



# WGSBN Bulletin



Volume 2, #9

2022 July 4

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.

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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> 34347	22	<i>For</i> <i>Anas penelope</i> <i>read</i> <i>Anas penelope</i> [(8440) citation]
<i>MPC</i> 34347	-26	<i>For</i> <i>Quercus</i> <i>read</i> <i>Quercus</i> [(8643) citation]
<i>MPC</i> 34347	-26 to -25	<i>For</i> <i>Quercus robur</i> <i>read</i> <i>Quercus robur</i> [(8643) citation]
<i>MPC</i> 34347	-21	<i>For</i> <i>Betula pendula</i> <i>read</i> <i>Betula pendula</i> [(8644) citation]
<i>MPC</i> 34347	-21	<i>For</i> <i>Betula</i> <i>read</i> <i>Betula</i> [(8644) citation]
<i>MPC</i> 34347	-16	<i>For</i> <i>Populus</i> <i>read</i> <i>Populus</i> [(8647) citation]
<i>MPC</i> 34347	-16	<i>For</i> <i>Populus nigra</i> <i>read</i> <i>Populus nigra</i> [(8647) citation]
<i>MPC</i> 34347	-15 to -14	<i>For</i> <i>Populus tremula</i> <i>read</i> <i>Populus tremula</i> [(8647) citation]
<i>MPC</i> 34347	-11	<i>For</i> <i>Salix</i> <i>read</i> <i>Salix</i> [(8648) citation]
<i>MPC</i> 34347	-11	<i>For</i> <i>Salix alba</i> <i>read</i> <i>Salix alba</i> [(8648) citation]
<i>MPC</i> 34347	- 9	<i>For</i> <i>Salix caprea</i> <i>read</i> <i>Salix caprea</i> [(8648) citation]
<i>MPC</i> 34347	- 4	<i>For</i> <i>Juglans</i> <i>read</i> <i>Juglans</i> [(8649) citation]
<i>MPC</i> 34347	- 4	<i>For</i> <i>Juglans regia</i> <i>read</i> <i>Juglans regia</i> [(8649) citation]
<i>MPC</i> 34348	1	<i>For</i> <i>Acacia</i> <i>read</i> <i>Acacia</i> [(8652) citation]
<i>MPC</i> 34348	1	<i>For</i> <i>Acacia mearnsii</i> <i>read</i> <i>Acacia mearnsii</i> [(8652) citation]
<i>MPC</i> 34348	7	<i>For</i> <i>Cupressus</i> <i>read</i> <i>Cupressus</i> [(8656) citation]
<i>MPC</i> 34348	7 to 8	<i>For</i> <i>Cupressus macrocarpia</i> <i>read</i> <i>Cupressus</i> <i>macrocarpia</i> [(8656) citation]
<i>MPC</i> 34348	8	<i>For</i> <i>Cupressocyparis leylandii</i> <i>read</i> <i>Cupressocyparis</i> <i>leylandii</i> [(8656) citation]
<i>MPC</i> 34348	15	<i>For</i> <i>Cedrus</i> <i>read</i> <i>Cedrus</i> [(8657) citation]
<i>MPC</i> 34348	15	<i>For</i> <i>Cedrus libani</i> <i>read</i> <i>Cedrus libani</i> [(8657) citation]
<i>MPC</i> 34348	36	<i>For</i> <i>Grus grus</i> <i>read</i> <i>Grus grus</i> [(8761) citation]

