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Cover image: “Moonrise over Dinkinesh”: (152830) Dinkinesh and its satellite (152830) Dinkinesh I (Selam) imaged by the Lucy spacecraft's L'LORRI camera on November 1, 2023, at a range of ~430 km. (NASA/Goddard/SwRI/Johns Hopkins APL/NOIRLab)

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Errata

The following section corrects errors that have appeared in this publication (indicated as *Bull.*, with volume, issue and page number) or in names or citations published in the *Minor Planet Circulars*. Negative line numbers count from the bottom of the page (in the *Bulletin*) or from the bottom of the page or the bottom of the (second) column (in the *MPC*s).

Reference	Line(s)	
MPC 29144	– 6	*For* fiance *read* fiancé [(5321) citation, the erratum on *Bull.* **4**, #10, 5 was erroneous]
MPC 40702	34	*For* 200 km east *read* 150 km west [(7143) citation]
MPC 85915	–20 to –18	Replace citation for (292160) with: David Fask (b. 1982) is an American psychologist. His Ph.D. from the University of Virginia focused on intimate partner violence.
Bull. **4**, #11, 19	15	*For* PhD *read* Ph.D. [(175301) citation]
Bull. **4**, #15, 8	–15	*For* PhD *read* Ph.D. [(192626) citation]
Bull. **4**, #15, 11	12	*For* includes *read* include [(550666) citation]
Bull. **4**, #15, 11	–11	*For* art history *read* art historian [(579724) citation]

Corrected Discovery Information

The following section lists corrected discovery information for numbered minor planets. The NS column contains an asterisk if the numbering was subject to the current numbering rules, the POC column contains the observatory code of the assignment (asterisked) observation of the principal provisional designation and the DOC column contains the observatory code of the discovery observation.

Number	NS	POC	Disc. Date	DOC	Discovery Site	Discoverer(s)
(250702)		691	2005-08-27	691	Kitt Peak	Spacewatch
(275558)		691	1999-09-05	691	Kitt Peak	Spacewatch
(496816)		691	1989-10-27	691	Kitt Peak	Spacewatch
(550000)	*	G96	2007-12-05	691	Kitt Peak	Spacewatch
(550002)	*	691	2000-02-12	645	Apache Point	Sloan Digital Sky Survey
(550004)	*	I41	2011-12-01	F51	Haleakala	Pan-STARRS 1
(550017)	*	G96	2011-11-26	G96	Mount Lemmon	Mount Lemmon Survey

(550051)	*	691	2002-10-15	644	Palomar	NEAT
(550059)	*	691	2005-08-31	599	Campo Imperatore	CINEOS
(550136)	*	G96	2008-01-10	G96	Mount Lemmon	Mount Lemmon Survey
(550146)	*	F51	2012-01-19	G96	Mount Lemmon	Mount Lemmon Survey
(550169)	*	691	2011-12-28	G96	Mount Lemmon	Mount Lemmon Survey
(550264)	*	F51	2003-03-31	691	Kitt Peak	Spacewatch
(550306)	*	J43	2000-03-03	645	Apache Point	Sloan Digital Sky Survey
(550309)	*	F51	2012-02-26	F51	Haleakala	Pan-STARRS 1
(550386)	*	F51	2000-12-23	645	Apache Point	Sloan Digital Sky Survey
(550404)	*	F51	2009-09-15	691	Kitt Peak	Spacewatch
(550500)	*	G96	2003-09-26	645	Apache Point	Sloan Digital Sky Survey
(550560)	*	F51	2010-02-14	691	Kitt Peak	Spacewatch
(550586)	*	691	2007-11-20	G96	Mount Lemmon	Mount Lemmon Survey
(550620)	*	G96	2012-09-13	G96	Mount Lemmon	Mount Lemmon Survey
(550645)	*	G96	2010-03-18	G96	Mount Lemmon	Mount Lemmon Survey
(550674)	*	G96	1995-10-15	691	Kitt Peak	Spacewatch
(550692)	*	F51	2001-11-12	645	Apache Point	Sloan Digital Sky Survey
(550697)	*	703	2001-10-15	645	Apache Point	Sloan Digital Sky Survey
(550736)	*	G96	2012-09-23	G96	Mount Lemmon	Mount Lemmon Survey
(550782)	*	F51	2001-09-11	691	Kitt Peak	Spacewatch
(550793)	*	F51	2004-03-15	291	Kitt Peak	Spacewatch
(550807)	*	691	1999-10-13	645	Apache Point	Sloan Digital Sky Survey
(550822)	*	G96	2012-09-18	691	Kitt Peak	Spacewatch
(550843)	*	F51	2006-09-15	691	Kitt Peak	Spacewatch
(550874)	*	926	2001-10-19	699	Anderson Mesa	LONEOS
(550878)	*	G96	2003-10-20	644	Palomar	NEAT
(550930)	*	F51	2012-10-19	F51	Haleakala	Pan-STARRS 1
(550934)	*	F51	2011-07-28	I41	Palomar	Palomar Transient Factory
(550987)	*	F51	2007-11-18	G96	Mount Lemmon	Mount Lemmon Survey
(551072)	*	F51	2012-10-21	F51	Haleakala	Pan-STARRS 1
(551079)	*	G96	2001-10-25	645	Apache Point	Sloan Digital Sky Survey
(551102)	*	691	2006-09-30	703	Catalina	CSS
(551120)	*	G96	2008-12-30	G96	Mount Lemmon	Mount Lemmon Survey
(551140)	*	G96	2008-10-08	G96	Mount Lemmon	Mount Lemmon Survey
(551150)	*	691	2003-10-22	645	Apache Point	Sloan Digital Sky Survey
(551165)	*	G96	2012-11-07	G96	Mount Lemmon	Mount Lemmon Survey
(551179)	*	G96	2007-09-14	G96	Mount Lemmon	Mount Lemmon Survey
(551212)	*	G36	2012-12-21	G36	Calar Alto	S. Hellmich
(551246)	*	691	2003-09-29	691	Kitt Peak	Spacewatch
(551271)	*	G96	2007-10-11	691	Kitt Peak	Spacewatch
(551273)	*	G96	2001-10-23	644	Palomar	NEAT
(551280)	*	703	2003-07-26	644	Palomar	NEAT
(551315)	*	G96	2003-07-25	644	Palomar	NEAT
(551355)	*	691	2013-01-14	J04	Tenerife	ESA Optical Ground Station
(551366)	*	F51	2011-09-26	F51	Haleakala	Pan-STARRS 1
(551398)	*	F51	2013-02-08	F51	Haleakala	Pan-STARRS 1
(551423)	*	J43	2001-03-16	691	Kitt Peak	Spacewatch
(551433)	*	D00	2013-02-15	D00	Kislovodsk	ASC-Kislovodsk Observatory
(551441)	*	691	2003-09-26	645	Apache Point	Sloan Digital Sky Survey
(551514)	*	F51	2013-03-08	F51	Haleakala	Pan-STARRS 1
(551539)	*	G96	2013-03-06	F51	Haleakala	Pan-STARRS 1
(551587)	*	G96	2006-08-19	691	Kitt Peak	Spacewatch
(551609)	*	G96	2008-03-28	G96	Mount Lemmon	Mount Lemmon Survey
(551641)	*	G96	2013-03-07	691	Kitt Peak	Spacewatch
(551645)	*	I41	2007-11-18	G96	Mount Lemmon	Mount Lemmon Survey

