

## Appendix G: Details of the observing campaigns

Table G.1: Details of photometric observations in the lightcurve campaign

Date	$N_{lc}$	$\lambda$ [deg]	Phase angle [deg]	Observer	Site
215 Oenone					
2009 Apr 7	1	226	10	F. Pilcher	Organ Mesa Observatory, NM, USA
2013 Jan 12 - 2013 Mar 7	13	165 - 172	1 - 17	Pilcher (2013)	Organ Mesa Observatory, NM, USA
2015 Oct 6	1	8	2	M.-J. Kim, Y.-J. Choi	SOAO, South Korea
2015 Oct 1 - 2015 Oct 3	2	9	0 - 1	W. Ogłóza	Suhora, Poland
2015 Nov 2 - 2015 Nov 24	2	3 - 4	13 - 18	M. Butkiewicz, R. Hirsch	Borowiec, Poland
2015 Nov 8	1	3	15	P. Kankiewicz	Kielce, Poland
2016 Nov 15	1	117	18	A. Rutkowski	Suhora, Poland
2016 Dec 9 - 2016 Dec 30	8	113 - 116	5 - 13	T. Polakis, B. Skiff	Tempe, AZ, USA
2017 Feb 15	1	104	14	A. Marciniak	Borowiec, Poland
2018 Feb 19	1	209	17	V. Kudak	Derenivka, Ukraine
2018 Mar 1	1	209	15	W. Ogłóza	Suhora, Poland
2018 Mar 12 - 2018 Apr 12	2	202 - 208	0 - 12	M.-J. Kim, D.-H. Kim	SOAO, South Korea
2018 Mar 29	1	205	6	M.-J. Kim, D.-H. Kim	Mt. Lemmon Observatory, USA
2018 Apr 4 - 2018 May 10	7	197 - 204	1 - 11	B. Skiff	Lowell Observatory, AZ, USA
2018 Apr 22 - 2018 May 8	2	197 - 200	4 - 11	R. Hirsch, J. Skrzypek	Borowiec, Poland
2019 Jul 7 - 2019 Aug 25	8	298 - 307	6 - 12	-	Montsec, Catalonia, Spain
2019 Jul 31 - 2019 Aug 24	3	298 - 302	2 - 12	W. Ogłóza	Adiyaman, Türkiye
2020 Sep 15 - 2020 Sep 16	2	58	20	R. Szakáts	Piszkéstető, Hungary
2020 Sep 17 - 2020 Nov 8	5	52 - 58	2 - 19	W. Ogłóza	Adiyaman, Türkiye
2020 Sep 27	1	58	17	E. Pakštienė	Molėtai Astronomical Observatory, Lithuania
2020 Oct 19	1	56	10	M.-J. Kim, D.-H. Kim	SOAO, South Korea
2020 Oct 28	1	55	7	W. Ogłóza	Suhora, Poland
2021 Nov 8 - 2021 Dec 1	11	147 - 152	20	-	TESS spacecraft
2022 Apr 17 - 2022 Apr 20	2	140 - 141	19	R. Szakáts	Piszkéstető, Hungary
279 Thule					
1984 Aug 21 - 1984 Aug 23	3	317	3	Zappalà et al. (1989)	ESO, La Silla, Chile
2008 Mar 27 - 2008 May 3	5	199 - 205	1 - 7	Pilcher (2014)	Organ Mesa Observatory, NM, USA
2008 May 9 - 2008 May 29	7	197 - 199	7 - 11	D. Higgins	Hunters Hill Observatory, Australia
2010 Jun 9 - 2010 Jul 2	9	297 - 300	4 - 9	Warner et al. (2010)	Palmer Divide Observatory, CO, USA
2010 Jun 10 - 2010 Jun 14	4	299 - 300	8 - 9	D. Higgins	Hunters Hill Observatory, Australia
2012 Dec 11	1	20	11	T. Santana	OT, Tenerife, Spain
2013 Nov 8 - 2013 Nov 11	4	74	6	Pilcher (2014)	Organ Mesa Observatory, NM, USA
2014 Dec 13 - 2015 Mar 24	19	112 - 122	1 - 13	Marciniak et al. (2016)	Montsec, Catalonia, Spain; Organ Mesa Observatory, NM, USA; Winer, AZ, USA; Bisei, Ibara, Japan
2014 Dec 30 - 2015 Feb 14	9	116 - 120	1 - 5	Pilcher (2015)	Organ Mesa Observatory, NM, USA
2015 Mar 25	1	112	13	S. Urakawa	Bisei Spaceguard Center, Ibara, Japan
2016 Jan 12 - 2016 Mar 2	3	164 - 169	1 - 11	F. Pilcher	Organ Mesa Observatory, NM, USA
2016 Jan 19 - 2016 Mar 13	3	162 - 169	3 - 10	A. Marciniak, P. Kulczak, R. Hirsch	Borowiec, Poland
2016 Jan 31	1	168	8	S. Geier	Cerro Tololo, Chile
2016 Mar 2	1	164	1	S. Urakawa	Bisei Spaceguard Center, Ibara, Japan
2016 May 26	1	160	14	K. Kamiński	Winer, AZ, USA
2017 Apr 28 - 2017 May 27	4	204 - 208	2 - 9	M.-J. Kim	SOAO, South Korea
2017 Apr 30	1	207	3	K. Żukowski	Borowiec, Poland
2017 May 15	1	206	7	S. Geier	JKT, ORM, La Palma, Spain
2018 Jun 4	1	252	0	A. Marciniak	JKT, ORM, La Palma, Spain
2018 Jun 6	1	252	1	K. Kamiński	Winer, AZ, USA
2018 Jun 15	1	251	3	M.-J. Kim	SOAO, South Korea
2020 Aug 13 - 2020 Sep 13	2	336 - 340	4	R. Szakáts	Piszkéstető, Hungary
2020 Sep 11	1	336	3	W. Ogłóza	Suhora, Poland
2020 Sep 14 - 2020 Sep 15	2	335	4	M. Kaplan	TUG, Türkiye
2020 Oct 20	1	332	11	M.-J. Kim, D.-H. Kim	SOAO, South Korea
2020 Oct 22 - 2020 Nov 5	2	332	11 - 12	K. Kamiński	Winer, AZ, USA
2021 Aug 21 - 2021 Oct 10	19	24 - 29	2 - 12	-	TESS spacecraft
2021 Sep 7 - 2021 Oct 14	2	24 - 28	1 - 9	V. Kudak	Derenivka, Ukraine
2021 Sep 27	1	26	5	E. Pakštienė	Molėtai Astronomical Observatory, Lithuania
2021 Nov 14	1	19	7	M.-J. Kim, D.-H. Kim	Mt. Lemmon Observatory, USA
2021 Nov 24 - 2021 Nov 30	2	18	9 - 10	M. Żejmo	e-Eye, Spain
2021 Dec 5	1	18	11	W. Ogłóza	Adiyaman, Türkiye
2021 Dec 8	1	18	12	M.-J. Kim, D.-H. Kim	SOAO, South Korea
2022 Oct 20 - 2022 Nov 15	2	75 - 78	5 - 11	V. Kudak	Derenivka, Ukraine
2022 Oct 26 - 2022 Nov 27	2	73 - 77	2 - 10	M.-J. Kim, D.-H. Kim	SOAO, South Korea
2023 Feb 5	1	67	13	N. Takács	Piszkéstető, Hungary
2024 Jan 14	1	124	3	M. Żejmo	ROTUZ, Chile
				M. Szkudlarek	

