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日本天文學會會員の 1941—42 年流星の觀測

神 田 茂*

I 觀 測 概 要

測結果を報告する. 第1表は 1941, 42 兩年に於ける觀測者, 觀測數等を示す.

1940 年の報告に次いで 1941 及び 1942 年の觀

(第 I 表) Summary for 1941 & 1942

| Abr | Observer | Station | nights | Total | Meteors |
|-------------|--------------------|-------------------|--------|------------------|---------|
| In | 井上秀夫 (H. Inouye) | 中支賀勝橋 (京都市左京區) | 2 | 180 ^m | 14✓ |
| Ju | 壽岳 澗 (J. Jugaku) | 京都府向日町 | 2 | 300 | 39 |
| Ki | 笠井泰雄 (Y. Kasai) | 滋賀縣瀬田町 | 1 | 80 | 16 |
| Kk | 栗原克己 (K. Kurihara) | 東京市世田谷區 | 3 | 570 | 60 |
| Kr | 栗原正雄 (M. Kurihara) | 東京市王子區 | 8 | 845 | 87 |
| Ks | 岸田嘉一 (K. Kisida) | 東京市淺草區 | 2 | 148 | 20 |
| Ky | 小山千萬樹 (T. Koyama) | 東京市世田谷區 | 4 | 553 | 110 |
| Na | 中岡哲郎 (T. Nakaoka) | 京都市左京區 | 3 | 180 | 35 |
| On | 岡野義房 (Y. Okano) | 埼玉縣 蕨 町 | 2 | 195 | 27 |
| Os | 大柴謙三 (K. Ōsiba) | 東京市深川區 | 2 | 90 | 17 |
| Sm | 清水一郎 (I. Simizu) | 東京市淀橋區 | 1 | 120 | 28 |
| Te | 寺田進一 (S. Terada) | 京都市左京區 | 1 | 60 | 7 |
| Tm | 富田弘一郎 (K. Tomita) | 東京市世田谷區 | 5 | 197 | 20 |
| U | 臼井右友 (U. Usui) | 京都市左京區 | 1 | 60 | 11 |
| Zn | 神藤昭男 (A Zindo) | 京都市左京區 | 1 | 60 | 6 |
| Total 1941 | | | 8 | 890 | 100✓ |
| | | | 1942 | 30 | 2748 |
| Grand Total | | | 38 | 3638 | 497 |

II 流星の觀測

第 II 表に各觀測の詳細を示す.

(第 II 表)

| Obs | Date | Begin-End | | Total | Observations | | | | | | |
|-----|------------|-----------|-------|-------|--------------|----|-------|------|------|----------|-------------------|
| | | h | m | | h | m | Met. | Rate | Fc. | C. R | Direction |
| In | 1941 IX 16 | 1 | 00—3 | 00 | 120 | 2✓ | 1.0 | >4.0 | >4.0 | UMI | C ₆₀₋₇ |
| Tm | X 19 | 4 | 00—4 | 30 | 30 | 2 | (1.0) | — | — | Ori | |
| Kr | XI 15 | 3 | 50—5 | 30 | 100 | 9 | 5.4 | — | — | Leo | N ₁ |
| 〃 | 17 | 2 | 30—5 | 30 | 180 | 21 | 7.0 | — | — | Leo | N ₂ |
| Tm | 18 | 19 | 10—20 | 10 | 60 | 2 | 2.0 | — | — | Ori | |
| Ky | XII 16 | 21 | 30—24 | 40 | 190 | 23 | 7.3 | 1.1 | 8.0 | Gem, Ori | N ₃ |

(1) 本會要報第六卷第三册 (1941 年) 第 101 頁

* 前東京天文臺技師

| | | | | | | | | | | | |
|----|-------------|----|-------|----|-----|-----|--------|-----|-------|----------|---|
| " | J941 XII 19 | 21 | 00—24 | 29 | 200 | 40 | 12.0 | 1.0 | 12.0 | Gem, Ori | N ₄ |
| " | 23 | 22 | 10—22 | 20 | 10 | 1 | (6.0) | 1.2 | (7.2) | Gem, Ori | C ₂ |
| Tm | 1942 IV 15 | 22 | 00—22 | 10 | 10 | 0 | — | — | — | Her, Lyr | |
| " | 23 | 21 | 50—22 | 30 | 40 | 0 | — | — | — | Her, Lyr | |
| Ks | VIII 11 | 23 | 30—25 | 30 | 120 | 18 | 9.0 | — | — | Per | |
| Kk | 11 | 23 | 30—26 | 10 | 150 | 4 | 1.6 | — | — | Per | |
| " | 12 | 23 | 00—26 | 00 | 180 | 31 | 10.3 | — | — | Per, Cas | |
| Sm | 13 | 0 | 26—2 | 26 | 120 | 28 | 14.0 | — | — | Per | C ₂ |
| Tm | 13 | 0 | 58—1 | 55 | 57 | 16 | 16.8 | — | — | Per | C ₆ |
| Os | 13 | 2 | 03—2 | 33 | 30 | 6 | (12.0) | — | — | Per | C ₈₋₁₀ |
| Ki | 13 | 22 | 05—23 | 25 | 80 | 16 | 12.0 | — | — | Per | N ₆ |
| Zn | 14 | 1 | 30—2 | 30 | 60 | 6 | 6.0 | — | — | Per | C ₃ |
| Na | " | 1 | 35—2 | 35 | 60 | 11 | 11.0 | — | — | Per | C ₃ N ₂ |
| Te | " | 1 | 35—2 | 35 | 60 | 7 | 7.0 | — | — | Per | C ₃ |
| U | " | 1 | 36—2 | 36 | 60 | 11 | 11.0 | — | — | Per | C ₄ N ₃ |
| In | " | 1 | 36—2 | 36 | 60 | 12 | 12.0 | 1.4 | — | Per Aur | C ₄ |
| Ju | " | 22 | 00—23 | 00 | 60 | 9 | 9.0 | — | — | Per-Cas | C ₃ |
| Ks | " | 22 | 12—22 | 40 | 28 | 2 | 4.3 | — | — | Per | † |
| Kk | " | 23 | 00—27 | 00 | 240 | 24 | 6.0 | — | — | Per | |
| Ky | 15 | 0 | 27—3 | 00 | 153 | 46 | 18.1 | 1.1 | 19.9 | Per Cas | N ₃ |
| Os | " | 0 | 45—1 | 45 | 60 | 11 | 11.0 | — | — | Per | |
| On | 16 | 0 | 05—1 | 26 | 75 | 12 | 9.6 | 1.2 | 11.5 | Per | |
| Ju | " | 23 | 50—27 | 50 | 240 | 30 | 7.5 | — | — | Per | C ₆ |
| Na | X 19 | 2 | 20—3 | 20 | 60 | 15 | 15.0 | 1.1 | 16.5 | Ori | |
| On | 20 | 1 | 00—3 | 00 | 120 | 15 | 7.5 | 1.3 | 9.8 | Ori Gem | C ₈₋₉ |
| Kr | 23 | 4 | 10—5 | 10 | 60 | 10 | 10.0 | — | — | Ori Tau | C ₂ N ₂ M ₁₃ |
| " | 26 | 2 | 50—4 | 30 | 90 | 4 | 2.7 | — | — | Ori Tau | N ₂ M ₁₆ |
| Kr | XI 5 | 19 | 20—20 | 10 | 35 | (2) | (3.4) | — | — | Tau | |
| " | 5 | 22 | 10—22 | 30 | 20 | 0 | (0) | — | — | Tau | |
| " | 5 | 22 | 50—24 | 30 | 100 | 13 | 7.8 | 1.2 | 9.4 | Tau | N ₃ C ₁ |
| Na | 7 | 21 | 15—22 | 15 | 60 | 9 | 9.0 | 1.0 | 9.0 | Tau | N ₁ |
| Kr | 7 | 21 | 00—24 | 50 | 200 | 21 | 6.3 | 1.1 | 6.9 | Tau Ari | † |
| Kr | 8 | 20 | 40—21 | 40 | 60 | 5 | 5.0 | 1.4 | 7.0 | Tau | N ₄ |