(551677)	*	F51	2013-04-03	I41	Palomar	Palomar Transient Factory
(551759)	*	E12	2003-03-23	645	Apache Point	Sloan Digital Sky Survey
(551783)	*	G96	2009-04-03	I08	Cerro Burek	I. de la Ceuva
(551801)	*	G96	2013-02-13	F51	Haleakala	Pan-STARRS 1
(551843)	*	F51	1981-03-07	413	Siding Spring	S. J. Bus
(551858)	*	F51	2006-01-23	691	Kitt Peak	Spacewatch
(551986)	*	J43	2000-05-04	645	Apache Point	Sloan Digital Sky Survey
(552011)	*	G32	2010-01-07	691	Kitt Peak	Spacewatch
(552015)	*	691	2008-10-07	G96	Mount Lemmon	Mount Lemmon Survey
(552018)	*	G96	2002-11-04	291	Kitt Peak	Spacewatch
(552020)	*	691	1999-03-10	691	Kitt Peak	Spacewatch
(552034)	*	493	2003-09-27	691	Kitt Peak	Spacewatch
(552039)	*	G96	2013-09-13	G96	Mount Lemmon	Mount Lemmon Survey
(552048)	*	F51	2013-09-14	F51	Haleakala	Pan-STARRS 1
(552088)	*	G96	2008-09-24	691	Kitt Peak	Spacewatch
(552093)	*	703	2013-09-30	703	Catalina	CSS
(552144)	*	G96	2002-03-09	291	Kitt Peak	Spacewatch
(552145)	*	G96	2002-11-02	950	La Palma	A. Fitzsimmons
(552150)	*	691	2013-07-14	F51	Haleakala	Pan-STARRS 1
(552152)	*	691	2002-10-30	644	Palomar	NEAT
(552157)	*	691	2002-09-16	644	Palomar	NEAT
(552184)	*	691	2008-11-07	G96	Mount Lemmon	Mount Lemmon Survey
(552235)	*	I41	2013-10-24	I41	Palomar	Palomar Transient Factory
(552249)	*	703	2002-10-15	644	Palomar	NEAT
(552251)	*	I41	2010-04-08	I41	Palomar	Palomar Transient Factory
(552275)	*	926	2009-12-26	691	Kitt Peak	Spacewatch
(552292)	*	F51	2004-03-15	291	Kitt Peak	Spacewatch
(552294)	*	691	2007-09-10	703	Catalina	CSS
(552302)	*	F51	2013-11-11	G96	Mount Lemmon	Mount Lemmon Survey
(552328)	*	G96	2007-04-25	691	Kitt Peak	Spacewatch
(552329)	*	691	2007-05-10	G96	Mount Lemmon	Mount Lemmon Survey
(552377)	*	G96	2013-12-24	G96	Mount Lemmon	Mount Lemmon Survey
(552385)	*	926	2007-10-17	G96	Mount Lemmon	Mount Lemmon Survey
(552412)	*	G96	2013-11-10	691	Kitt Peak	Spacewatch
(552425)	*	G96	2013-12-31	G96	Mount Lemmon	Mount Lemmon Survey
(552472)	*	C51	2011-02-08	G96	Mount Lemmon	Mount Lemmon Survey
(552475)	*	G96	2008-10-26	G96	Mount Lemmon	Mount Lemmon Survey
(552502)	*	G96	2010-01-11	G96	Mount Lemmon	Mount Lemmon Survey
(552515)	*	G96	2008-10-06	G96	Mount Lemmon	Mount Lemmon Survey
(552519)	*	691	2005-03-16	G96	Mount Lemmon	Mount Lemmon Survey
(552524)	*	G96	2003-10-24	645	Apache Point	Sloan Digital Sky Survey
(552529)	*	C51	2009-11-09	G96	Mount Lemmon	Mount Lemmon Survey
(552577)	*	C51	2009-12-17	G96	Mount Lemmon	Mount Lemmon Survey
(552601)	*	691	2007-08-18	699	Anderson Mesa	LONEOS
(552615)	*	691	2001-08-24	691	Kitt Peak	Spacewatch
(552755)	*	G96	2013-01-10	691	Kitt Peak	Spacewatch
(552756)	*	G96	2000-07-31	807	Cerro Tololo	Deep Ecliptic Survey
(552843)	*	691	2001-08-17	644	Palomar	NEAT
(552873)	*	704	2006-10-22	703	Catalina	CSS
(552882)	*	691	2010-11-05	691	Kitt Peak	Spacewatch
(552927)	*	I41	2010-11-11	H15	Mayhill	L. Elenin
(552939)	*	G96	2005-11-03	G96	Mount Lemmon	Mount Lemmon Survey
(552981)	*	G96	2010-12-02	G96	Mount Lemmon	Mount Lemmon Survey
(552986)	*	703	2003-01-31	699	Anderson Mesa	LONEOS
(553031)	*	G96	2010-11-16	G96	Mount Lemmon	Mount Lemmon Survey