## 357 Ninina

1977 Mar 24	1	162	7	Tedesco (1979)	-
2007 Jul 13 - 2007 Aug 12	8	308 - 314	1 - 7	Oey (2014)	Blue Mountains Observatory, Australia
2008 Oct 8 - 2008 Oct 12	3	44 - 45	10 - 11	J. Oey	Blue Mountains Observatory, Australia
2013 Jul 24 - 2013 Nov 14	16	338 - 350	4 - 19	Oey (2014)	Blue Mountains Observatory, Australia
2018 Jun 26 - 2018 Aug 13	6	290 - 299	6 - 10	R. Duffard, N. Morales	La Sagra, Spain
2019 Dec 21	1	15	19	W. Ogłóza	Adiyaman, Türkiye
2020 Dec 7 - 2021 Feb 13	16	107 - 119	3 - 13	Pilcher et al. (2021)	Organ Mesa Observatory, NM, USA
2022 Feb 15 - 2022 Mar 15	3	185 - 189	5 - 12	E. Pakštienė	Blue Mountains Observatory, Australia
2022 Mar 1 - 2022 Mar 12	2	186 - 188	6 - 9	J. Golonka, B. Kirpluk,	Balzaretto Observatory, Rome, Italy
				K. Szyszka	Molėtai Astronomical Observatory, Lithuania
2022 Mar 12	1	186	6	M. Drózdź	Piwnice, Poland
2022 Mar 22 - 2022 Mar 27	4	183 - 184	4 - 5	M. Ferrais, E. Jehin	Suhora, Poland
2022 Apr 2 - 2022 Apr 6	3	181	6	M.-J. Kim	TRAPPIST - South, Chile
2022 Apr 3 - 2022 Apr 20	2	178 - 181	6 - 10	R. Szakáts	SOAO, South Korea
2022 Apr 11	1	180	8	V. Kudak	Piszkéstető, Hungary
2023 Apr 16 - 2023 May 20	7	254 - 258	7 - 14	M.-J. Kim, D.-H. Kim	Derenivka, Ukraine
2023 May 11 - 2023 Jun 10	6	250 - 256	6 - 9	Pilcher et al. (2023)	SOAO, South Korea
2023 May 22 - 2023 May 29	3	252 - 254	6 - 7	V. Kudak	Organ Mesa Observatory, NM, USA
2023 May 31	1	252	6	M. Drózdź	Derenivka, Ukraine
2023 Jun 1	1	252	6	N. Takács	Suhora, Poland
2023 Jul 15	1	245	13	M. Žejmo,	Piszkéstető, Hungary
				O. Michniewicz	ROTUZ, Chile

## 366 Vincentina

2012 Sep 11 - 2012 Oct 23	7	357 - 0	3 - 12	Benishek (2013)	Belgrade Astronomical Observatory, Serbia
2013 Nov 12	1	83	10	F. Pilcher	Organ Mesa Observatory, NM, USA
2015 Apr 17 - 2015 Apr 30	7	142	16 - 17	-	Montsec, Catalonia, Spain
2018 Aug 17 - 2018 Oct 11	8	36 - 40	7 - 19	M. Drózdź	Suhora, Poland
2018 Sep 12	1	39	15	S. Fauvaud	Le Bois de Bardou Observatory, France
2018 Sep 19 - 2018 Oct 16	3	35 - 39	5 - 13	J. Skrzypek, R. Hirsch,	Borowiec, Poland
				K. Żukowski	
2019 Dec 16	1	114	8	W. Ogłóza	Adiyaman, Türkiye
2019 Dec 25 - 2020 Jan 19	24	107 - 112	4 - 7	-	TESS spacecraft
2020 Jan 8	1	109	4	B. Cseh	Piszkéstető, Hungary
2020 Mar 22	1	103	17	D.-H. Kim, M.-J. Kim	SOAO, South Korea
2021 Jan 26 - 2021 Mar 5	5	180 - 183	4 - 15	W. Ogłóza	Adiyaman, Türkiye
2021 Feb 4 - 2021 Apr 12	4	173 - 184	7 - 13	A. Jones	Maidenhead, UK
2023 Jun 1 - 2023 Sep 20	3	341 - 347	5 - 20	M. Žejmo, M. Szkudlarek	ROTUZ, Chile
2023 Aug 25	1	346	5	W. Ogłóza	Adiyaman, Türkiye
2023 Sep 7	1	344	1	V. Kudak	Derenivka, Ukraine
2023 Sep 17	1	342	4	W. Ogłóza	Suhora, Poland

