

# WGSBN Bulletin



Volume 4, #14

2024 October 14



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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 *MPCs*).

Reference	Line(s)	
MPC 78270	-23	For Stephane read Stéphane
		[(58460) citation]
Bull. 4, #13, 18	-16	For Lidia Mabel read Lida Melba
		[(20054) 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)
(42113)		185	2001-01-15	185	Vicques	M. Ory
(42191)		185	2001-02-14	185	Vicques	M. Ory
(46095)		185	2001-03-15	185	Vicques	M. Ory
(77755)		185	2001-08-13	185	Vicques	M. Ory
(648144)	*	114	2009-07-20	114	Zelenchukskaya	T. V. Kryachko, B. Satovski
(648211)	*	691	2009-08-30	114	Zelenchukskaya	T. V. Kryachko, B. Satovski
(720116)	*	645	2010-06-11	C51	WISE	WISE
(720119)	*	645	2010-06-26	C51	WISE	WISE
(720166)	*	691	2010-05-23	C51	WISE	WISE
(720172)	*	645	2010-06-26	C51	WISE	WISE
(720186)	*	691	2010-06-17	C51	WISE	WISE
(720261)	*	645	2010-04-24	C51	WISE	WISE
(720268)	*	645	2010-05-01	C51	WISE	WISE
(720318)	*	645	2010-05-01	C51	WISE	WISE
(720337)	*	645	2010-05-23	C51	WISE	WISE
(720372)	*	691	2010-06-24	C51	WISE	WISE
(720437)	*	807	2010-05-14	C51	WISE	WISE
(720440)	*	691	2010-06-06	C51	WISE	WISE
(720474)	*	691	2001-08-23	691	Kitt Peak	Spacewatch
(720478)	*	695	2010-06-15	C51	WISE	WISE
(720494)	*	644	2010-08-07	C51	WISE	WISE
(720496)	*	645	2001-10-15	644	Palomar	NEAT
(720524)	*	644	2001-10-18	291	Kitt Peak	Spacewatch

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(720627)
              291 2010-05-28 C51
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(720664)
                  2002-02-21
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                                   Kitt Peak
                                                          Spacewatch
                                   WISE
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(720683)
              645
                  2010-05-04 C51
              644 2010-06-01 C51
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(720720)
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                                   Mount Lemmon
                                                          Mount Lemmon Survey
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              644 2010-06-03 C51
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(720729)
              644 2010-05-31 C51
                                   WISE
                                                          WISE
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(720756)
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                                                          M. W. Buie
(720805)
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                                   Palomar
                                                          NEAT
(720867)
              644 2002-10-10
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                                   Kitt Peak
                                                          Spacewatch
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                              644
                                   Palomar
                                                          NEAT
(720919)
              644 2002-08-16
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(720928)
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                                                          Spacewatch
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                                                          J. W. Young
              645 2003-10-02 691
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              691 2010-06-14 C51
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                                                          WISE
(721462)
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                                                          Spacewatch
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              691 2010-06-05 C51
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              E12 2010-07-24 C51
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(721951)
              691 2010-06-01 C51
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                                                          Pan-STARRS
(722377)
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(722410)
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(722442)
              703 2010-05-08 C51
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(722451)
             G96 2010-05-30 C51
                                   WISE
                                                          WISE
(726044)
              114 2009-09-17 114
                                   Zelenchukskaya
                                                          T. V. Kryachko, B. Satovski
              691 2009-04-14 114 Zelenchukskaya
                                                          T. V. Kryachko, B. Satovski
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(731596)

# **Numbering of Minor Planet Satellite**

The following satellite of a minor planet is now receiving a Roman numeral designation:

(22899) Alconrad I = S/2003 (22899) 1

## **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.

#### (5376) Maruthiakella = 1990 DD

Discovery: 1990-02-16 / S. Ueda, H. Kaneda / Kushiro / 399

Indian-American aerospace engineer Maruthi R. Akella (b. 1972) is a Professor of Aerospace Engineering and Engineering Mechanics at the University of Texas at Austin. He has been instrumental in advancing the control of complex dynamical systems with large-scale nonlinearities and uncertainties, contributing to many successful applications in astrodynamics.

#### (20056) Roccati = 1993 $FU_{64}$

Discovery: 1993-03-21 / UESAC / La Silla / 809

Alessandro Roccati (b. 1941) is an Italian archaeologist and Egyptologist. He is Emeritus Professor of Egyptology at the University of Turin and a national member of the Italian Academy of Sciences. During his long career he organized and participated in numerous excavation campaigns in Egypt and Sudan.