(553057)	*	G96	2007-03-11	G96	Mount Lemmon	Mount Lemmon Survey
(553065)	*	G96	2005-12-01	691	Kitt Peak	Spacewatch
(553115)	*	G96	2009-11-24	G96	Mount Lemmon	Mount Lemmon Survey
(553190)	*	F51	2011-02-25	G96	Mount Lemmon	Mount Lemmon Survey
(553200)	*	G96	2005-08-01	E12	Siding Spring	Siding Spring Survey
(553203)	*	G96	2011-02-25	G96	Mount Lemmon	Mount Lemmon Survey
(553205)	*	G96	2009-11-09	703	Catalina	CSS
(553269)	*	F51	2011-04-01	G96	Mount Lemmon	Mount Lemmon Survey
(553271)	*	F51	2011-04-01	G96	Mount Lemmon	Mount Lemmon Survey
(553273)	*	G96	2011-03-01	G96	Mount Lemmon	Mount Lemmon Survey
(553408)	*	F51	2011-07-26	F51	Haleakala	Pan-STARRS 1
(553412)	*	F51	2000-06-30	I03	La Silla	C. Barbieri
(553435)	*	F51	2014-09-20	F51	Haleakala	Pan-STARRS 1
(553472)	*	E12	2000-08-26	807	Cerro Tololo	Deep Ecliptic Survey
(553518)	*	G96	1996-05-12	691	Kitt Peak	Spacewatch
(553532)	*	H06	2011-09-23	H06	Mayhill	N. Falla
(553536)	*	691	2011-09-21	691	Kitt Peak	Spacewatch
(553564)	*	691	2010-03-18	G96	Mount Lemmon	Mount Lemmon Survey
(553583)	*	G96	2005-07-05	691	Kitt Peak	Spacewatch
(553608)	*	F51	2005-08-28	691	Kitt Peak	Spacewatch
(553622)	*	G96	2011-09-20	691	Kitt Peak	Spacewatch
(553682)	*	F51	2007-10-10	G96	Mount Lemmon	Mount Lemmon Survey
(553709)	*	F51	2009-01-31	291	Kitt Peak	Spacewatch
(553757)	*	703	2005-07-31	644	Palomar	NEAT
(553763)	*	G96	2006-11-11	691	Kitt Peak	Spacewatch
(553771)	*	G96	2011-11-23	G96	Mount Lemmon	Mount Lemmon Survey
(553774)	*	F51	2009-02-02	691	Kitt Peak	Spacewatch
(553789)	*	G96	2002-02-06	644	Palomar	NEAT
(553825)	*	691	2006-09-16	703	Catalina	CSS
(553908)	*	G96	2006-11-24	G96	Mount Lemmon	Mount Lemmon Survey
(553915)	*	F51	2001-10-18	644	Palomar	NEAT
(553918)	*	F51	2003-03-31	691	Kitt Peak	Spacewatch
(553923)	*	F51	2006-09-14	703	Catalina	CSS
(553950)	*	F51	2003-01-29	645	Apache Point	Sloan Digital Sky Survey
(553954)	*	691	2010-10-10	G96	Mount Lemmon	Mount Lemmon Survey
(553971)	*	F51	2012-01-19	F51	Haleakala	Pan-STARRS 1
(553990)	*	G96	2012-03-27	703	Catalina	CSS
(554026)	*	F51	2012-04-20	F51	Haleakala	Pan-STARRS 1
(554036)	*	G96	2003-01-31	291	Kitt Peak	Spacewatch
(554050)	*	691	2012-05-02	691	Kitt Peak	Spacewatch
(554088)	*	691	2012-04-27	F51	Haleakala	Pan-STARRS 1
(554122)	*	G96	2012-06-17	G96	Mount Lemmon	Mount Lemmon Survey
(554130)	*	A13	2012-08-07	A13	Marly	F. Kocher
(554178)	*	J04	2012-08-17	J04	Tenerife	ESA Optical Ground Station
(554240)	*	G96	2012-08-11	H21	Westfield	T. Vorobjov, R. Holmes
(554293)	*	G96	1996-09-13	691	Kitt Peak	Spacewatch
(554379)	*	G96	2007-11-07	691	Kitt Peak	Spacewatch
(554418)	*	F51	2006-08-28	691	Kitt Peak	Spacewatch
(554422)	*	F51	2012-10-11	F51	Haleakala	Pan-STARRS 1
(554455)	*	F51	2007-11-05	691	Kitt Peak	Spacewatch
(554473)	*	F51	2006-09-20	703	Catalina	CSS
(554550)	*	G96	2012-10-11	F51	Haleakala	Pan-STARRS 1
(554572)	*	G96	2002-11-13	735	Needville	J. Dellinger
(554618)	*	691	2010-03-16	G96	Mount Lemmon	Mount Lemmon Survey
(554665)	*	G96	2012-10-22	F51	Haleakala	Pan-STARRS 1

