

2023. 11. 18 セラミックアートセンター星空観察会

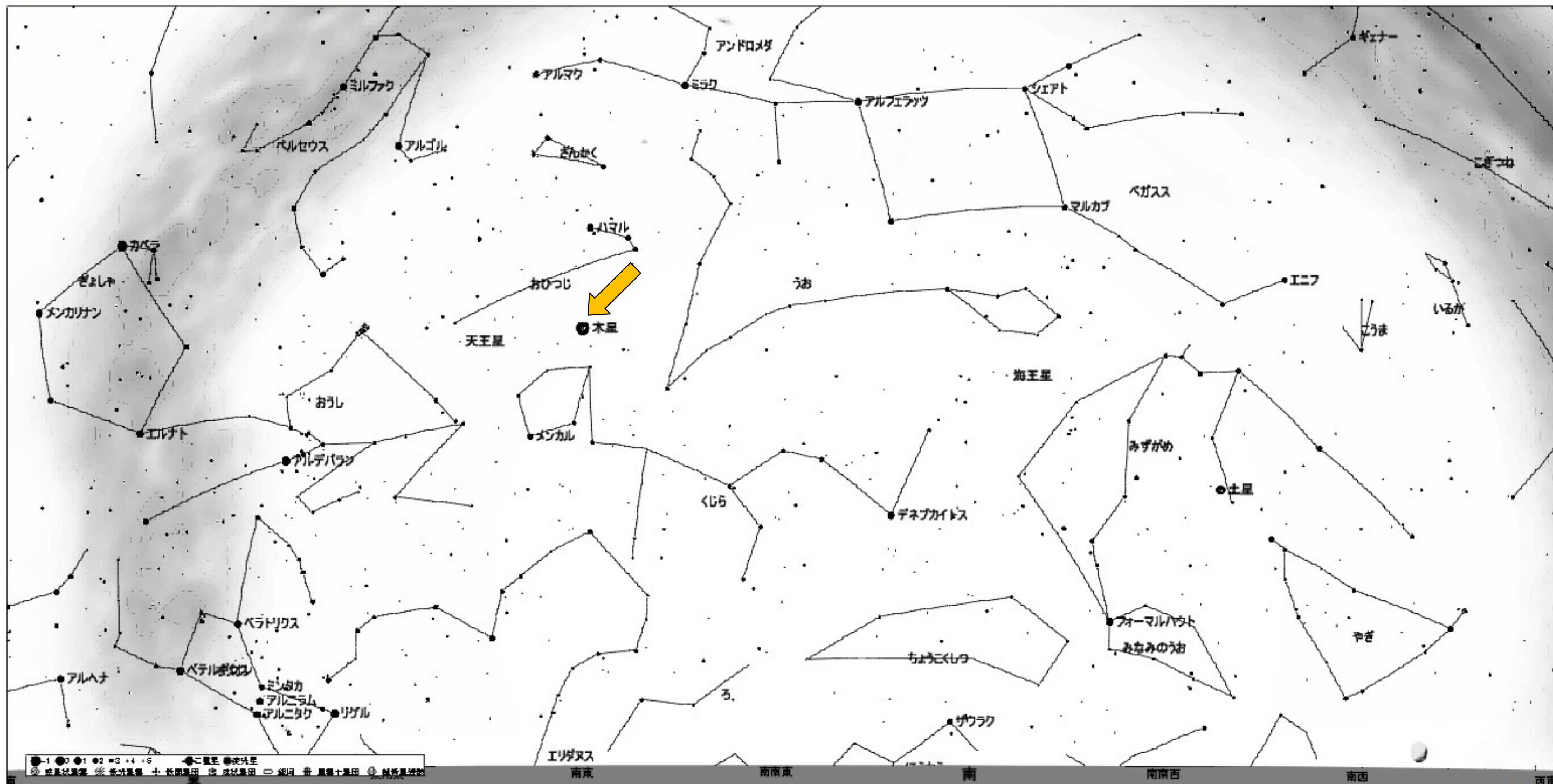
# テーマ「木星とガリレオ衛星」

by みんなの星空☆えべつ

★木星の位置は、南東の空 高度は約50度の空にマイナス2.9等星で明るく輝いています。

★今夜20:00の星空

■日時: AD 2023/11/18 20:00:00 JST 月齢5.1 ■場所: 141°31'59.7"E 43°06'12.3"N 39m ■限界等級: 5.7等



