



# WGSBN Bulletin



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Cover image: Color image of (243) Ida and (243) Ida I = Dactyl, obtained by the Galileo spacecraft. Courtesy NASA/JPL.

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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 second column (in the *MPCs*).

Reference	Line(s)	
<i>MPC</i> 26766	23	<i>For</i> Brancusi <i>read</i> Brâncuși [(6429) name]
<i>MPC</i> 26766	26	<i>For</i> Constantin Brancusii <i>read</i> Constantin Brâncuși [(6429) citation]
<i>MPC</i> 34355	–39	<i>For</i> Oceax <i>read</i> Oeax [(9713) name]
<i>MPC</i> 34355	–42	<i>For</i> Oceax <i>read</i> Oeax [(9713) citation]
<i>MPC</i> 96930	– 5	<i>For</i> Niklasfauth <i>read</i> Luciafauth [(31911) name]
<i>MPC</i> 96930	– 2 to – 1 &	Replace citation for (31911) with:
<i>MPC</i> 96931	1 to 2	Lucia Fauth (b. 1997) was awarded best of category award and first place in the 2015 Intel ISEF for her embedded systems project. She also received the Intel Foundation Cultural and Scientific Visit to China Award. She attends the Friedrich-Schiller-Gymnasium, Marbach am Neckar, Germany.
<i>Bull.</i> 1, #13, 5	– 1	<i>For</i> (b. 1945) <i>read</i> (b. 1946) [(28793) citation]
<i>Bull.</i> 2, #9, 9	– 3	<i>For</i> Pendes <i>read</i> Épendes [(251485) citation]

## New Names of Minor Planets

The following new names of minor planets have been approved by the WGSSN. 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) names(s) is/are followed by an asterisk if this is a change from what was published when the object was numbered.

### **(29675) Ippolitonievo = 1998 XV<sub>15</sub>**

*Discovery:* 1998-12-15 / Farra d'Isonzo / Farra d'Isonzo / 595

Ippolito Nievo (1831–1861) was an Italian writer, journalist and revolutionary. His *Le Confessioni d'un italiano* (*Confessions of an Italian*) is one of the most important novels about the unification of Italy.

**(43574) Joyharjo = 2001 FU<sub>192</sub>**

*Discovery: 2001-03-26 / M. W. Buie / Kitt Peak / 695*

Joy Harjo (b. 1951) is a member of the Mvskoke Nation and author of poetry, prose, plays, children's books, music albums and other creative works. She is the 23rd Poet Laureate of the United States, a member of the American Academy of Arts and Letters, and recipient of numerous other awards. Joy contributed a poetic message carried on NASA's Lucy spacecraft.

**(56795) Amandagorman = 2000 OE<sub>67</sub>**

*Discovery: 2000-07-31 / M. W. Buie / Cerro Tololo / 807*

Amanda S. C. Gorman (b. 1998) is an American poet. She was the first National Youth Poet Laureate. She advocates for environmental protection, racial and gender equality. She contributed a message of kindness and courage to our descendants etched on the plaque on NASA's Lucy spacecraft.

**(99915) Henarejos = 1997 TR<sub>6</sub>**

*Discovery: 1997-10-02 / ODAS / Caussols / 910*

Philippe Henarejos (b. 1967) is a French science journalist and Editor-in-Chief of the French astronomy magazine *Ciel et Espace*. He is the author of 15 books, mainly celestial handbooks, popularization books, and the book *Ils ont marché sur la Lune*, the story of the Apollo missions.

**(100600) Davidfossé = 1997 RX<sub>1</sub>**

*Discovery: 1997-09-04 / ODAS / Caussols / 910*

David Fossé (b. 1974) is a French science journalist writing for the astronomy magazine *Ciel et Espace*, where he serves as Deputy Editor-in-Chief. He obtained a PhD in astrophysics, with research dedicated to radioastronomy and astrochemistry. He wrote a book about exoplanets.

**(124450) Shyamalan = 2001 QN<sub>264</sub>**

*Discovery: 2001-08-25 / R. A. Tucker / Goodricke-Pigott / 683*

Manoj Nelliyyattu "M. Knight" Shyamalan (b. 1970) is an American filmmaker and actor. Most of his movies have science fiction or supernatural elements, such as *The Sixth Sense* (1999) and *Signs* (2002). He was awarded the Padma Shri by the government of India.

