



# WGSBN Bulletin



Volume 2, #13

2022 October 3

Published on behalf of the International Astronomical Union (98-bis Blvd Arago, F-75014 Paris, France) by the WG Small Bodies Nomenclature.

ISSN 2789-2603

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

## Table of Contents

<u>Errata</u> .....	<u>5</u>
<u>New Names of Minor Planets</u> .....	<u>5</u>
(10144) Bernardbigot = 1994 AB2.....	<u>5</u>
(19254) Shojitomoko = 1994 VD7.....	<u>5</u>
(19927) Rogefeldt = 1980 FM4.....	<u>6</u>
(20427) Hjalmar = 1998 VX44.....	<u>6</u>
(21189) Robertonesci = 1994 JB.....	<u>6</u>
(21190) Martamaffei = 1994 JQ.....	<u>6</u>
(28581) Dyerlytle = 2000 ER105.....	<u>6</u>
(28589) Nisley = 2000 EL126.....	<u>6</u>
(28608) Sblomquist = 2000 EU157.....	<u>6</u>
(28610) Stephenriggs = 2000 EM158.....	<u>7</u>
(29898) Richardnugent = 1999 HG1.....	<u>7</u>
(34650) Dunkenberger = 2000 WK108.....	<u>7</u>
(34651) Edamadaka = 2000 WQ114.....	<u>7</u>
(34652) Simoneevans = 2000 WN136.....	<u>7</u>
(34675) Feldbush = 2000 YR115.....	<u>7</u>
(34678) Hansenestruch = 2001 AB29.....	<u>7</u>
(34680) Anahumphrey = 2001 BR21.....	<u>8</u>
(34681) Suhahussain = 2001 BB22.....	<u>8</u>
(34687) Isahaku = 2001 FU74.....	<u>8</u>
(34729) Natalianoel = 2001 QJ42.....	<u>8</u>
(34730) Rainajain = 2001 QO45.....	<u>8</u>
(34731) Ronitjain = 2001 QU47.....	<u>8</u>
(34737) Parkerjou = 2001 QC71.....	<u>8</u>
(34739) Maryalice = 2001 QO75.....	<u>9</u>
(34740) Emmakeeler = 2001 QJ77.....	<u>9</u>
(34741) Alyssakeirn = 2001 QM77.....	<u>9</u>
(34743) Kollipara = 2001 QE80.....	<u>9</u>
(34752) Venkatkrishnan = 2001 QU105.....	<u>9</u>
(34766) Everettkroll = 2001 QP200.....	<u>9</u>
(34769) Remilabeille = 2001 QB236.....	<u>9</u>

<a href="#"><u>(34770) Leyendecker = 2001 QJ243</u></a> .....	<a href="#"><u>10</u></a>
<a href="#"><u>(34771) Lilauren = 2001 QO252</u></a> .....	<a href="#"><u>10</u></a>
<a href="#"><u>(34772) Lirachel = 2001 QU257</u></a> .....	<a href="#"><u>10</u></a>
<a href="#"><u>(34780) Nikhillohe = 2001 RB56</u></a> .....	<a href="#"><u>10</u></a>
<a href="#"><u>(34784) Lukelong = 2001 RS77</u></a> .....	<a href="#"><u>10</u></a>
<a href="#"><u>(34788) Samuellossef = 2001 RE114</u></a> .....	<a href="#"><u>10</u></a>
<a href="#"><u>(34796) Rheamalthotra = 2001 SW35</u></a> .....	<a href="#"><u>10</u></a>
<a href="#"><u>(34797) Alicemartynova = 2001 SK38</u></a> .....	<a href="#"><u>11</u></a>
<a href="#"><u>(34799) Mcdonaldboyer = 2001 SQ48</u></a> .....	<a href="#"><u>11</u></a>
<a href="#"><u>(34800) Evanmeade = 2001 SD59</u></a> .....	<a href="#"><u>11</u></a>
<a href="#"><u>(34802) Anwasha = 2001 SP61</u></a> .....	<a href="#"><u>11</u></a>
<a href="#"><u>(58941) Guishida = 1998 QK29</u></a> .....	<a href="#"><u>11</u></a>
<a href="#"><u>(218268) Pierremariepelé = 2003 DF</u></a> .....	<a href="#"><u>11</u></a>
<a href="#"><u>(266286) Bodenmüller = 2007 BQ19</u></a> .....	<a href="#"><u>11</u></a>
<a href="#"><u>(281661) Michaelsiems = 2008 VW13</u></a> .....	<a href="#"><u>12</u></a>
<a href="#"><u>(505906) Raozihe = 2015 DV223</u></a> .....	<a href="#"><u>12</u></a>
<a href="#"><u>Recent Comet Namings &amp; Numberings</u></a> .....	<a href="#"><u>13</u></a>
<a href="#"><u>Recent Namings</u></a> .....	<a href="#"><u>13</u></a>
<a href="#"><u>Recent Numberings</u></a> .....	<a href="#"><u>14</u></a>
<a href="#"><u>Standard Acronyms &amp; Abbreviations</u></a> .....	<a href="#"><u>15</u></a>
<a href="#"><u>Statistics &amp; Links</u></a> .....	<a href="#"><u>15</u></a>
<a href="#"><u>WGSBN Members</u></a> .....	<a href="#"><u>16</u></a>

