]<sup>o</sup>. it set eclipsed.  
 10' [Month IX. the 1]5th'. 3 ½ *bēru* after sunset.  
 11' it began [in] the east. All of it was covered.  
 12' It cleared' in the west'. [nn] *bēru* onset and clearing.
- 
- 13' Year 29. [Mon]th II. the 14th. [....]  
 14' 1 *bēru* 10° before sunrise.  
 15' [....]

## Comments

For the dates of the eclipses, see Appendix.

! 3: the sign transliterated as  $\bar{o}$  looks like  $\check{s}\acute{a}$ .

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II 1f.: Eclipse of -594 Nov 27. The moon rose eclipsed.  $\frac{2}{3}$  *bēru* could refer to the time until the end of the eclipse.

9: Here too, 1 *bēru* 10° is the time from moonrise to the end of the eclipse.

III 12: the tablet has *šá* PA instead of 4 ZÁLAG.