Fc. Factor C. R. Corrected rate M. 月 C 雲 N 無記録流星

添字はそれぞれ月齡, 雲量, 無記録流星数を表す † Count

III. 流星群の出現状況

著しい流星群出現数は第III表に示す, 表中J, S, T は観測時間の中央時刻の日本中央標準時を

日の分數で表はしたものである. L は流星頂點の經度である. 1942年 XI 月の牡牛座流星群は輻射點が散亂して居りどれが牡牛座群であるか判定し難いのでこの出現數は省いた.

| | | (第 III 表) | | Activity of Major Swarms | | | | |
|---------|------|---------------|--------|--------------------------|------|-------|-----|------|
| Swarm | Obs. | J. S. T | L | Interval | Met. | Rate | Fc. | C.R. |
| Leonid | Kr | 1941 XI 15.20 | 143.°2 | 100 ^m | 3✓ | 1.8 | — | — |
| | Kr | 17.19 | 145.3 | 180 | (2) | (0.7) | — | — |
| Geminid | Ky | XII 16.96 | 175.0 | 190 | 7 | 2.2 | 1.1 | 2.4 |
| | Ky | 19.92 | 178.0 | 200 | 9 | 2.7 | 1.0 | 2.7 |

| | | 原 | | 著 | | | | | |
|---------|----|-----------|-------|-------|-----|----|-------|-----|-----|
| Perseid | Ks | 1942 VIII | 12.02 | 49.4 | 120 | 5 | 2.5 | — | — |
| | Kk | | 12.03 | 49.4 | 150 | 2 | 0.8 | — | — |
| | Kk | | 13.02 | 50.3 | 180 | 10 | 3.3 | — | — |
| | Sm | | 13.06 | 50.4 | 120 | 13 | 6.5 | — | — |
| | Tm | | 13.06 | 50.4 | 57 | 5 | 5.3 | — | — |
| | Os | | 13.10 | 50.4 | 30 | 4 | (8.0) | — | — |
| | Ki | | 13.96 | 51.2 | 80 | 6 | 4.5 | — | — |
| | Na | | 14.09 | 51.3 | 60 | 5 | 5.0 | — | — |
| | U | | 14.09 | 51.3 | 60 | 3 | 3.0 | — | — |
| | In | | 14.09 | 51.3 | 60 | 6 | 6.0 | 1.4 | 8.4 |
| | Kk | | 15.05 | 52.2 | 240 | 8 | 2.0 | — | — |
| | Os | | 15.05 | 52.2 | 153 | 13 | 5.1 | 1.1 | 5.6 |
| | Ky | | 15.06 | 52.3 | 60 | 4 | 4.0 | — | — |
| | On | | 16.03 | 53.2 | 75 | 6 | 4.8 | 1.2 | 5.8 |
| Orionid | Na | X | 19.02 | 116.6 | 60 | 5 | 5.0 | — | — |
| | On | | 20.09 | 117.0 | 120 | 4 | 1.3 | 1.3 | 1.7 |
| | Kr | | 23.02 | 120.0 | 60 | 3 | 3.0 | — | — |

IV 輻射點

採用した.

観測から決定した輻射點の位置は第 IV 表に與へてある. 輻射點決定の標準は Oliver⁽¹⁾ の基準を

表中 dia は決定せる輻射點の直徑, Wt は精確度, S. M は停止流星である.

| | | (第 IV 表) | | Padiant Points. | | | | | |
|------|-----------------|----------|----------|-----------------|-------|--------|----|------|------|
| No. | J. S. T. | L | α | δ | dia. | Meteor | Wt | Obs. | Note |
| 41-1 | 1941 XII 19.91 | 178.0° | 107.0° | +11.7 | 1.9 | 4+2✓ | 2 | Ky | |
| 42-1 | 1942 VIII 12.02 | 49.4 | 37.3 | +55.9 | 1.5 | 1+1 | 1 | Kk | S.M. |
| 2 | 13.02 | 50.3 | 44.6 | +54.7 | 1.8 | 5+2 | 1 | Kk | |
| 3 | 13.05 | 50.4 | 51.4 | +56.2 | (1.9) | 1+1 | 2 | Tm | S.M. |
| 4 | 14.05 | 51.3 | 20.5 | +59.7 | 1.4 | 4+2 | 1 | Ky | |
| 5 | 14.08 | 51.3 | 62.0 | +46.5 | 1.7 | 5 | 1 | In | |
| 6 | 16.04 | 53.2 | 64.5 | +51.7 | 0.6 | 4 | 4 | On | |
| 7 | X 20.11 | 117.0 | 90.4 | +14.8 | 2.0 | 4 | 2 | On | |
| 8 | XI 7.91 | 134.9 | 59.0 | +9.2 | (0.8) | 1+2 | 4 | Nk | S.M. |

V. 大流星の報告

るのでそれを記す.

以上の報告と別に大流星の観測が報告されて居

| | | (第 V 表) | | Fireballs | | | | | | |
|------|-------------|---------------------------------|-----|--------------------|-------|------|------|-----------|------------|-----------|
| Obs. | Date | J. S. T. | Wt. | Brightness | Color | Vel. | Dur. | Begin | End | Note |
| (1) | 1941 III 25 | ^a 23 ^m 13 | — | Venus × 100 | B | S | — | (185°-0°) | (177°-30°) | Explosion |
| (2) | " IX 16 | 1 17 | 2 | 5 ^m mag | B-R | vS | 2.0 | 18+36 | 4+60 | Train |
| (3) | " IX 19 | 20 45 | 2 | 1.5 | W | S | 0.4 | 223+50 | 211+42 | Curve |
| (4) | 1942 II 18 | 20 16 | — | Jupiter × 4 | W | rS | 0.4 | 35+62 | (37 And) | Train |
| (5) | " IV 2 | 22 36 | — | Venus × 2 | B | rS | 0.7 | 235-21 | 221-33 | Moon |
| (6) | " X 3 | 22 45 | — | > Jupiter | W | (S) | — | — | — | |
| (7) | " XI 6 | 21 8 | — | Venus × 10 | — | — | 2.0 | — | 30 ± 0 | |
| (8) | " XII 14 | 21.22 | — | 3 | — | vS | — | — | — | |

(1) Publ. of the Leander Mc Cormick Observatory Vol. 2, Part 7, p. 221. (1921).

(1) 東京市本郷區肴町にて小森幸正氏觀測， 經路は中央部を蔽つて居た雲の爲不確實であるが， 雲にかくれた部分で爆發したらしく雲の縁邊が非常に明るく光りその後流星は少くとも（見得た部分では）2回斷續明滅して居る。

(2) 中支湖北省咸甯縣賀勝橋大屋勝附近にて井上秀夫氏觀測

(3) 基隆市壽町顏欽賢氏邸内廟前にて小野周氏觀測

(4) 山形縣西村山郡左澤町にて清野哲男氏觀測

(5) 東京市世田谷區船橋にて小山千萬樹氏觀測

(6) 東京市杉並區阿佐谷にて木下恰作氏觀測， 島村福太郎氏報告

SE 天頂距離 15° の點で發光 SE 天頂距離 45° の點で消滅， 木星の數倍の光度を有し， 淡黄色の内部に赤色の火花の如きものを含む痕が幅約 1.5 程度の帶狀となつて約 1 秒程残り， 中央部からうすくなり濃淡を残して消失