#### (20057) Fabiorubeo = 1993 GC

Discovery: 1993-04-13 / S. Otomo / Kiyosato / 894

Fabio Rubeo (b. 1973) is an Italian amateur astronomer who has participated in several significant astronomical projects. He also participated in the construction of a 51-cm-diameter apochromatic refractor, which is the world's largest.

#### (22899) Alconrad I = Juliekaibarreto

Discovery: 2003-07-26 / W. J. Merline, P. M. Tamblyn, C. R. Chapman, D. Nesvorny, D. D. Durda, C. Dumas, A. D. Storrs, L. M. Close, F. Menard / Hubble Space Telescope / 250

Julie Kai Barreto (b. 1955) is an American artist and avid outrigger canoe paddler living on the Big Island of Hawaii with her husband, and namesake of the primary asteroid, Al Conrad. She was an attorney before retiring in 2011. Julie and Al have two children and have been together since they shared a European cycling adventure in the summer of 1977.

#### (29159) Asakawa = 1989 GB

Discovery: 1989-04-02 / T. Fujii, K. Watanabe / Kitami / 400

Kanichi Asakawa (1873–1948) was a world-renowned Japanese historian and professor at Yale University. He advocated peace education and campaigned against war.

#### (127737) Ferretti = 2003 FZ<sub>5</sub>

Discovery: 2003-03-26 / F. Bernardi \* / Campo Imperatore / 599

Annalisa Ferretti (b. 1964) is an Italian paleontologist who has been Assistant Professor of Paleontology and Paleoecology at Unimore since 2002. She is President of the Italian Paleontological Society and Ordinary Member of the prestigious National Academy of Sciences, Letters and Arts of Modena.

#### (127965) Ettorecittadini = 2003 HG<sub>22</sub>

Discovery: 2003-04-24 / F. Bernardi, M. Di Martino \* / Campo Imperatore / 599

Ettore Cittadini (b. 1932) is an Italian gynecologist who was a pioneer of medically-assisted reproductive technology. His work has made a great contribution to the future of gender-specific medicine.

#### (168211) Juliechapman = 2006 JF<sub>39</sub>

Discovery: 2006-05-06 / Mount Lemmon Survey / Mount Lemmon / G96

Julie Grauer Chapman (b. 1964) is co-facilitator with the Chapman Foundation for Caring Communities (Clayton, Missouri) where nurses, military service members, firefighters, police officers, and others learn to listen deeply, to use empathy when confrontation is necessary, and to celebrate positive people in their lives.

#### (177866) Barrau = 2005 QL<sub>28</sub>

Discovery: 2005-08-28 / M. Ory / Vicques / 185

Aurélien Barrau (b. 1973) is a French physicist and philosopher, specializing in astroparticle physics, black holes and cosmology. He is the director of the Grenoble Center for Theoretical Physics, works in the CNRS Laboratory for Subatomic Physics and Cosmology, and is a professor at the Université Grenoble Alpes. He has written many popular science books.

#### (327977) Skarga = 2007 FO<sub>34</sub>

Discovery: 2007-03-24 / K. Černis, J. Zdanavičius \* / Molėtai / 152

Piotr Skarga (1536–1612) was a Polish Jesuit preacher, hagiographer and leading figure of the Counter-Reformation in the Polish–Lithuanian Commonwealth. He was a professor at the Kraków Academy and in 1579 he became the first rector of the Vilnius University in Lithuania. Skarga was a prolific writer, and his chief book was titled *The Lives of the Saints*.

#### (669952) Kootker = 2013 DJ<sub>15</sub>

Discovery: 2013-02-21 / M. Langbroek, K. Sárneczky \* / Piszkéstető / 461

Lisette Kootker (b. 1981) is a Dutch geo- and bioarchaeologist and forensic scientist. Her research focus is on the application of radiogenic and stable isotopes in archaeological and forensic research, in order to gain insights into diet and mobility patterns (archaeology) and identify cold-case victims (forensics).

#### (670744) Karsh = 2013 YS<sub>58</sub>

Discovery: 1997-01-14 / G. C. L. Aikman / Dominion / 658

Photographers Yousuf (1908–2002) and Malak (1915–2001) Karsh were brothers of Armenian heritage, who found refuge in Canada at ages 15 and 22 respectively. Yousuf apprenticed with his uncle, George Nakash. A 1941 photograph of Winston Churchill established Yousuf as the greatest portraitist of the 20th century, while Malak is renowned for his landscapes.