(554681)	*	G96	2012-10-20	691	Kitt Peak	Spacewatch
(554752)	*	G96	2006-02-07	691	Kitt Peak	Spacewatch
(554756)	*	F51	1995-10-24	691	Kitt Peak	Spacewatch
(554827)	*	F51	2001-10-24	644	Palomar	NEAT
(554915)	*	G96	2009-01-25	691	Kitt Peak	Spacewatch
(554930)	*	G96	2002-11-16	644	Palomar	NEAT
(554940)	*	I41	2005-11-06	703	Catalina	CSS
(554956)	*	W84	2013-04-09	F51	Haleakala	Pan-STARRS 1
(555035)	*	F51	2016-04-10	F51	Haleakala	Pan-STARRS 1
(555058)	*	F51	2009-10-24	691	Kitt Peak	Spacewatch
(555062)	*	F51	2011-02-25	G96	Mount Lemmon	Mount Lemmon Survey
(555109)	*	G96	2011-02-10	G96	Mount Lemmon	Mount Lemmon Survey
(555117)	*	G96	2012-04-27	F51	Haleakala	Pan-STARRS 1
(555201)	*	G96	2013-09-06	691	Kitt Peak	Spacewatch
(555210)	*	G96	2003-10-23	645	Apache Point	Sloan Digital Sky Survey
(555243)	*	J43	2002-08-29	644	Palomar	NEAT
(555246)	*	I41	2003-10-17	645	Apache Point	Sloan Digital Sky Survey
(555264)	*	691	2013-10-06	691	Kitt Peak	Spacewatch
(555268)	*	G96	2013-10-09	G96	Mount Lemmon	Mount Lemmon Survey
(555382)	*	F51	1999-02-07	691	Kitt Peak	Spacewatch
(555426)	*	F51	2011-04-02	F51	Haleakala	Pan-STARRS 1
(555475)	*	F51	2007-11-04	691	Kitt Peak	Spacewatch
(555488)	*	691	2001-09-19	645	Apache Point	Sloan Digital Sky Survey
(555546)	*	F51	2001-11-12	645	Apache Point	Sloan Digital Sky Survey
(555557)	*	J43	2002-10-04	644	Palomar	NEAT
(555614)	*	G96	2009-01-31	G96	Mount Lemmon	Mount Lemmon Survey
(555626)	*	F51	2007-12-16	621	Bergisch Gladbach	W. Bickel
(555659)	*	691	2009-09-17	G96	Mount Lemmon	Mount Lemmon Survey
(555686)	*	691	2011-05-26	G96	Mount Lemmon	Mount Lemmon Survey
(555705)	*	F51	2003-03-25	699	Anderson Mesa	LONEOS
(555706)	*	F51	2014-02-26	F51	Haleakala	Pan-STARRS 1
(555738)	*	G96	2003-03-11	644	Palomar	NEAT
(555756)	*	F51	2012-02-28	F51	Haleakala	Pan-STARRS 1
(555757)	*	F51	2013-04-11	F51	Haleakala	Pan-STARRS 1
(555768)	*	G96	2016-07-04	F51	Haleakala	Pan-STARRS 1
(555776)	*	F51	2003-10-19	691	Kitt Peak	Spacewatch
(555795)	*	691	2010-02-18	G96	Mount Lemmon	Mount Lemmon Survey
(555805)	*	G96	2008-10-07	691	Kitt Peak	Spacewatch
(555868)	*	G45	2008-08-06	B44	Eygalayes	P. Sogorb
(555908)	*	F51	2004-08-20	691	Kitt Peak	Spacewatch
(555909)	*	F51	2014-04-05	F51	Haleakala	Pan-STARRS 1
(555926)	*	691	2014-02-26	G96	Mount Lemmon	Mount Lemmon Survey
(555942)	*	W84	2014-04-01	G96	Mount Lemmon	Mount Lemmon Survey
(555961)	*	W84	2008-12-04	691	Kitt Peak	Spacewatch
(555962)	*	W84	2015-07-19	F51	Haleakala	Pan-STARRS 1
(555964)	*	W84	2015-09-25	F51	Haleakala	Pan-STARRS 1
(555967)	*	W84	1999-11-03	691	Kitt Peak	Spacewatch
(555991)	*	J43	2000-04-04	699	Anderson Mesa	LONEOS
(556004)	*	F51	2011-01-15	F51	Haleakala	Pan-STARRS 1
(556075)	*	G96	2010-10-12	G96	Mount Lemmon	Mount Lemmon Survey
(556115)	*	F51	2011-09-02	F51	Haleakala	Pan-STARRS 1
(556130)	*	F51	2011-04-30	F51	Haleakala	Pan-STARRS 1
(556144)	*	G96	2009-01-16	G96	Mount Lemmon	Mount Lemmon Survey
(556159)	*	F51	2003-03-26	645	Apache Point	Sloan Digital Sky Survey
(556173)	*	G96	2006-01-23	691	Kitt Peak	Spacewatch

