



STAR LORE

AND

Future Events.

By the Editor of ZADKIEL'S ALMANAC.

No. 7].

JULY, 1897.

[PRICE 3D.

Contents.

	Page.
THE EARTHQUAKE IN INDIA	97
ON PRIMARY DIRECTIONS	99
DEATH OF MR. B. I. BARNATO	102
THE ORBS OF THE PLANETS	104
THERAPEUTICS AND ASTROLOGY	105
NOTES	106
LOOKING FORWARD	107
CORRESPONDENCE	108
CHANGE OF AIR	109
THE RULING SIGN OF PARIS	110
EMILE ZOLA	110
ORIENTALITY OF THE PLANETS	111
TABLE OF NEPTUNE'S GEOCENTRIC LONGITUDE AND LATITUDE FOR 1860	112

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THE EARTHQUAKE IN INDIA.

INDIA has experienced a terrible sequence of misfortunes during the last few months. The scarcity, verging on famine, in Agra, Cawnpore, and Nagpoor at the end of September, 1896, and the plague at Bombay, have been followed by a severe earthquake at Calcutta, the Mofussil, etc., which happened at 5^h p.m. of the 12th of June, doing immense damage, destroying the bridges and railway track of the Assam-Bengal line, and, worst of all, killing and injuring many hundreds of the natives.

We have shown, at page 8 of STAR-LORE for January, that drought and much epidemic sickness were foretold in ZADKIEL'S ALMANAC for 1896. In our comments on the rare conjunction of SATURN and URANUS in January, repeated in June and September this year, we stated our opinion that this phenomenon "threatens warlike measures, epidemic disease, and floods or earthquakes" (vide page 4 of STAR-LORE for January). The warlike measures fell on "Turkey and Greece," as we foretold; and the earthquake has fallen on India, immediately after the second conjunction of SATURN with URANUS, on the 1st of June.

Students will inquire why the earthquake at Calcutta took place at an interval of eleven days after the second conjunction of ♄ with ♅? The interval is really very short. Bacon (Lord Verulam) observed: "All the celestial operations produce not their effects instantaneously, and in a narrow compass, but exert them in large portions of time and space."

At Calcutta the conjunction of SATURN with URANUS in *Scorpio* 26° 26' 4" on the 1st of June, took place at 3^h 26^m 39^s p.m., *Cancer* 29° 38' culminating, and *Libra* 29° 10' ascending; the conjoined planets being just above the cusp of the second house, in opposition with Mercury in *Taurus* 25° 58'; Mars being in the tenth house, approaching the meridian, in *Leo* 7° 57' in semi-quartile with the Moon, in par. dec. with Uranus, and in quartile with Venus setting in *Taurus* 3° 11'. We find no fewer than five planets—♄, ♅, ♂, ♀ and ♃—in "fixed" signs which have a peculiar connexion with earthquakes; three being in angles and the two others rising into the first angle, at Calcutta.*

* The student can readily draw the figure of the heavens with the aid of the "Tables of Houses for Calcutta," given at p. 183, of "The Science of the Stars."

The earthquakes took place when the Moon had nearly reached the conjoined planets, which were *rising* at 5^h p.m. When the Indian newspapers arrive, we hope to find in one of them the exact moment of the first shock at Calcutta—perhaps some of our Indian readers will favour us with a record of it. It is worthy of remark that at the conjunction on the 1st of June the planet SATURN had 17° 10' 12" of south *declination*, and that MARS was in 17° 48' 45" north declination at the time of the earthquake (being within 39' of the exact contra-parallel), which took place just after SATURN and URANUS rose above the eastern horizon, and exactly as Jupiter reached the upper meridian. The seismic effects of the rare conjunction before-mentioned were, therefore, brought into operation by Mars forming the contra-parallel with Saturn (lying between the parallels of Saturn and Uranus); when the Moon, Saturn, and Uranus ascended nearly together in the sign Scorpio, and Jupiter culminated. Moreover, as at the earthquake at Hereford, on the 17th of December, 1896, the Moon formed the contra-parallel of declination with the Sun.

There is reason to apprehend further shocks of earthquake in September and about the middle of November next, about 7° or 8° east of Calcutta, in Burmah, where Saturn and Uranus will be culminating at the moment of their third conjunction on the 9th of September.

It is curious to relate that finding Saturn and Uranus in the third house at the moment—10^h 16^m 28^s a.m., of June 21st, 1897—of the SUN'S ingress into *Cancer* (summer solstice) at Calcutta, we wrote (last July) that: "Some Indian railway is likely to suffer through an accident and depression of stock."† The Assam-Bengal railway has been so damaged by the earthquake that it is expected that it will take two years to thoroughly restore it. In order that the student may readily cast the figure for this Ingress at Calcutta, we may state that *Gemini* 5° 39' is culminating, the Moon is in *Pisces* 20° 56', Mercury in *Gemini* 7° 58', Venus in *Taurus* 15° 35', Mars in *Leo* 19° 32', Jupiter rising in *Virgo* 4° 33', Saturn in *Scorpio* 25° 11', and Uranus in 25° 43' of the same sign, and Neptune in *Gemini* 19° 24'.