した。

(7) 甲府市にて小森幸正氏觀測， 後方に現はれしため， 位置不確實， 全天に薄雲あり， 地面青く照らされ， 物が判つきり見えた。

(8) 鹿児島市にて 第七高等學校造士館天文研究員山元目撃， 東方高度 20° より低空北より東南へ， 櫻島の上空にて消滅， 東亞天文協會天文急報第 580 號大阪にて觀測の大流星と同一であらう。 尙關口鯉吉氏は同日 22h 20m 頃東京武藏境驛附近にて南方に一大流星を目撃された。 双子座流星群に屬するものにて恐らく同一のものと思はれる。

以上の他に觀測結果の報告もなされて居るが記録を送附せられなかつたものは之を全く省いた。 最後に觀測報告者諸氏並に本稿の整理に助力された井上秀夫氏に感謝の意を表す。(1943 I 31)

資 料

無線報時修正値

東京無線局（船橋）を経て東京天文臺より放送した今年 2 月中の報時修正値は次の通りである。 學用報時は報時定刻（毎日 11 時 21 時 23 時）の 5 分前即 55 分より 0 分までの 5 分間に 306 個の等間隔の信號を發信するが此の修正値は， それら 306 個の信號の内約 30 個の信號を測定し平均したるもので全信號の中央に於ける修正値に相當せるものである。

分報時は 1 分より 3 分まで毎分 0 秒より半秒間の信號を發信するがその修正値は學用報時のものと殆ど同様である。

次の表中 (+) は遅れすぎ (-) は早すぎを示す。

注， (1) 受信記録不良

(2) 無線局發セズ

(3) 受信記録トレス

東京天文臺

| 1924 II | 學 用 報 時 | | |
|------------|---------|--------|--------|
| | 11 h | 21 h | 23 h |
| 1 | - .000 | - .020 | + .013 |
| 2 | - .091 | - .082 | - .081 |
| 3 | - .093 | - .053 | - .048 |
| 4 | - .261 | - .075 | - .078 |
| 5 | - .119 | - .120 | - .124 |
| 6 | - .064 | - .006 | - .058 |
| 7 | - .028 | (1) | - .013 |
| 8 | - .013 | - .119 | - .139 |
| 9 | + .043 | - .034 | - .057 |
| 10 | - .069 | - .118 | - .051 |

| | | | |
|----|--------|--------|--------|
| 11 | - .054 | - .024 | - .048 |
| 12 | - .050 | - .042 | + .025 |
| 13 | - .024 | + .035 | - .025 |
| 14 | - .076 | + .052 | (2) |
| 15 | - .004 | - .058 | + .009 |
| 16 | + .076 | - .018 | - .038 |
| 17 | - .040 | - .045 | + .026 |
| 18 | - .075 | + .036 | - .028 |
| 19 | - .061 | + .053 | - .016 |
| 20 | - .030 | - .020 | + .002 |
| 21 | - .011 | - .050 | - .056 |
| 22 | + .010 | - .059 | + .006 |
| 23 | - .025 | + .020 | - .032 |
| 24 | - .023 | + .033 | - .043 |
| 25 | + .019 | - .035 | (3) |
| 26 | - .038 | - .036 | - .063 |
| 27 | + .017 | - .004 | - .045 |
| 28 | - .019 | - .018 | - .061 |
| 29 | - .064 | - .068 | - .097 |

格子月進圖に關する一史料 本誌 35 卷 6 號に井本進氏が， 土御門家に残つてゐる本星圖に就いて研究を發表されてゐるが， 筆者は最近花園天皇宸記を拜讀してゐる中に， 此星圖に關する記事を見出したので， 既に御氣つきの方もあられぬが此處に報告する。 史料大成本花園天皇宸記によれば元亨四年十一月四日の條に十一月四日 丁亥 泰世持參度主(土主) 先日依召也 又學卜筮事 占事略決一帖進置之 開見可返之由仰了 格子月進圖持參 一見 但不及學天文 唯見圖許也 下略

とあり， 現在残つてゐるものは即ち此の綴覽に供した圖であり， 且つ空想を馳せるなら， 泰世が此頃筆寫し

その事を花園院に申し上げた結果、御召となつたのではなからうか。但し少しく以前宸記九月二十八日の條に、わざわざ數人を訪問あそばされたに拘らず、忌日の爲目的を達せられず晩に御殿に御歸還になつた事が見え、「余尋常不用陰陽之忌諱。仍不及見曆。尤失錯也。爲我雖不用陰陽之術。猶如此事必可尋知也」との御感想を御記しになつて居り、此記事により我等は院の御英明に深く感じ入ると共に、院の御權勢をもつてしても抜かれ得なかつた時代の迷信に驚くのである。此の様な事も因となり、

院の泰世の御召となつたに違ひないと拜察される。星圖と共に泰世が持参した度圭(土圭と旁注されてゐる)は小形の日時計と考へられ、之又相當珍しい記事と考へられる、六國史時代以後戰國時代に至る迄、日時計の記事が史上殆んど見出されない事は井本氏も論じて居られる所である(天界 270 號, 昭和 19 年参照)。以上により筆者は本星圖が愈々由緒深き貴重なるものであると考へる。(廣瀬)

天 象 欄

流星群 VI 月は著しい流星群はない。月末の大熊座及龍座から輻射するものはウィンネツケ彗星と關聯したものである。

| | 赤 經 | 赤 緯 | 輻射點 | 性質 |
|----|---------------------------------|-------|-------|------|
| 下旬 | 1 ^h 36 ^m | + 43° | o And | 速, 痕 |
| 月末 | 14 ^h 12 ^m | + 53 | γ UMa | 緩 |

月末 15^h 12^m + 58° γ UMa 緩
變光星 次の表は VI 月中に起る主なアルゴル種變光星の極少の中 2 回を示したものである。長週期變光星の中で、VII 月中に極大に達する筈の星で觀測の望ましいものは R And (8 日), V CrB (2 日), RT Cyg (11 日), T Her (31 日), T UMa (12 日) 等である。

| アルゴル種 | 範圍 | 第二極小 | 週 期 | 極 小 (VI 月) | | | | D | d |
|--------|-----------|------------------------------------|---------------------------------|--------------------------------|--------------------------------|------------------|----------------|-----|---|
| | | | | 中 央 標 準 時 | | | | | |
| 023969 | RZ Cas | 6.3 ^m -7.8 ^m | 1 ^a 4.7 ^h | 21 ^a 1 ^h | 27 ^a 1 ^h | 4.8 ^h | 0 ^h | | |
| 204834 | Y Cyg | 7.0-7.6 | 2 23.9 | m ₂ 18 | 1, m ₂ 21 | 1 | 7 | | |
| 182612 | RX Her | 7.2-7.9 | 1 18.7 | 20 | 21, 27 | 23 | 4.8 | 0.7 | |
| 145508 | δ Lib | 4.8-5.9 | 2 7.9 | 19 | 23, 26 | 22 | 13 | 0 | |
| 220445 | AR Lac | 6.3-7.1 | 1 23.6 | 28 | 0, 30 | 0 | 8.5 | 1.6 | |
| 171101 | U Oph | 5.7-6.4 | 1 16.3 | 24 | 21, 29 | 21 | 7.7 | 0 | |
| 191419 | U Sge | 6.5-9.4 | 3 9.1 | 16 | 21, 27 | 0 | 12.5 | 1.6 | |
| 194714 | V 505 Sgr | 6.4-7.5 | 1 4.4 | 14 | 22, 27 | 23 | 5.8 | 0 | |
| 191725 | Z Vul | 7.0-8.6 | 2 10.9 | 15 | 23, 20 | 21 | 11.0 | 0 | |

D—變光時間 d—極小繼續時間 m₂—第二極小の時刻

『古曆斷見』正誤表

| 頁 | 誤 | 正 |
|-----|-----------|-------------|
| 127 | 左上 (X) | 對する所感 |
| 130 | 左中程 (正應五) | 十二月戊子 |
| " | 右 下 | 與 つ て |
| 131 | 右 中 程 | 一々の場合 |
| 132 | 右 上 端 | 己酉の歲 |
| " | 下 端 | 應永二年 |
| 133 | 右上 (X) | 對する所感 |
| 134 | 左上 端 | 西紀 1700 を記載 |