(556276)	*	F51	2002-08-30	644	Palomar	NEAT
(556293)	*	F51	2007-09-25	G96	Mount Lemmon	Mount Lemmon Survey
(556308)	*	F51	2010-11-16	I41	Palomar	Palomar Transient Factory
(556310)	*	F51	2010-09-02	G96	Mount Lemmon	Mount Lemmon Survey
(556348)	*	F51	2001-03-15	691	Kitt Peak	Spacewatch
(556416)	*	F51	2011-08-04	F51	Haleakala	Pan-STARRS 1
(556482)	*	F51	2014-08-03	F51	Haleakala	Pan-STARRS 1
(556489)	*	F51	2004-01-17	691	Kitt Peak	Spacewatch
(556503)	*	F51	2006-09-20	691	Kitt Peak	Spacewatch
(556560)	*	F51	1995-10-15	691	Kitt Peak	Spacewatch
(556568)	*	F51	2014-08-22	F51	Haleakala	Pan-STARRS 1
(556620)	*	F51	2006-09-30	705	Apache Point	SDSS Collaboration
(556679)	*	F51	2008-02-28	G96	Mount Lemmon	Mount Lemmon Survey
(556727)	*	F51	2005-10-26	691	Kitt Peak	Spacewatch
(556745)	*	F51	2010-11-03	G96	Mount Lemmon	Mount Lemmon Survey
(556746)	*	F51	2001-11-11	645	Apache Point	Sloan Digital Sky Survey
(556796)	*	F51	2014-08-23	F51	Haleakala	Pan-STARRS 1
(556831)	*	G96	2000-03-09	691	Kitt Peak	Spacewatch
(556858)	*	F51	2006-11-13	703	Catalina	CSS
(556863)	*	F51	2006-11-20	691	Kitt Peak	Spacewatch
(556874)	*	F51	2012-01-27	691	Kitt Peak	Spacewatch
(556879)	*	F51	2014-08-27	F51	Haleakala	Pan-STARRS 1
(556904)	*	F51	2014-08-27	F51	Haleakala	Pan-STARRS 1
(556921)	*	F51	2010-11-06	G96	Mount Lemmon	Mount Lemmon Survey
(556991)	*	G96	2001-10-15	645	Apache Point	Sloan Digital Sky Survey
(557054)	*	F51	2005-11-01	691	Kitt Peak	Spacewatch
(557067)	*	621	2005-10-28	599	Campo Imperatore	CINEOS
(557127)	*	703	2001-12-18	645	Apache Point	Sloan Digital Sky Survey
(557170)	*	G96	2001-10-11	691	Kitt Peak	Spacewatch
(557173)	*	G96	2000-05-05	645	Apache Point	Sloan Digital Sky Survey
(557179)	*	G96	2005-10-09	691	Kitt Peak	Spacewatch
(557224)	*	F51	2014-10-01	F51	Haleakala	Pan-STARRS 1
(557268)	*	691	2013-07-01	F51	Haleakala	Pan-STARRS 1
(557288)	*	691	2013-07-13	F51	Haleakala	Pan-STARRS 1
(557330)	*	G96	2005-12-04	691	Kitt Peak	Spacewatch
(557332)	*	691	2008-04-29	691	Kitt Peak	Spacewatch
(557366)	*	G96	2008-03-05	G96	Mount Lemmon	Mount Lemmon Survey
(557440)	*	F51	2014-10-25	F51	Haleakala	Pan-STARRS 1
(557459)	*	G45	2007-03-09	703	Catalina	CSS
(557481)	*	691	2014-10-23	691	Kitt Peak	Spacewatch
(557523)	*	F51	2014-09-18	F51	Haleakala	Pan-STARRS 1
(557542)	*	G96	2009-09-25	703	Catalina	CSS
(557591)	*	F51	2005-10-24	691	Kitt Peak	Spacewatch
(557599)	*	F51	2014-11-17	F51	Haleakala	Pan-STARRS 1
(557610)	*	F51	2012-03-17	G96	Mount Lemmon	Mount Lemmon Survey
(557693)	*	F51	2008-03-02	691	Kitt Peak	Spacewatch
(557724)	*	F51	2010-12-03	G96	Mount Lemmon	Mount Lemmon Survey
(557759)	*	F51	2001-08-01	644	Palomar	NEAT
(557774)	*	F51	2009-09-21	691	Kitt Peak	Spacewatch
(557813)	*	F51	2014-11-21	F51	Haleakala	Pan-STARRS 1
(557825)	*	F51	2014-11-21	F51	Haleakala	Pan-STARRS 1
(557838)	*	G96	2006-01-23	691	Kitt Peak	Spacewatch
(557843)	*	F51	2001-10-15	644	Palomar	NEAT
(557852)	*	F51	2002-01-14	644	Palomar	NEAT
(557854)	*	F51	2014-10-23	703	Catalina	CSS

(557871)	*	F51	2014-11-22	F51	Haleakala	Pan-STARRS 1
(557874)	*	F51	2003-10-23	645	Apache Point	Sloan Digital Sky Survey
(557884)	*	F51	2009-09-21	G96	Mount Lemmon	Mount Lemmon Survey
(557900)	*	F51	2014-08-30	F51	Haleakala	Pan-STARRS 1
(557937)	*	F51	2003-10-22	645	Apache Point	Sloan Digital Sky Survey
(557968)	*	F51	2013-12-07	F51	Haleakala	Pan-STARRS 1
(558000)	*	F51	2007-03-26	G96	Mount Lemmon	Mount Lemmon Survey
(558025)	*	691	1995-10-19	691	Kitt Peak	Spacewatch
(558054)	*	F51	2007-09-15	G96	Mount Lemmon	Mount Lemmon Survey
(558119)	*	G96	2009-10-22	G96	Mount Lemmon	Mount Lemmon Survey
(558136)	*	G96	2009-11-21	691	Kitt Peak	Spacewatch
(558185)	*	J04	2011-04-30	691	Kitt Peak	Spacewatch
(558236)	*	F51	2004-01-31	645	Apache Point	Sloan Digital Sky Survey
(558355)	*	F51	2011-04-05	G96	Mount Lemmon	Mount Lemmon Survey
(558391)	*	F51	2015-01-14	F51	Haleakala	Pan-STARRS 1
(558469)	*	F51	2012-08-26	F51	Haleakala	Pan-STARRS 1
(558483)	*	F51	2007-10-18	G96	Mount Lemmon	Mount Lemmon Survey
(558519)	*	F51	2013-08-12	691	Kitt Peak	Spacewatch
(558550)	*	F51	2002-11-05	644	Palomar	NEAT
(558565)	*	J43	2011-04-29	G96	Mount Lemmon	Mount Lemmon Survey
(558617)	*	G96	2006-05-07	G96	Mount Lemmon	Mount Lemmon Survey
(558618)	*	G96	2013-10-23	F51	Haleakala	Pan-STARRS 1
(558651)	*	F51	2015-01-17	F51	Haleakala	Pan-STARRS 1
(558695)	*	F51	2014-12-26	F51	Haleakala	Pan-STARRS 1
(558711)	*	G96	2008-11-07	G96	Mount Lemmon	Mount Lemmon Survey
(558799)	*	F51	2008-10-20	G96	Mount Lemmon	Mount Lemmon Survey
(558822)	*	691	2015-01-18	691	Kitt Peak	Spacewatch
(558863)	*	F51	2015-01-18	F51	Haleakala	Pan-STARRS 1
(558901)	*	F51	2002-10-30	644	Palomar	NEAT
(558902)	*	F51	2003-01-29	645	Apache Point	Sloan Digital Sky Survey
(558944)	*	F51	2010-06-04	C51	WISE	WISE
(558949)	*	F51	2012-08-13	F51	Haleakala	Pan-STARRS 1
(558965)	*	G96	2004-02-11	644	Palomar	NEAT
(558975)	*	F51	2001-08-23	691	Kitt Peak	Spacewatch
(558987)	*	F51	2012-06-16	F51	Haleakala	Pan-STARRS 1
(559014)	*	F51	1999-04-11	691	Kitt Peak	Spacewatch
(559041)	*	F51	2004-01-19	691	Kitt Peak	Spacewatch
(559074)	*	F51	2007-09-10	G96	Mount Lemmon	Mount Lemmon Survey
(559089)	*	F51	2015-01-20	F51	Haleakala	Pan-STARRS 1
(559118)	*	F51	2005-03-11	G96	Mount Lemmon	Mount Lemmon Survey
(559138)	*	F51	2008-09-25	691	Kitt Peak	Spacewatch
(559176)	*	F51	2014-03-25	F51	Haleakala	Pan-STARRS 1
(559177)	*	F51	2013-01-18	F51	Haleakala	Pan-STARRS 1
(559178)	*	F51	2013-02-15	F51	Haleakala	Pan-STARRS 1
(559179)	*	F51	2013-02-14	F51	Haleakala	Pan-STARRS 1
(559180)	*	F51	2011-01-16	F51	Haleakala	Pan-STARRS 1
(559182)	*	F51	2012-05-20	F51	Haleakala	Pan-STARRS 1
(559243)	*	F51	2016-03-31	F51	Haleakala	Pan-STARRS 1
(559309)	*	703	2010-04-26	G96	Mount Lemmon	Mount Lemmon Survey
(559361)	*	F51	2013-09-12	G96	Mount Lemmon	Mount Lemmon Survey
(559367)	*	F51	2008-11-21	691	Kitt Peak	Spacewatch
(559373)	*	G96	2008-12-05	691	Kitt Peak	Spacewatch
(559398)	*	F51	2015-01-19	G96	Mount Lemmon	Mount Lemmon Survey
(559437)	*	F51	2010-01-08	291	Kitt Peak	Spacewatch
(559482)	*	F51	2007-10-19	691	Kitt Peak	Spacewatch