## 373 Melusina

2017 Jul 1 - 2017 Jul 4	5	163 - 164	14 - 15	-	Kepler Space Observatory
2018 May 18 - 2018 May 24	2	215 - 216	7 - 9	K. Kamiński,	Winer Observatory, AZ, USA
				M. K. Kamińska	
2018 May 23 - 2018 Jun 7	2	213 - 215	9 - 13	S. Geier	JKT, La Palma, Spain
2019 Jul 30 - 2019 Jul 31	2	303	7	M. Ferrais, E. Jehin	TRAPPIST-South
2020 Aug 3 - 2020 Sep 20	3	50 - 58	18 - 21	W. Ogłóza	Adiyaman, Türkiye
2020 Sep 12	1	58	19	W. Ogłóza	Suhora, Poland
2020 Sep 29	1	58	16	E. Pakštienė	Molėtai Astronomical Observatory, Lithuania
2020 Dec 12 - 2020 Dec 30	3	45 - 46	12 - 16	A. Jones	Maidenhead, Great Britain
2021 Dec 3	1	138	15	W. Ogłóza	Suhora, Poland
2021 Dec 4	1	138	16	V. Kudak, V. Perig	Derenivka, Ukraine
2021 Dec 29	1	138	11	W. Ogłóza	Adiyaman, Türkiye
2022 Mar 22 - 2022 Apr 2	3	124	14 - 16	A. Jones	Maidenhead, Great Britain
2023 Feb 21	1	195	11	D.-H. Kim, M.-J. Kim	SOAO, South Korea
2023 Feb 28 - 2023 Apr 15	3	186 - 194	4 - 9	M. Drózdź, W. Ogłóza	Suhora, Poland
2023 Mar 17	1	192	4	V. Kudak, V. Perig	Derenivka, Ukraine
2024 Apr 28	1	261	13	M. Drózdź	Suhora, Poland

## 395 Delia

2014 Aug 10 - 2014 Nov 5	9	341 - 353	6 - 19	-	Montsec, Catalonia, Spain
2014 Sep 6	1	348	2	M. Polińska	Borowiec, Poland
2015 Oct 24 - 2015 Dec 21	8	74 - 84	4 - 15	-	Montsec, Catalonia, Spain
2015 Nov 3	1	83	13	M. Butkiewicz - Bąk	Borowiec, Poland
2016 Jan 31	1	70	16	K. Kamiński	Winer, AZ, USA
2016 Dec 27	1	166	19	M.-J. Kim	SOAO, South Korea
2017 Feb 4	1	164	10	R. Duffard	La Sagra, Spain
2017 Feb 11 - 2017 Feb 16	2	162 - 163	5 - 7	W. Ogłóza, M. Drózdź	Suhora, Poland
2017 Feb 22 - 2017 Feb 27	6	160 - 161	2 - 3	T. Polakis, B. Skiff	Tempe, AZ, USA
2019 Jul 30 - 2019 Dec 18	2	16 - 27	19 - 21	B. Ignác, R. Szakáts	Piszkéstető, Hungary
2019 Sep 3 - 2019 Sep 29	7	25 - 29	7 - 16	Pilcher (2020a)	Organ Mesa Observatory, NM, USA
2019 Sep 11 - 2019 Sep 28	3	26 - 28	7 - 13	W. Ogłóza	Adiyaman, Türkiye
2019 Oct 16	1	22	2	W. Ogłóza	Suhora, Poland

2019 Oct 20 - 2019 Oct 23	4	20 - 21	2 - 3	Polakis (2020)	Tempe, AZ, USA
2020 Oct 22	1	110	19	K. Kamiński	Winer Obs, AZ, USA
2020 Dec 8	1	110	11	E. Pakštienė	Molėtai Astronomical Observatory, Lithuania
2021 Feb 3	1	99	11	A. Jones	Maidenhead, UK
2021 Feb 18 - 2021 Feb 19	3	98	15	M.-J. Kim, D.-H. Kim	SOAO, South Korea
2021 Mar 10	1	98	19	R. Szakáts	Piszkéstető, Hungary
2022 Jan 31	1	200	19	M. Frits	Piszkéstető, Hungary
2022 Mar 3	1	200	13	M.-J. Kim, D.-H. Kim	SOAO, South Korea
2022 Apr 2 - 2022 Apr 23	2	191 - 195	2 - 8	W. Ogłóza	Adiyaman Obs., Türkiye
2022 Apr 4	3	194	2	R. Szakáts	Piszkéstető, Hungary
2022 Apr 10 - 2022 Apr 11	2	193	3	M. Ferrais, E. Jehin	TRAPPIST-South, Chile
2022 Apr 12	1	193	4	V. Kudak, V. Perig	Derenivka, Ukraine
2022 May 6 - 2022 May 7	2	189	13	M. Žejmo	e-Eye, Spain
2023 Jun 14	1	320	19	M. Žejmo, M. Szkudlarek	ROTUZ, Chile
2023 Jul 14 - 2023 Jul 15	2	318	10	N. Takács, R. Szakáts	Piszkéstető, Hungary
2023 Jul 23	1	317	7	W. Ogłóza	Suhora, Poland

