



WGSBN Bulletin



Volume 2, #8

2022 June 13

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>Editorial Notice</u>	<u>4</u>
<u>Errata</u>	<u>4</u>
<u>New Names of Minor Planets</u>	<u>9</u>
<u>(5718) Roykerr = 1983 PB</u>	<u>9</u>
<u>(27562) Josephmarcus = 2000 KJ54</u>	<u>9</u>
<u>(27604) Affeldt = 2001 FY174</u>	<u>9</u>
<u>(28344) Tallsalt = 1999 FE19</u>	<u>9</u>
<u>(33748) Davegault = 1999 PP4</u>	<u>9</u>
<u>(40081) Rault = 1998 MG14</u>	<u>10</u>
<u>(40201) Besely = 1998 SO13</u>	<u>10</u>
<u>(40233) Baradeau = 1998 UH2</u>	<u>10</u>
<u>(50723) Beckley = 2000 EG143</u>	<u>10</u>
<u>(91001) Shanghaishida = 1998 BY8</u>	<u>10</u>
<u>(279037) Utezimmer = 2008 VU13</u>	<u>10</u>
<u>(342372) Titia = 2008 UQ5</u>	<u>10</u>
<u>(346150) Nanyi = 2007 VE253</u>	<u>11</u>
<u>(497593) Kejimkujik = 2006 JU69</u>	<u>11</u>
<u>(545564) Sabonis = 2011 QA50</u>	<u>11</u>
<u>(549648) Shirokov = 2011 QA39</u>	<u>11</u>
<u>(604750) Marisabele = 2015 TO260</u>	<u>11</u>
<u>(613419) Lafayettequartet = 2006 JQ75</u>	<u>11</u>
<u>Recent Comet Namings & Numberings</u>	<u>12</u>
<u>Recent Namings</u>	<u>12</u>
<u>Recent Numberings</u>	<u>13</u>
<u>Standard Acronyms & Abbreviations</u>	<u>14</u>
<u>Statistics & Links</u>	<u>14</u>
<u>WGSBN Members</u>	<u>15</u>

Editorial Notice

This *Bulletin* contains quite a large number of errata, which were detected while cleaning up the WGSBN databases of names, discovery circumstances and citations, in preparation for bringing on-line various forms for searching for names and citations, as well as an API for querying the public versions of the databases. Several of these errata concern missing diacritical marks in the names. In some cases, the diacritical marks were present in the citations, but not in the name! Discoverers are encouraged to be diligent in ensuring that proposed names (and citations) contain all appropriate diacritical marks. If in doubt about how to do that in the current version of the name submission site, please contact the WG.

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> 33790	–10	<i>For</i> Anser brachyrhynchus <i>read</i> Anser brachyrhynchus [(8433) citation, as fixed on <i>MPC</i> 34089 (same for all the errata on <i>MPC</i> 33790–33794)]
<i>MPC</i> 33790	– 4	<i>For</i> Cygnus columbianus <i>read</i> Cygnus columbianus [(8434) citation]
<i>MPC</i> 33790	– 4	<i>For</i> Cygnus bewickii <i>read</i> Cygnus bewickii [(8434) citation]
<i>MPC</i> 33791	1	<i>For</i> Anser anser <i>read</i> Anser anser [(8435) citation]
<i>MPC</i> 33791	5	<i>For</i> Branta leucopsis <i>read</i> Branta leucopsis [(8436) citation]
<i>MPC</i> 33791	9	<i>For</i> Branta bernicla <i>read</i> Branta bernicla [(8437) citation]
<i>MPC</i> 33791	12	<i>For</i> Aythya marila <i>read</i> Aythya marila [(8438) citation]
<i>MPC</i> 33791	16	<i>For</i> Mergus albellus <i>read</i> Mergus albellus [(8439) citation]

