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## EDITORIAL NOTICE

Contributors of perturbed orbital elements are advised that the use of the epoch 2014 May 23.0 TT (rather than 2013 Nov. 4.0 TT) will become effective after the publication of *this* batch of *Minor Planet Circulars*. The implementation of this change, originally announced in the Feb. 14 *MPC* Editorial Notice, had to abandoned due to issues with the new database table that was supposed to ease this transition internally.

## ERRATA

| *MPC* | Line | |
|---|---|---|
| 84046 | −15 | *For* Kashihara *read* Nyukasa (also *MPO* 261396, line 2) [discovery site for (364910)] |
| 86716 | 10 | *For* and Ye, Q.-z. *read* and Q.-z. Ye [discoverers for (204710)] |
| 87142 | −36 to −35 | *For* to 3182 meters. *read* to 3682 meters. [citation for (212998)] |

## NEW OBSERVATORY CODES

The following listing is a continuation to that on *MPC* 86719. The longitudes $\lambda$ are measured in degrees eastward from Greenwich, and the parallax constants $\rho\cos\phi'$ and $\rho\sin\phi'$ are the product of the geocentric distance (in earth equatorial radii) and the cosine and sine, respectively, of the geocentric latitude.

| Obs. | $\lambda$ | $\rho\cos\phi'$ | $\rho\sin\phi'$ | |
|---|---|---|---|---|
| K12 | 2.7267 | 0.77121 | +0.63447 | Obsevatorio Astronomico de Marratxi |
| K30 | 7.14839 | 0.682674 | +0.728365 | Lüscherz |
| T08 | 204.4236 | 0.94329 | +0.33246 | ATLAS-MLO, Mauna Loa |
| U69 | 240.5870 | 0.79904 | +0.59962 | iTelescope SRO Observatory, Auberry |
| X38 | 301.13711 | 0.825648 | −0.562299 | Observatorio Pueyrredon, La Lonja |

## DELETED OBSERVATIONS

The following observations are to be deleted.