日本天文學會會員の變光星の觀測 (1942年)

Observations of Variable Stars

By Members of the Astronomical Society of Japan

擔任者 神 田 茂

Compiled by Sigeru Kanda

毎月零日のユリウス日

| | I 0 | II 0 | III 0 | IV 0 | V 0 | VI 0 | VII 0 | VIII 0 | IX 0 | X 0 | XI 0 | XII 0 |
|------|------------|------|-------|------|------|------|-------|--------|------|------|------|-------|
| 1938 | 242 8899 | 8930 | 8958 | 8989 | 9019 | 9050 | 9080 | 9111 | 9142 | 9172 | 9203 | 9233 |
| 1939 | 9264 | 9295 | 9323 | 9354 | 9384 | 9415 | 9445 | 9476 | 9507 | 9537 | 9568 | 9598 |
| 1940 | 9629 | 9660 | 9689 | 9720 | 9750 | 9781 | 9811 | 9842 | 9873 | 9903 | 9934 | 9964 |
| 1941 | 242-3 9995 | 0026 | 0054 | 0085 | 0115 | 0146 | 0176 | 0207 | 0238 | 0268 | 0299 | 0329 |
| 1942 | 243 0360 | 0391 | 0419 | 0450 | 0480 | 0511 | 0541 | 0572 | 0603 | 0633 | 0664 | 0694 |

| J.D. | Est. | Obs. | J.D. | Est. | Obs. | J.D. | Est. | Obs. | J.D. | Est. | Obs. | J.D. | Est. | Obs. | J.D. | Est. | Obs. |
|-------------------------------|--------|------|-------------------------------|----------|------|-------------------------------|-----------|------|-------------------------|------------|------|---------------------------|-----------------|----------|---------------------------|--------|------|
| アンドロメダ座 R 232848 (R And) | | | 243 0178.2 | m 9.0 | Gm | 242-3 0356.9 | m 12.3 | Kz | 242-3 0289.0 | m (9.3) | Iw | 水瓶座 W 20404 (W Aqr) | 242-3 9992.9 | m 8.9 | | | Km |
| | | | 0257.0 | 8.9 | " | 0357.9 | 13.0 | " | 29.9 | 10.7 | Ys | | 98.9 | 9.0 | | | |
| 242-3 9986.0 | (10.2) | Km | 81.9 | 8.9 | " | 60.9 | 11.4 | " | 91.0 | (9.3) | Iw | 242-3 0290.0 | m 9.1 | Ys | 水瓶座 VZ 212503 (VZ Aqr) | | |
| 96.0 | 10.2 | " | 0407.9 | 8.8 | " | 82.0 | 12.4 | " | 92.0 | 9.8 | " | 0506.9 | 9.8 | " | | | |
| 99.0 | (9.8) | " | アンドロメダ座 RV 020148 (RV And) | | | 94.0 | 11.6 | " | 95.0 | 18.1 | Ot | | | | | | |
| 0008.9 | 9.7 | " | 0612.0 | 11.3 | " | 0612.0 | 11.3 | " | 311.0 | 10.2 | Ys | 水瓶座 Z 234716 (Z Aqr) | 0320.9 | (14.7) | Kz | | |
| 11.0 | 9.6 | " | 26.0 | 13.3 | " | 26.0 | 13.3 | " | 13.0 | 9.1 | Tm | | 24.0 | (14.1) | " | | |
| 15.9 | 9.3 | " | 0308.9 | 9.6 | Ys | アンドロメダ座 TV 225342 (TV And) | | | 13.9 | 10.2 | Yi | 9881.3 | 9.2 | Km | 24.9 | (14.2) | " |
| 19.9 | 8.9 | " | アンドロメダ座 RX 005840 (RX And) | | | 225342 (TV And) | | | 16.0 | 9.0 | Tm | 9907.0 | 9.7 | " | 27.0 | (14.1) | " |
| 22.9 | 9.0 | " | 0280.9 | 10.5 | Ys | 0280.9 | 10.5 | Ys | 20.9 | 9.1 | " | 35.0 | 8.6 | " | 27.9 | (13.7) | " |
| 50.9 | 8.8 | " | 0320.9 | 12.5 | Kz | アンドロメダ座 AQ 002235 (AQ And) | | | 25.0 | 8.8 | " | 66.9 | 8.6 | " | 28.9 | (14.1) | " |
| 0257.1 | 9.7 | Nk | 24.0 | 11.6 | " | 002235 (AQ And) | | | 45.9 | (9.3) | " | 72.9 | 8.6 | " | 29.9 | (14.3) | " |
| 79.0 | 9.5 | " | 27.0 | 12.8 | " | 880.9 | 7.9 | Km | 47.0 | 9.7 | Kd | 92.9 | 8.8 | " | 30.9 | (13.7) | " |
| 90.0 | (10.6) | Kd | 27.9 | 12.9 | " | 9907.1 | 8.1 | " | 水瓶座 S 225120 (S Aqr) | | | 95.9 | 8.5 | " | 32.9 | (12.8) | " |
| 97.9 | 9.1 | Yi | 29.9 | 13.1 | " | 84.9 | 8.1 | " | 0290.0 | 8.7 | Ys | 98.9 | 8.7 | " | 33.9 | (12.8) | " |
| 0313.0 | (10.6) | Kd | 30.9 | 13.2 | " | 61.0 | 8.1 | " | 0311.0 | 8.7 | " | 0011.0 | 8.8 | " | 35.9 | (12.9) | " |
| 13.0 | (10.6) | Kd | 32.9 | 11.5 | " | 86.0 | 8.0 | " | 水瓶座 T 204405 (T Aqr) | | | 15.9 | 9.2 | " | 38.9 | (13.2) | " |
| 21.1 | (10.6) | Yi | 33.9 | 11.5 | " | 92.0 | 7.9 | " | 0230.1 | 7.5 | Si | 0230.1 | 7.5 | Si | 39.9 | (14.0) | " |
| アンドロメダ座 Y 013338 (Y And) | | | 36.1 | 12.4 | " | 96.0 | 7.9 | " | 0313.0 | 9.5 | Tm | 0313.0 | 9.5 | Tm | 43.9 | (15.3) | " |
| 0309.0 | 10.9 | Ys | 36.9 | 12.9 | " | 99.0 | 7.9 | " | 13.1 | 9.2 | Sf | 13.1 | 9.2 | Sf | 45.9 | (15.3) | " |
| | | | 38.9 | 13.2 | " | 0014.0 | 8.0 | " | 15.0 | 8.5 | Yi | 15.0 | 8.5 | Yi | 51.9 | (13.7) | " |
| | | | 39.9 | 11.2 | " | 15.9 | 7.9 | " | 16.0 | 9.3 | Tm | 16.0 | 9.3 | Tm | 0545.0 | (14.3) | " |
| アンドロメダ座 RS 235084 (RS And) | | | 43.9 | 12.2 | " | 22.9 | 8.0 | " | 0259.0 | 8.4 | Kr | 17.0 | 9.3 | Kd | 48.0 | (13.1) | " |
| | | | 44.1 | 12.3 | " | 50.9 | 8.0 | " | 82.0 | 9.3 | " | 20.9 | 9.2 | Tm | 49.0 | (13.1) | " |
| 9877.1 | 8.6 | Km | 45.0 | 12.4 | " | 水瓶座 R 235815 (R Aqr) | | | 89.9 | 9.8 | Ys | 25.0 | 9.5 | " | 50.1 | (13.2) | " |
| 80.9 | 8.8 | " | 45.9 | 13.1 | " | 9881.3 | (9.7) | Km | 0310.9 | (11.2) | Yi | 45.9 | 7.9 | " | 52.1 | (13.5) | " |
| 96.0 | 8.6 | " | 46.9 | 11.4 | " | 9935.0 | (9.7) | " | 13.0 | (10.0) | Kr | 47.0 | 8.3 | Kd | 53.1 | (13.8) | " |
| 9907.1 | 8.6 | " | 48.1 | 11.5 | " | 61.0 | (9.7) | " | 0585.1 | 10.6 | Ts | 0612.1 | 8.1 | Si | 72.0 | (14.4) | " |
| 34.9 | 8.5 | " | 51.0 | 11.6 | " | 92.9 | 7.4 | " | 0604.0 | 9.2 | " | 38.1 | 7.7 | " | 83.0 | (14.1) | " |
| 61.0 | 8.8 | " | 51.1 | 12.4 | " | 95.9 | 6.9 | " | 11.9 | 8.7 | " | 47.1 | 8.3 | " | 84.0 | (14.7) | " |
| 86.0 | 8.8 | " | 51.9 | 13.0 | " | 98.9 | 7.5 | " | 14.1 | 8.6 | " | 水瓶座 RX 210714 (RX Aqr) | | | 0611.0 | (14.6) | " |
| 93.0 | 9.0 | " | 52.9 | 12.4 | " | 0008.9 | 6.8 | " | 17.0 | 8.6 | " | 9907.0 | 8.8 | Km | 12.0 | (14.4) | " |
| 99.0 | 8.7 | " | 53.1 | 12.3 | " | 10.9 | 7.3 | " | 水瓶座 V 204102 (V Aqr) | | | 35.0 | 8.3 | " | 27.0 | (13.7) | " |
| 0011.0 | 8.8 | " | 54.9 | 11.4 | " | 15.9 | 7.3 | " | 0289.9 | 8.9 | Ys | 72.9 | 8.8 | " | 28.0 | (14.7) | " |
| 22.9 | 8.8 | " | 55.9 | 11.7 | " | 0008.9 | 6.8 | " | 0310.9 | 8.5 | " | 78.9 | 8.8 | " | 水瓶座 R 190108 (R Aql) | | |
| 50.9 | 8.9 | " | 56.1 | 12.1 | " | 15.9 | 7.3 | " | 85.9 | 8.8 | " | 85.9 | 8.8 | " | 9907.1 | 8.7 | Km |