#### (701424) Piotrguzik = 2004 TX<sub>378</sub>

Discovery: 2013-12-02 / M. Kusiak, M. Żołnowski \* / Tincana / D03

Piotr Guzik (b. 1985) is a Polish post-doctoral researcher at the Jagiellonian University in Cracow. He is a member of the HYADES project. Guzik has been an active comet observer for over 25 years, and he popularizes knowledge in this field in a very accessible way through social media and lectures.

# **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)

recent rannings (in reverse emonological order)	
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 <sub>16</sub> (Lemmon)	MPEC 2024-Q4
C/2023 TD <sub>22</sub> (Lemmon)	MPEC 2024-P107
P/2024 O2 (PANSTARRS)	MPEC 2024-P90
$488P/2024 \text{ N6} = P/2002 \text{ QU}_{151} \text{ (NEAT-PANSTARRS)}$	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-L59
P/2024 FG <sub>9</sub> (Nanshan-Hahn) -*	MPEC 2024-L4

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C/2024 J4 (Lemmon) C/2024 J3 (ATLAS) C/2024 G7 (ATLAS) C/2024 J2 (Wierzchoś) [Wierzchos] C/2024 G6 (ATLAS) P/2024 J1 (PANSTARRS) C/2024 G5 (Leonard) C/2024 G4 (PANSTARRS) 485P/2022 U6 = P/2006 AH <sub>2</sub> (Sheppard-Tholen) C/2024 G3 (ATLAS) C/2024 G2 (ATLAS) C/2024 G1 (Wierzchoś) [Wierzchos] C/2024 F2 (PANSTARRS) P/2024 F1 (PANSTARRS) C/2024 E2 (Bok)	MPEC 2024-K128 MPEC 2024-K118 MPEC 2024-K41 MPEC 2024-K31 MPEC 2024-J134 MPEC 2024-J126 MPEC 2024-J123 MPEC 2024-J123 MPEC 2024-H65 MPEC 2024-H22 MPEC 2024-H20 MPEC 2024-H10 MPEC 2024-G103 MPEC 2024-G102 MPEC 2024-F91
C/2024 E1 (Wierzchoś) [Wierzchos] C/2021 X2 (Bok) C/2019 O2 (PANSTARRS)	MPEC 2024-E102 MPEC 2024-E8 MPEC 2024-E7
C/2019 G2 (PANSTARRS) 484P/2005 XR <sub>132</sub> (Spacewatch)	MPEC 2024-G1 MPEC 2024-D135
Recent Numberings  493P/2005 SB <sub>216</sub> = P/2004 Q2 (LONEOS)  492P/2010 WK = P/2010 PB <sub>57</sub> = P/2024 O3 (LINEAR)  491P/2014 MG <sub>4</sub> = P/2024 K2 (Spacewatch-PANSTARRS)  490P/2019 M2 = P/2024 C6 (ATLAS)  489P/1894 F1 = P/2007 HE <sub>4</sub> (Denning)  488P/2024 N6 = P/2002 QU <sub>151</sub> (NEAT-PANSTARRS)  487P/2012 US <sub>27</sub> = P/2024 N5 (Siding Spring)  486P/2018 L5 = P/2024 H1 (Leonard)  485P/2022 U6 = P/2006 AH <sub>2</sub> (Sheppard-Tholen)  484P/2005 XR <sub>132</sub> (Spacewatch)  483P/2016 J1 = P/2010 M9 = P/2020 Y6 = P/2021 K5 (PAN	MPC 175764 MPC 175764 MPC 175764 MPC 175764 MPC 175764 MPC 175764 MPC 175764 MPC 174198 MPC 172941 MPC 172941 STARRS) MPC 171409
$482P/2014\ VF_{40}\ (PANSTARRS)$ $481P/2012\ WA_{34} = P/2024\ C5\ (Lemmon-PANSTARRS)$ $480P/2014\ A3 = P/2023\ X6\ (PANSTARRS)$ $479P/2011\ NO_1 = P/2023\ WM_{26}\ (Elenin)$ $478P/2023\ Y3 = P/2017\ BQ_{100}\ (ATLAS)$ $477P/2018\ P3 = P/2023\ V8\ (PANSTARRS)$ $476P/2015\ HG_{16} = P/2023\ W2\ (PANSTARRS)$ $475P/2004\ DO_{29} = P/2023\ V7\ (Spacewatch-LINEAR)$ $474P/2023\ S4 = P/2017\ O4\ (Hogan)$	MPC 171409 MPC 171409 MPC 171409 MPC 169139 MPC 169139 MPC 169139 MPC 169139 MPC 169139 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 24930 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: <a href="https://www.iau.org/publications/iau/wgsbn-bulletins/">https://www.iau.org/publications/iau/wgsbn-bulletins/</a>

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.