| Object | Date | UT | $\alpha_{2000}$ | $\delta_{2000}$ | Reference | Obs. |
|---|---|---|---|---|---|---|
| 2001 $SL_{91}$ | 2001 08 | 23.45245 | 23 51 58.00 | +02 26 26.7 | *MPS* 43889 | 691 |
| 2001 $SL_{91}$ | 2001 08 | 23.46950 | 23 51 57.44 | +02 26 25.4 | *MPS* 43889 | 691 |
| 2001 $SL_{91}$ | 2001 08 | 23.48361 | 23 51 56.93 | +02 26 25.6 | *MPS* 43889 | 691 |
| 2011 $BA_{163}$ | *2011 01 | 28.40421 | 09 42 06.37 | +08 00 29.9 | *MPS* 493508 | G96 |
| 2011 $BA_{163}$ | 2011 01 | 28.41175 | 09 42 05.90 | +08 00 31.9 | *MPS* 493508 | G96 |
| 2011 $BA_{163}$ | 2011 01 | 28.41925 | 09 42 05.47 | +08 00 33.2 | *MPS* 493508 | G96 |
| 2011 $BA_{163}$ | 2011 01 | 28.42675 | 09 42 05.04 | +08 00 34.8 | *MPS* 493508 | G96 |
| 2011 $BA_{163}$ | 2011 01 | 30.35251 | 09 40 12.406 | +08 07 05.76 | *MPS* 493508 | F51 |
| 2011 $BA_{163}$ | 2011 01 | 30.36706 | 09 40 11.525 | +08 07 09.07 | *MPS* 493508 | F51 |
| 2011 $BA_{163}$ | 2011 01 | 30.38269 | 09 40 10.571 | +08 07 12.30 | *MPS* 493508 | F51 |
| 2011 $BA_{163}$ | 2011 01 | 30.39725 | 09 40 09.682 | +08 07 15.32 | *MPS* 493508 | F51 |
| 2011 $BA_{163}$ | 2011 03 | 02.29531 | 09 09 24.01 | +10 18 37.4 | *MPS* 493508 | G96 |
| 2011 $BA_{163}$ | 2011 03 | 02.30111 | 09 09 23.76 | +10 18 39.0 | *MPS* 493508 | G96 |
| 2011 $BA_{163}$ | 2011 03 | 02.30696 | 09 09 23.43 | +10 18 40.1 | *MPS* 493508 | G96 |
| (38256) | 2014 02 | 23.25078 | 09 43 09.54 | +12 36 33.2 | *MPS* 504487 | I41 |
| (52781) | 2014 02 | 23.20837 | 10 21 17.33 | +10 39 07.0 | *MPS* 504552 | I41 |
| (52781) | 2014 02 | 23.44019 | 10 20 09.75 | +11 07 01.8 | *MPS* 504552 | I41 |
| (52781) | 2014 02 | 23.45663 | 10 19 58.43 | +10 39 47.8 | *MPS* 504552 | I41 |
| (92663) | 2014 02 | 23.29214 | 10 26 00.62 | +12 13 05.0 | *MPS* 504726 | I41 |
| (92663) | 2014 02 | 23.48285 | 10 25 47.71 | +11 50 37.0 | *MPS* 504726 | I41 |
| (93114) | 2014 02 | 23.24165 | 09 51 48.87 | +10 53 53.5 | *MPS* 504728 | I41 |
| (100324) | 2014 02 | 23.45435 | 10 34 07.72 | +10 58 29.1 | *MPS* 504751 | I41 |
| (106309) | 2014 02 | 23.28757 | 10 21 16.52 | +10 15 46.1 | *MPS* 504775 | I41 |
| (106309) | 2014 02 | 23.49007 | 10 19 31.47 | +10 28 57.3 | *MPS* 504775 | I41 |
| (127744) | 2014 02 | 23.39545 | 10 13 24.70 | +10 17 58.3 | *MPS* 504847 | I41 |
| (127744) | 2014 02 | 23.44019 | 10 13 04.99 | +10 19 15.3 | *MPS* 504847 | I41 |
| (131242) | 2014 02 | 23.29902 | 10 35 10.46 | +10 20 49.5 | *MPS* 504859 | I41 |
| (131242) | 2014 02 | 23.45435 | 10 35 29.55 | +10 33 25.7 | *MPS* 504859 | I41 |
| (134221) | 2014 02 | 23.29100 | 10 39 10.81 | +12 42 43.2 | *MPS* 504867 | I41 |
| (134221) | 2014 02 | 23.43099 | 10 39 28.90 | +13 00 58.6 | *MPS* 504867 | I41 |
| (135405) | 2014 02 | 23.26104 | 10 29 11.66 | +11 24 31.8 | *MPS* 504871 | I41 |
| (135405) | 2014 02 | 23.42868 | 10 28 11.12 | +11 41 03.8 | *MPS* 504871 | I41 |
| (143396) | 2014 02 | 23.20152 | 09 32 10.19 | +13 05 02.3 | *MPS* 504894 | I41 |
| (143396) | 2014 02 | 23.37361 | 09 32 56.84 | +13 26 44.4 | *MPS* 504894 | I41 |
| (149350) | 2014 02 | 23.42754 | 10 43 03.60 | +09 22 50.6 | *MPS* 504909 | I41 |
| (151774) | 2014 02 | 23.28986 | 10 44 46.59 | +09 43 54.3 | *MPS* 504916 | I41 |
| (151774) | 2014 02 | 23.49121 | 10 46 16.09 | +09 55 42.4 | *MPS* 504916 | I41 |
| (162398) | 2014 02 | 23.45550 | 10 04 49.77 | +11 04 41.1 | *MPS* 504953 | I41 |
| (162398) | 2014 02 | 23.46802 | 10 04 55.48 | +11 04 07.7 | *MPS* 504953 | I41 |
| (204565) | 2014 02 | 23.31807 | 10 19 18.46 | +11 09 34.4 | *MPS* 505064 | I41 |
| (204565) | 2014 02 | 23.36514 | 10 19 33.79 | +11 04 25.3 | *MPS* 505064 | I41 |
| (207637) | 2014 02 | 23.19322 | 10 21 06.71 | +10 28 54.0 | *MPS* 505074 | I41 |
| (207637) | 2014 02 | 23.34940 | 10 19 52.93 | +10 38 47.1 | *MPS* 505074 | I41 |
| (216428) | 2014 02 | 23.22446 | 10 20 34.87 | +10 43 52.6 | *MPS* 505098 | I41 |