MPC 33791	20	For <i>Limosa lapponica</i> read <i>Limosa lapponica</i> [(8441) citation]
MPC 33791	24	For <i>Haematopus ostralegus</i> read <i>Haematopus ostralegus</i> [(8442) citation]
MPC 33791	28	For <i>Luscinia svecica</i> read <i>Luscinia svecica</i> [(8443) citation]
MPC 33791	-17	For <i>Ardea purpurea</i> read <i>Ardea purpurea</i> [(8585) citation]
MPC 33791	-13	For <i>Upupa epops</i> read <i>Upupa epops</i> [(8586) citation]
MPC 33791	- 9	For <i>Tachybaptus ruficollis</i> read <i>Tachybaptus ruficollis</i> [(8587) citation]
MPC 33791	- 5	For <i>Recurvirostra avosetta</i> read <i>Recurvirostra avosetta</i> [(8588) citation]
MPC 33791	- 1	For <i>Botaurus stellaris</i> read <i>Botaurus stellaris</i> [(8589) citation]
MPC 33792	4	For <i>Circus pygargus</i> read <i>Circus pygargus</i> [(8590) citation]
MPC 33792	8	For <i>Lanius excubitor</i> read <i>Lanius excubitor</i> [(8591) citation]
MPC 33792	12	For <i>Saxicola rubetra</i> read <i>Saxicola rubetra</i> [(8592) citation]
MPC 33792	16	For <i>Marmaronetta angustirostris</i> read <i>Marmaronetta angustirostris</i> [(8593) citation]
MPC 33792	16	For <i>Anas angustirostris</i> read <i>Anas angustirostris</i> [(8593) citation]
MPC 33792	21	For <i>Sterna albifrons</i> read <i>Sterna albifrons</i> [(8594) citation]
MPC 33792	25	For <i>Sterna dougallii</i> read <i>Sterna dougallii</i> [(8595) citation]
MPC 33792	29	For <i>Pterocles alchata</i> read <i>Pterocles alchata</i> [(8596) citation]
MPC 33792	33	For <i>Sterna sandvicensis</i> read <i>Sterna sandvicensis</i> [(8597) citation]
MPC 33792	37	For <i>Tetrao tetrix</i> read <i>Tetrao tetrix</i> [(8598) citation]
MPC 33792	37	For <i>Lyrurus tetrix</i> read <i>Lyrurus tetrix</i> [(8598) citation]
MPC 33792	41	For <i>Riparia riparia</i> read <i>Riparia riparia</i> [(8599) citation]

MPC 33792	45	For <i>Acrocephalus arundinaceus</i> read <i>Acrocephalus arundinaceus</i> [(8600) citation]
MPC 33792	-47	For <i>Ciconia ciconia</i> read <i>Ciconia ciconia</i> [(8601) citation]
MPC 33792	-43	For <i>Burhinus oedicnemus</i> read <i>Burhinus oedicnemus</i> [(8602) citation]
MPC 33792	-39	For <i>Lanius senator</i> read <i>Lanius senator</i> [(8603) citation]
MPC 33792	-21	For <i>Netta rufina</i> read <i>Netta rufina</i> [(8750) citation]
MPC 33792	-17	For <i>Podiceps nigricollis</i> read <i>Podiceps nigricollis</i> [(8751) citation]
MPC 33792	-13	For <i>Asio flammeus</i> read <i>Asio flammeus</i> [(8752) citation]
MPC 33792	- 9	For <i>Nycticorax nycticorax</i> read <i>Nycticorax nycticorax</i> [(8753) citation]
MPC 33792	- 5	For <i>Platalea leucorodia</i> read <i>Platalea leucorodia</i> [(8754) citation]
MPC 33792	- 1	For <i>Anas querquedula</i> read <i>Anas querquedula</i> [(8755) citation]
MPC 33793	4	For <i>Somateria mollissima</i> read <i>Somateria mollissima</i> [(8756) citation]
MPC 33793	8	For <i>Circus cyaneus</i> read <i>Circus cyaneus</i> [(8757) citation]
MPC 33793	12	For <i>Perdix perdix</i> read <i>Perdix perdix</i> [(8758) citation]
MPC 33793	16	For <i>Porzana porzana</i> read <i>Porzana porzana</i> [(8759) citation]
MPC 33793	20	For <i>Crex crex</i> read <i>Crex crex</i> [(8760) citation]
MPC 33793	24	For <i>Charadrius hiaticula</i> read <i>Charadrius hiaticula</i> [(8762) citation]
MPC 33793	28	For <i>Philomachus pugnax</i> read <i>Philomachus pugnax</i> [(8763) citation]
MPC 33793	32	For <i>Gallinago gallinago</i> read <i>Gallinago gallinago</i> [(8764) citation]
MPC 33793	36	For <i>Limosa limosa</i> read <i>Limosa limosa</i> [(8765) citation]
MPC 33793	40	For <i>Chlidonias niger</i> read <i>Chlidonias niger</i> [(8766) citation]
MPC 33793	44	For <i>Tringa totanus</i> read <i>Tringa totanus</i> [(8770) citation]