(559486)	*	F51	2001-10-23	644	Palomar	NEAT
(559494)	*	F51	2013-11-11	691	Kitt Peak	Spacewatch
(559513)	*	F51	2001-10-25	645	Apache Point	Sloan Digital Sky Survey
(559652)	*	F51	2011-08-01	F51	Haleakala	Pan-STARRS 1
(559655)	*	F51	2001-11-20	209	Cima Ekar	Asiago-DLR Asteroid Survey
(559682)	*	F51	2010-01-11	691	Kitt Peak	Spacewatch
(559691)	*	F51	2012-10-17	F51	Haleakala	Pan-STARRS 1
(559702)	*	G96	2010-03-18	G96	Mount Lemmon	Mount Lemmon Survey
(559711)	*	F51	2015-01-25	F51	Haleakala	Pan-STARRS 1
(559752)	*	F51	2010-03-23	G96	Mount Lemmon	Mount Lemmon Survey
(559761)	*	F51	2013-11-27	691	Kitt Peak	Spacewatch
(559801)	*	F51	2012-03-29	F51	Haleakala	Pan-STARRS 1
(559840)	*	F51	2011-08-24	E12	Siding Spring	Siding Spring Survey
(559850)	*	F51	2015-02-16	F51	Haleakala	Pan-STARRS 1
(559911)	*	F51	2004-01-31	691	Kitt Peak	Spacewatch
(559959)	*	F51	2008-12-22	G96	Mount Lemmon	Mount Lemmon Survey
(559965)	*	F51	2003-09-22	691	Kitt Peak	Spacewatch
(559980)	*	F51	2001-09-18	699	Anderson Mesa	LONEOS
(560088)	*	F51	2005-05-07	G96	Mount Lemmon	Mount Lemmon Survey
(560093)	*	F51	2005-08-04	644	Palomar	NEAT
(560196)	*	F51	2003-02-22	644	Palomar	NEAT
(560206)	*	F51	2005-07-30	644	Palomar	NEAT
(560365)	*	F51	2007-11-11	G96	Mount Lemmon	Mount Lemmon Survey
(560414)	*	F51	2012-03-29	F51	Haleakala	Pan-STARRS 1
(560424)	*	F51	2009-03-21	G96	Mount Lemmon	Mount Lemmon Survey
(560426)	*	F51	2006-09-17	691	Kitt Peak	Spacewatch
(560438)	*	F51	2009-03-03	703	Catalina	CSS
(560518)	*	F51	2005-07-04	644	Palomar	NEAT
(560557)	*	G96	2009-03-01	691	Kitt Peak	Spacewatch
(560588)	*	F51	2006-08-21	691	Kitt Peak	Spacewatch
(560650)	*	F51	2015-02-24	F51	Haleakala	Pan-STARRS 1
(560694)	*	F52	2008-04-03	G96	Mount Lemmon	Mount Lemmon Survey
(560701)	*	G96	2008-01-06	568	Maunakea	P. A. Wiegert, A. M. Gilbert
(560775)	*	F51	2008-09-23	691	Kitt Peak	Spacewatch
(560793)	*	F51	2005-09-25	691	Kitt Peak	Spacewatch
(560803)	*	F51	2014-01-25	F51	Haleakala	Pan-STARRS 1
(560820)	*	F51	2015-05-21	F51	Haleakala	Pan-STARRS 1
(560829)	*	F51	2005-12-28	644	Palomar	NEAT
(560845)	*	F51	2006-12-27	691	Kitt Peak	Spacewatch
(560887)	*	F51	2005-10-30	G96	Mount Lemmon	Mount Lemmon Survey
(718863)	*	G96	2017-08-31	C42	Xingming	X. Liao, X. Gao
(719979)	*	L87	2022-08-16	L87	Hakos	G. Duszanowicz, J. Camarasa

New Names of Minor Planets

The following new names of minor planets have been approved by the WGSBN. Discovery details, for information only, are given in the following order: date of discovery; discoverer(s) name(s); discovery site; discovery site observatory code. The discoverer(s) name(s) is/are followed by an asterisk if this is a change from what was published when the object was numbered.

(5963) Terryalfriend = 1990 QP_2

Discovery: 1990-08-24 / H. E. Holt / Palomar / 675

American academic Kyle "Terry" Alfriend (b. 1940) is a distinguished professor in the Department of Aerospace Engineering at Texas A&M University. His primary research involves space surveillance, formation flying, and topics in astrodynamics. He has made significant contributions to the aerospace industry, including research, development, and management.