2013 $AP_{132}$ = 2014 $ED_{21}$
2013 $AL_{133}$ = 2014 $DD_{140}$
2013 $AB_{150}$ = 2014 $DB_{80}$
2013 $AN_{160}$ = 2014 $DO_{48}$
2013 $BG_{17}$ = 2014 $DW_{32}$
2013 $BK_{40}$ = 2014 $DT_4$
2013 $BR_{71}$ = 2014 $EH_{30}$
2013 $BR_{75}$ = 2014 $ER_{14}$
2013 $CE_{30}$ = 2014 $ER_{33}$
2013 $CA_{51}$ = 2014 $EW_{18}$
2013 $CZ_{141}$ = 2014 $DW_{66}$
2013 $WZ_{57}$ = 2014 $BU_4$ = 1998 $RY_8$
2014 $AM_{41}$ = 2008 $AP_{113}$
2014 $AJ_{42}$ = 2014 $AC_{50}$
2014 $BU_{13}$ = 2006 $DS_{192}$
2014 $BS_{32}$ = 2010 $FH_{42}$
2014 $CV_{19}$ = 2007 $JJ_{45}$
2014 $DX_{17}$ = 2004 $YX_{31}$ = 2010 $LU_{31}$
2014 $DD_{18}$ = 2004 $SP_9$
2014 $DY_{51}$ = 2006 $BT_6$
2014 $EH_1$ = 2008 $CC_4$ = 2010 $GS_{149}$ = 2011 $SX_{147}$
2014 $EN_5$ = 2010 $AD_{120}$ = 2012 $VV_6$

## NEW NAMES OF MINOR PLANETS

**(4800) Veveri = 1989 $TG_{17}$**

Discovered 1989 Oct. 9 by H. Debehogne at the European Southern Observatory.

Veveri is a suburb of the Italian town of Novara. It is a crossroad for a historical man-made irrigation system, one of the most important in northern Italy, comprised of the Cavour, Quinto Sella and Regina Elena channels, with the Roggia Mora connection, that supports rice cultivations covering an extended region.

**(6368) Richardmenendez = 1983 $RM_3$**

Discovered 1983 Sept. 1 by H. Debehogne at the European Southern Observatory.

Richard Menendez (b. 1957) has taught astronomy at St. Louis Community College for the last 14 years with his own curriculum aimed toward concepts and ideas for classroom teachers. He has done over 900 hours of public-outreach astronomy and has been a board member of the St. Louis Astronomical Society.

**(7984) Marius = 1980 SM**

Discovered 1980 Sept. 29 by Z. Vávrová at Kleť.

Simon Marius (1573–1625) was court astronomer in Ansbach. He discovered the Jovian satellites, but published his observations after Galileo, who accused him of plagiarism and ruined his reputation. Marius suggested the names for the satellites and also measured the diameter of the Andromeda Galaxy.

**(12276) IJzer = 1990 $WW_1$**

Discovered 1990 Nov. 18 by E. W. Elst at the European Southern Observatory.

The IJzer is a river in Flanders. With its source in Northern France and a total length of 78 km, it flows gently through France and West Flanders, finding its way to the North sea near the city of Nieuwpoort.

**(16909) Miladejager = 1998 $DX_{33}$**

Discovered 1998 Feb. 27 by E. W. Elst at the European Southern Observatory.