## 429 Lotis

1981 Oct 23 - 1981 Dec 3	4	15 - 19	5 - 21	Harris et al. (1992)	Table Mountain Observatory, CA, USA
2015 Dec 3 - 2016 Feb 12	4	63 - 68	4 - 23	P. Kulczak, M. Butkiewicz - Bąk	Borowiec, Poland
2016 Jan 22	1	63	21	V. Kudak	Derenivka, Ukraine
2016 Feb 18 - 2016 Feb 27	3	67 - 69	24	K. Kamiński	Winer, AZ, USA
2017 Mar 1 - 2017 Mar 8	6	182 - 184	6 - 8	T. Polakis, B. Skiff	Tempe, AZ, USA
2017 Apr 1 - 2017 Apr 3	2	176 - 177	6 - 7	R. Hirsch, K. Żukowski	Borowiec, Poland
2018 May 11 - 2018 May 13	2	271	13 - 14	R. Szakáts	Piszkéstető, Hungary
2018 May 19	1	270	11	K. Kamiński	Winer, AZ, USA, US
2018 May 20 - 2018 May 29	2	269 - 270	8 - 11	K. Żukowski	Borowiec, Poland
2018 May 21	1	270	11	K. Kamiński	Winer, AZ, USA
2018 Jun 6	1	267	6	S. Geier	Kitt Peak, USA
2018 Jul 19	1	258	14	-	OAdM, Catalonia, Spain
2018 Aug 5	1	257	18	R. Duffard	La Sagra, Spain
2019 Sep 11 - 2019 Dec 20	3	31 - 43	21	R. Hirsch, A. Marciniak, J. Skrzypek	Borowiec, Poland
2019 Sep 29	2	42	15	W. Ogłóza	Adiyaman, Türkiye
2020 Jan 7	1	33	24	K. Sárneczky	Piszkéstető, Hungary
2021 Feb 10 - 2021 Mar 5	8	160 - 165	5 - 9	-	TESS spacecraft
2021 Apr 8 - 2021 Apr 11	3	154	15	M.-J. Kim, D.-H. Kim	SOAO, South Korea
2021 Apr 12 - 2022 Apr 17	11	153 - 156	16 - 21	M. Ferrais, E. Jehin	TRAPPIST - South, Chile
2021 Apr 13 - 2021 Apr 14	2	154	16	A. Jones	Maidenhead, UK
2021 Apr 15	3	153	16	W. Ogłóza	Adiyaman, Türkiye
2022 Apr 17	12	252	14	M. Ferrais, E. Jehin	TRAPPIST - South, Chile
2022 May 2 - 2022 May 3	2	250	9	M.-J. Kim, D.-H. Kim	SOAO, South Korea
2022 May 3 - 2022 Jun 16	2	241 - 250	9 - 10	A. Popowicz	Otivar, Spain
2022 May 11	1	249	7	M. Žejmo	e-Eye, Spain
2022 May 20 - 2022 Jul 19	6	238 - 247	3 - 18	C. Kalup, R. Szakáts	Piszkéstető, Hungary
2022 Jun 1 - 2022 Jun 9	2	242 - 244	4 - 6	E. Pakštienė	Molėtai Astronomical Observatory, Lithuania
2023 Jul 21	1	8	24	M. Drózd	Suhora, Poland
2023 Aug 11 - 2023 Aug 13	2	10	19 - 20	V. Kudak	Derenivka, Ukraine
2023 Oct 20	1	359	12	M. Žejmo, M. Szkudlarek	ROTUZ, Chile
2023 Nov 5	1	358	18	W. Ogłóza	Adiyaman, Türkiye

## 527 Euryanthe

2009 Nov 8 - 2009 Dec 23	11	43 - 51	6 - 16	Brinsfield (2010)	Via Capote Observatory, CA, USA
2017 May 27 - 2017 Jun 16	5	267 - 271	4 - 10	K. Kamiński	Winer, AZ, USA
2018 Oct 11 - 2018 Nov 10	5	49 - 56	5 - 14	R. Hirsch, J. Skrzypek, M. K. Kamińska	Borowiec, Poland
2018 Nov 4 - 2018 Nov 13	5	49 - 51	5 - 6	Pál et al. (2020)	TESS spacecraft
2018 Nov 21 - 2018 Dec 2	10	45 - 47	7 - 10	Polakis (2019)	Tempe, AZ, USA
2019 Dec 28 - 2020 Mar 15	14	127 - 140	1 - 14	Pilcher (2020b)	Organ Mesa Observatory, NM, USA
2020 Feb 2 - 2020 Mar 28	2	126 - 134	1 - 16	-	Montsec, Catalonia, Spain
2020 Feb 5 - 2020 Apr 10	4	127 - 133	1 - 18	E. Pakštienė	Molėtai Astronomical Observatory, Lithuania
2020 Mar 14 - 2020 Mar 16	2	127	14	R. Szakáts	Piszkéstető, Hungary
2021 Feb 23 - 2021 Apr 29	9	209 - 217	5 - 18	M. Žejmo, W. Ogłóza	Adiyaman, Türkiye
2021 Feb 26 - 2021 Apr 9	2	213 - 218	7 - 17	M. Žejmo, W. Ogłóza	Suhora, Poland
2021 Apr 7	1	213	8	R. Szakáts	Piszkéstető, Hungary
2021 Mar 9 - 2021 Apr 10	2	213 - 217	7 - 15	M.J. Kim, D.H. Kim	SOAO, South Korea
2021 May 29 - 2021 Jun 24	6	203 - 204	15 - 20	M. Ferrais, E. Jehin	TRAPPIST - South, Chile
2022 Aug 29 - 2022 Aug 30	2	342	5	R. Szakáts	Piszkéstető, Hungary
2022 Aug 29 - 2022 Oct 2	5	336 - 342	5 - 14	W. Ogłóza	Adiyaman, Türkiye
2022 Sep 11 - 2022 Sep 21	6	337 - 339	6-10	A. Popowicz	Otivar, Spain

## 541 Deborah

2013 Sep 25 - 2013 Oct 13	7	359 - 2	3 - 8	Alkema (2014)	-
2018 Oct 18 - 2018 Oct 31	2	26 - 28	3 - 5	M. K. Kamińska, A. Marciniak	Borowiec, Poland
2018 Nov 29	1	21	14	V. Kudak, V. Perig	Derenivka, Ukraine

2019 Dec 31 - 2020 Apr 4	2	109 - 117	6 - 20	-	Montesec, Catalonia
2020 Jan 15 - 2020 Mar 22	3	107 - 114	1 - 19	W. Ogłóza	Adiyaman, Türkiye
2021 Apr 3 - 2021 Apr 26	13	205 - 210	3 - 6	-	TESS spacecraft
2022 May 17 - 2022 May 18	2	320	22	M. Ferrais, E. Jehin	TRAPPIST - South, Chile
2022 Jul 17 - 2022 Aug 27	4	312 - 321	8 - 9	R. Szakáts	Piszkéstető, Hungary
2022 Jul 19	1	321	9	V. Kudak, V. Perig	Derenivka, Ukraine
2022 Aug 6 - 2022 Aug 8	3	317	3	W. Ogłóza	Adiyaman, Türkiye
2024 Jan 3	1	46	16	M. Żejmo, M. Szkudlarek	ROTUZ, Chile
2024 Jan 9	1	46	17	N. Takács	Piszkéstető, Hungary
2024 Jan 28 - 2024 Jan 30	3	48	19	W. Ogłóza	Suhora, Poland