## 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> 81070	48	<i>For</i> Iidetenmomdai <i>read</i> Iidetenmondai [(44013) name]
<i>MPC</i> 81070	-46	<i>For</i> Iide Tenmomdai <i>read</i> Iide Tenmondai [(44013) citation]
<i>Bull.</i> 2, #12, 14	-11	<i>For</i> Palomar / 675 <i>read</i> Siding Spring / 413 [(321802) discovery site] This error also occurred when the object was numbered ( <i>MPC</i> 78641 and <i>MPO</i> 222611).

## 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.

### **(10144) Bernardbigot = 1994 AB<sub>2</sub>**

*Discovery:* 1994-01-09 / Y. Kushida, O. Muramatsu / Yatsugatake / 896

Bernard Bigot (1950–2022) was a French chemist. He was the French High Commissioner for Atomic Energy from 2003 to 2009, as well as a scientific advisor to the French government. Bigot was the French representative to and (from 2015) Director General of the International Thermonuclear Experimental Reactor

### **(19254) Shojitomoko = 1994 VD<sub>7</sub>**

*Discovery:* 1994-11-11 / M. Hirasawa, S. Suzuki \* / Nyukasa / 408

This name is a combination of the names of the first discoverer's parents, Shoji (b. 1929) and Tomoko (1931–2011) Hirasawa. Shoji made his son's first telescope. He is a master at making bamboo fishing rods, a style peculiar to Japan.

**(19927) Rogefeldt = 1980 FM<sub>4</sub>**

*Discovery: 1980-03-16 / C.-I. Lagerkvist / La Silla / 809*

Pugh Rogefeldt (b. 1947) is the stage name of Anders Sture Torbjörn Rogefeldt, a Swedish singer-songwriter and guitarist. His best known song is “Små lätta moln”.

**(20427) Hjalmar = 1998 VX<sub>44</sub>**

*Discovery: 1998-11-13 / C.-I. Lagerkvist / La Silla / 809*

Hjalmar Lagerkvist (b. 2021) is a grandson of the discoverer.

**(21189) Robertonesci = 1994 JB**

*Discovery: 1994-05-03 / A. Vagnozzi / Stroncone / 589*

Roberto Nesci (b. 1949) is a former Italian professor of astrophysics at La Sapienza University of Rome. He is currently an associate researcher at Istituto Nazionale di Astrofisica/Istituto di Astrofisica e Planetologia Spaziali, and president of the observatory of Foligno (code K56). He develops scientific programs and educational activities in Umbria.

**(21190) Martamaffei = 1994 JQ**

*Discovery: 1994-05-10 / A. Vagnozzi / Stroncone / 589*

Marta Maffei (b. 1957) is the founder of a cultural center for the promotion of scientific studies dedicated to her father, the Italian astronomer Paolo Maffei. She is active in the cultural life of the city of Foligno, and she is a member of the Fulginia Academy of Arts, Letters and Sciences.

**(28581) Dyerlytle = 2000 ER<sub>105</sub>**

*Discovery: 2000-03-11 / LONEOS / Anderson Mesa / 699*

Dyer Lytle (b. 1956) is a Software Engineer at Lowell Observatory, crucial to maintaining software used by all observers at the 4.3-m Lowell Discovery Telescope. He was previously a Software Engineer for instruments aboard NASA's Cassini spacecraft, and he was a Scientific Programmer with NAO's IRAF group.