Miladejager (b. 2005) is the first granddaughter of the discoverer, and daughter of Sigyn and Philip.

**(18456) Mišík = 1995 ES**

Discovered 1995 Mar. 8 by M. Tichý and J. Tichá at Kleť.

Vladimír Mišík (b. 1947) is a Czech rock and blues guitarist, singer and songwriter. He was a founding member of Matadors, Blue Effect and Flamengo, and in 1974 he established Etc..., his own band. He set to music the poems of the Czech poets J. Kainar and V. Hrabě.

**(19204) Joshuatree = 1992 ME**

Discovered 1992 June 21 by J. E. Mueller at Palomar.

Joshua Tree National Park was founded in 1936 as Joshua Tree National Monument largely through the efforts of Minerva Hoyt (1866–1945). It became a national park in 1994. It is known for the Joshua Tree (*Yucca brevifolia*) as well as for its distinctive rock formations and dark skies.

**(20044) Vitoux = 1993 $FV_1$**

Discovered 1993 Mar. 23 by E. W. Elst at Caussols.

Frédéric Vitoux (b. 1944), a French writer and journalist known for his novel *Bébert, Le chat de Louis-Ferdinand Céline* (1976).

**(24658) Misch = 1987 UX**

Discovered 1987 Oct. 18 by J. E. Mueller at Palomar.

Anthony Misch (b. 1951) has made significant contributions to the history of astronomy through his creation and direction of the Lick Observatory Historical Collections. His career in astronomy spans over 30 years from the Mt. Wilson to Lick observatories.

**(39539) Emmadesmet = 1991 $GU_4$**

Discovered 1991 Apr. 8 by E. W. Elst at the European Southern Observatory.

Emma de Smet (2005) is the second granddaughter of the discoverer, and daughter of Mayré and Robby.

**(52292) Kamdzhalov = 1990 $TB_2$**

Discovered 1990 Oct. 10 by L. D. Schmadel and F. Börngen at Tautenburg.

Bulgarian conductor Yordan Kamdzhalov (b. 1980) is general music director of the Heidelberg Philharmonic Orchestra and has won various national and international awards. With his passion for astronomy, he connects the world of music with the fascination for the universe. Name suggested by J. Wambsganss.

**(74024) Hrabě = 1998 $HR_4$**

Discovered 1998 Apr. 23 by M. Tichý and J. Tichá at Kleť.

Václav Hrabě (1940–1965), Czech poet and writer, was the most important member of the Beat Generation in former Czechoslovakia. In 1965 he interviewed Allen Ginsberg in Prague. His poem *Variation on a Renaissance theme*, set to music by V. Mišík, became one of the most famous Czech songs.

**(120299) Billlynch = 2004 $JL_{28}$**

Discovered 2004 May 9 by G. Hug at Sandlot.

Bill Lynch (b. 1962) has worked tirelessly for many years assisting amateur and professional astronomers with their CCD cameras and related equipment.

**(171171) Prior = 2005 GZ$_{164}$**

Discovered 2005 Apr. 10 by the Mt. Lemmon Survey at Mount Lemmon.

Richard M. Prior (b. 1942) is a Professor of Physics who earned a PhD. in Nuclear Physics at the University of Florida.

**(185577) Hhaihao = 2008 BA$_{16}$**

Discovered 2008 Jan. 28 by Q.-Z. Ye and H.-C. Lin at Lulin.

Hhaihao City (Haikou Shi) is the capital and most populous city of Hainan province, China.

**(207717) Sa'a = 2007 RE$_{120}$**

Discovered 2007 Sept. 11 by Q.-Z. Ye and H.-C. Lin at Lulin.

Sa'a City (Sanya Shi), founded in 110 B.C. as Ngaiziu, is the southernmost city of China. The city is known for its tropical climate and is a popular tourist destination.

**(210997) Guenat = 2001 XA$_{32}$**

Discovered 2001 Dec. 14 by M. Ory at Vicques.

