



# WGSSBN Bulletin



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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)

## Table of Contents

<u>Editorial Notice.....</u>	<u>5</u>
<u>New Names of Minor Planets.....</u>	<u>5</u>
<u>(12994) Pitufo = 1981 ET27.....</u>	<u>5</u>
<u>(20031) Lakehead = 1992 OO.....</u>	<u>5</u>
<u>(20066) Sagov = 1993 TM4.....</u>	<u>5</u>
<u>(20990) Maryannehervey = 1983 RL3.....</u>	<u>6</u>
<u>(20992) Marypearse = 1985 RV2.....</u>	<u>6</u>
<u>(20993) Virginiediscry = 1985 RX2.....</u>	<u>6</u>
<u>(20998) Houzeaudelehaie = 1986 QF1.....</u>	<u>6</u>
<u>(21004) Thérèsemajou = 1988 BM4.....</u>	<u>6</u>
<u>(21011) Johannaterlinden = 1988 RP4.....</u>	<u>6</u>
<u>(28890) Gabaldon = 2000 KY65.....</u>	<u>7</u>
<u>(49108) Gouttesolard = 1998 SQ1.....</u>	<u>7</u>
<u>(49118) Sergerochain = 1998 SL10.....</u>	<u>7</u>
<u>(56073) Poggianti = 1998 YO10.....</u>	<u>7</u>
<u>(56975) Lindaspilker = 2000 SP161.....</u>	<u>7</u>
<u>(71855) Incamajorca = 2000 UF110.....</u>	<u>7</u>
<u>(100641) Cledassou = 1997 VO4.....</u>	<u>7</u>
<u>(129452) Ashleydawn = 1991 TJ16.....</u>	<u>8</u>
<u>(129453) Madeleinenettie = 1991 TO16.....</u>	<u>8</u>
<u>(342844) Anabel = 2008 YA4.....</u>	<u>8</u>
<u>(360037) Robertson = 2013 AO41.....</u>	<u>8</u>
<u>(444411) Lutherbeegle = 2006 AR51.....</u>	<u>8</u>
<u>(444414) Mikehankey = 2006 AQ56.....</u>	<u>8</u>
<u>(444418) Rohitbhartia = 2006 BM30.....</u>	<u>8</u>
<u>(444419) Francismccubbin = 2006 BR34.....</u>	<u>9</u>
<u>(524522) Zoozve = 2002 VE68.....</u>	<u>9</u>
<u>(547508) Perehorts = 2010 SF13.....</u>	<u>9</u>
<u>(591861) Sergeyyazev = 2014 GE18.....</u>	<u>9</u>
<u>(606875) Bertgrice = 2019 JW32.....</u>	<u>9</u>
<u>(620096) Curupira = 2016 HL.....</u>	<u>9</u>
<u>Recent Comet Namings &amp; Numberings.....</u>	<u>10</u>
<u>Recent Namings (in reverse chronological order).....</u>	<u>10</u>
<u>Recent Numberings.....</u>	<u>11</u>

*WGSBN Bull. 4, #2*

<a href="#"><u>Numbering of Minor Planet Satellite(s)</u></a> .....	<a href="#"><u>12</u></a>
<a href="#"><u>Standard Acronyms &amp; Abbreviations</u></a> .....	<a href="#"><u>12</u></a>
<a href="#"><u>Statistics &amp; Links</u></a> .....	<a href="#"><u>12</u></a>
<a href="#"><u>WGSBN Members</u></a> .....	<a href="#"><u>13</u></a>

## Editorial Notice

The *WGSBN Bulletin Yearbook 2023* will be published on February 15, and is now available for pre-ordering. The book is a printed collection of the 17 *WGSBN Bulletins* issued in 2023, and contains 366 pages. Name- and number-order indexes of the new namings are also included. Further details can be obtained from <https://wgsbnpublishing.com>.

## 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) names(s) is/are followed by an asterisk if this is a change from what was published when the object was numbered.

### **(12994) Pitufo = 1981 ET<sub>27</sub>**

*Discovery: 1981-03-02 / S. J. Bus / Siding Spring / 413*

Pitufo is the Spanish word for “Smurf”, the small, blue, human-like character created by Belgian cartoonist Pierre “Peyo” Culliford (1928–1992). Found in films, TV, video games and theme parks, the Smurfs are popular with children around the world. In Puerto Rico, the word pitufo is also used as a term of endearment and affection.