MPC 33793	-47	For <i>Panurus biarmicus</i> read <i>Panurus biarmicus</i> [(8771) citation]
MPC 33793	-43	For <i>Ixobrychus minutus</i> read <i>Ixobrychus minutus</i> [(8772) citation]
MPC 33793	-39	For <i>Jynx torquilla</i> read <i>Jynx torquilla</i> [(8773) citation]
MPC 33793	-35	For <i>Picus viridis</i> read <i>Picus viridis</i> [(8774) citation]
MPC 33793	-31	For <i>Galerida cristata</i> read <i>Galerida cristata</i> [(8775) citation]
MPC 33793	-27	For <i>Anthus campestris</i> read <i>Anthus campestris</i> [(8776) citation]
MPC 33793	-23	For <i>Saxicola torquata</i> read <i>Saxicola torquata</i> [(8777) citation]
MPC 33793	- 1	For <i>Oenanthe oenanthe</i> read <i>Oenanthe oenanthe</i> [(8959) citation]
MPC 33794	4	For <i>Locustella luscinioides</i> read <i>Locustella</i> <i>luscinioides</i> [(8960) citation]
MPC 33794	8	For <i>Acrocephalus schoenobaenus</i> read <i>Acrocephalus schoenobaenus</i> [(8961) citation]
MPC 33794	12	For <i>Athene noctua</i> read <i>Athene noctua</i> [(8962) citation]
MPC 33794	16	For <i>Lanius collurio</i> read <i>Lanius collurio</i> [(8963) citation]
MPC 33794	20	For <i>Corvus corax</i> read <i>Corvus corax</i> [(8964) citation]
MPC 33794	24	For <i>Emberiza citrinella</i> read <i>Emberiza citrinella</i> [(8965) citation]
MPC 33794	28	For <i>Emberiza hortulana</i> read <i>Emberiza hortulana</i> [(8966) citation]
MPC 33794	32	For <i>Miliaria calandra</i> read <i>Miliaria calandra</i> [(8967) citation]
MPC 33794	36	For <i>Caprimulgus europaeus</i> read <i>Caprimulgus</i> <i>europaeus</i> [(8968) citation]
MPC 33794	40	For <i>Charadrius alexandrinus</i> read <i>Charadrius</i> <i>alexandrinus</i> [(8969) citation]
MPC 33794	44	For <i>Bucephala islandica</i> read <i>Bucephala islandica</i> [(8970) citation]
MPC 33794	-48	For <i>Oxyura leucocephala</i> read <i>Oxyura leucocephala</i> [(8971) citation]

WGSBN Bull. 2, #8

<i>MPC 33794</i>	–44	<i>For Turnix sylvatica read Turnix sylvatica</i> [(8972) citation]
<i>MPC 33794</i>	–40	<i>For Glareola pratincola read Glareola pratincola</i> [(8973) citation]
<i>MPC 33794</i>	–36	<i>For Chettusia gregaria read Chettusia gregaria</i> [(8974) citation]
<i>MPC 33794</i>	–32	<i>For Alcedo atthis read Alcedo atthis</i> [(8975) citation]
<i>MPC 33794</i>	–28	<i>For Oenanthe leucura read Oenanthe leucura</i> [(8976) citation]
<i>MPC 33794</i>	–24	<i>For Acrocephalus paludicola read Acrocephalus</i> <i>paludicola</i> [(8977) citation]
<i>MPC 41573</i>	38	<i>For Jorvik read Jórvík</i> [(16083) name]
<i>MPC 41573</i>	40	<i>For Jorvik read Jórvík</i> [(16083) citation]
<i>MPC 44933</i>	–18	<i>For Vonsecker read VonSecker</i> [(17253) name]
<i>MPC 45235</i>	– 6	<i>For move read movie</i> [(23258) citation]
<i>MPC 46768</i>	–19	<i>For Dibucci read DiBucci</i> [(14129) name]
<i>MPC 65406</i>	–46	<i>For earch read Search</i> [(25415) citation]
<i>MPC 67760</i>	–14	<i>For Boudewijnbuch read Boudewijnbüch</i> [(23403) name]
<i>MPC 68967</i>	–23	<i>For Sear ch read Search</i> [(25962) citation]
<i>MPC 71352</i>	– 4	<i>For Belgarian read Bulgarian</i> [(225238) citation]
<i>MPC 92390</i>	–48	<i>For Delaboudiniere read Delaboudinière</i> [(91607) name]
<i>MPC 95310</i>	25	<i>For (1928) read (b. 1928)</i> [(13526) citation]
<i>MPC 95804</i>	26	<i>For Barthelemy read Barthélémy</i> [(28248) name]
<i>MPC 103030</i>	–25	<i>For (1977) read (b. 1977)</i> [(23691) citation]
<i>Bull. 1, #12, 12</i>	– 5	<i>For Kacperwierzchos read Kacperwierzchoś</i> [(594782) name]
<i>Bull. 1, #12, 12</i>	– 3	<i>For Wierzchos read Wierzchoś</i> [(594782) citation]
<i>Bull. 2, #7, 10</i>	– 4	<i>For Mathew read Matthew</i> [(60532) 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.