## 672 Astarte

2010 Aug 16 - 2010 Sep 26	10	339 - 348	1 - 11	Pilcher (2011)	Organ Mesa Observatory, NM, USA
2014 Aug 07 - 2014 Oct 21	10	325 - 334	4 - 22	-	Montsec, Catalonia, Spain
2014 Oct 15 - 2014 Oct 18	3	324 - 325	21 - 22	S. Urakawa	Bisei, Japan
2015 Nov 06 - 2015 Dec 30	7	83 - 93	7 - 16	-	Montsec, Catalonia, Spain
2015 Dec 26	1	84	6	D. Oszkiewicz	Lowell Observatory, Arizona
2017 Jan 07	1	179	20	S. Geier	Kitt Peak, USA
2017 Mar 15 - 2017 Apr 13	6	165 - 171	2 - 14	-	Montsec, Catalonia, Spain
2018 Jul 25 - 2018 Aug 07	13	317 - 319	4 - 9	Pál et al. (2020)	TESS Spacecraft
2018 Jul 26	1	319	9	A. Marciniak	CTIO, Chile
2018 Sep 12 - 2018 Oct 22	5	310 - 314	16 - 25	-	Montsec, Catalonia, Spain
2020 Jan 14 - 2020 Jan 18	2	71	14 - 15	K. Kamiński	Winer, AZ, USA
2020 Jan 14	1	71	14 - 15	W. Ogłóza	Adiyaman, Türkiye
2024 Jan 1	1	63	15	N. Takács	Piszkéstető, Hungary

## 814 Tauris

1982 Sep 8 - 1982 Sep 9	2	341	15	Debehogne et al. (1983)	ESO, La Silla, Chile
2007 Feb 10 - 2007 Feb 26	4	169 - 172	8 - 10	-	SuperWASP
2013 May 1 - 2013 Jun 27	14	179 - 181	10 - 14	Alkema (2013)	Elephant Head Observatory, AZ, USA
2014 Mar 24 - 2014 Jun 29	8	222 - 236	6 - 13	-	Montsec, Catalonia, Spain
2014 Mar 24 - 2014 Jun 1	2	225 - 236	8 - 11	K. Kamiński	Winer, AZ, USA
2015 May 18 - 2015 Jun 14	5	284 - 287	7 - 14	K. Kamiński	Winer, AZ, USA
2016 Oct 10 - 2016 Oct 23	6	77	19 - 23	B. Skiff	Lowell Observatory, Arizona
2016 Oct 11 - 2016 Oct 27	5	76 - 77	18 - 23	T. Polakis, B. Skiff	Tempe, AZ, USA
2016 Oct 30 - 2017 Jan 22	5	63 - 76	2 - 20	M. Butkiewicz - Bąk, A. Marciniak, R. Hirsch, K. Żukowski	Borowiec, Poland
2018 Jan 15	1	164	13	M.-J. Kim	SOAO, South Korea
2018 Jan 29 - 2018 Feb 27	6	156 - 162	7 - 10	F. Pilcher	Organ Mesa Observatory, NM, USA
2018 Feb 7 - 2018 Mar 3	5	155 - 160	8 - 9	J. Skrzypek, K. Żukowski, M. Butkiewicz - Bąk	Borowiec, Poland
2019 Feb 27 - 2019 Apr 25	4	202 - 211	6 - 12	R. Hirsch, M. Pawłowski, M. K. Kamińska	Borowiec, Poland
2019 Mar 7 - 2019 Mar 8	2	211	10	M.-J. Kim	SOAO, South Korea
2019 Mar 8 - 2019 Apr 3	10	207 - 211	7 - 10	G. Csörnyei, R. Szakáts, C. Kalup	Piszkéstető, Hungary
2019 Mar 30	1	207	7	V. Kudak, V. Perig	Derenivka, Ukraine
2019 May 19	1	198	10	K. Kamiński	Winer, AZ, USA
2020 May 20	1	248	4	R. Szakáts	Piszkéstető, Hungary
2020 Jun 19 - 2020 Jun 21	3	242	7 - 8	K. Kamiński	Winer, AZ, USA
2021 Aug 29 - 2021 Oct 17	7	312 - 316	14 - 24	M. Ferrais, E. Jehin	TRAPPIST - South, Chile
2022 Oct 27 - 2022 Nov 30	3	120 - 122	17 - 22	D.-H. Kim, M.-J. Kim	SOAO, South Korea
2022 Nov 3 - 2022 Nov 21	3	121 - 122	19 - 22	R. Szakáts	Piszkéstető, Hungary
2022 Dec 31 - 2023 Feb 9	3	109 - 117	7 - 11	W. Ogłóza, M. Drózd	Suhora, Poland
2023 Jan 1 - 2023 Jan 24	4	111 - 117	6 - 7	W. Ogłóza	Adiyaman, Türkiye
2023 Feb 9 - 2023 Mar 12	2	107 - 109	11 - 17	Á. Horti-Dávid, N. Takács	Piszkéstető, Hungary
2023 Feb 21	1	109	11	M.-J. Kim, D.-H. Kim	SOAO, South Korea

## 859 Bouzareah

2015 Dec 31 - 2016 Feb 5	2	107 - 114	8 - 11	V. Kudak, V. Perig	Derenivka, Ukraine
2016 Feb 15 - 2016 Mar 7	4	105 - 106	13 - 17	K. Kamiński	Winer, AZ, USA
2016 Feb 24 - 2016 Feb 25	2	105	15	I. Konstanciak	Borowiec, Poland
2016 Feb 25 - 2016 Mar 19	2	105 - 106	15 - 18	V. Kudak	Derenivka, Ukraine
2017 Apr 2 - 2017 Apr 24	9	182 - 186	3 - 9	B. Skiff	Lowell Observatory, AZ
2018 May 9 - 2018 Jun 13	12	242 - 249	3 - 6	B. Skiff	Lowell Observatory, AZ
2019 Aug 3	1	310	6	M. Ferrais, E. Jehin	TRAPPIST - South, Chile
2020 Sep 21 - 2020 Sep 29	4	40	11 - 13	E. Pakštienė	Molėtai Astronomical Observatory, Lithuania
2020 Nov 2	1	33	3	A. Jones	Maidenhead, GB
2020 Nov 9 - 2020 Nov 21	2	30 - 32	5 - 10	V. Kudak, V. Perig	Derenivka, Ukraine
2020 Nov 22	1	30	10	W. Ogłóza	Adiyaman, Türkiye
2021 Nov 14	1	133	19	M.-J. Kim, D.-H. Kim	Mt. Lemmon Observatory, USA
2021 Dec 8	1	135	16	M.-J. Kim, D.-H. Kim	SOAO, South Korea
2022 Jan 11	1	132	9	M. Żejmo	e-EYE, Spain
2022 Jan 12	1	132	9	E. Pakštienė	Molėtai Astronomical Observatory, Lithuania
2022 Jan 12	1	132	9	A. Jones	Maidenhead, GB
2022 Jan 12 - 2022 Jan 24	2	130 - 132	6 - 9	V. Kudak, V. Perig	Derenivka, Ukraine
2022 Apr 6	1	123	18	R. Szakáts	Piszkéstető, Hungary