●-1 ●0 ●1 ●2 ●3 ●4 ●5 ●6 ●7 ●8 ●9 ●10 ●11 ●12 ●13 ●14 ●15 ●16 ●17 ●18 ●19 ●20 ●21 ●22 ●23 ●24 ●25 ●26 ●27 ●28 ●29 ●30 ●31 ●32 ●33 ●34 ●35 ●36 ●37 ●38 ●39 ●40 ●41 ●42 ●43 ●44 ●45 ●46 ●47 ●48 ●49 ●50 ●51 ●52 ●53 ●54 ●55 ●56 ●57 ●58 ●59 ●60 ●61 ●62 ●63 ●64 ●65 ●66 ●67 ●68 ●69 ●70 ●71 ●72 ●73 ●74 ●75 ●76 ●77 ●78 ●79 ●80 ●81 ●82 ●83 ●84 ●85 ●86 ●87 ●88 ●89 ●90 ●91 ●92 ●93 ●94 ●95 ●96 ●97 ●98 ●99 ●100 ●101 ●102 ●103 ●104 ●105 ●106 ●107 ●108 ●109 ●110 ●111 ●112 ●113 ●114 ●115 ●116 ●117 ●118 ●119 ●120 ●121 ●122 ●123 ●124 ●125 ●126 ●127 ●128 ●129 ●130 ●131 ●132 ●133 ●134 ●135 ●136 ●137 ●138 ●139 ●140 ●141 ●142 ●143 ●144 ●145 ●146 ●147 ●148 ●149 ●150 ●151 ●152 ●153 ●154 ●155 ●156 ●157 ●158 ●159 ●160 ●161 ●162 ●163 ●164 ●165 ●166 ●167 ●168 ●169 ●170 ●171 ●172 ●173 ●174 ●175 ●176 ●177 ●178 ●179 ●180 ●181 ●182 ●183 ●184 ●185 ●186 ●187 ●188 ●189 ●190 ●191 ●192 ●193 ●194 ●195 ●196 ●197 ●198 ●199 ●200 ●201 ●202 ●203 ●204 ●205 ●206 ●207 ●208 ●209 ●210 ●211 ●212 ●213 ●214 ●215 ●216 ●217 ●218 ●219 ●220 ●221 ●222 ●223 ●224 ●225 ●226 ●227 ●228 ●229 ●230 ●231 ●232 ●233 ●234 ●235 ●236 ●237 ●238 ●239 ●240 ●241 ●242 ●243 ●244 ●245 ●246 ●247 ●248 ●249 ●250 ●251 ●252 ●253 ●254 ●255 ●256 ●257 ●258 ●259 ●260 ●261 ●262 ●263 ●264 ●265 ●266 ●267 ●268 ●269 ●270 ●271 ●272 ●273 ●274 ●275 ●276 ●277 ●278 ●279 ●280 ●281 ●282 ●283 ●284 ●285 ●286 ●287 ●288 ●289 ●290 ●291 ●292 ●293 ●294 ●295 ●296 ●297 ●298 ●299 ●300 ●301 ●302 ●303 ●304 ●305 ●306 ●307 ●308 ●309 ●310 ●311 ●312 ●313 ●314 ●315 ●316 ●317 ●318 ●319 ●320 ●321 ●322 ●323 ●324 ●325 ●326 ●327 ●328 ●329 ●330 ●331 ●332 ●333 ●334 ●335 ●336 ●337 ●338 ●339 ●340 ●341 ●342 ●343 ●344 ●345 ●346 ●347 ●348 ●349 ●350 ●351 ●352 ●353 ●354 ●355 ●356 ●357 ●358 ●359 ●360 ●361 ●362 ●363 ●364 ●365 ●366 ●367 ●368 ●369 ●370 ●371 ●372 ●373 ●374 ●375 ●376 ●377 ●378 ●379 ●380 ●381 ●382 ●383 ●384 ●385 ●386 ●387 ●388 ●389 ●390 ●391 ●392 ●393 ●394 ●395 ●396 ●397 ●398 ●399 ●400 ●401 ●402 ●403 ●404 ●405 ●406 ●407 ●408 ●409 ●410 ●411 ●412 ●413 ●414 ●415 ●416 ●417 ●418 ●419 ●420 ●421 ●422 ●423 ●424 ●425 ●426 ●427 ●428 ●429 ●430 ●431 ●432 ●433 ●434 ●435 ●436 ●437 ●438 ●439 ●440 ●441 ●442 ●443 ●444 ●445 ●446 ●447 ●448 ●449 ●450 ●451 ●452 ●453 ●454 ●455 ●456 ●457 ●458 ●459 ●460 ●461 ●462 ●463 ●464 ●465 ●466 ●467 ●468 ●469 ●470 ●471 ●472 ●473 ●474 ●475 ●476 ●477 ●478 ●479 ●480 ●481 ●482 ●483 ●484 ●485 ●486 ●487 ●488 ●489 ●490 ●491 ●492 ●493 ●494 ●495 ●496 ●497 ●498 ●499 ●500 ●501 ●502 ●503 ●504 ●505 ●506 ●507 ●508 ●509 ●510 ●511 ●512 ●513 ●514 ●515 ●516 ●517 ●518 ●519 ●520 ●521 ●522 ●523 ●524 ●525 ●526 ●527 ●528 ●529 ●530 ●531 ●532 ●533 ●534 ●535 ●536 ●537 ●538 ●539 ●540 ●541 ●542 ●543 ●544 ●545 ●546 ●547 ●548 ●549 ●550 ●551 ●552 ●553 ●554 ●555 ●556 ●557 ●558 ●559 ●560 ●561 ●562 ●563 ●564 ●565 ●566 ●567 ●568 ●569 ●570 ●571 ●572 ●573 ●574 ●575 ●576 ●577 ●578 ●579 ●580 ●581 ●582 ●583 ●584 ●585 ●586 ●587 ●588 ●589 ●590 ●591 ●592 ●593 ●594 ●595 ●596 ●597 ●598 ●599 ●600 ●601 ●602 ●603 ●604 ●605 ●606 ●607 ●608 ●609 ●610 ●611 ●612 ●613 ●614 ●615 ●616 ●617 ●618 ●619 ●620 ●621 ●622 ●623 ●624 ●625 ●626 ●627 ●628 ●629 ●630 ●631 ●632 ●633 ●634 ●635 ●636 ●637 ●638 ●639 ●640 ●641 ●642 ●643 ●644 ●645 ●646 ●647 ●648 ●649 ●650 ●651 ●652 ●653 ●654 ●655 ●656 ●657 ●658 ●659 ●660 ●661 ●662 ●663 ●664 ●665 ●666 ●667 ●668 ●669 ●670 ●671 ●672 ●673 ●674 ●675 ●676 ●677 ●678 ●679 ●680 ●681 ●682 ●683 ●684 ●685 ●686 ●687 ●688 ●689 ●690 ●691 ●692 ●693 ●694 ●695 ●696 ●697 ●698 ●699 ●700 ●701 ●702 ●703 ●704 ●705 ●706 ●707 ●708 ●709 ●710 ●711 ●712 ●713 ●714 ●715 ●716 ●717 ●718 ●719 ●720 ●721 ●722 ●723 ●724 ●725 ●726 ●727 ●728 ●729 ●730 ●731 ●732 ●733 ●734 ●735 ●736 ●737 ●738 ●739 ●740 ●741 ●742 ●743 ●744 ●745 ●746 ●747 ●748 ●749 ●750 ●751 ●752 ●753 ●754 ●755 ●756 ●757 ●758 ●759 ●760 ●761 ●762 ●763 ●764 ●765 ●766 ●767 ●768 ●769 ●770 ●771 ●772 ●773 ●774 ●775 ●776 ●777 ●778 ●779 ●780 ●781 ●782 ●783 ●784 ●785 ●786 ●787 ●788 ●789 ●790 ●791 ●792 ●793 ●794 ●795 ●796 ●797 ●798 ●799 ●800 ●801 ●802 ●803 ●804 ●805 ●806 ●807 ●808 ●809 ●810 ●811 ●812 ●813 ●814 ●815 ●816 ●817 ●818 ●819 ●820 ●821 ●822 ●823 ●824 ●825 ●826 ●827 ●828 ●829 ●830 ●831 ●832 ●833 ●834 ●835 ●836 ●837 ●838 ●839 ●840 ●841 ●842 ●843 ●844 ●845 ●846 ●847 ●848 ●849 ●850 ●851 ●852 ●853 ●854 ●855 ●856 ●857 ●858 ●859 ●860 ●861 ●862 ●863 ●864 ●865 ●866 ●867 ●868 ●869 ●870 ●871 ●872 ●873 ●874 ●875 ●876 ●877 ●878 ●879 ●880 ●881 ●882 ●883 ●884 ●885 ●886 ●887 ●888 ●889 ●890 ●891 ●892 ●893 ●894 ●895 ●896 ●897 ●898 ●899 ●900 ●901 ●902 ●903 ●904 ●905 ●906 ●907 ●908 ●909 ●910 ●911 ●912 ●913 ●914 ●915 ●916 ●917 ●918 ●919 ●920 ●921 ●922 ●923 ●924 ●925 ●926 ●927 ●928 ●929 ●930 ●931 ●932 ●933 ●934 ●935 ●936 ●937 ●938 ●939 ●940 ●941 ●942 ●943 ●944 ●945 ●946 ●947 ●948 ●949 ●950 ●951 ●952 ●953 ●954 ●955 ●956 ●957 ●958 ●959 ●960 ●961 ●962 ●963 ●964 ●965 ●966 ●967 ●968 ●969 ●970 ●971 ●972 ●973 ●974 ●975 ●976 ●977 ●978 ●979 ●980 ●981 ●982 ●983 ●984 ●985 ●986 ●987 ●988 ●989 ●990 ●991 ●992 ●993 ●994 ●995 ●996 ●997 ●998 ●999