(5718) Roykerr = 1983 PB

Discovery: 1983-08-04 / A. C. Gilmore, P. M. Kilmartin / Lake Tekapo / 474

Roy Patrick Kerr (b. 1934) is a New Zealand mathematician. He was awarded the 2016 Crafoord Prize, as well as many other awards, for his 1963 discovery of the solution of Einstein's equation which exactly describes a rotating black hole. This work revolutionized both physics and astronomy.

(27562) Josephmarcus = 2000 KJ₅₄

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

Joseph Marcus (b. 1949) is a pathologist with a longtime interest in comets. As a resident at Washington University in St Louis, he founded and edited the quarterly *Comet News Service* published by the McDonnell Planetarium from 1975 to 1986. He serves on the Lowell Observatory Advisory Board where he chairs the Putnam Collection Center Committee.

(27604) Affeldt = 2001 FY₁₇₄

Discovery: 2001-03-19 / LONEOS / Anderson Mesa / 699

Allan Affeldt (b. 1958) is known for the restoration of historic hotels in New Mexico. He once worked extensively in international conflict resolution and currently serves on many non-profit boards including the Lowell Observatory Advisory Board.

(28344) Tallsalt = 1999 FE₁₉

Discovery: 1999-03-22 / LONEOS / Anderson Mesa / 699

Verna Tallsalt (b. 1963) has a Masters degree in Bilingual Multicultural Education. Verna is an elementary school teacher on the Navajo Nation. She participates in STEM educational programs with NAU, Diné College, and NASA. Verna serves on Lowell Observatory's Advisory Board and is active as an indigenous cultural advisor.

(33748) Davegault = 1999 PP₄

Discovery: 1999-08-15 / J. Broughton / Reedy Creek / 428

Dave Gault (b. 1957) is an amiable coordinator and diligent analyser of occultations for the Australasian region. An avid video observer, in 2021 he co-discovered the relatively large and nearby companion to (4337) Arecibo. It is the first double asteroid discovered that was subsequently confirmed by way of occultation results alone.

(40081) Rault = 1998 MG₁₄

Discovery: 1998-06-25 / ODAS / Caussols / 910

Jean Louis Rault (b. 1949) is a French amateur radio astronomer who was president of the radioastronomy commission of the Société Astronomique de France from 2008 to 2019. He is responsible for the radio part of the Vigie-Ciel network, which detects the echoes of the GRAVES space surveillance radar.

(40201) Besely = 1998 SO₁₃

Discovery: 1998-09-21 / ODAS / Caussols / 910

Besely is the name of the first astronomical observatory in Madagascar. It is managed by Haikintana, Association Malgache pour la promotion de la science, Société Astronomique de France and Uranoscope de France. It aims to develop astronomy and science in Madagascar and in Africa.

(40233) Baradeau = 1998 UH₂

Discovery: 1998-10-20 / ODAS / Caussols / 910

Patrick Baradeau (b. 1952) is a French historian and publisher. He worked with the Ministry of National Education and he was president and secretary general of the Société astronomique de France from 2014 to 2021. He was also the Director of the publication of the magazine *l'Astronomie*.

(50723) Beckley = 2000 EG₁₄₃

Discovery: 2000-03-03 / CSS / Catalina / 703

Elizabeth Beckley (c. 1846–1927) was the first observer with the new photoheliograph at the Kew Observatory, London. She began working there in the 1860s, as a teenager, and continued for over a decade, using the labor-intensive ‘wet collodion’ process in solar photography for the first time.

(91001) Shanghaishida = 1998 BY₈

Discovery: 1998-01-18 / Beijing Schmidt CCD Asteroid Program / Xinglong / 327

As a Key University founded in 1954, Shanghai Normal University (ShNU, Shanghaishida) is a high level comprehensive university in Shanghai with fields of liberal arts, natural sciences, engineering sciences, and fine arts, featuring strengths in teacher training. ShNU established its MS and PhD programs in Astronomy in 2004 and 2021, respectively.

(279037) Utezimmer = 2008 VU₁₃

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

Ute Zimmer (b. 1964) is a German amateur astronomer who started her astronomical work in 2007 at the Taunus Observatory of the Physikalischer Verein, Frankfurt am Main. She has discovered numerous minor planets, including the Apollo-type object 2009 DM₄₅.