François Guenat (b. 1937) was the first curator of the Jura natural science museum in Porrentruy from 1983 to 1999.

**(214953) Giugavazzi = 2007 WN$_{55}$**

Discovered 2007 Nov. 29 by L. Tesi and G. Fagioli at San Marcello.

Giuseppe Gavazzi (b. 1936) is a painter and sculptor, known for the originality of his large wood and bronze sculptures. He is an expert restorer of paintings of the great masters of the past and a very passionate amateur astronomer who has painted in scientifically-accurate sundials in frescoes.

**(248993) Jonava = 2007 GM$_{28}$**

Discovered 2007 Apr. 14 by K. Černis and J. Zdanavicius at Moletai.

Jonava is a city in central Lithuania (with 35 000 inhabitants), 30 km north east of Kaunas. The name of the town was first recorded in 1740, and Jonava obtained its Magdeburg Rights in 1864.

**(250840) Motörhead = 2005 UT$_{158}$**

Discovered 2005 Oct. 30 by J.-C. Merlin at Nogales.

The British heavy metal group Motörhead was established in 1975 by bassist, singer and songwriter Lemmy Kilmister (Ian Fraser Kilmister, b. 1945). Although defining themselves as a rock n' roll group, Motörhead influenced most present day heavy metal and punk rock groups.

**(274333) Voznyukigor = 2008 RT$_{21}$**

Discovered 2008 Sept. 2 at Andrushivka.

Igor Mykolayovych Voznyuk (b. 1964), a graduate of the Faculty of Physical Department of the Kyiv University, is an optician by profession. His idea of optimal lighting distribution within an observatory using fiber technology has been successfully implemented at Andrushivka.

**(275962) Chalverat = 2001 WU$_5$**

Discovered 2001 Nov. 21 by M. Ory at Vicques.

Joseph Chalverat (b. 1950) was the second curator of the Jura natural science museum in Porrentruy from 1999 to 2008.

**(289992) Onfray = 2005 PF$_6$**

Discovered 2005 Aug. 10 at Saint-Sulpice.

Michel Onfray (b. 1959) is a French philosopher who created a tuition-free People's University in Caen. He is one of the discoverer's favorite authors.

**(296638) Sergeibelov = 2009 SD$_{101}$**

Discovered 2009 Sept. 23 by T. V. Kryachko at Zelenchukskaya Stn.

Belov Sergei Aleksandrovich (1944–2013) is one of the most renowned Soviet and European basketball players of the 20th century. He won one gold and three bronze Olympic medals, was inducted into the Naismith Memorial Basketball Hall of Fame and the FIBA Hall of Fame, and was named the Best FIBA Player Ever.

**(328563) Mosplanetarium = 2009 SZ$_1$**

Discovered 2009 Sept. 17 by T. V. Kryachko at Zelenchukskaya Stn.

Named for the Moscow planetarium, the oldest in Europe, which celebrated its 85th anniversary in 2014. The planetarium is the largest Russian center of popularization of scientific knowledge, and it has made important contribution to development of astronomy and cosmonautics.

**(335292) Larrey = 2005 PG$_5$**

Discovered 2005 Aug. 3 at Saint-Sulpice.

Dominique-Jean Larrey (1766–1842) was the surgeon of the great army of Napoleon. He created fast-surgery ambulances and triage methods to help soldiers in both French and enemy armies.

**(360072) Alcimedon = 2013 AJ$_{131}$**

Discovered∗ 2008 Sept. 2 at Zelenchukskaya Stn.

Alcimedon was the son of Laerceus, and one of the commanders of the Myrmidons under Patroclus. Name suggested by A. Mimeev.

**(367488) Aloisortner = 2009 GR$_2$**

Discovered 2009 Apr. 14 by R. Gierlinger at Gaisberg.

Alois Ortner (b. 1938) is an optician and amateur astronomer, who started studying optics and building cameras as a child. He has an excellent reputation as a fine optician and consultant for optical needs.