★木星のガリレオ衛星とは？



イタリアの天文学者 ガリレオ・ガリレイ 1610年に手製の望遠鏡で発見

★ガリレオのスケッチ

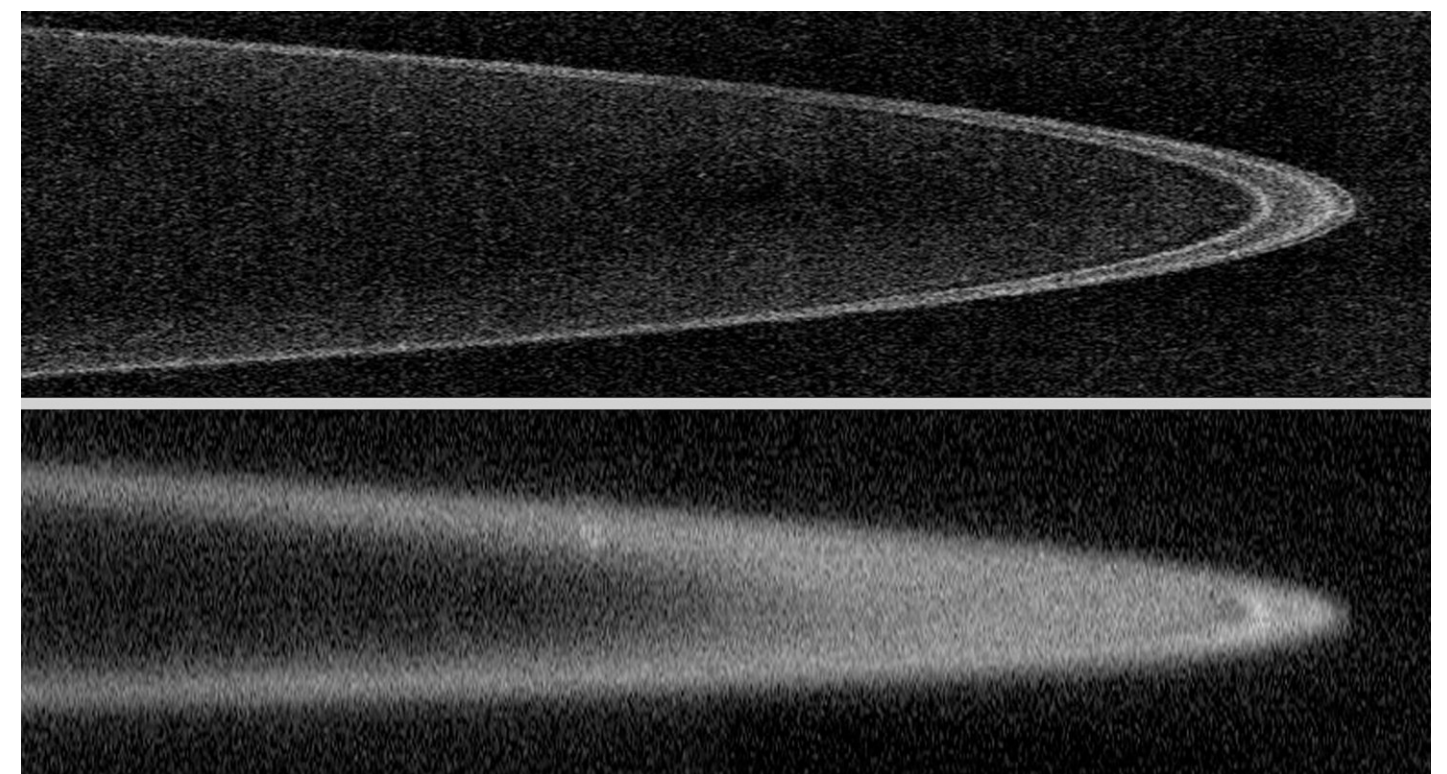
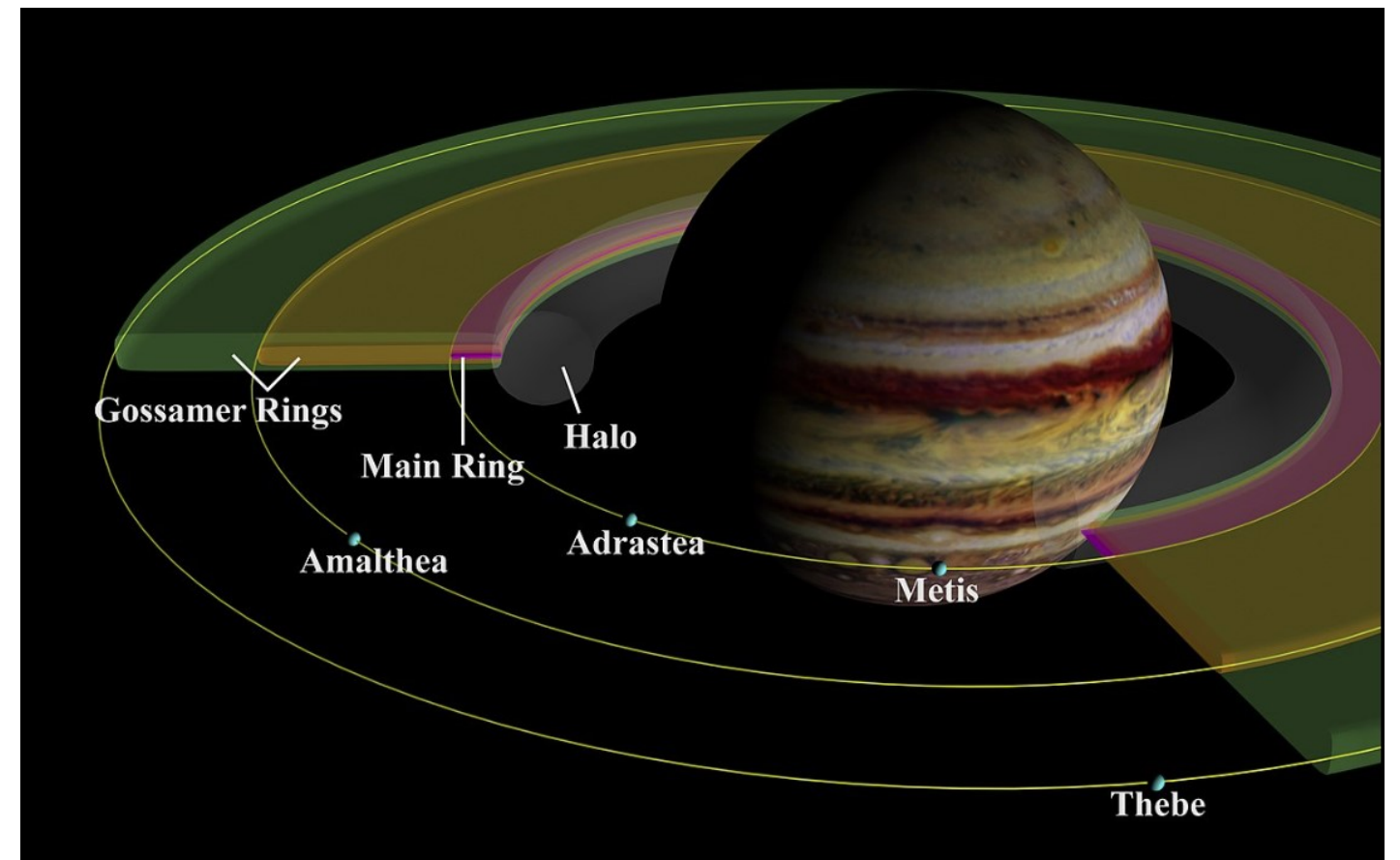