MPC 34348	41	For <i>Sterna hirundo</i> read <i>Sterna hirundo</i> [(8767) citation]
MPC 34348	46	For <i>Tyto alba</i> read <i>Tyto alba</i> [(8768) citation]
MPC 34348	-44	For <i>Sterna paradisaea</i> read <i>Sterna paradisaea</i> [(8769) citation]
MPC 34348	-23	For <i>Acer saccharum</i> read <i>Acer saccharum</i> [(8833) citation]
MPC 34348	-17 to -16	For <i>Anacardium occidentale</i> read <i>Anacardium occidentale</i> [(8834) citation]
MPC 34348	-11	For <i>Annona squamosa</i> read <i>Annona squamosa</i> [(8835) citation]
MPC 34348	- 5	For <i>Ilex aquifolium</i> read <i>Ilex aquifolium</i> [(8836) citation]
MPC 34348	- 5 to - 4	For <i>Ilex paraguariensis</i> read <i>Ilex paraguariensis</i> [(8836) citation]
MPC 34349	2	For <i>Bignonia capreolata</i> read <i>Bignonia capreolata</i> [(8850) citation]
MPC 34349	3	For <i>Crescentia cujete</i> read <i>Crescentia cujete</i> [(8850) citation]
MPC 34349	7	For <i>Buxus sempervirens</i> read <i>Buxus sempervirens</i> [(8852) citation]
MPC 34349	12	For <i>Celastrus scandens</i> read <i>Celastrus scandens</i> [(8856) citation]
MPC 34349	13	For <i>Euonymus europaeus</i> read <i>Euonymus europaeus</i> [(8856) citation]
MPC 34349	17 to 18	For <i>Cercidiphyllum japonicum</i> read <i>Cercidiphyllum japonicum</i> [(8857) citation]
MPC 34349	23	For <i>Cornus sanguinea</i> read <i>Cornus sanguinea</i> [(8858) citation]
MPC 34349	24	For <i>Cornus florida</i> read <i>Cornus florida</i> [(8858) citation]
MPC 34349	28	For <i>Dispyros</i> read <i>Dispyros</i> [(8872) citation]
MPC 34349	29	For <i>Diospyros virginiana</i> read <i>Diospyros virginiana</i> [(8872) citation]
MPC 34349	30	For <i>Diospyros ebenum</i> read <i>Diospyros ebenum</i> [(8872) citation]
MPC 34349	34	For <i>Elaeagnus augustifolia</i> read <i>Elaeagnus augustifolia</i> [(8886) citation]
MPC 34349	48	For <i>Gypaetus barbatus</i> read <i>Gypaetus barbatus</i> [(8978) citation]

MPC 34349	-45	For <i>Aquila clanga</i> read <i>Aquila clanga</i> [(8979) citation]
MPC 34349	-41	For <i>Aquila heliaca</i> read <i>Aquila heliaca</i> [(8980) citation]
MPC 34349	-11 to -10	For <i>Eucommia ulmoides</i> read <i>Eucommia ulmoides</i> [(9019) citation]
MPC 34349	- 6 to - 5	For <i>Eucryphia cordifolia</i> read <i>Eucryphia cordifolia</i> [(9020) citation]
MPC 34350	2	For <i>Fagus grandifolia</i> read <i>Fagus grandifolia</i> [(9021) citation]
MPC 34350	3	For <i>Fagus sylvatica</i> read <i>Fagus sylvatica</i> [(9021) citation]
MPC 34350	7	For <i>Flacourtia indica</i> read <i>Flacourtia indica</i> [(9040) citation]
MPC 34350	8	For <i>Hydnocarpus</i> read <i>Hydnocarpus</i> [(9040) citation]
MPC 34350	19	For <i>Hamamelis virginiana</i> read <i>Hamamelis</i> <i>virginiana</i> [(9053) citation]
MPC 34350	24	For <i>Aesculus hippocastanum</i> read <i>Aesculus</i> <i>hippocastanum</i> [(9054) citation]
MPC 34351	35	For <i>Eucalyptus</i> read <i>Eucalyptus</i> [(9203) citation]
MPC 34351	35	For <i>Myrtus communis</i> read <i>Myrtus communis</i> [(9203) citation]
MPC 34351	41	For <i>Olea europea</i> read <i>Olea europea</i> [(9242) citation]
MPC 34352	50	For <i>Pittosporum eugenioides</i> read <i>Pittosporum</i> <i>eugenioides</i> [(9306) citation]
MPC 34352	-46	For <i>Platanus acerifolia</i> read <i>Platanus acerifolia</i> [(9309) citation]
MPC 34352	-38	For <i>Protea mellifera</i> read <i>Protea mellifera</i> [(9313) citation]
MPC 34352	-36	For <i>Embothrium coccineum</i> read <i>Embothrium</i> <i>coccineum</i> [(9313) citation]
MPC 34352	-28	For <i>Rhamnus purshina</i> read <i>Rhamnus purshina</i> [(9316) citation]
MPC 34352	-22	For <i>Ruta graveolens</i> read <i>Ruta graveolens</i> [(9326) citation]
MPC 34354	-39	For <i>Heteralocha acutirostris</i> read <i>Heteralocha</i> <i>acutirostris</i> [(9488) citation]
MPC 54174	-27	For <i>Martes zibellina</i> read <i>Martes zibellina</i> [(13351) citation]