### **(20031) Lakehead = 1992 OO**

*Discovery: 1992-07-27 / E. F. Helin / Palomar / 675*

In the early 20th century, this name described Fort William and Port Arthur in northwestern Ontario, because the twin cities were located at the head of Lake Superior. Significant because grain from the Canadian prairies was brought by rail to ships there, the cities merged in 1970 under the name Thunder Bay. It is still often referred to as the Lakehead.

### **(20066) Sagov = 1993 TM<sub>4</sub>**

*Discovery: 1993-10-08 / Spacewatch / Kitt Peak / 691*

Stanley E. Sagov (b. 1944) is a highly respected family-practice physician who also taught at Harvard Medical School; he obtained his MD at the University of Cape Town before moving to the US. Sagov also is well known as an accomplished jazz musician. Name proposed by D. W. E. Green, whose family was attended by Dr. Sagov for nearly forty years.

**(20990) Maryannehervey = 1983 RL<sub>3</sub>**

*Discovery: 1983-09-01 / H. Debehogne / La Silla / 809*

Mary Anne Hervey (1796–1838) was the wife of Fearon Fallows, an English resident astronomer at the Royal Observatory at the Cape. She often assisted him with his observations, and even made an independent discovery of C/1830 F1 (Great Comet). When Fearon died in 1831 she returned to England, carrying his papers and unpublished data.

**(20992) Marypearse = 1985 RV<sub>2</sub>**

*Discovery: 1985-09-05 / H. Debehogne / La Silla / 809*

Mary Pearse (1802–1861) was the spouse of Thomas Maclear at the Cape of Good Hope where, between 1841 and 1848, he was fully occupied with the geodetic survey of the Cape Colony. Mary gave him strong support throughout his long absences. She and her husband are buried together in the grounds of the South African Astronomical Observatory in Cape Town.

**(20993) Virginiediscry = 1985 RX<sub>2</sub>**

*Discovery: 1985-09-05 / H. Debehogne / La Silla / 809*

Marie-Virginie Discry (1812–1865) was the spouse of Belgian astronomer and geodetic surveyor Jean-Charles Houzeau, who sailed to New Orleans in 1857, but was caught in the American Civil War. She took care of all his scientific needs by administering and forwarding his scientific correspondence from Brussels to his ever changing locations in the US.

**(20998) Houzeaudelehaie = 1986 QF<sub>1</sub>**

*Discovery: 1986-08-26 / H. Debehogne / La Silla / 809*

Charles Auguste Benjamin Hippolyte Houzeau de Lehaie (1832–1922) was the younger brother of Belgian astronomer and geodetic surveyor Jean-Charles Houzeau. During the two-decades long absence of his brother, Auguste served as his tireless contributor, proofreader and technical editor of his many publications and books.

**(21004) Thérèsemajou = 1988 BM<sub>4</sub>**

*Discovery: 1988-01-22 / H. Debehogne / La Silla / 809*

Barbe-Thérèse Marjou, born 1755, was the wife of Pierre Méchain (1744–1804), a French astronomer who undertook a geodetic survey of France with the aim to determine the length of a one-degree arc of the meridian through Paris. When he died in 1804, she continued his calculations at the Observatoire de Paris.

**(21011) Johannaterlinden = 1988 RP<sub>4</sub>**

*Discovery: 1988-09-01 / H. Debehogne / La Silla / 809*

Johanna Helena Terlinden (1920–1989) was the spouse of the Dutch astronomer Theodore Walraven. She was his lifelong coauthor, and the driving force in the concept and design of a unique spectrophotometer devised by him at the Leiden Southern Station (Hartebeespoort, South Africa).

**(28890) Gabaldon = 2000 KY<sub>65</sub>**

*Discovery: 2000-05-27 / LONEOS / Anderson Mesa / 699*

Diana J. Gabaldon (b. 1952) is an American author. After earning a PhD in behavioral ecology and working as a university professor, she became a full time writer and is known for her bestselling Outlander series of novels. Her great-grandfather, Stanley Sykes, built the telescope used to discover Pluto.