(5964) Johnjunkins = 1990 QN_4

Discovery: 1990-08-23 / H. E. Holt / Palomar / 675

American academic John L. Junkins (b. 1943) is a distinguished professor of aerospace engineering and holder of the Royce E. Wisenbaker Chair of Innovation in the Department of Aerospace Engineering at Texas A&M University. His primary research specializes in spacecraft guidance, navigation, and control, especially with applications to astrodynamics.

(50252) Dianahannikainen = 2000 BE_{23}

Discovery: 2000-01-30 / CSS / Catalina / 703

Diana Hannikainen (b. 1967) is a Finnish-American astronomer who received her Ph.D. in high-energy astrophysics concentrating on microquasars and radio astronomy. She joined the *Sky & Telescope* staff in 2017 as a science communicator, becoming Editor-in-Chief of the magazine in 2024.

(51529) Marksimpson = 2001 FB_{128}

Discovery: 2001-03-31 / W. K. Y. Yeung / Desert Beaver / 919

Mark Simpson (b. 1969) is a Canadian scientist trained in electronic design and software engineering. His research focuses on asteroid occultations and tornadoes. His 2023 invention "ASTRID" has been adopted by many occultation observers. Mark used it to discover the binary nature of (5232), and the fact that TYC 5260–00005–1 is a close double star.

(567329) Zinaida = 2001 BY_{84}

Discovery: 2009-09-24 / T. V. Kryachko, B. Satovski / Zelenchukskaya / 114

Zinaida Voronina, born Zinaida Borisovna Druzhinina (1947–2001), was an artistic gymnast who became the first Olympic champion in the history of Mari sports. At the 1968 Olympics in Mexico City, she won gold, silver and bronze medals.

(573759) Rocheva = 2009 SV_{267}

Discovery: 2009-09-17 / T. V. Kryachko, B. Satovski / Zelenchukskaya / 114

Nina Rocheva, born Nina Petrovna Selyunina (1948–2022), was a cross-country skier who became the first world champion in the history of Mari sports. She won a silver medal in the 4 × 5 km relay at the 1980 Winter Olympics in Lake Placid, New York.

(592170) Arkadyinin = 2014 QK_{20}

Discovery: 2011-11-24 / T. Kryachko, B. Satovski / Zelenchukskaya / 114

Arkady Inin (b. 1938) is a Russian screenwriter. His scripts have received many awards, including the Golden Anchor, the Little Golden Calf, the prize of the All-Union competition, and golds at film festivals in Italy and Bulgaria. The most famous movies of his scripts are *Once Upon a Time Twenty Years Later* and *Offered for Singles*.

(718492) Quro = 2017 FZ_{233}

*Discovery: 2017-03-22 / COIAS * / Maunakea / T09*

Quro (b. 1985) is a Japanese manga artist who created the comic *Asteroid in Love*. Real astronomical events and institutes appear in the work as models. Thanks to "Chura Ken", an event held on Ishigakijima Island, finding new asteroids and astronomical phenomena has become popular among young students, giving them real research experiences.

(719612) Hoshizaki = 2019 UW_{157}

*Discovery: 2019-10-27 / COIAS * / Maunakea / T09*

Hoshizaki is a fictional high school in the Japanese comic *Asteroid in Love* created by Quro. The main characters have a dream of discovering asteroids. Through Earth Science Club activities at the school, they met like-minded friends and experts for asteroid searching, making their dream come true. Finally, they named an asteroid they discovered Hoshizaki.

(729034) Yinqiang = 2010 YQ

Discovery: 2010-12-26 / Z. Xu, X. Gao / Xingming / C42

Qiang Yin (b. 1962) is an amateur astronomer from Deyang, Sichuan. He is a member of the Xingming Observatory's Sky Survey Team and has discovered many new objects, including asteroids, M31 novae, supernovae and near-Earth objects.

Recent Comet Namings & Numberings

Recently-assigned comet names and numbering of periodic comets are listed below. The recently-assigned names list indicates, using an asterisk, any comet whose discovery is eligible for the Edgar Wilson Award (for multi-part names, the eligibility of each part is indicated by a dash [no] or an asterisk [yes]), as well as the reference where the name first appears (this may not be the circular announcing the discovery, or the first appearance of a name if the name was modified subsequently). If a date appears as the reference, it refers to the date that a News note of a name change appeared on the WGSBN website. If a name contains accented characters, the approved ASCII-only version of the name is included between [...]: note that any print, PDF or web usage must use the proper accented form. Newly-numbered objects that are being accorded dual status are flagged as such.

Recent Namings (in reverse chronological order)

C/2024 V2 (Sárneczky) [Sarneczky]		*MPEC* 2024-W9
C/2024 T5 (ATLAS)		*MPEC* 2024-V97
C/2024 U1 (PANSTARRS)		*MPEC* 2024-V81
C/2024 V1 (Borisov)	*	*MPEC* 2024-V184
C/2024 T3 (PANSTARRS)		*MPEC* 2024-U17
P/2024 T2 (Rankin)		*MPEC* 2024-U16
P/2024 S2 (Rankin)		*MPEC* 2024-T259
P/2024 T1 (Rankin)		*MPEC* 2024-T181
C/2024 S1 (ATLAS)		*MPEC* 2024-T22
C/2024 R4 (PANSTARRS)		*MPEC* 2024-S12
P/2024 R3 (PANSTARRS)		*MPEC* 2024-S11
C/2024 Q4 (PANSTARRS)		*MPEC* 2024-S10
P/2024 R2 (PANSTARRS)		*MPEC* 2024-R202
P/2024 R1 (PANSTARRS)		*MPEC* 2024-R182
C/2024 Q3 (PANSTARRS)		*MPEC* 2024-R181
P/2024 Q1 (PANSTARRS)		*MPEC* 2024-Q87
P/2023 JN_{16} (Lemmon)		*MPEC* 2024-Q4
C/2023 TD_{22} (Lemmon)		*MPEC* 2024-P107
P/2024 O2 (PANSTARRS)		*MPEC* 2024-P90
488P/2024 N6 = P/2002 QU_{151} (NEAT-PANSTARRS)		*MPEC* 2024-P41
C/2024 O1 (PANSTARRS)		*MPEC* 2024-P21
C/2024 N4 (Sárneczky) [Sarneczky]		*MPEC* 2024-O41
C/2024 M1 (ATLAS)		*MPEC* 2024-O20
C/2024 L5 (ATLAS)		*MPEC* 2024-O19
C/2024 N3 (Sárneczky) [Sarneczky]		*MPEC* 2024-O11
P/2024 N2 = P/2010 T8 = P/2017 R2 (PANSTARRS)		*MPEC* 2024-N123