| J.D. | Est. | Obs. | J.D. | Est. | Obs. | J.D. | Est. | Obs. | J.D. | Est. | Obs. | J.D. | Est. | Obs. | J.D. | Est. | Obs. |
|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|------------------|------|------|
| 242-3 | m | | 243 | m | | 242-3 | m | | 242-3 | m | | 242-3 | m | | 24213 | m | |
| 9934.9 | 7.2 | Km | 0583.0 | 14.5 | Kz | 0355.9 | 13.9 | Kz | 0332.9 | 13.4 | Kz | 0310.0 | 8.4 | Gm | 1035.0 | 5.9 | Gm |
| 66.9 | 6.6 | " | 84.0 | 15.5 | " | 56.9 | 13.9 | " | 36.1 | 14.5 | " | 15.9 | 8.2 | Tm | 37.1 | 6.1 | " |
| 66.9 | 6.9 | " | 0611.0 | 15.5 | " | 60.9 | 13.8 | " | 36.9 | 15.1 | " | 21.0 | 8.3 | " | 40.1 | 5.9 | " |
| 72.9 | 7.2 | " | 12.0 | 14.4 | " | | | | 39.0 | 14.7 | " | 21.1 | 8.4 | Gm | 50.1 | 5.7 | " |
| 78.9 | 7.3 | " | 27.0 | 14.2 | " | 牡羊座 R | | | 39.9 | 14.9 | " | 47.0 | 8.0 | Ts | 54.0 | 5.8 | " |
| 0229.2 | 7.4 | Si | 28.0 | 14.4 | " | 021024 (RAri) | | | 43.9 | 15.0 | " | 48.0 | 8.3 | Tm | 68.0 | 5.8 | " |
| 32.0 | 7.2 | Ot | | | | | | | 45.0 | 15.1 | " | 63.9 | 8.0 | Ts | 71.9 | 5.9 | " |
| 76.9 | 6.8 | " | 鶯座 EZ | | | 0324.9 | 10.0 | Ys | 45.9 | 15.1 | " | 67.9 | 8.2 | " | 74.0 | 5.7 | " |
| 77.9 | 6.9 | " | 193408 (EZ Axl) | | | 駁者座 R | | | 46.9 | 14.5 | " | 74.9 | 8.5 | " | 75.9 | 5.9 | " |
| 83.9 | 7.2 | " | | | | 050953 (R Aur) | | | 48.1 | 14.5 | " | 79.1 | 8.2 | Gm | 85.0 | 6.1 | " |
| 84.0 | 7.2 | Ys | 0320.9 | 11.9 | Kz | | | | 51.0 | 14.5 | " | 80.0 | 8.4 | Ts | | | |
| 0315.9 | 7.3 | " | 23.9 | 12.2 | " | 9907.1 | 8.6 | Km | 51.9 | 14.5 | " | 90.0 | 8.2 | Gm | 駁者座 UX | | |
| 0585.2 | 7.0 | Si | 27.0 | 12.8 | " | 0315.9 | 8.4 | Tm | 52.9 | 15.0 | " | 90.9 | 8.3 | " | 050849 (UX Aur) | | |
| 89.2 | 6.5 | " | 27.9 | 12.6 | " | 21.0 | 8.2 | " | 54.9 | 14.5 | " | 97.9 | 8.3 | " | 9907.1 | 8.9 | Km |
| 0602.1 | 7.6 | " | 29.9 | 12.7 | " | 46.0 | 7.6 | Ts | 56.0 | 15.0 | " | 97.9 | 8.4 | Ts | 60.9 | 8.7 | " |
| 10.1 | 7.9 | " | 30.9 | 12.2 | " | 48.0 | 7.9 | Tm | 56.9 | 14.5 | " | 0403.9 | 8.4 | Gm | 73.2 | 8.9 | " |
| 38.1 | 8.1 | " | 32.9 | 11.9 | " | 68.0 | 7.2 | Ts | 57.9 | 13.9 | " | 06.0 | 8.3 | " | 88.2 | 8.8 | " |
| 47.1 | 8.2 | " | 33.9 | 12.0 | " | 75.0 | 7.1 | " | 60.9 | 13.9 | " | 08.0 | 8.2 | Mt | 0011.9 | 8.8 | " |
| | | | 36.9 | 12.0 | " | 80.0 | 8.0 | " | 82.0 | 14.9 | " | 08.0 | 8.4 | Ts | 23.0 | 8.7 | " |
| 鶯座 V | | | 38.9 | 12.1 | " | 97.9 | 8.4 | " | | | | 08.1 | 8.5 | Gm | 51.0 | 8.5 | " |
| 18590 q(V Aql) | | | 39.9 | 12.1 | " | 0408.0 | 8.4 | " | | | | 12.0 | 8.0 | Mt | 84.0 | 8.5 | " |
| 0140.2 | 7.4 | Gm | 43.9 | 12.5 | " | 10.0 | 8.4 | " | 062845 (TU Aur) | | | 18.1 | 8.3 | Gm | 0116.0 | 8.1 | " |
| 43.2 | 7.3 | " | 51.9 | 12.3 | " | 37.0 | 8.5 | Tm | 9907.2 | 8.5 | Km | 19.0 | 8.3 | Mt | | | |
| 66.0 | 7.5 | " | 52.9 | 12.0 | " | 41.0 | 8.0 | Ed | 35.2 | 8.3 | " | 22.9 | 8.5 | Gm | 駁者座 UZ | | |
| 78.0 | 7.5 | " | 55.9 | 11.6 | " | 58.0 | 9.0 | m | 61.1 | 8.5 | " | 27.1 | 8.5 | " | 050840 (UZ Aur) | | |
| 79.9 | 7.3 | " | 56.9 | 11.7 | " | 68.9 | 9.0 | " | 73.2 | 8.5 | " | 28.9 | 8.7 | " | 9961.0 | 8.4 | Km |
| 99.1 | 7.5 | " | | | | | | | 86.0 | 8.5 | " | 30.9 | 8.7 | " | 93.0 | 8.4 | " |
| 0331.9 | 7.6 | " | 鶯座 FO | | | 駁者座 RW | | | 88.0 | 8.5 | " | 35.0 | 8.6 | " | 0011.9 | 8.9 | " |
| 567.0 | 7.7 | " | 191100 (FO Aql) | | | 050130 (RW Aur) | | | 90.1 | 8.4 | " | 37.1 | 8.6 | " | 15.0 | 8.7 | " |
| 83.9 | 8.0 | " | 0320.9 | 11.5 | Kz | 0320.9 | 11.3 | Kz | 93.0 | 8.5 | " | 40.1 | 8.5 | " | 23.0 | 8.7 | " |
| 486.9 | 8.0 | " | 24.9 | 14.1 | " | 24.0 | 10.6 | " | 96.0 | 8.5 | " | 41.1 | 8.6 | Tm | 駁者座 AB | | |