**(177830) Rubenhagen = 2005 NL<sub>44</sub>**

*Discovery: 2005-07-09 / T. Glinos \* / Vail-Jarnac / G92*

David Alfred Rubenhagen (b. 1959) is a Canadian amateur astronomer, rocket and space enthusiast, and accomplished machinist pattern maker. He has built parts for many small- and medium-sized telescopes. Rubenhagen worked with retired astronaut Bjarni Tryggvason to build a radiative-transfer experiment that flew on the International Space Station.

**(185578) Agustinelcasta = 2008 BJ<sub>16</sub>**

*Discovery: 2008-01-28 / OAM / La Sagra / J75*

Agustin Martinez (b. 1963), known as "Agustin El Casta", is a Mallorcan humorist. He is known for his comedic characters, including the Latin lover Lorenzo Llamas and Klaus Kartoffel, a German who tries to blend into Mallorcan life.

**(209374) Sabil = 2004 EC<sub>22</sub>**

*Discovery: 2004-03-15 / C. Rinner \* / Ottmarsheim / 224*

Mohammed Sabil (b. 1976) is a researcher in the department of physics at the Sultan Moulay Slimane University, Morocco. He is one of the founders of the Oukaïmeden Observatory.

**(258323) Róbertbarsa = 2001 UR<sub>225</sub>**

*Discovery: 2001-10-16 / NEAT / Palomar / 644*

Róbert Barsa (b. 1987) is a Slovak amateur astronomer. He is a long-time meteor observer, and an astrophotographer. He was the first Slovak gold medalist at the International Olympiad in Astronomy and Astrophysics. As an active member of the Slovak Astronomical Society, he focuses on the popularization of astronomy.

**(270584) Vlasta = 2002 JG<sub>150</sub>**

*Discovery: 2002-05-07 / NEAT / Palomar / 644*

Vlasta Suchanová (b. 1964) is a nature-loving Slovakian lawyer who spends her free time wandering the mountains and on clear nights she travels far away from the city lights to admire the beauty of the night sky.

**(276163) Tafreshi = 2002 LV<sub>62</sub>**

*Discovery: 2002-06-13 / NEAT / Palomar / 644*

Babak Amin Tafreshi (b. 1978) is an Iranian-born photographer, journalist and amateur astronomer. He was the winner of the 2009 Lennart Nilsson Award for Scientific Photography, and the founder of The World at Night project in order to preserve the night sky from light pollution.

**(286163) Begeni = 2001 TY<sub>260</sub>**

*Discovery: 2001-10-11 / NEAT / Palomar / 644*

Peter “Begi” Begeni (b. 1974) is a Slovak astronomer and information technology specialist. He is an enthusiastic observer, a popularizer of astronomy, and the author of several books. Light pollution and the protection of the night environment are issues near to his heart. He initiated the establishment of three dark sky parks in Slovakia.

**(329069) Russellporter = 2011 BV<sub>7</sub>**

*Discovery: 2006-10-20 / L. H. Wasserman / Kitt Peak / 695*

Russell W. Porter (1871–1949) was the founder of the Springfield Telescope Makers in 1923 and designed its Stellafane Clubhouse built in 1924. The annual Stellafane Convention of amateur telescope makers started in 1926 and has since inspired many thousands of participants toward science and technology.

**(335968) Xiejin = 2007 TW<sub>171</sub>**

*Discovery: 2007-09-21 / PMO NEO Survey Program / XuYi / D29*

Xie Jin (1923–2008) was a Chinese film director. He directed a series of outstanding films, which recorded the change of modern social life in China.

**(343774) Samuelhale = 2011 FN<sub>150</sub>**

*Discovery: 2006-10-20 / L. H. Wasserman / Kitt Peak / 695*

Samuel D. Hale (b. 1942) is Chairman and Chief Executive Officer of the Mount Wilson Institute and grandson of Mount Wilson Observatory's founding director, George Ellery Hale. Hale served also as the founding host of the Alliance of Historic Observatories, an organization devoted to the future well-being of observatories.