2023 Mar 14	1	205	9	N. Takács	Piszkéstető, Hungary
907 Rhoda					
2004 Apr 1 - 2004 Apr 25	8	144 - 146	20 - 23	Warner (2004)	Palmer Divide Observatory, CO, USA
2012 Nov 1 - 2013 Mar 25	2	94 - 99	10 - 25	J. Nadolny, K. Sobkowiak, M. Murawiecka	Borowiec, Poland
2013 Feb 27 - 2013 Apr 20	3	87 - 102	24	F. Pilcher	Organ Mesa Observatory, NM, USA
2013 Mar 23	1	93	25	R. Hirsch	Borowiec, Poland
2014 Mar 24 - 2014 Jun 12	6	221 - 236	4 - 17	-	Montsec, Catalonia, Spain
2014 May 31 - 2014 Jun 12	2	221 - 223	9 - 13	K. Kamiński	Winer, AZ, USA
2014 Jun 4 - 2014 Jun 25	7	220 - 222	11 - 17	F. Pilcher	Organ Mesa Observatory, NM, USA
2016 Sep 10 - 2016 Nov 20	3	13 - 26	12 - 15	R. Hirsch, K. Żukowski	Borowiec, Poland
2016 Sep 21	1	25	10	J. Licandro	ORM, La Palma, Spain
2016 Oct 28	1	16	7	D. Oszkiewicz	CTIO, Chile
2018 Feb 23 - 2018 May 28	7	137 - 149	14 - 24	M. Butkiewicz - Bąk, A. Marciniak, J. Skrzypek, K. Żukowski	Borowiec, Poland
2018 Feb 27	2	138 - 139	14 - 15	S. Fauvaud, J. Rives, R. Aubry	Pic du Midi Observatory, France
2018 Apr 6	1	136	22	W. Ogłóza	Suhora, Poland
2019 Aug 4	1	247	17	M. Ferrais, E. Jehin	TRAPPIST - South, Chile
2020 Oct 10 - 2020 Nov 14	7	320 - 323	16 - 18	F. Monteiro	OASI, Brasil
2020 Nov 11 - 2020 Nov 15	3	322 - 323	18	M. Ferrais, E. Jehin	TRAPPIST - South, Chile
2021 Sep 8 - 2021 Sep 28	4	55	16 - 20	A. Jones	Maidenhead, Great Britain
2021 Sep 11	1	55	19	E. Pakštienė	Molėtai Astronomical Observatory, Lithuania
2021 Oct 31	1	50	5	R. Szakáts	Piszkéstető, Hungary
2023 Feb 7 - 2023 Feb 9	2	196	20 - 21	Z. Bora	Piszkéstető, Hungary
2023 Mar 15 - 2023 Apr 17	12			Fornas et al. (2024)	CAAT, Valencia, Spain
2023 Mar 17	1	191	10	V. Kudak, V. Perig	Derenivka, Ukraine
2023 Mar 28	1	188	7	J. Golonka and colleagues	Piwnice, Toruń, Poland
2023 May 6 - 2023 Jun 19	13			Dose (2023)	New Mexico Skies, NM, USA
931 Whittemora					
2005 Feb 9 - 2005 Apr 6	6	184 - 193	5 - 14	V. Reddy	Colorado Springs, CO, USA
2015 Jan 23	1	44	23	K. Kamiński	Winer, AZ, USA
2016 Mar 17	1	160	7	V. Kudak, V. Perig	Derenivka, Ukraine
2016 Apr 30 - 2016 May 11	5	156 - 157	16 - 17	P. Kulczak, A. Marciniak, R. Hirsch, K. Żukowski	Borowiec, Poland
2016 May 5	1	156	17	B. Skiff	Lowell, AZ, USA
2017 May 12 - 2017 May 22	4	220 - 222	5 - 7	R. Hirsch, J. Horbowicz, K. Żukowski	Borowiec, Poland
2018 May 20	1	276	9	K. Kamiński	Winer, AZ, USA
2018 Jun 15	1	272	3	M.-J. Kim, D.-H. Kim	SOAO, South Korea
2019 Jul 31 - 2019 Sep 4	4	329 - 335	4 - 9	M. Ferrais, E. Jehin	TRAPPIST - South, Chile
2019 Aug 22	1	331	4	W. Ogłóza	Adiyaman, Türkiye
2020 Nov 10	1	101	19	K. Vida	Piszkéstető, Hungary
2020 Nov 12 - 2020 Nov 23	5	100 - 101	15 - 18	W. Ogłóza	Adiyaman, Türkiye
2020 Nov 18	1	101	17	F. Monteiro	OASI, Brasil
2021 Jan 19	1	90	11	E. Pakštienė	Molėtai Astronomical Observatory, Lithuania
2021 Jan 21 - 2021 Jan 23	2	90	12 - 13	A. Jones	Maidenhead, Great Britain
2022 Apr 5 - 2022 May 21	2	182 - 187	5 - 14	R. Szakáts, Cs. Kalup	Piszkéstető, Hungary
2023 Apr 21 - 2023 Jun 19	15	236 - 246	3 - 9	Dose (2023)	New Mexico Skies, NM, USA
2023 May 10 - 2023 Jul 20	8	234 - 243	4 - 14	M. Drózdź	Suhora, Poland
1062 Ljuba					
1984 Feb 4 - 1984 Feb 5	3	98	12 - 13	Binzel (1987)	-
2013 Aug 1 - 2013 Aug 5	2	345 - 346	10 - 11	-	Montsec, Catalonia, Spain
2013 Oct 8 - 2013 Oct 24	2	333 - 334	13 - 16	K. Sobkowiak, D. Oszkiewicz	Borowiec, Poland
2014 Sep 11 - 2014 Dec 21	24	70 - 80	3 - 21	-	Montsec, Catalonia, Spain
2014 Oct 18 - 2014 Nov 15	3	77 - 80	9 - 17	S. Urakawa	Bisei Spaceguard Center, Ibará, Japan
2014 Oct 22	1	80	16	K. Kamiński	Winer, AZ, USA
2014 Nov 5	1	78	12	P. Kankiewicz	Kielce, Poland
2016 Jan 21 - 2016 Mar 28	15	165 - 176	0 - 16	-	Montsec, Catalonia, Spain
2016 Jan 31	1	175	13	K. Kamiński	Winer, AZ, USA
2017 Jun 1 - 2017 Jun 2	2	247	3	K. Kamiński	Winer Observatory, Arizona, USA
2018 Jul 20 - 2018 Sep 17	20	317 - 327	1 - 12	-	Montsec, Catalonia, Spain
2018 Sep 12 - 2018 Sep 18	8	317	10 - 12	-	Kepler Space Observatory
2019 Oct 5	1	58	15	E. Pakštienė	Molėtai Astronomical Observatory, Lithuania
2019 Oct 9 - 2019 Nov 17	7	51 - 58	3 - 14	W. Ogłóza	Adiyaman, Türkiye
2019 Nov 12 - 2019 Nov 27	15	49 - 52	3 - 6	-	TESS spacecraft
2020 Jan 12	1	46	19	G. Csörnyei	Piszkéstető, Hungary
2020 Dec 14 - 2021 Mar 21	6	144 - 156	5 - 19	E. Pakštienė	Molėtai Astronomical Observatory, Lithuania
2021 Feb 11	1	152	3	A. Jones	Maidenhead, Great Britain
2021 Apr 2	1	144	15	V. Kudak, V. Perig	Derenivka, Ukraine
2021 Apr 3 - 2021 Apr 4	2	144	15	S. Fauvaud, M. Fauvaud	Le Bois de Bardou Observatory
2021 May 2	1	145	19	W. Ogłóza	Adiyaman, Türkiye
2022 Apr 7 - 2022 May 25	15	230 - 238	3 - 12	M. Ferrais, E. Jehin	TRAPPIST - South, Chile