**(28589) Nisley = 2000 EL<sub>126</sub>**

*Discovery: 2000-03-11 / LONEOS / Anderson Mesa / 699*

Ishara Nisley (b. 1995) received her S.B. degree from MIT in planetary science in 2017, then joined Lowell Observatory in 2017 as an Observer Technician for the Navy Precision Optical Interferometer. She has been working as an Observer/Operator at the Lowell Discovery Telescope since 2019.

**(28608) Sblomquist = 2000 EU<sub>157</sub>**

*Discovery: 2000-03-12 / LONEOS / Anderson Mesa / 699*

Solvay Blomquist (b. 1998) received her B.S. degree from Northern Arizona University in Astronomy and Mathematics in 2020. Solvay joined Lowell Observatory in 2020 where she continues to work as an Observer Technician for the Navy Precision Optical Interferometer and Research Assistant for Lowell Observatory.

**(28610) Stephenriggs = 2000 EM<sub>158</sub>**

*Discovery: 2000-03-12 / LONEOS / Anderson Mesa / 699*

Stephen Riggs (b. 1956) is Lowell Observatory's Senior Philanthropy Manager, overseeing the annual and planned giving programs, resulting in a significant increase in present and future revenue. Stephen has had a distinguished career in philanthropy and is a valued member of the Lowell community.

**(29898) Richardnugent = 1999 HG<sub>1</sub>**

*Discovery: 1999-04-19 / J. Broughton / Reedy Creek / 428*

Richard Nugent (b. 1955) has degrees in positional astronomy and worked for NASA in the 1980s on orbital navigation, instrument pointing and image analysis. An occultation observer since 1990, he travelled worldwide on 120 expeditions, including many eclipses in a concerted effort to measure the solar radius. He is the longtime Executive Secretary of IOTA.

**(34650) Dunkenberger = 2000 WK<sub>108</sub>**

*Discovery: 2000-11-20 / LINEAR / Socorro / 704*

Logan Dunkenberger (b. 2001) was awarded best of category and first place in the 2018 Intel International Science and Engineering Fair for her microbiology project. She attended the Roanoke Valley Governor's School for Science and Technology, Roanoke, Virginia, U.S.A.

**(34651) Edamadaka = 2000 WQ<sub>114</sub>**

*Discovery: 2000-11-20 / LINEAR / Socorro / 704*

Sathya Edamadaka (b. 2001) was awarded best of category and first place in the 2018 Intel International Science and Engineering Fair for his energy project. He attended the High Technology High School, Lincroft, New Jersey, U.S.A.

**(34652) Simoneevans = 2000 WN<sub>136</sub>**

*Discovery: 2000-11-20 / LINEAR / Socorro / 704*

Simone Alma Evans (b. 2000) was awarded second place in the 2018 Intel International Science and Engineering Fair for her plant sciences project. She attended the South River High School, Edgewater, Maryland, U.S.A.

**(34675) Feldbush = 2000 YR<sub>115</sub>**

*Discovery: 2000-12-30 / LINEAR / Socorro / 704*

Anna C. Feldbush (b. 1999) was awarded second place in the 2018 Intel International Science and Engineering Fair for her materials science project. She attended the West Shore Junior/Senior High School, Melbourne, Florida, U.S.A.

**(34678) Hansenstruch = 2001 AB<sub>29</sub>**

*Discovery: 2001-01-04 / LINEAR / Socorro / 704*

Philippe Ingemann Hansen-Estruch (b. 2000) was awarded second place in the 2018 Intel International Science and Engineering Fair for his biomedical and health sciences project. He attended the Canyon Crest Academy, San Diego, California, U.S.A.

**(34680) Anahumphrey = 2001 BR<sub>21</sub>**

*Discovery: 2001-01-20 / LINEAR / Socorro / 704*

Ana Luisa Tio Humphrey (b. 2000) was awarded best of category and first place in the 2018 Intel International Science and Engineering Fair for her physics and astronomy project. She attended the T. C. Williams High School, Alexandria, Virginia, U.S.A.

**(34681) Suhahussain = 2001 BB<sub>22</sub>**

*Discovery: 2001-01-20 / LINEAR / Socorro / 704*

Suha Hussain (b. 2002) was awarded second place in the 2018 Intel International Science and Engineering Fair for her systems software project. She attended the Queens High School for the Sciences at York College, Jamaica, New York, U.S.A.

**(34687) Isahaku = 2001 FU<sub>74</sub>**

*Discovery: 2001-03-19 / LINEAR / Socorro / 704*

Ayman Napsy Isahaku (b. 1999) was awarded best of category and first place in the 2018 Intel ISEF for his animal sciences team project. He also received the Indo-U.S. Science & Technology Visit to India Award. He attended the Nicolet High School, Glendale, Wisconsin, U.S.A.