(342372) Titia = 2008 UQ₅

Discovery: 2008-10-25 / F. Kugel / Dauban / A77

Patricia ‘Titia’ Colombin (1954–2022) was the companion of the discoverer. A talented painter, she also contributed to the creation and development of the Dauban Observatory.

(346150) Nanyi = 2007 VE₂₅₃

Discovery: 2007-11-05 / PMO NEO Survey Program / XuYi / D29

Nanyi is the Chinese abbreviation of “Nanjing Medical University”, which was founded in 1934 and is one of the birthplaces of public health education in modern China. It is known as a cradle for the growth of China's outstanding medical talents and an incubator of medical research and innovation.

(497593) Kejimkujik = 2006 JU₆₉

Discovery: 2006-05-01 / P. A. Wiegert / Mauna Kea / 568

Kejimkujik National Park and National Historic Site is an area of natural beauty and historical significance in Nova Scotia, Canada. The indigenous Mi'kmaq people consider Kejimkujik to be a sacred ancestral place. The Royal Astronomical Society of Canada declared Kejimkujik to be a Dark Sky Preserve in 2010.

(545564) Sabonis = 2011 QA₅₀

*Discovery: 2011-08-23 / K. Černis, I. Eglītis * / Baldone / 069*

Arvydas Sabonis (b. 1964) is a retired Lithuanian professional basketball player and businessman. Sabonis won a gold medal at the 1988 Summer Olympics, and bronze medals at the 1992 and 1996 Olympic Games.

(549648) Shirokov = 2011 QA₃₉

Discovery: 2011-08-27 / T. Kryachko, B. Satovski / Zelenchukskaya Stn / 114

Stanislav Vasilevich Shirokov (1932–2010) was a Soviet astronomer, playwright and lecturer at the Moscow Planetarium and the Argo astronomical school. He created a number of theatrical astronomical programs, which are recognized as masterpieces in the field of popularization of astronomy.

(604750) Marisabele = 2015 TO₂₆₀

*Discovery: 2015-10-06 / K. Černis, I. Eglītis * / Baldone / G96*

Maris Abele (1937–2022) was a Latvian astronomer and a designer of satellite tracking devices. He constructed the widely-used photographic satellite camera AFU-75 and several satellite laser-ranging telescopes that are used worldwide.

(613419) Lafayettequartet = 2006 JQ₇₅

Discovery: 2006-05-01 / P. A. Wiegert / Mauna Kea / 568

The Lafayette String Quartet is an all-female ensemble still comprised of the original members after 35 years. Artists in residence at the University of Victoria in Canada, they have mentored countless students to musical excellence, while championing contemporary music in concerts worldwide alongside mastery of the most demanding classical repertoire.

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 L1 (Catalina)		<i>MPEC 2022-L97</i>
C/2022 K1 (Leonard)		<i>MPEC 2022-L53</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 ₂₁₀ (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 (Wierzczoś)	[Wierzcchos]	<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>
P/2021 V3 = P/2011 UE ₂₁₅ (Lemmon-PANSTARRS)		2022-05-25
P/2021 V2 (Fuls)		<i>MPEC 2021-V169</i>
C/2021 V1 (Rankin)		<i>MPEC 2021-V167</i>
C/2021 U5 (Catalina)		<i>MPEC 2021-V199</i>

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
C/2021 S1 (ATLAS)		MPEC 2021-T21
P/2021 R8 (Sheppard)		MPEC 2021-X149
C/2021 R7 (PANSTARRS)		MPEC 2021-T162
C/2021 R6 (Gröller)	[Groeller]	MPEC 2021-S113
P/2021 R5 (Rankin)		MPEC 2021-R257
P/2021 R4 (Wierzchoś)	[Wierzchos]	MPEC 2021-R256
P/2021 R3 (PANSTARRS)		MPEC 2021-R255
C/2021 Q6 (PANSTARRS)		MPEC 2021-R167
P/2021 HS (PANSTARRS)		MPEC 2021-S44
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

Recent Numberings

443P/2022 E1 = 2005 N11 = 2015 PO ₂₁₀ (PANSTARRS-Christensen)		MPC 139977
442P/2011 Q3 = 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 ₉₆ = P/2021 W1 (LINEAR)		MPC 136564
438P/2005 T2 = P/2012 V5 = P/2020 OV ₆₂ (Christensen)		MPC 136564
437P/2021 V3 = P/2011 UE ₂₁₅ (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 ₈ = 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 ₂₀ = 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 23297 named minor planets.

Discoverers of minor planets may submit name proposals via the WGSBN voting website at: https://minorplanetcenter.net//submit_name/login

Registration is required to access this site. Requests for access should be made to 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.

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.