**(49108) Gouttesolard = 1998 SQ<sub>1</sub>**

*Discovery: 1998-09-16 / ODAS / Caussols / 910*

Michel Gouttesolard (b. 1958) is a French amateur astronomer who handcrafted mirrors for 0.4- and 0.6-m telescopes. He designed and built the Augerolles observatory, including the building, dome, instruments and mount. As a mechanic and electronics engineer, he created his own pointing/tracking system and a CCD camera in the early 1990s.

**(49118) Sergerochain = 1998 SL<sub>10</sub>**

*Discovery: 1998-09-19 / ODAS / Caussols / 910*

Serge Rochain (b. 1942) is a French computer engineer and amateur astronomer with a degree in astronomy. He has authored books in the history of science. He lived through and documented the historical evolution from mechanography to computer science. He supported and contributed to the design of the CLIMSO coronagraphs at Pic-du-Midi observatory.

**(56073) Poggianti = 1998 YO<sub>10</sub>**

*Discovery: 1998-12-26 / M. Tombelli, A. Boattini / San Marcello / 104*

Marcello Poggianti (b. 1946) is an Italian amateur astronomer who is an active member of the Gruppo Astrofili Montelupo. Since 1995 he has observed minor planets, especially NEOs.

**(56975) Lindaspilker = 2000 SP<sub>161</sub>**

*Discovery: 2000-09-19 / NEAT / Haleakala / 608*

Linda Spilker (b. 1955), senior research scientist and fellow at the Jet Propulsion Laboratory, has been involved in planetary missions throughout her career. She was the Cassini mission project scientist and, currently, the Voyager project scientist. She has been honored with various NASA and JPL awards throughout her career.

**(71855) Incamajorca = 2000 UF<sub>110</sub>**

*Discovery: 2000-10-31 / S. Sanchez, M. Blasco / Costitx / 620*

Inca is the second most important municipality on the island of Mallorca. The city was a center of shoe and leather manufacture. Inca is the capital of Raiguer county and the birthplace of the first discoverer.

**(100641) Cledassou = 1997 VO<sub>4</sub>**

*Discovery: 1997-11-03 / V. Giuliani, F. Manca / Sormano / 587*

Rodolphe Cledassou (1965–2023) was a French space engineer. He was Project Manager for the French Space Agency's Simbol-X, ATHENA/XIFU, ARIEL and EUCLID programs and Technical Director of the French Nuclear Physics Institute IN2P3.

**(129452) Ashleydawn = 1991 TJ<sub>16</sub>**

*Discovery: 1991-10-06 / A. Lowe / Palomar / 261*

Ashley Dawn Leonty (b. 1987) is the daughter-in-law of the discoverer. She is an Alberta government social worker in Edmonton, Canada.

**(129453) Madeleinenettie = 1991 TO<sub>16</sub>**

*Discovery: 1991-10-06 / A. Lowe / Palomar / 261*

Madeleine Nettie Senegas-Lowe (b. 2023) is the first granddaughter of the discoverer.

**(342844) Anabel = 2008 YA<sub>4</sub>**

*Discovery: 2008-12-22 / F. Hormuth / Calar Alto / 493*

Anabel Elisabeth Hormuth (b. 2023) is the daughter of the discoverer.

**(360037) Robertson = 2013 AO<sub>41</sub>**

*Discovery: 2011-09-24 / Pan-STARRS 1 / Haleakala / F51*

Louis Robertson (b. 1955) is an American Scientific Instrument Technician. During his 27 years at the Institute for Astronomy, University of Hawaii, he was one of the team members that designed, engineered, machined, tested, installed and maintained the two Pan-STARRS cameras. He was born and raised in Michigan, and has lived in Hawaii since 1987.

**(444411) Lutherbeegle = 2006 AR<sub>51</sub>**

*Discovery: 2005-12-25 / Mt. Lemmon Survey / Mount Lemmon / G96*

Luther Beegle (b. 1966) is an American planetary scientist and Principal Investigator for the SHERLOC instrument on the Mars 2020 Rover. He led the development and integration of SHERLOC and then led a diverse international team exploring Mars to search for life and prepare for sample return.

**(444414) Mikehankey = 2006 AQ<sub>56</sub>**

*Discovery: 2005-12-29 / Mt. Lemmon Survey / Mount Lemmon / G96*

Mike Hankey (b. 1972) is an American and the Operations Manager for the American Meteor Society. He is responsible for dramatic improvements to the AMS online fireball reporting system, which has expanded to use by the International Meteor Organization and has facilitated rapid recovery of meteorite falls worldwide.