**(34729) Natalianoel = 2001 QJ<sub>42</sub>**

*Discovery: 2001-08-16 / LINEAR / Socorro / 704*

Natalia Noel Jacobson (b. 1999) was awarded second place in the 2018 Intel International Science and Engineering Fair for her animal sciences project. She attended the Empire High School, Tucson, Arizona, U.S.A.

**(34730) Rainajain = 2001 QO<sub>45</sub>**

*Discovery: 2001-08-16 / LINEAR / Socorro / 704*

Raina Jain (b. 2002) was awarded best of category and first place in the 2018 Intel International Science and Engineering Fair for her environmental engineering project. She attended the Greenwich High School, Greenwich, Connecticut, U.S.A.

**(34731) Ronitjain = 2001 QU<sub>47</sub>**

*Discovery: 2001-08-16 / LINEAR / Socorro / 704*

Ronit Jain (b. 2001) was awarded second place in the 2018 Intel International Science and Engineering Fair for his earth and environmental sciences project. He attended the Interlake High School, Bellevue, Washington, U.S.A.

**(34737) Parkerjou = 2001 QC<sub>71</sub>**

*Discovery: 2001-08-18 / LINEAR / Socorro / 704*

Parker Jou (b. 2001) was awarded first place in the 2018 Intel International Science and Engineering Fair for his physics and astronomy project. He attended the Carmel High School, Carmel, Indiana, U.S.A.



**(34739) Maryalice = 2001 QO<sub>75</sub>**

*Discovery: 2001-08-16 / LINEAR / Socorro / 704*

Mary Alice Fitzpatrick Jouve (b. 2001) was awarded second place in the 2018 Intel International Science and Engineering Fair for her physics and astronomy project. She attended the McGill-Toolen Catholic High School, Mobile, Alabama, U.S.A.

**(34740) Emmakeeler = 2001 QJ<sub>77</sub>**

*Discovery: 2001-08-16 / LINEAR / Socorro / 704*

Emma Louise Keeler (b. 2001) was awarded second place in the 2018 Intel International Science and Engineering Fair for her microbiology project. She attended the Falmouth Academy, Falmouth, Massachusetts, U.S.A.

**(34741) Alyssakeirn = 2001 QM<sub>77</sub>**

*Discovery: 2001-08-16 / LINEAR / Socorro / 704*

Alyssa Keirn (b. 2002) was awarded second place in the 2018 Intel International Science and Engineering Fair for her biomedical engineering project. She attended the Rocky Mountain High School, Fort Collins, Colorado, U.S.A.

**(34743) Kollipara = 2001 QE<sub>80</sub>**

*Discovery: 2001-08-16 / LINEAR / Socorro / 704*

Veenadhari Kollipara (b. 2001) was awarded first place in the 2018 Intel International Science and Engineering Fair for her environmental engineering project. She attended the Interlake High School, Bellevue, Washington, U.S.A.

**(34752) Venkatkrishnan = 2001 QU<sub>105</sub>**

*Discovery: 2001-08-23 / LINEAR / Socorro / 704*

Venkat Vinayak Krishnan (b. 2000) was awarded second place in the 2018 Intel International Science and Engineering Fair for his embedded systems team project. He attended the American High School, Fremont, California, U.S.A.

**(34766) Everettkroll = 2001 QP<sub>200</sub>**

*Discovery: 2001-08-22 / LINEAR / Socorro / 704*

Everett Adien Jeffrey Kroll (b. 2000) was awarded first place in the 2018 Intel International Science and Engineering Fair for his biomedical engineering project. He attended the Stillwater Area High School, Stillwater, Minnesota, U.S.A.

**(34769) Remilabeille = 2001 QB<sub>236</sub>**

*Discovery: 2001-08-24 / LINEAR / Socorro / 704*

Remi Olivier Labeille (b. 2002) was awarded second place in the 2018 Intel International Science and Engineering Fair for his energy project. He attended the Midway High School, Waco, Texas, U.S.A.

**(34770) Leyendecker = 2001 QJ<sub>243</sub>**

*Discovery: 2001-08-24 / LINEAR / Socorro / 704*

Peyton Maria Leyendecker (b. 2002) was awarded second place in the 2018 Intel International Science and Engineering Fair for her microbiology project. She attended the Skyview Academy, Highlands Ranch, Colorado, U.S.A.