| 91.9 | 8.0 | " | 29.9 | 14.0 | " | 27.1 | 10.8 | " | 99.0 | 8.5 | " | 45.9 | 8.4 | Gm | 044930b (AB Aur) | | |
| 0309.9 | 7.8 | " | 33.9 | 13.8 | " | 27.9 | 10.7 | " | 99.9 | 8.4 | " | 50.1 | 8.6 | " | | | |
| 0475.2 | 7.0 | " | 0545.0 | 15.2 | " | 29.0 | 10.6 | " | 0000.9 | 8.5 | " | 54.0 | 8.6 | " | 9868.3 | 7.5 | Km |
| 94.1 | 7.8 | " | 48.0 | 15.1 | " | 29.9 | 10.5 | " | 08.9 | 8.6 | " | 57.9 | 8.6 | Tm | 82.3 | 7.3 | " |
| 0516.1 | 7.7 | " | 49.1 | 14.8 | " | 30.9 | 10.3 | " | 11.0 | 8.6 | " | 68.0 | 8.4 | Gm | 9907.1 | 7.2 | " |
| 21.2 | 7.7 | " | 50.1 | 15.1 | " | 33.9 | 10.5 | " | 11.9 | 8.6 | " | 68.9 | 8.1 | Tm | 55.4 | 7.1 | " |
| 35.1 | 7.6 | " | 52.1 | 15.0 | " | 36.1 | 10.5 | " | 16.0 | 8.6 | " | 71.9 | 8.4 | Gm | 61.1 | 7.4 | " |
| 45.1 | 7.6 | " | 53.1 | 14.7 | " | 36.9 | 10.8 | " | 19.9 | 8.6 | " | 73.9 | 8.8 | " | 66.9 | 7.4 | " |
| 49.1 | 7.5 | " | 72.0 | 15.2 | " | 39.0 | 10.8 | " | 23.0 | 8.7 | " | 85.0 | 8.7 | " | 72.9 | 7.3 | " |
| 53.0 | 7.6 | " | 75.1 | 14.9 | " | 39.9 | 11.5 | " | 29.2 | 8.7 | " | | | | 78.9 | 7.3 | " |
| 71.0 | 7.5 | " | 83.0 | 14.2 | " | 43.9 | 11.2 | " | 51.0 | 8.5 | " | | | | 88.2 | 7.0 | " |
| 83.1 | 7.6 | " | 84.0 | 14.6 | " | 45.0 | 11.7 | " | 84.0 | 8.7 | " | 駁者座 UU | | | 93.0 | 7.2 | " |
| 0611.0 | 7.1 | " | 0611.0 | 14.3 | " | 45.9 | 11.8 | " | 0102.0 | 8.5 | " | 062938 (UU Aur) | | | 99.0 | 7.5 | " |
| | | | 12.0 | 14.1 | " | 46.9 | 11.0 | " | 16.0 | 8.4 | " | 9961.1 | 5.7 | Km | 99.9 | 7.5 | " |
| 鶯座 RT | | | 12.9 | 14.8 | " | 48.1 | 11.0 | " | | | | 73.2 | 6.1 | " | 0001.0 | 7.4 | " |
| 193311 (RT Aql) | | | 27.0 | 14.1 | " | 48.9 | 11.5 | " | 駁者座 TW | | | 88.1 | 5.7 | " | 08.9 | 7.4 | " |
| | | | 28.0 | 14.6 | " | 51.0 | 11.4 | " | 054945 (TW Aur) | | | 0023.0 | 5.7 | " | 11.0 | 7.1 | " |
| 0316.9 | 8.8 | Yi | | | | 51.9 | 10.6 | " | 9882.3 | 8.4 | Km | 51.0 | 5.8 | " | 11.9 | 7.3 | " |
| | | | 鶯座 KX | | | 52.9 | 11.4 | " | 9907.2 | 8.5 | " | 84.0 | 5.9 | " | 16.0 | 7.4 | " |
| | | | 192914 (KX Aql) | | | 54.9 | 11.3 | " | 60.9 | 8.7 | " | 0116.0 | 6.2 | " | 19.9 | 7.4 | " |
| | | | | | | 56.0 | 11.1 | " | 73.2 | 8.0 | " | 0244.0 | 6.1 | Gm | 23.0 | 7.5 | " |
| 0320.9 | 14.4 | Kz | 0320.9 | 14.6 | Kz | 56.9 | 10.6 | " | 88.2 | 8.7 | " | 95.1 | 5.7 | " | 51.0 | 7.1 | " |
| 24.9 | 14.4 | " | 24.9 | 14.4 | " | 57.9 | 10.8 | " | 96.0 | 8.6 | " | 0321.1 | 5.7 | " | 84.0 | 7.0 | " |
| 29.9 | 13.9 | " | 29.9 | 14.3 | " | 60.9 | 11.1 | " | 0011.9 | 8.6 | " | 79.1 | 5.8 | " | 0102.0 | 7.0 | " |
| 30.9 | 14.3 | " | 30.9 | 13.8 | " | | | | 23.0 | 8.8 | " | 90.9 | 5.7 | " | 16.0 | 6.7 | " |
| 32.9 | 13.6 | " | 33.9 | 14.1 | " | 駁者座 SS | | | 51.0 | 8.6 | " | 96.9 | 5.7 | " | 0257.1 | 7.0 | Gm |
| 33.9 | 14.8 | " | 36.9 | 14.7 | " | 060547 (SS Aur) | | | 84.0 | 8.7 | " | 03.9 | 5.7 | " | 84.0 | 7.0 | " |
| 0545.0 | 14.7 | " | 38.9 | 14.4 | " | | | | 0116.0 | 8.8 | " | 09.0 | 5.8 | " | 92.1 | 7.1 | " |
| 48.0 | 14.7 | " | 39.9 | 14.7 | " | 0321.1 | 14.9 | Kz | 38.0 | 8.8 | Gm | 08.1 | 5.9 | " | 65.1 | 7.1 | " |
| 49.0 | 14.7 | " | 43.6 | 14.7 | " | 24.0 | 14.8 | " | 93.0 | 8.8 | " | 18.1 | 5.7 | " | 0310.0 | 7.1 | " |
| 50.1 | 14.6 | " | 45.9 | 14.4 | " | 25.0 | 14.5 | " | 0257.1 | 8.2 | " | 22.9 | 5.7 | " | 15.9 | 7.1 | Tm |
| 53.1 | 14.7 | " | 51.9 | 14.0 | " | 27.1 | 14.8 | " | 84.0 | 8.2 | " | 27.1 | 5.7 | " | 21.0 | 6.9 | " |
| 72.0 | 15.5 | " | 52.9 | 14.4 | " | 30.0 | 14.5 | " | 92.1 | 8.2 | " | 28.9 | 5.5 | " | 21.1 | 6.8 | Gm |
| 75.1 | 14.4 | " | 54.9 | 13.9 | " | 31.0 | 13.8 | " | 95.1 | 8.4 | " | 31.9 | 5.5 | " | 48.0 | 7.2 | Tm |