**(444418) Rohitbhartia = 2006 BM<sub>30</sub>**

*Discovery: 2005-11-25 / Mt. Lemmon Survey / Mount Lemmon / G96*

Rohit Bhartia (b. 1975) is an American planetary scientist who served as Deputy Principal Investigator for the SHERLOC instrument on the Mars 2020 Rover. He helped lead the design and development of SHERLOC and leads a diverse international science team exploring Mars in preparation for Mars sample return.



**(444419) Francismccubbin = 2006 BR<sub>34</sub>**

*Discovery: 2006-01-10 / Mt. Lemmon Survey / Mount Lemmon / G96*

Francis McCubbin (b. 1982) is an American planetary scientist who studies water in rocky bodies across the Solar System. He made the pivotal discovery of water in lunar apatite and seeks to understand apatite in chondrites and achondrites as a signature of differentiation.

**(524522) Zoozve = 2002 VE<sub>68</sub>**

*Discovery: 2002-11-11 / LONEOS / Anderson Mesa / 699*

This object is the first-identified quasi-satellite of a major planet (Venus). When artist Alex Foster drew this object on a solar system poster for children, he mistook the initial characters of the provisional designation as letters, thus coining an odd and memorable moniker. Name suggested by Latif Nasser.

**(547508) Perehorts = 2010 SF<sub>13</sub>**

*Discovery: 2010-09-26 / J. M. Bosch / SM Montmagastrell / B74*

Pere Horts Font (1956–2024) was an Catalan scientific disseminator of astronomy. He was a philosophy and astronomy teacher at the Ramon Muntaner Secondary School, professor of history of science and cosmology at the College of Girona, founder of the Astronomical Society of Figueres and cofounder of Cel Fosc, the Spanish anti-light-pollution association.

**(591861) Sergeyyazev = 2014 GE<sub>18</sub>**

*Discovery: 2008-01-06 / Zelenchukskaya Stn / Zelenchukskaya Stn / 114*

Sergey Yazev (b.1958) is a third-generation Siberian astronomer, professor at Irkutsk State University, and director of the ISU astronomical observatory. A specialist in solar physics, he is a popularizer of astronomy, via books, articles and television shows.

**(606875) Bertgrice = 2019 JW<sub>32</sub>**

*Discovery: 2012-12-13 / N. Falla / Mayhill / H06*

Herbert Grice (1909–1991), the discoverer's father-in-law, was born in London's East End and from an early age developed a love of wildlife. In later life he moved to suburban London where he kept racing pigeons, other animals and also cultivated a large vegetable garden. His legacy is the skill and knowledge that he passed on to his family.

**(620096) Curupira = 2016 HL**

*Discovery: 2016-04-19 / SONEAR / SONEAR / Y00*

Curupira is a Brazilian indigenous folklore legendary creature, whose main purpose is to protect the forest against hunters and poachers.

## 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 (in reverse chronological order)

P/2023 X6 (PANSTARRS)	MPEC 2024-B170
P/2023 WM <sub>26</sub> (Elenin)	MPEC 2024-B143
P/2023 Y3 = P/2017 BQ <sub>100</sub> (ATLAS)	MPEC 2024-B139
P/2023 V8 (PANSTARRS)	MPEC 2024-B135
P/2023 W2 (PANSTARRS)	MPEC 2024-B134
C/2023 V7 (Spacewatch-LINEAR)	MPEC 2024-B93
C/2024 A1 (ATLAS)	MPEC 2024-B78
P/2023 S4 = P/2017 O4 (Hogan)	MPEC 2024-B74
P/2023 Y2 (Gibbs)	MPEC 2024-A148
P/2023 Y1 (Gibbs)	MPEC 2023-Y60
C/2023 X4 (Hogan)	MPEC 2023-X272
P/2023 X3 (PANSTARRS)	MPEC 2023-X269
P/2023 W1 (NEAT)	MPEC 2023-X258
C/2023 X2 (Lemmon)	MPEC 2023-X226
C/2023 X1 (Leonard)	MPEC 2023-X222
C/2023 RN <sub>3</sub> (ATLAS)	MPEC 2023-X85
P/2023 V6 (PANSTARRS)	MPEC 2023-V262
C/2023 V5 (Leonard)	MPEC 2023-V193
C/2023 V4 (Camarasa-Duszanowicz)	* MPEC 2023-V192
C/2023 V3 (PANSTARRS)	MPEC 2023-V109
P/2023 V2 (PANSTARRS)	MPEC 2023-V108
C/2023 V1 (Lemmon)	MPEC 2023-V23
C/2023 S3 (Lemmon)	MPEC 2023-V1
C/2023 T3 (Fuls)	MPEC 2023-U290
C/2023 U1 (Fuls)	MPEC 2023-U288
C/2023 Q2 (PANSTARRS)	MPEC 2023-U285
P/2023 T1 (PANSTARRS)	MPEC 2023-U53