★ガリレオ衛星



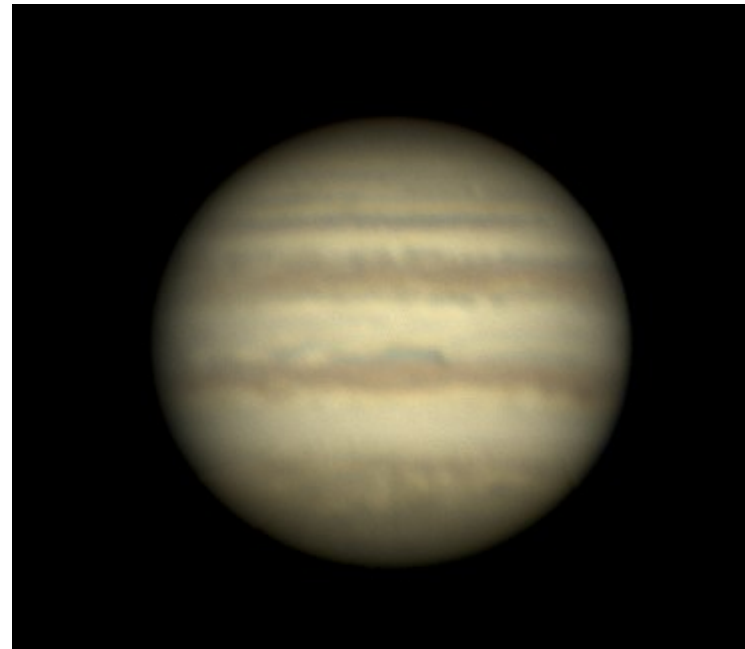
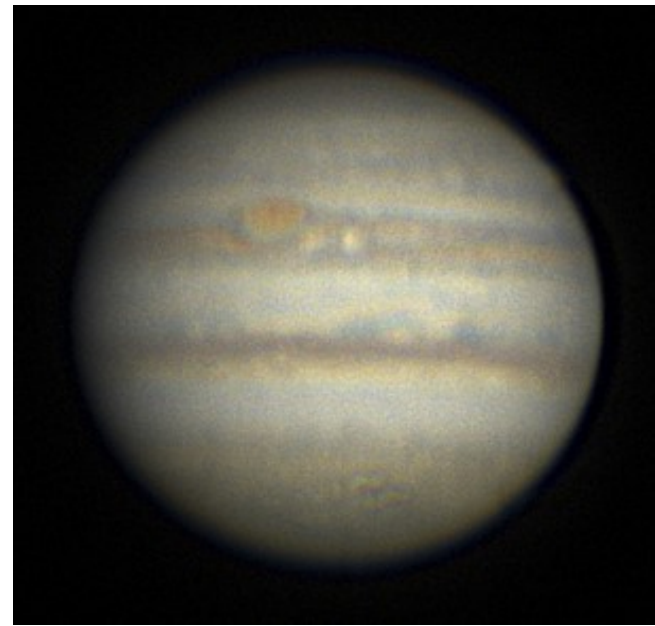
★木星の輪 ～ 土星以外にも輪がある惑星のひとつ