| J.D. | Est. | Obs. | J.D. | Est. | Obs. | J.D. | Est. | Obs. | J.D. | Est. | Obs. | J.D. | Est. | Obs. | J.D. | Est. | Obs. | |
|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|--------|------|----------------|--------|--------|-----------------|------|------|--|
| 242-3 | m | | 242-3 | m | | 242-3 | m | | 麒麟座 T | 242-3 | m | 242-3 | m | | 242-3 | m | | |
| 0379.1 | 6.5 | Gm | 0461.0 | 7.1 | Ed | 0084.0 | 7.3 | Km | 麒麟座 T | 0084.0 | 8.8 | Km | 麒麟座 ST | 0102.0 | 7.0 | Km | | |
| 90.1 | 6.4 | " | 61.0 | 7.1 | Kd | 0102.0 | 7.2 | Ed | 043065 (T Cam) | | | | 麒麟座 ST | 16.0 | 6.9 | " | | |
| 90.9 | 6.5 | " | 63.1 | 7.2 | Ed | 16.0 | 7.1 | Ed | 242-3 | m | | 麒麟座 (ST Cam) | 蟹座 RS | | | | | |
| 96.9 | 7.0 | " | 64.0 | 7.1 | Kd | 牛 座 RX | | | 9988.0 | 7.6 | Km | 麒麟座 (ST Cam) | 蟹座 RS | | | | | |
| 0403.9 | 7.1 | " | 65.0 | 7.3 | Ed | 141926 (RX Boo) | | | 88.1 | 7.6 | " | 9877.3 | 7.3 | Km | 090431 (RS Cnc) | | | |
| 06.0 | 6.9 | " | 66.0 | 7.4 | " | | | | 90.1 | 7.8 | " | 82.3 | 7.7 | " | 9936.3 | 6.5 | Km | |
| 08.1 | 6.6 | " | 71.0 | 7.9 | " | 9877.0 | 7.8 | Km | 92.9 | 7.9 | " | 9961.1 | 7.5 | " | 55.4 | 6.7 | " | |
| 19.1 | 6.5 | " | 89.0 | 8.5 | Ts | 9906.9 | 7.8 | " | 96.1 | 7.9 | " | 72.9 | 7.1 | " | 61.1 | 6.8 | " | |
| 22.9 | 6.9 | " | 93.0 | 8.8 | Kd | 73.3 | 7.4 | " | 98.9 | 7.9 | " | 86.0 | 7.7 | " | 86.0 | 6.4 | " | |
| 27.1 | 6.7 | " | 93.1 | 9.3 | Ed | 91.4 | 7.4 | " | 0008.9 | 8.2 | " | 88.0 | 7.4 | " | 88.1 | 6.5 | " | |
| 28.9 | 7.1 | " | 96.1 | 8.9 | Ts | 99.3 | 7.4 | " | 23.0 | 8.8 | " | 90.1 | 7.3 | " | 93.0 | 6.3 | " | |
| 29.9 | 7.0 | " | 0555.1 | 8.6 | Tm | 0011.3 | 7.5 | " | 51.0 | 9.3 | " | 93.0 | 7.3 | " | 96.0 | 6.8 | " | |
| 30.9 | 6.8 | " | | | | 27.3 | 7.4 | " | 麒麟座 Z | | | 96.1 | 7.3 | " | 99.0 | 6.5 | " | |
| 35.0 | 6.8 | " | 牛 座 V | | | 29.2 | 7.4 | " | 081473 (Z Cam) | | | 98.9 | 7.3 | " | 0011.1 | 6.4 | " | |
| 37.1 | 6.8 | " | 242539 (V Boo) | | | 51.1 | 7.5 | " | | | | 99.9 | 7.3 | " | 16.0 | 6.7 | " | |
| 40.1 | 6.9 | " | 9874.0 | 8.1 | Km | 84.0 | 7.4 | " | 0320.9 | 10.7 | Kz | 0008.9 | 7.3 | " | 20.0 | 6.4 | " | |
| 41.1 | 7.4 | Tm | 77.0 | 8.3 | " | 0102.0 | 7.4 | " | 21.1 | 11.1 | " | 11.0 | 7.3 | " | 23.0 | 6.4 | " | |
| 45.9 | 7.0 | Gm | 80.9 | 8.2 | " | 16.0 | 7.6 | " | 24.0 | 11.4 | " | 11.9 | 7.3 | " | 29.2 | 6.7 | " | |
| 52.1 | 7.0 | Gm | 9906.9 | 8.1 | " | 33.0 | 7.3 | Gm | 25.0 | 11.8 | " | 19.9 | 7.5 | " | 51.1 | 6.3 | " | |
| 54.0 | 6.6 | F | 99.3 | 9.9 | " | 38.0 | 7.3 | " | 27.0 | 12.8 | " | 23.0 | 7.4 | " | 84.0 | 6.3 | " | |
| 57.9 | 6.6 | Tm | 0051.1 | 8.6 | " | 43.0 | 7.4 | " | 29.9 | 13.1 | " | 29.2 | 7.1 | " | 0102.0 | 6.4 | " | |
| 68.0 | 6.6 | Gm | 84.0 | 8.4 | " | 53.0 | 7.5 | " | 31.0 | 13.3 | " | 51.1 | 7.3 | " | 16.0 | 5.6 | " | |
| 68.9 | 7.3 | Tm | 0102.0 | 8.1 | " | 78.0 | 7.8 | " | 33.9 | 13.5 | " | 84.0 | 7.4 | " | 0288.3 | 6.4 | Iw | |
| 72.9 | 6.8 | Gm | 16.0 | 7.9 | " | 81.0 | 7.7 | " | 36.1 | 13.1 | " | 0102.0 | 7.9 | " | 0349.1 | 5.6 | Ky | |
| 75.9 | 6.8 | " | 0152.0 | 7.9 | Kr | 87.0 | 8.0 | " | 36.9 | 13.3 | " | 16.0 | 7.7 | " | 73.3 | 6.1 | Ts | |
| | | | 77.9 | 10.2 | Tm | 99.0 | 7.8 | " | 38.9 | 13.1 | " | 蟹座 R | 0408.0 | 6.3 | | | | |
| 取者座 AE | | | 0287.9 | 9.9 | Ys | 0231.9 | 7.8 | " | 39.9 | 13.3 | " | 081112 (R Cnc) | 37.0 | 6.4 | Kd | | | |
| 050934 (AE Aur) | | | 89.9 | 8.6 | Ed | 0408.1 | 7.6 | " | 43.9 | 11.7 | " | 438.0 | 8.9 | Ed | 59.0 | 6.9 | " | |
| 9882.3 | 5.1 | Km | 0438.1 | 8.0 | " | 18.1 | 7.7 | " | 44.0 | 11.5 | " | 56.1 | 8.0 | " | 61.0 | 6.7 | " | |
| 9907.1 | 5.5 | " | 44.1 | 8.3 | " | 27.1 | 7.5 | " | 45.0 | 11.4 | " | 57.1 | 7.9 | " | 89.0 | 6.0 | Ot | |
| 66.9 | 5.7 | " | 56.0 | 9.0 | " | 31.1 | 7.4 | " | 45.9 | 11.0 | " | 58.0 | 7.8 | " | 93.0 | 6.3 | Kd | |
| 72.9 | 5.4 | " | 57.0 | 9.0 | " | 35.1 | 7.5 | " | 48.1 | 11.6 | " | 61.0 | 7.8 | " | 94.1 | 5.9 | Ot | |