**Notes.** observing dates, number of lightcurves ( $N_{lc}$ ), ecliptic longitude of the target ( $\lambda$ ), phase angle, the observers and the observing site names (or paper citation for published data). For TESS spacecraft data,  $N_{lc}$  is the number of days of continuous observations used here. SOAO stands for Sobaeksan Optical Astronomy Observatory, e-EyE - Entre Encinas y Estrellas, ESO - European Southern Observatory, OASI - Observatório Astronômico do Sertão de Itaparica, ORM - Roque de los Muchachos Observatory, OT - Observatorio del Teide, ROTUZ - Robotic Optical Telescope of the University of Zielona Góra, TRAPPIST - TRAnsiting Planets and PlanetesImals Small Telescope, Super WASP - Wide Angle Search for Planets, CTIO - Cerro Tololo Interamerican Observatory, CAAT - Astronomical Center Alto Turia.

Table G.2: List of stellar occultation observers and locations of their observing sites. Source: Occult programme.

215 Oenone, 2024-09-27		J. Kubánek	CZ
		M. Bertini	IT
		L. Grazzini	IT
		P. Fini	IT
		J. J. Polák	CZ
		M. Rottenborn	CZ
		M. Poláček	CZ
		N. Ruocco	IT
C. Anderson, C. Stewart	Twin Falls, ID		
B. Gimple	Greenville, CA		
279 Thule, 2008-04-03		366 Vincentina, 2004-05-18	
H. Sato	Fukushima, JP	D. Watson	Whakatane, NZ
H. Hamanowa	Fukushima, JP	D. Brock	Hamilton, NZ
K. Shinozaki	Takahagi, JP	I. Cooper	Kimbolton, NZ
H. Tomioka	Hitachi, JP	S. Suter	New Plymouth, NZ
A. Tsuchikawa	Noto, JP	G. Blow	Cheltenham, NZ
H. Takashima	Kashiwa, JP	R. Wright	Brunswick, NZ
H. Karasaki	Tokyo, JP	R. Skilton	Tayforth, NZ
M. Urabe	Kamogawa, JP	N. Munford	Longburn, NZ
A. Asai	Inabe, JP	J. Field	Waitare Beach, NZ
H. Suzuki	Hamamatsu, JP	R. Dippie	Hokio Beach, NZ
M. Owada	Hamamatsu, JP	T. Butt	Te Horo, NZ
279 Thule, 2019-08-16		G. Hudson	Pukerua Bay, NZ
		I. Porritt	Whitby, NZ
D. Oesper	Dodgeville, WI	366 Vincentina, 2009-02-03	
C. McPartlin	Santa Barbara, CA	D. Snyder	Bisbee, AZ, USA
G. Lyzenga	Altadena, CA	B. Cudnik	Houston, TX, USA
R. Jones	Running Springs, CA	P. Maley	Houston, TX, USA
R. Dunford	Naperville, IL	S. Aguirre	Hermosillo, Sonora, MEX
T. George	Scottsdale, AZ		
279 Thule, 2024-05-15		366 Vincentina, 2023-12-16	
V. Sempronio	Sierra Vista, AZ	M. Kretlow, N. Morales	Puebla de Don Fadrique, ES
Y. Liu, R. Liu	Cupertino, CA	D. Smith	Gorafe, ES
R. Jones	Running Springs, CA	B. Gährken, M. Libert	Gorafe, ES
G. Lyzenga	Altadena, CA	M. Kretlow	Ácula, ES
357 Ninina, 2017-09-10		B. Gährken, C. Malagon	Malaga, ES
		S. Cikota, R. Leiva	Calar Alto, ES
S. Preston	Cosgrave, NV	373 Melusina, 2021-03-20	
J. Moore	Imlay, NV	D. Eisfeldt	Waco, TX
R. Nugent	Lovelock, NV	S. Messner	Fairfield, TX
T. Blank	Lovelock, NV	395 Delia, 2006-08-27	
T. Swift, E. Swift	Fernley, NV	E. Morana	Citrona, CA
P. Maley	Fernley, NV	N. Lerner	Sacramento, CA
J. Bardecker	Doyle, CA	W. Morgan	Mather Lake, CA
R. Nolthenius	Silver Springs, NV	R. Nolthenius	Mt. Tamalpais, CA
L. Johnson, J. Bean	Carson City, NV	C. Poplinger	Lodi, CA
357 Ninina, 2018-09-18		F. Schumacher	Manteca, CA
P. Delincak	SK	395 Delia, 2022-07-07	
P. Zelený	CZ	D. Gault	Hawkesbury Heights, AU
357 Ninina, 2020-02-27		P. Nosworthy	Hazelbrook, AU
P. Nosworthy	Hazelbrook, AU	395 Delia, 2024-09-06	
T. Barry	Penrith, AU	M. Filipek	Jerzmanowice, PL
W. Hanna	Yass, AU	P. Zelený	Valašské Meziříčí, CZ
D. Herald	Murrumbateman, AU	A. Marciniak, S. Zoła	Kraków, PL
357 Ninina, 2021-02-28		L. Benedyktowicz	Rzozów, PL
A. Manna	CH	P. Delincak	Zákopčie, SK
A. Ossola	CH	D. Błażewicz	Łętowice, PL
S. Sposetti	CH	429 Lotis, 2010-08-08	
G. Galli	IT	M. Bonnardeau	FR
D. Agnetti	IT	C. Gualdoni	IT
W. Hasubick	DE	527 Euryanthe, 2019-01-20	
G. Krannich	DE	T. George	Scottsdale, AZ
P. Baruffetti	IT		
P. Bacci, M. Maestripieri	IT		
G. Casalnuovo	IT		
R. Bacci	IT		
B. Kattentidt	DE		