**(401820) Špilas = 1996 SP<sub>7</sub>**

*Discovery: 1996-09-30 / M. Tichý, Z. Moravec \* / Klet' / 046*

Špilas is a local dialect name given to the 13th-century castle and fortress dominating the Brno skyline. Originally intended as a royal castle, it was later rebuilt into a huge baroque fortress and used as a prison. The castle is now maintained by the Brno City Museum.

**(465036) Tatm = 2006 QK<sub>13</sub>**

*Discovery: 2006-08-16 / C.-S. Lin, Q.-z. Ye \* / Lulin / D35*

Since 1959, the Taiwan Agricultural Technical Mission (TATM) has collaborated with many countries to improve collection of meteorological data, to develop and introduce crop disaster mitigation techniques, and to increase the availability of agricultural information.

**(530739) Nanligong = 2011 UL<sub>124</sub>**

*Discovery: 2011-10-03 / PMO NEO Survey Program / XuYi / D29*

Nanligong (Nanjing University of Science & Technology) was founded in 1953. It has been devoted to technology development and cultivating mechanical, electronic and optical engineering talents. Nanligong supports Chinese astronomy development, especially in instrumentation.

**(564808) Pallai = 2016 PY<sub>67</sub>**

*Discovery: 2011-08-26 / S. Kürti, K. Sárnecky \* / Piskésetető / 461*

Péter Pallai (b. 1938) is a lifelong jazz fan from Hungary. He joined the BBC's Hungarian Section in 1968, where he hosted a weekly music show. Pallai moved back to Hungary after 40 years in London, and he has been the driving force of Hungarian jazz life ever since.

**(575195) Carpineti = 2011 LG<sub>33</sub>**

*Discovery: 2012-12-06 / M. Kusiak, M. Żołnowski \* / Tincana / D03*

Carpineti is a small town in the Province of Reggio Emilia, Italy. The town is located about 65 km west of Bologna and about 30 km south of the city of Reggio Emilia. Carpineti has a rich history dating back to the reign of Matilda of Tuscany (1055–1115).

**(596588) Jamesliebert = 2005 XN<sub>80</sub>**

*Discovery: 2005-11-29 / CSS / Catalina / 703*

James W. Liebert (b. 1946) is an American astronomer noted for important contributions to the studies of white dwarfs and brown dwarfs. He is a mentor and friend to decades of graduate students and postdoctoral researchers at Steward Observatory at the University of Arizona in Tucson, Arizona.

## 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, 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

C/2022 N2 (PANSTARRS)		<i>MPEC 2022-N48</i>
C/2022 N1 (Attard-Maury)	*	<i>MPEC 2022-N47</i>
P/2022 M1 (PANSTARRS)		<i>MPEC 2022-N46</i>
C/2022 L4 (PANSTARRS)		<i>MPEC 2022-M104</i>
P/2022 L3 (ATLAS)		<i>MPEC 2022-M97</i>
C/2022 L2 (ATLAS)		<i>MPEC 2022-M18</i>
C/2022 L1 (Catalina)		<i>MPEC 2022-L97</i>
C/2022 K1 (Leonard)		<i>MPEC 2022-L53</i>
C/2022 J2 (Bok)		<i>MPEC 2022-M98</i>
C/2022 J1 (Maury-Attard)	*	<i>MPEC 2022-J88</i>
C/2022 H1 (PANSTARRS)		<i>MPEC 2022-J76</i>
C/2022 F2 (NEOWISE)		<i>MPEC 2022-G83</i>
C/2022 F1 (ATLAS)		<i>MPEC 2022-G82</i>
C/2022 E3 (ZTF)		<i>MPEC 2022-F13</i>
C/2022 E2 (ATLAS)		<i>MPEC 2022-E227</i>
P/2022 E1 = P/2005 N11 = P/2015 PO <sub>210</sub> (PANSTARRS-Christensen)		<i>MPEC 2022-H49</i>
C/2022 D2 (Kowalski)		<i>MPEC 2022-E46</i>
P/2022 D1 (PANSTARRS)		<i>MPEC 2022-E07</i>
P/2022 C3 (PANSTARRS)		<i>MPEC 2022-D02</i>
P/2022 C2 (PANSTARRS)		<i>MPEC 2022-D01</i>
P/2022 C1 (PANSTARRS)		<i>MPEC 2022-C74</i>
C/2022 B4 (Bok)		<i>MPEC 2022-E133</i>
P/2022 B1 (Wierzchoś)	[Wierzchos]	<i>MPEC 2022-C2</i>
C/2022 A3 (Lemmon-ATLAS)		<i>MPEC 2022-E107</i>
C/2022 A2 (PANSTARRS)		<i>MPEC 2022-C1</i>