| 78.9 | 5.9 | " | 60.0 | 9.1 | " | 37.1 | 7.5 | " | 51.0 | 12.4 | " | 61.0 | 7.9 | " | 0513.0 | 5.9 | " | |
| 88.2 | 5.4 | " | 63.1 | 9.0 | " | 39.1 | 7.5 | " | 51.9 | 12.9 | " | 63.1 | 7.8 | " | 16.0 | 6.1 | " | |
| 93.0 | 5.4 | " | 66.0 | 9.1 | " | 54.0 | 7.3 | " | 52.9 | 13.1 | " | 66.1 | 7.7 | " | 16.0 | 6.4 | Kd | |
| 96.0 | 5.7 | " | 71.0 | 9.2 | " | 58.1 | 7.3 | " | 54.9 | 13.3 | " | 68.0 | 7.6 | " | | | | |
| 99.0 | 5.5 | " | 93.1 | 9.7 | " | 68.0 | 7.2 | " | 56.0 | 13.4 | " | 71.0 | 7.5 | " | 獵犬座 V | | | |
| 99.9 | 5.4 | " | 0555.1 | 8.6 | Tm | 71.9 | 7.3 | " | 56.9 | 13.1 | " | | | | 131546 (V CVn) | | | |
| 0000.9 | 5.7 | " | | | | 85.0 | 7.2 | " | 60.9 | 13.1 | " | 蟹座 V | 9873.9 | 8.0 | Km | | | |
| 08.9 | 5.6 | " | 牛 座 RV | | | 94.0 | 7.1 | " | 0458.0 | 13.1 | " | 081617 (V Cnc) | 77.0 | 8.0 | " | | | |
| 11.0 | 5.7 | " | 143532 (RV Boo) | | | 0500.0 | 7.1 | " | 58.9 | 13.0 | " | 0438.0 | 7.7 | Ed | 80.9 | 8.0 | " | |
| 11.9 | 5.7 | " | 9874.0 | 7.4 | Km | 12.0 | 7.2 | " | 76.0 | 10.6 | " | 56.1 | 8.8 | " | 9906.9 | 7.7 | " | |
| 16.0 | 5.7 | " | 77.0 | 7.4 | " | 16.1 | 7.1 | " | 81.0 | 10.8 | " | 57.0 | 8.9 | " | 55.3 | 7.6 | " | |
| 19.9 | 5.7 | " | 9906.9 | 7.4 | " | 23.1 | 7.2 | " | 84.0 | 11.2 | " | 61.0 | 9.0 | " | 68.2 | 7.7 | " | |
| 23.0 | 5.7 | " | 73.3 | 7.4 | " | 26.1 | 7.2 | " | 91.0 | 13.0 | " | 61.0 | 7.5 | Kd | 73.3 | 7.7 | " | |
| 29.2 | 5.7 | " | 91.4 | 7.5 | " | 73.0 | 7.3 | " | 94.1 | 13.3 | " | 63.1 | 9.1 | Ed | 88.2 | 7.7 | " | |
| 51.0 | 5.9 | " | 99.3 | 7.3 | " | 牛 座 RY | | | 96.0 | 13.2 | " | 64.0 | 7.2 | Kd | 99.1 | 7.7 | " | |
| 84.0 | 5.7 | " | 0011.3 | 7.3 | " | 144523 (RY Boo) | | | 97.1 | 13.4 | " | 71.0 | 9.1 | Ed | 0011.1 | 7.9 | " | |
| 0116.0 | 5.6 | " | 29.2 | 7.2 | " | | | | 0507.0 | 10.5 | " | 蟹座 X | 27.3 | 8.5 | " | | | |
| | | | 51.1 | 7.3 | " | 9877.0 | 7.2 | Km | 08.0 | 11.2 | " | 084917 (X Cnc) | 84.0 | 7.7 | " | | | |
| 牛 座 R | | | 84.0 | 7.2 | " | 9906.9 | 6.9 | " | 27.0 | 13.4 | " | 9936.3 | 6.8 | Km | 0102.0 | 7.4 | " | |
| 143227 (R Boo) | | | 0102.0 | 7.3 | " | 91.4 | 6.8 | " | 45.0 | 13.5 | " | 73.2 | 7.1 | " | 11.1 | 7.8 | " | |
| 9991.4 | 8.2 | Km | 16.0 | 7.5 | " | 99.3 | 6.8 | " | 49.0 | 10.7 | " | 86.0 | 7.0 | " | 16.0 | 7.7 | " | |
| 99.3 | 8.0 | " | 牛 座 RW | | | 0011.3 | 7.0 | " | 麒麟座 RY | | | 88.1 | 6.9 | " | 0491.0 | 7.4 | Ot | |
| 0011.3 | 7.9 | " | 143732 (RW Boo) | | | 51.1 | 6.9 | " | 042164 (RY Cam) | | | 93.0 | 6.5 | " | 94.0 | 7.2 | " | |
| 27.3 | 8.1 | " | | | | 83.0 | 7.3 | " | | | | 96.0 | 6.6 | " | 94.0 | 7.4 | Ts | |
| 51.1 | 9.0 | " | 9874.0 | 6.8 | Km | 0102.0 | 7.0 | " | 9961.1 | 9.1 | Km | 96.0 | 6.6 | " | 0513.0 | 7.8 | Ot | |
| 0277.9 | 9.0 | Tm | 77.0 | 6.7 | " | 16.0 | 6.9 | " | 88.0 | 9.1 | " | 99.0 | 6.6 | " | 16.0 | 7.3 | " | |
| 66.9 | 9.2 | " | 9906.9 | 7.3 | " | 麒麟座 R | | | 90.1 | 9.5 | " | 0011.1 | 6.6 | " | 16.0 | 7.6 | Ts | |
| 0438.0 | 6.8 | Ed | 73.3 | 7.3 | " | 142584 (R Cam) | | | 96.1 | 9.0 | " | 16.0 | 6.8 | " | 27.0 | 7.6 | " | |
| 44.1 | 6.9 | " | 91.4 | 7.3 | " | | | | 99.0 | 8.7 | " | 20.0 | 6.9 | " | 45.0 | 7.6 | Ot | |
| 56.0 | 6.6 | " | 99.3 | 7.3 | " | 9874.0 | 8.4 | Km | 99.9 | 8.6 | " | 23.0 | 6.8 | " | | | | |
| 57.0 | 6.8 | " | 0011.3 | 7.4 | " | 9907.0 | 8.5 | " | 0008.9 | 8.5 | " | 29.2 | 7.1 | " | 獵犬座 Y | | | |
| 58.0 | 7.0 | " | 29.2 | 7.4 | " | 34.9 | 8.4 | " | 23.0 | 8.4 | " | 51.1 | 6.9 | " | 124045 (Y CVn) | | | |
| 60.0 | 7.1 | " | 51.1 | 7.0 | " | 0072.2 | 9.9 | Fd | 51.1 | 8.4 | " | 84.0 | 7.0 | " | 9873.9 | 6.1 | Km | |

謹 告

天文月報預約購讀料改正

昭和十九年度分より月報一ヶ年の購讀料を金四圓に改正致します、郵税の改正、特別行爲税、附加等の爲であります。

天文月報賣價ノ改正

昭和十九年度分（昭和十九年四月號）より月報の賣價には、從來の定價 30 錢の外に特別行爲税相當額を加へたるものを以て賣價と致します。

振替拂込料金

振替を以て當學會口座に金銭御支拂の場合には一口につき 10 錢の拂込料金を御加算下さる様御願ひ致します。

即ち振替を以て會費（通常會員）を御支拂ひ下さる場合には 3 圓 10 錢を、又一ヶ年分購讀料を御支拂ひ下さる場合には 4 圓 10 錢を御拂込み願ひます。

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