**(34771) Lilauren = 2001 QO<sub>252</sub>**

*Discovery: 2001-08-25 / LINEAR / Socorro / 704*

Lauren Hsing-Tze Li (b. 2001) was awarded second place in the 2018 Intel International Science and Engineering Fair for her cellular and molecular biology project. She attended the Westview High School, Portland, Oregon, U.S.A.

**(34772) Lirachel = 2001 QU<sub>257</sub>**

*Discovery: 2001-08-25 / LINEAR / Socorro / 704*

Rachel Li (b. 2000) was awarded second place in the 2018 Intel International Science and Engineering Fair for her materials science team project. She attended the Spackenkill High School, Poughkeepsie, New York, U.S.A.

**(34780) Nikhillohe = 2001 RB<sub>56</sub>**

*Discovery: 2001-09-12 / LINEAR / Socorro / 704*

Nikhil Lohe (b. 2000) was awarded second place in the 2018 Intel International Science and Engineering Fair for his microbiology project. He attended the Bergen County Academies, Hackensack, New Jersey, U.S.A.

**(34784) Lukelong = 2001 RS<sub>77</sub>**

*Discovery: 2001-09-10 / LINEAR / Socorro / 704*

Luke M. Long (b. 2000) was awarded first place in the 2018 Intel International Science and Engineering Fair for his microbiology project. He attended the Canterbury School, Fort Myers, Florida, U.S.A.

**(34788) Samuellossef = 2001 RE<sub>114</sub>**

*Discovery: 2001-09-12 / LINEAR / Socorro / 704*

Samuel Brian Lossef (b. 2001) was awarded second place in the 2018 Intel International Science and Engineering Fair for his energy project. He attended the School Without Walls High School, Washington, District of Columbia, U.S.A.

**(34796) Rheamalhotra = 2001 SW<sub>35</sub>**

*Discovery: 2001-09-16 / LINEAR / Socorro / 704*

Rhea Malhotra (b. 2003) was awarded best of category and first place in the 2018 Intel ISEF for her biochemistry project. She also received the European Union Contest for Young Scientists Award. She attended the Moravian Academy, Bethlehem, Pennsylvania, U.S.A.

**(34797) Alicemartynova = 2001 SK<sub>38</sub>**

*Discovery: 2001-09-16 / LINEAR / Socorro / 704*

Alice Martynova (b. 2001) was awarded second place in the 2018 Intel International Science and Engineering Fair for her biomedical and health sciences project. She attended the Los Gatos High School, Los Gatos, California, U.S.A.

**(34799) Mcdonaldboyer = 2001 SQ<sub>48</sub>**

*Discovery: 2001-09-16 / LINEAR / Socorro / 704*

Ainsley McDonald-Boyer (b. 1999) was awarded second place in the 2018 Intel International Science and Engineering Fair for her behavioral and social sciences project. She attended the Azle High School, Azle, Texas, U.S.A.

**(34800) Evanmeade = 2001 SD<sub>59</sub>**

*Discovery: 2001-09-17 / LINEAR / Socorro / 704*

Evan McKenna Meade (b. 1999) was awarded second place in the 2018 Intel International Science and Engineering Fair for his physics and astronomy project. He attended the Keystone School, San Antonio, Texas, U.S.A.

**(34802) Anwasha = 2001 SP<sub>61</sub>**

*Discovery: 2001-09-17 / LINEAR / Socorro / 704*

Anwasha Mukherjee (b. 2003) was awarded second place in the 2018 Intel International Science and Engineering Fair for her robotics and intelligent machines project. She attended the Westview High School, Portland, Oregon, U.S.A.

**(58941) Guishida = 1998 QK<sub>29</sub>**

*Discovery: 1998-08-22 / Beijing Schmidt CCD Asteroid Program / Xinglong / 327*

Founded in 1941, Guishida (Guizhou Normal University, GZNU) is a key multidisciplinary university in Guizhou province, China. GZNU covers a broad spectrum of 11 disciplines such as philosophy, literature and education, featuring strengths in teacher training. GZNU established its Astronomy Department in 2019.

**(218268) Pierremariepelé = 2003 DF**

*Discovery: 2003-02-20 / M. Ory \* / Vicques / 185*

Pierre-Marie Pelé (b. 1970) has been a French meteorite hunter since 2003. He is a specialist on French meteorites and he has published several reference books on the topic.