1979年にボイジャー1号で発見された。土星、天王星から数えて3番目

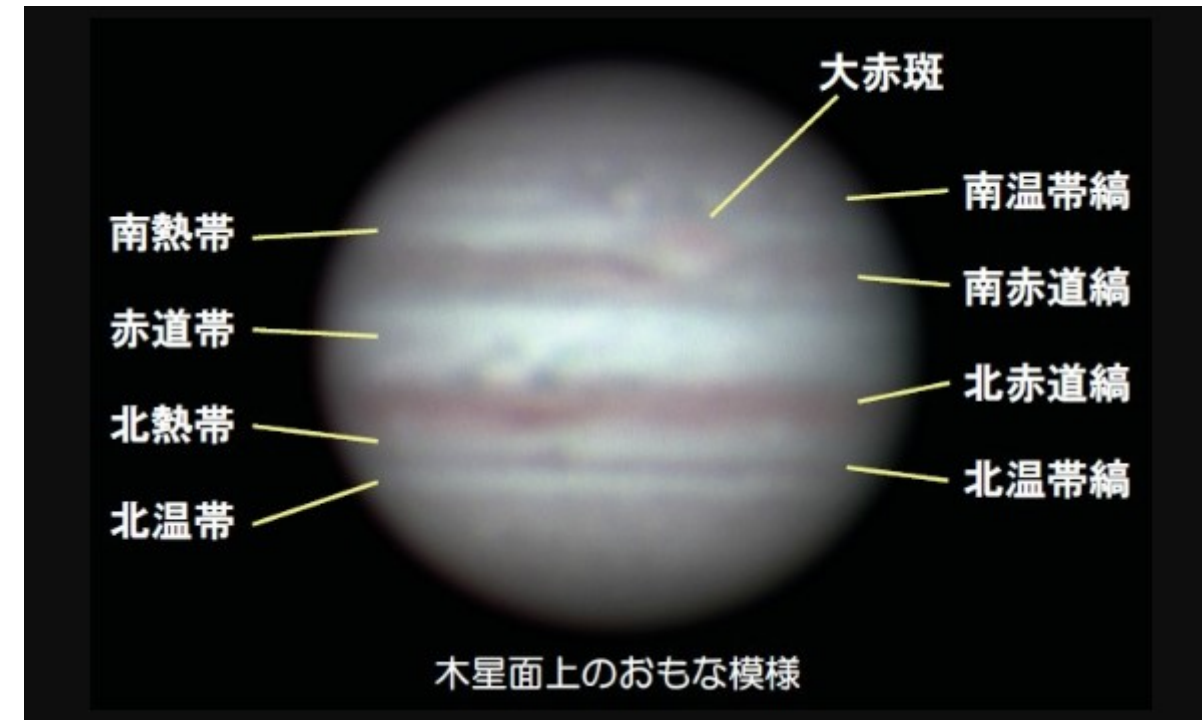




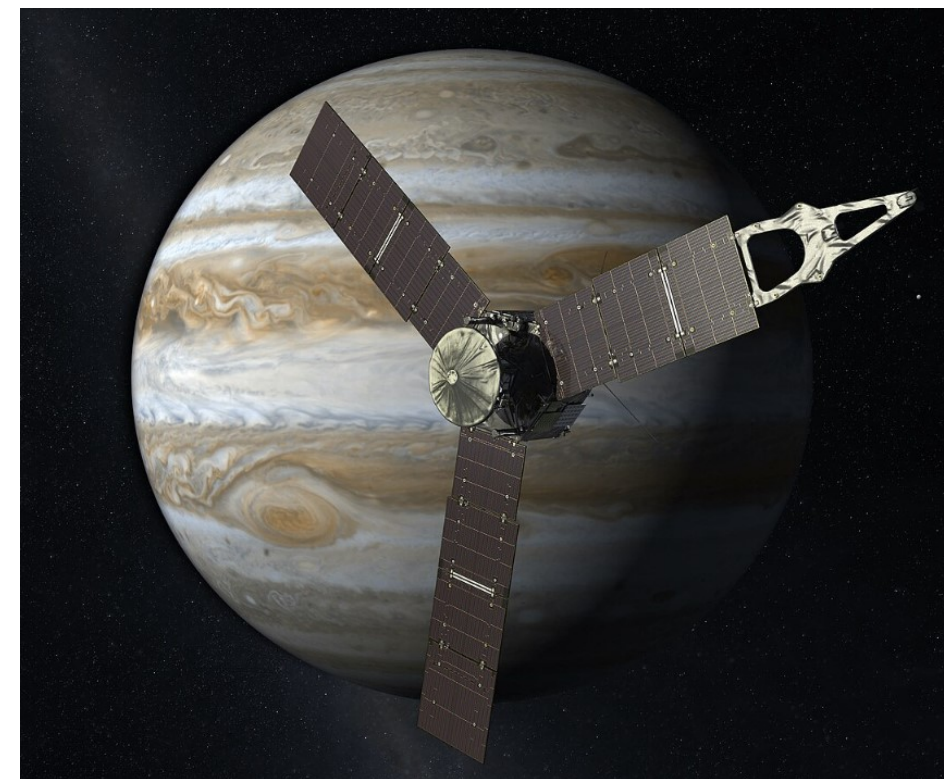
★木星の画像 撮影者 yasui