C/2022 A1 (Sárneczky)	[Sarneczky]	MPEC 2022-A59
C/2021 Y1 (ATLAS)		MPEC 2022-A50
C/2021 X1 (Maury-Attard)	*	MPEC 2022-J33
P/2021 V3 = P/2011 UE <sub>215</sub> (Lemmon-PANSTARRS)		2022-05-25
P/2021 V2 (Fuls)		MPEC 2021-V169
C/2021 V1 (Rankin)		MPEC 2021-V167
C/2021 U5 (Catalina)		MPEC 2021-V199
C/2021 U4 (Leonard)		MPEC 2021-V22
P/2021 U3 (Attard-Maury)	*	MPEC 2021-V21
C/2021 T4 (Lemmon)		MPEC 2021-U187
P/2021 U1 (Wierzchoś)	[Wierzchos]	MPEC 2021-U43
P/2021 T3 = P/2015 K6 (PANSTARRS)		MPEC 2021-T184
P/2021 R9 (Sheppard-Tholen)		MPEC 2022-O19
P/2021 R8 (Sheppard)		MPEC 2021-X149
C/2021 QM <sub>45</sub> (PANSTARRS)		MPEC 2022-N12
C/2021 G2 (ATLAS)		MPEC 2021-T206
C/2021 F1 (Lemmon-PANSTARRS)		MPEC 2022-C15
P/2020 WJ5 (Lemmon)		MPEC 2022-H121
P/2020 B4 (Sheppard)		MPEC 2022-D06
P/2016 PM <sub>1</sub> = P/2010 LK <sub>36</sub> = P/2016 MD = P/2022 C4 (WISE-PANSTARRS)		MPEC 2022-M81

### Recent Numberings

443P/2022 E1 = P/2005 N11 = P/2015 PO <sub>210</sub> (PANSTARRS-Christensen)		MPC 139977
442P/2011 Q3 = P/2022 G1 (McNaught)		MPC 139977
441P/2017 R1 = P/2022 B2 (PANSTARRS)		MPC 138400
440P/1997 B1 = P/2021 W2 (Kobayashi)		MPC 136564
439P/2008 WZ <sub>96</sub> = P/2021 W1 (LINEAR)		MPC 136564
438P/2005 T2 = P/2012 V5 = P/2020 OV <sub>62</sub> (Christensen)		MPC 136564
437P/2021 V3 = P/2011 UE <sub>215</sub> (Lemmon-PANSTARRS)		MPC 136564
436P/2007 R4 = P/2021 U2 (Garradd)		MPC 135244
435P/2021 T3 = P/2015 K6 (PANSTARRS)		MPC 135244
434P/2012 TK <sub>8</sub> = P/2021 S2 (Tenagra)		MPC 135244
433P = (248370)	<i>Dual status</i>	MPC 133899
432P/2021 N4 = P/2016 U2 (PANSTARRS)		MPC 133899
431P/2015 Q1 = P/2021 P5 (Scotti)		MPC 133899
430P/2011 A2 = P/2021 Q2 (Scotti)		MPC 133899
429P/2008 QP <sub>20</sub> = P/2021 M1 (LINEAR-Hill)		MPC 133899
428P/2014 W12 = P/2021 Q1 (Gibbs)		MPC 133899
427P/2017 S5 = P/2021 L6 (ATLAS)		MPC 133899

## 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 23336 named minor planets.

Discoverers of minor planets may submit name proposals via the WGSBN voting website at: [https://minorplanetcenter.net//submit\\_name/login](https://minorplanetcenter.net//submit_name/login)

Registration is required to access this site. Requests for access should be made to [contact@wgsbn-iau.org](mailto:contact@wgsbn-iau.org).

Work on a new voting website is underway.

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](mailto: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
- Carrie Nugent
- Don Yeomans
- Jin Zhu
- Debra M. Elmgreen, *ex-officio* (IAU President)
- José Miguel Rodríguez Espinosa, *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.