C/2024 N1 (PANSTARRS)		*MPEC* 2024-N107
P/2024 L4 (Rankin)		*MPEC* 2024-N106
C/2024 L3 (PANSTARRS)		*MPEC* 2024-N105
C/2024 L2 (PANSTARRS)		*MPEC* 2024-M24
P/2024 K1 (PANSTARRS)		*MPEC* 2024-L114
C/2024 L1 (PANSTARRS)		*MPEC* 2024-L5
P/2024 FG_9 (Nanshan-Hahn)	-*	*MPEC* 2024-L4
C/2024 J4 (Lemmon)		*MPEC* 2024-K128
C/2024 J3 (ATLAS)		*MPEC* 2024-K118
C/2024 G7 (ATLAS)		*MPEC* 2024-K41
C/2024 J2 (Wierzchoś) [Wierzchos]		*MPEC* 2024-K31
C/2024 G6 (ATLAS)		*MPEC* 2024-J134
P/2024 J1 (PANSTARRS)		*MPEC* 2024-J133
C/2024 G5 (Leonard)		*MPEC* 2024-J126
C/2024 G4 (PANSTARRS)		*MPEC* 2024-J123
485P/2022 U6 = P/2006 AH_2 (Sheppard-Tholen)		*MPEC* 2024-H65
C/2024 G3 (ATLAS)		*MPEC* 2024-H22
C/2024 G2 (ATLAS)		*MPEC* 2024-H20
C/2024 G1 (Wierzchoś) [Wierzchos]		*MPEC* 2024-H10

Recent Numberings

493P/2005 SB_{216} = P/2004 Q2 (LONEOS)	*MPC* 175764
492P/2010 WK = P/2010 PB_{57} = P/2024 O3 (LINEAR)	*MPC* 175764
491P/2014 MG_4 = P/2024 K2 (Spacewatch-PANSTARRS)	*MPC* 175764
490P/2019 M2 = P/2024 C6 (ATLAS)	*MPC* 175764
489P/1894 F1 = P/2007 HE_4 (Denning)	*MPC* 175764
488P/2024 N6 = P/2002 QU_{151} (NEAT-PANSTARRS)	*MPC* 175764
487P/2012 US_{27} = P/2024 N5 (Siding Spring)	*MPC* 175764
486P/2018 L5 = P/2024 H1 (Leonard)	*MPC* 174198
485P/2022 U6 = P/2006 AH_2 (Sheppard-Tholen)	*MPC* 172941
484P/2005 XR_{132} (Spacewatch)	*MPC* 172941
483P/2016 J1 = P/2010 M9 = P/2020 Y6 = P/2021 K5 (PANSTARRS)	*MPC* 171409
482P/2014 VF_{40} (PANSTARRS)	*MPC* 171409
481P/2012 WA_{34} = P/2024 C5 (Lemmon-PANSTARRS)	*MPC* 171409
480P/2014 A3 = P/2023 X6 (PANSTARRS)	*MPC* 169139
479P/2011 NO_1 = P/2023 WM_{26} (Elenin)	*MPC* 169139
478P/2023 Y3 = P/2017 BQ_{100} (ATLAS)	*MPC* 169139
477P/2018 P3 = P/2023 V8 (PANSTARRS)	*MPC* 169139
476P/2015 HG_{16} = P/2023 W2 (PANSTARRS)	*MPC* 169139
475P/2004 DO_{29} = P/2023 V7 (Spacewatch-LINEAR)	*MPC* 169139
474P/2023 S4 = P/2017 O4 (Hogan)	*MPC* 169139
473P/2001 Q6 = P/2023 W1 (NEAT)	*MPC* 169139

Standard Acronyms & Abbreviations

The standard acronyms that may be used in citations without needing to be expanded are listed at:

https://www.wgsbn-iau.org/documentation/AcronymsAndAbbreviations.html.

Statistics & Links

There are currently 24985 named minor planets/dwarf planets and 42 named satellites of minor planets/dwarf planets.

Discoverers of minor planets may submit name proposals via the WGSBN voting website at:

https://www.wgsbn-iau.org/cgi-bin/submission.py

Registration is required to access this site. Requests for access should be made to `contact@wgsbn-iau.org`.

The form for IAU members to express interest in being a Rotating Member of the WGSBN in future years is available at:

https://www.wgsbn-iau.org/rotating_members.html

Archival copies of the *Bulletin*, as well as machine-readable datafiles of new names, citations and corrigenda from each issue, are available on the WGSBN website:

https://www.wgsbn-iau.org/

The *Bulletin* is also available from the Publications section of the IAU website:

https://www.iau.org/publications/iau/wgsbn-bulletins/

The email address for the WGSBN is `contact@wgsbn-iau.org`

WGSBN Members

There are 15 members of the WGSBN, 11 of whom are voting members. The other four members, who are *ex-officio*, are the President and General Secretary of the IAU, and representatives for the IAU WG Planetary System Nomenclature and the IAU Minor Planet Center.

The current members of the WGSBN are listed below:

- Jana Tichá, Chair
- Keith Noll, Vice-Chair
- Gareth Williams, Secretary
- Yuliya Chernetenko
- Julio Fernández
- Daniel Green
- Pam Kilmartin
- Syuichi Nakano
- Ryan S. Park. (Rotating Member)
- Driss Takir (Rotating Member)
- Jin Zhu
- Willy Benz, *ex-officio* (IAU President)
- Diana Mary Worrall, *ex-officio* (IAU General Secretary)
- Rita Schulz, *ex-officio* (WGPSN)
- Peter Vereš, *ex-officio* (MPC)

The WGSBN is a functional Working Group of the IAU, under the Executive Committee.