MPC 64312	25	For Awasima read Awashima [(13039) citation]
MPC 64564	-33	For businessmen read businessman [(69421) citation]
MPC 66727	36	For name of the great bell and clock tower read nickname of both the great bell and clock tower [(69263) citation]
MPC 67763	-41	For nd read and [(218400) citation]
MPC 68449	- 6	For Ivezic read Ivezić [(202930) name]
MPC 68449	- 3	For Zeljko Ivezic read Željko Ivezić [(202930) citation]
MPC 73985	- 5	For 'Treasure Island' read <i>Treasure Island</i> [(256797) citation]
MPC 78272	10	For Maciulis read Mačiulis [(252794) citation]
MPC 79108	3	For playwright read playwright [(204370) citation]
MPC 81071	-26	For anton read canton [(314040) citation]
MPC 86284	-17	For 'The Time Machine' read <i>The Time Machine</i> [(283142) citation]
MPC 91793	-33	For 'Labyrinth' and 'Prestige' read <i>Labyrinth</i> and <i>Prestige</i> [(342843) citation]
MPC 94391	-10	For Avila read Ávila [(309706) name]
MPC 94391	-10	For Avila de los caballeros read Ávila de los Caballeros [(309706) citation]
MPC 98715	41	For Hilendarski read Hilendàrski [(236785) name]
MPC 98715	43	For Hilendarski read Hilendàrski [(236785) citation]
MPC 101216	37	For Vosne-Romancee read Vosne-Romanée [(262705) name]
MPC 106504	14	For Gardenia read <i>Gardenia</i> [(255587) citation]
MPC 106504	14	For Rubiaceae read Rubiaceae [(255587) citation]
MPC 111803	-42	For Eryngium Maritimum read <i>Eryngium maritimum</i> [(199194) citation]
MPC 115895	-27	For Astronomer Italian amateur read Italian amateur astronomer [(379130) citation]
Bull. 1, #3, 8	- 2	For (b. 1950) read (b. 1948) [(26588) citation]
Bull. 2, #7, 11	- 4	For obtained his Ph.D. from Cornell in 1982 read obtained degrees from Williams College and Cornell [(100053) citation]
Bull. 2, #8, 9	-15	For New Mexico read Arizona and New Mexico [(27604) citation]

## 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.

### **(10110) Jameshead = 1992 LJ**

*Discovery: 1992-06-03 / G. J. Leonard / Palomar / 675*

James W. Head (b. 1941) is an American geologist who has been involved in geological and surface exploration of solar-system bodies since the Apollo era. He participated in the selection of Apollo landing sites, trained astronaut crews in geology and surface exploration, planned experiments deployed on the Moon, and analyzed returned lunar samples.

### **(10113) Alantitle = 1992 PX<sub>2</sub>**

*Discovery: 1992-08-06 / H. E. Holt / Palomar / 675*

Alan M. Title (b. 1938) is an American physicist who participated in the Apollo Telescope Mount investigation on Skylab 2 in 1973. He developed solar telescopes and has served the COSPAR solar-physics and Earth-science communities, contributing to the Space Weather and the Small Satellite COSPAR roadmaps.

### **(10118) Jiwu = 1992 UK<sub>1</sub>**

*Discovery: 1992-10-19 / S. Ueda, H. Kaneda / Kushiro / 399*

Ji Wu (b. 1958) is a Chinese physicist who has promoted collaboration between China, Europe, Russia and the United States. He was a key player in developing Double Star, the first Chinese space-science mission, and he coordinates collaboration between the Double Star program and the ESA Cluster mission.

### **(10133) Gerdahorneck = 1993 GC<sub>1</sub>**

*Discovery: 1993-04-15 / H. E. Holt / Palomar / 675*

Gerda Horneck (b. 1939) is a German astrobiologist who has pioneered space-biology experiments since the beginning of the space age. She has investigated the effects of space-environment exposure on a broad range of samples of living biota. Horneck was PI for astrobiology experiments from Spacelab 1 to the ISS.

### **(10134) Joycepenner = 1993 HL<sub>6</sub>**

*Discovery: 1993-04-17 / H. Debehogne / La Silla / 809*

Joyce E. Penner (b. 1948) is an American atmospheric physicist and a leader in identifying the diversity of atmospheric aerosols associated with human activities, and how these aerosols drive climate change. Her discoveries or assessments have influenced most of the scientists working on the aerosol-climate connection.



**(10135) Wimhermsen = 1993 LZ<sub>1</sub>**

*Discovery: 1993-06-13 / H. E. Holt / Palomar / 675*

Wim Hermsen (b. 1947) is a Dutch physicist who has served COSPAR since 1988. He has become involved in almost all aspects of COSPAR's activities, including the Publications Committee, the Finance Committee and Scientific Commission E. Hermsen initiated and has supported Capacity Building workshops.