**(266286) Bodenmüller = 2007 BQ<sub>19</sub>**

*Discovery: 2007-01-21 / W. Ries / Altschwendt / A44*

Wolfgang Bodenmüller (b. 1951) is a German amateur astronomer and astrophotographer. He was a founding member and long-term Chairman of the Volkssternwarte Singen, which operates a public observatory and conducts public astronomical education.

**(281661) Michaelsiems = 2008 VW<sub>13</sub>**

*Discovery: 2008-11-08 / E. Schwab / Tzec Maun / H10*

Michael Siems (b. 1960) is a German boomerang thrower who began building boomerangs in 1982. He is a longtime friend of the discoverer, sharing the passion for boomerang sport. Siems won the German Championship in 1986 and often was captain of the German team at international competitions. He designed new boomerang shapes and is the author of several books.

**(505906) Raozihe = 2015 DV<sub>223</sub>**

*Discovery: 2011-03-30 / PMO NEO Survey Program / XuYi / D29*

Rao Zihe (b. 1950) is a Chinese biophysicist and an academician of the Chinese Academy of Sciences, the American Academy of Arts and Sciences, and the European Academy of Sciences. He has revealed fundamental structure-function and mechanistic insights into the life-cycle of highly pathogenic viruses and *Mycobacterium tuberculosis*.

## 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

P/2022 R3 (Leonard)		<i>MPEC 2022-S250</i>
P/2022 R2 (ATLAS)		<i>MPEC 2022-S87</i>
P/2022 R1 (PANSTARRS)		<i>MPEC 2022-R124</i>
P/2022 Q2 (ATLAS)		<i>MPEC 2022-R123</i>
C/2022 P3 (ZTF)		<i>MPEC 2022-R132</i>
P/2022 P2 (ZTF)		<i>MPEC 2022-Q201</i>
C/2022 P1 (NEOWISE)		<i>MPEC 2022-Q3</i>
C/2022 O2 (PANSTARRS)		<i>MPEC 2022-Q25</i>
C/2022 O1 (ATLAS)		<i>MPEC 2022-Q2</i>
C/2022 N2 (PANSTARRS)		<i>MPEC 2022-N48</i>
C/2022 N1 (Attard-Maury)	*	<i>MPEC 2022-N47</i>
P/2022 M1 (LONEOS-PANSTARRS)		2022-09-03
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)		MPEC 2022-E46
P/2022 D1 (PANSTARRS)		MPEC 2022-E07
P/2022 C3 (PANSTARRS)		MPEC 2022-D02
P/2022 C2 (PANSTARRS)		MPEC 2022-D01
P/2022 C1 (PANSTARRS)		MPEC 2022-C74
C/2022 B4 (Bok)		MPEC 2022-E133
P/2022 B1 (Wierchoś)	[Wierchos]	MPEC 2022-C2
C/2022 A3 (Lemmon-ATLAS)		MPEC 2022-E107
C/2022 A2 (PANSTARRS)		MPEC 2022-C1
C/2021 X1 (Maury-Attard)	*	MPEC 2022-J33
P/2021 V3 = P/2011 UE <sub>215</sub> (Lemmon-PANSTARRS)		2022-05-25
P/2021 R9 (Sheppard-Tholen)		MPEC 2022-O19
C/2021 QM <sub>45</sub> (PANSTARRS)		MPEC 2022-N12
C/2021 F1 (Lemmon-PANSTARRS)		MPEC 2022-C15
P/2020 WJ5 (Lemmon)		MPEC 2022-H121
P/2020 B4 (Sheppard)		MPEC 2022-D06
P/2020 A4 (PANSTARRS-Lemmon)		MPEC 2022-P91
C/2019 G4 (PANSTARRS)		MPEC 2022-P69
C/2018 T2 (TESS)		MPEC 2022-Q126
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

448P/2015 X1 = P/2022 Q1 = P/2008 T13 (PANSTARRS)	MPC 141922
447P/2021 R9 = P/2008 T14 (Sheppard-Tholen)	MPC 141922
446P/2012 O3 = P/2022 G2 (McNaught)	MPC 141173
445P/2014 R5 = P/1998 W9 = P/2006 S14 = P/2022 L5 (Lemmon-PANSTARRS)	MPC 141173
444P/2016 PM1 = P/2010 LK36 = P/2016 MD = P/2022 C4 (WISE-PANSTARRS)	MPC 141173
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

## 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 23486 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.