★木星の模様



★木星探査機ジュノー

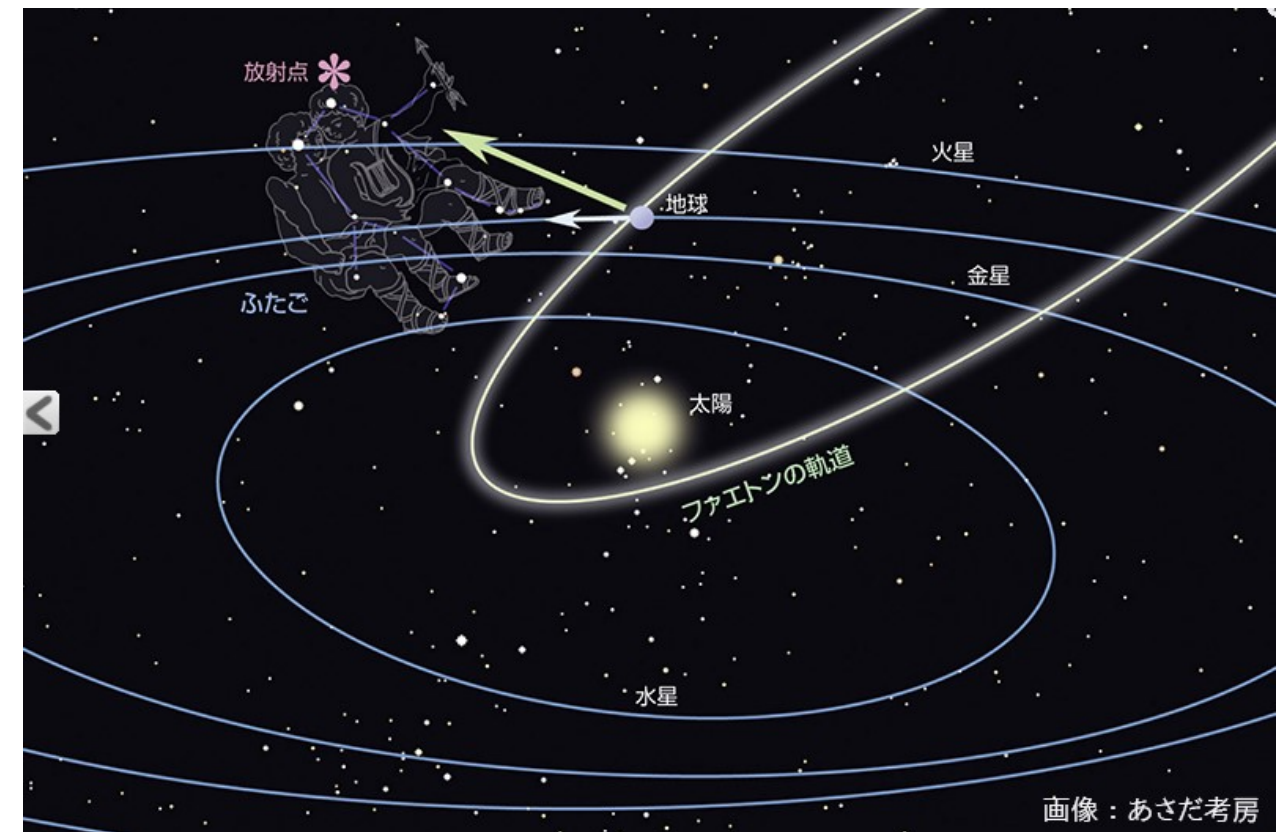
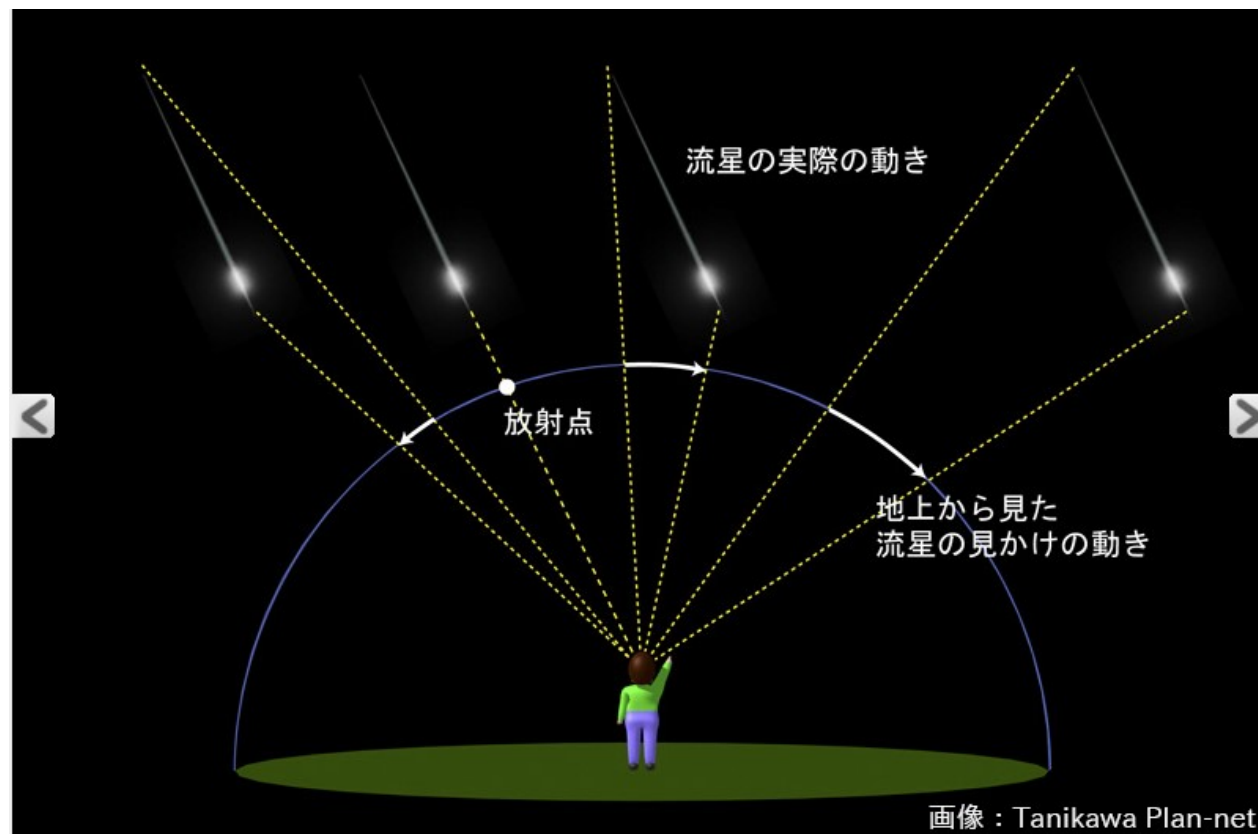
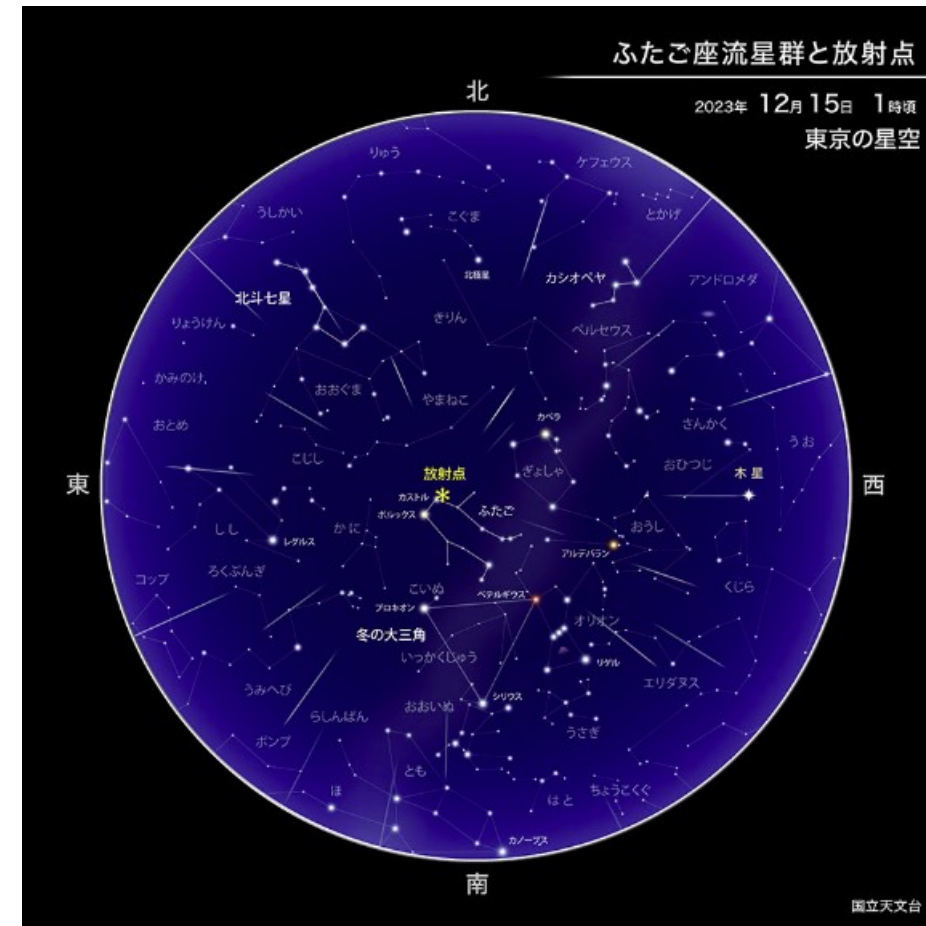


・ 2011年に打上げ 2016年から観測開始、2025年まで観測継続予定



★今日、11/18は、しし座流星群の極大日です！！

★次回のセラミック星空観察会 12/13、12/14は、ふたご座流星群を見ます！！



画像：Tanikawa Plan-net

画像：あさだ考房