**(28117) Mort = 1998 SK<sub>57</sub>**

*Discovery: 1998-09-17 / LONEOS / Anderson Mesa / 699*

Greg Mort (b. 1952) is a long-time supporter of Lowell Observatory's mission. Greg is an accomplished artist whose artwork has been displayed in the Smithsonian Museum of Art, the Smithsonian Air and Space Museum, the Corcoran Museum of Art and the White House. Greg's artwork was the first interstellar art exhibition aboard the International Space Station

**(28148) Fuentes = 1998 TL<sub>34</sub>**

*Discovery: 1998-10-14 / LONEOS / Anderson Mesa / 699*

Angel Fuentes (b. 1983) is Dean of Academic and Student Affairs for the Math and Sciences Division at Laney College in California. Angel supports Lowell Observatory's mission to make astronomical phenomenon accessible to the public. Angel serves on Lowell Observatory's Advisory Board and is the Co-Chair of Lowell's Education and Outreach Committee.

**(103015) Gianfranmarcon = 1999 XF<sub>104</sub>**

*Discovery: 1999-12-08 / M. Di Sora, F. Mallia \* / Campo Catino / 468*

Gianfranco Marcon (1939–2022) was an Italian telescope builder. Starting in 1970, he made hundreds of instruments up to 0.80-m diameter, which were used by individual amateurs and amateur groups. Marcon also built instruments for professional observers and universities.

**(229280) Sica = 2005 BN<sub>47</sub>**

*Discovery: 2005-01-16 / P. A. Wiegert / Mauna Kea / 568*

Robert Joseph Sica (b.1956) is an American-Canadian atmospheric physicist who earned his PhD at the University of Alaska in 1985, on the atmospheric coupling between the aurora and winds in the upper atmosphere. He was Chair of the Department of Physics and Astronomy at the University of Western Ontario in London, Canada from 2015 to 2022.

**(251485) Bois-d'Amont = 2008 ED<sub>7</sub>**

*Discovery: 2008-03-02 / P. Kocher \* / Marly / A13*

Bois-d'Amont is a small municipality about 6 km from Fribourg, Switzerland. The municipality is home to the Observatory of Pendes, whose main objective is the promotion of astronomy among the population, in particular among young people. The support of Bois-d'Amont was and is important for the well-being of the observatory.

**(265380) Terzan = 2004 RD<sub>253</sub>**

*Discovery: 2004-09-15 / J. Pittichová \* / Mauna Kea / 568*

Agop Terzan (1927–2020) was a Turkish-Armenian astronomer who discovered, investigated, and cataloged thousands of variable stars and dozens of clusters and nebulae in the direction of the Galactic Bulge.

**(300933) Teresamarion = 2008 CG<sub>118</sub>**

*Discovery: 2008-02-08 / OAM / Costitx / 620*

Teresa Marion Sanchez Caldentey (b. 1993) is the daughter of astronomer Salvador Sanchez, who helped promote the activities of the Mallorca Observatory and planetarium.

**(546846) Sunpeiyuan = 2018 VD<sub>42</sub>**

*Discovery: 2011-01-09 / Z. Xu, X. Gao / Xingming / C42*

Sun Peiyuan (b. 1994) is a Chinese amateur astronomer and a member of Xingming Observatory. He has discovered several novae, supernovae, asteroids and SOHO comets, and is engaged in the popularization of astronomy.

**(591964) Jakucs = 2014 JA<sub>49</sub>**

*Discovery: 2010-09-07 / K. Sárneczky, Z. Kuli \* / Piszkestető / 461*

László Jakucs (1926–2001) was a Hungarian geologist and speleologist, who discovered the Béke Cave in the Aggtelek Karst. Jakucs organized, and led for 28 years, the Department of Natural Geography at the Szeged University. He was a very active science communicator, making a number of educational nature films.

**(616688) Gaowei = 2016 SE<sub>37</sub>**

*Discovery: 2016-09-29 / P. Sun, X. Gao / Xingming / C42*

Gao Wei (b. 1982) is a Chinese amateur astronomer in Nong'an, Jilin. He is a member of the Xingming Observatory Sky Survey team and has discovered many new objects, including novae in M31 and M33, supernovae and asteroids.

**(616689) Yihangyiyang = 2016 VD<sub>27</sub>**

*Discovery: 2016-11-01 / G. Sun, X. Gao / Xingming / C42*

Sun Yihang (b. 2014) and Sun Yiyang (b. 2017) are the sons of Chinese amateur astronomer Sun Guoyou, who is one of the discoverers of the asteroid.

## 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 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]	<i>MPEC 2022-A59</i>
C/2021 Y1 (ATLAS)		<i>MPEC 2022-A50</i>
C/2021 X1 (Maury-Attard)	*	<i>MPEC 2022-J33</i>

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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
C/2021 T2 (Fuls)	MPEC 2021-T169
C/2021 T1 (Lemmon)	MPEC 2021-T168
C/2021 S4 (Tsuchinshan)	MPEC 2021-T167
C/2021 S3 (PANSTARRS)	MPEC 2021-T166
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 23314 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.