D. Dunham	Fountain Hills, AZ	G. Krannich	DE
D. Dunham	Ft. McDowell, AZ		
D. Dunham	Usery Mountain Regional		
	Park, AZ		859 Bouzareah, 2023-07-03
D. Dunham	Lost Dutchman State Park,	D. Antusiewicz	Legionowo, PL
	AZ	M. Borkowski	Izdebno Kościelne, PL
D. Dunham, D. Stanbridge	Gold Canyon, AZ	A. Karagiannidis, M. Dogramatzidis	Nikiforos, GR
P. Maley	Roosevelt, AZ	M. Zawilski	Tobolice, PL
D. Dunham, D. Stanbridge	Queen Valley, AZ	M. Harman	Banská Bystrica, SK
G. Mroz	Santa Fe, NM		907 Rhoda, 2024-03-06
D. Dunham	Florence, AZ		
D. Dunham	Florence, AZ	W. Hanna	Yass, AU
W. Thomas	Florence, AZ	J. Newman	Flynn, AU
D. Dunham	Cactus Forest, AZ		
	527 Euryanthe, 2024-01-08		931 Whittemora, 2018-04-05
T. Nemoto	Sagamihara, JP	D. Herald	Murrumbateman, AU
M. Mizutani	Bizen, JP	J. Newman	Canberra, AU
H. Yamamura	Toyota, JP		931 Whittemora, 2021-03-28
H. Yoshihara	Soja, JP		
M. Uno	Kurashiki, JP	T. Swift	Fairfield, CA
	541 Deborah, 2017-10-05	P. Maley	Cordes Lakes, AZ
J. Broughton	Mansfield, AU		931 Whittemora, 2024-08-24
J. Broughton	Ormeau, AU	D. Smith	Gérgal, ES
J. Broughton	Reedy Creek, AU	F. Casarramona	Las Negras, ES
	541 Deborah, 2023-11-07	J. J. Polák	Plzeň Lhota, CZ
V. Nikitin	Lakewood, CO	M. Rottenborn	Útušice, CZ
R. Jones	Idyllwild, CA		1062 Ljuba, 2005-03-29
S. Kidd	Stevenage, GB	M. Nevsky	Rostov-on-Don, RUS
T. Haymes	Oxford, GB	P. Khorunzhiy	Rostov-on-Don, RUS
P. Denyer	London, GB	P. Mitrofanov	Pskov, RUS
M. Collins	Flagstaff, AZ	V. Nevski	Vitebsk, BLR
	541 Deborah, 2025-03-31	E. Skrzynski	Rzeszów, POL
R. Dequinze	Auvelais, BE		1062 Ljuba, 2010-01-28
E. Bredner	Münster-Hiltrup, DE	R. Suggs	Cook County, GA
C. Ellington	Sittard, NL	D. Dunham	Clear Spring, MD
M. O'Connell	Ourense, ES	J. Brooks	Winchester, VA
R. Boninsegna	Dourbes, BE	S. Menke	Barnesville, MD
O. Schreurs	Nandrin, BE	A. Carcich	Sussex, NJ
	672 Astarte, 2025-02-02	F. Suits	Garrison, NY
P. Denyer	London, GB		1062 Ljuba, 2021-02-28
K. Saci	Wormhout, FR	P. Nosal	SK
K. Guhl	Beuditz, DE	H. De Groot	NL
P. Lindner	Hoyerswerda, DE	W. Stewart	GB
O. Schreurs, M. Lecossois	Brussels, BE	B. Kattentidt	DE
	814 Tauris, 2023-02-08	S. Kidd	GB
A. Marciniak	Poznań, PL		
N. Wünsche	Biesenthal, DE		
C. Weber	Berlin, DE		
S. Andersson	Berlin, DE		
L. Benedyktowicz	Zelczyna, PL		
P. Dubovsky	Kolonica, SK		
M. Drózd	Suhora, PL		
P. Lindner	Hoyerswerda, DE		
J. Kubánek	Mýto, CZ		
	859 Bouzareah, 2002-09-20		
D. Breit	Martinez, CA		
W. Morgan	CA		
E. Morana	Livermore, CA		
R. Baldrige	Oak Ridge, CA		
	859 Bouzareah, 2022-01-13		
M. Rottenborn	CZ		