C/2023 T2 (Borisov)	*	MPEC 2023-U162
C/2023 R2 (PANSTARRS)		MPEC 2023-T7
C/2023 S2 (ATLAS)		MPEC 2023-T5
C/2023 R1 (PANSTARRS)		MPEC 2023-R197
C/2023 P1 (Nishimura)	*	MPEC 2023-P87
469P/2015 XG <sub>422</sub> (PANSTARRS)		MPEC 2023-P35
P/2023 M4 (ATLAS)		MPEC 2023-O51
C/2023 F3 (ATLAS)		MPEC 2023-O43
P/2023 M2 (PANSTARRS)		MPEC 2023-N15
P/2023 M1 (PANSTARRS)		MPEC 2023-M65
C/2023 H5 (Lemmon)		MPEC 2023-M44
C/2023 K1 (ATLAS)		MPEC 2023-L18
C/2023 H3 (PANSTARRS)		MPEC 2023-K195
C/2023 H2 (Lemmon)		MPEC 2023-K122
C/2022 V2 (Lemmon)		MPEC 2023-K121
464P/2014 OL <sub>465</sub> (PANSTARRS)		MPEC 2023-K66
C/2023 F2 (SOHO)		MPEC 2023-K45
C/1808 R1 (Pons)		2023-05-16
C/2023 H1 (PANSTARRS)		MPEC 2023-J101
C/1951 G2 = C/1952 C1 (Groeneveld-Palomar)		MPEC 2023-J76
463P/2018 HT <sub>3</sub> (NEOWISE)		MPEC 2023-J12
P/2022 BV <sub>9</sub> (Lemmon)		MPEC 2023-H240

**Recent Numberings**

472P/2002 T6 = P/2023 RL <sub>75</sub> (NEAT-LINEAR)	MPC 167069
471P/2023 KF <sub>3</sub> = P/2010 YK <sub>3</sub>	MPC 164694
470P/2014 W1 = P/2023 O2 (PANSTARRS)	MPC 164694
469P/2015 XG <sub>422</sub> (PANSTARRS)	MPC 164694
468P/2004 V3 = P/2023 O1 (Siding Spring)	MPC 164694
467P/2010 TO <sub>20</sub> = P/2023 H6 (LINEAR-Grauer)	MPC 164694
466P/2015 T3 = P/2023 M3 (PANSTARRS)	MPC 163244
465P/2008 L2 = P/2023 L1 (Hill)	MPC 163244
464P/2014 OL <sub>465</sub> (PANSTARRS)	MPC 163244
463P/2018 HT <sub>3</sub> (NEOWISE)	MPC 163244
462P/2022 M1 = P/2000 OZ <sub>21</sub> (LONEOS-PANSTARRS)	MPC 163244
461P/2010 OE <sub>101</sub> = P/2021 LJ <sub>31</sub> (WISE)	MPC 163244
460P/2016 BA <sub>14</sub> = P/2020 U6 (PANSTARRS)	MPC 162027
459P/2010 VH <sub>95</sub> (Catalina)	MPC 162027
458P/2023 C1 = P/2016 C3 (Jahn)	MPC 162027
457P/2020 O1 = P/2016 N7 (Lemmon-PANSTARRS)	MPC 162027
456P/2021 L4 = P/2012 Q3 (PANSTARRS)	MPC 160359
455P/2017 S9 = P/2011 Q5 = P/2022 R7 (PANSTARRS)	MPC 160359
454P/2022 U5 = P/2013 W3 (PANSTARRS)	MPC 160359
453P/2022 V1 = P/2010 BN <sub>109</sub> (WISE-Lemmon)	MPC 160359

## 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 24622 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. Elmegreen, *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.