Capricornus is the sign ruling India, and *Libra*, its meridional sign, rules the eastern parts of India. Now, on the 6th of April, 1894, an annular eclipse of the SUN took place in *Aries* 16° 20' 21', the great luminary having the parallel declination and nearly the opposition with SATURN in the sign *Libra* 22° 15' retrograde. This eclipse was visible in India, the line of central eclipse passing very near to Calcutta; and as the eclipse continued more than three hours (from beginning to end), the effects last for three years and more. From this eclipse we foretold that: "Drought, scarcity of food and of sheep, and locusts will afflict many parts of Asia."‡

When will seismologists open their eyes to the fact of planetary influence on the earth, its atmosphere, and inhabitants?

Further news comes to hand that at Goalpara, on the Brahmaputra, the earthquake was accompanied by a tidal wave, which destroyed the bazaar and all pakka buildings. The country is covered with fissures, from which mud and sand spurt. The river bank has subsided, the country is flooded, and the crops are ruined. Gouhati is laid in ruins. The roads are broken up into chasms, and the railway has disappeared. At Shillong the shocks of earthquake were so severe and prolonged that everything was levelled to the ground; Mr. McCabe was killed, and Mr. Cotton and his wife had narrow escapes.

The deepest sympathy of all Britons is evoked for the sufferers from the earthquake, the famine, and the plague in India.

In France a destructive cyclone and floods, in June, have marked the influence of the important conjunction of SATURN with URANUS in *Scorpio*. In our own country spells of intense cold and destructive storms have marred the greater part of June.

Shakespeare wrote:—

“ When the planets,
In evil mixture, to disorder wander,
What plagues! what portents! what mutiny!
What raging of the sea! shaking of the earth!
Commotion in the winds.”

ON PRIMARY DIRECTIONS.

PRIMARY DIRECTIONS have been already explained at p. 85 of STAR-LORE for June.

I.—As an example, let us first take the direction of the SUN to *conjunction* with VENUS, mundo, converse, in the nativity of H.M. Queen Victoria (vide p. 83). The data required for the process are to be found in the speculum or table appended to the nativity.

RULE.—As the semi-arc of VENUS is to that of the SUN, so is the meridian distance of VENUS to the second distance. Subtract the second distance, thus found, from the SUN'S meridian distance, and the remainder is the *arc of direction*.

Example.—By proportion: As $100^{\circ} 43'$ to $118^{\circ} 0\frac{1}{2}'$, so $80^{\circ} 41'$ to $94^{\circ} 32'$, the second distance. Then, $115^{\circ} 21' - 94^{\circ} 32' = 20^{\circ} 49'$, the arc of direction.

† Vide *Zadkiel's Almanac* for 1897, p. 53.

‡ Vide *Zadkiel's Almanac* for 1894, p. 52.

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This process may be quickly worked by proportional logarithms, by addition, thus :—

As 100° 43'	prop. log.	·25217	
			(a.c.) 9·74783
To 118° 0½'	·18336	
To 80° 41'	·34849	
			= ·27968
⊙ M.D.	115 21		

20 49 = Arc of direction, ⊙ ♂ ♀ m., con.

In order to find when this direction will take effect, convert the arc of 20° 49' into time by taking each degree of arc to represent 1 year of life, and every 5' in excess to give 1 month. Thus 20° 49' = 20 years 10^m of age, or March, 1840.

This was the marriage direction, as Zadkiel I declared that it would prove to be, when writing on the nativity of the Princess Victoria, in 1830 (vide Zadkiel's *Herald of Astrology* for 1831, p. 64). The Queen was married on the 10th of February, 1840 (arc = 20° 43').

II.—Let the Ascendant be directed to the quartile of MERCURY. in the zodiac.

RULE.—Find the oblique ascension of the longitude in which the aspect falls, and the difference between it and the oblique ascension of the ascendant gives the arc of direction.

Example.—The quartile of Mercury falls in 8° 56' of the sign *Leo*. By means of the Tables of R. A. and Declin. given in the appendix to vol. i. of the "Text-Book of Astrology," we find that the R. A. of Ω 8° 56' is 131° 22', and the declin. 18° 3' N. By adding the logarithm tangent of this declin. to the log. tang. of the pole of the ascendant (which is the geocentric latitude of the birthplace, viz. 51° 18' 46") we obtain the logarithm sine of the ascensional difference, which is to be subtracted (as the declin. is north) from the R. A. to find the oblique ascension of the aspect, thus :—

Log. tang. of 51° 18' 46"		10·0964841	
" "	of 18° 3'	9·5130641	
			= 9·6095482
" sine of A. D. 24° 1'		131° 22'	
R. A. of Ω 8° 56'		- 24 1	
			= 107 21
Obl. Asc. of aspect		- 34 40	
			= 72 41
Asc. of Asct. of □ ♃ z., d.			

[Obsn.—The oblique ascension of the ascendant is found by adding 90° to the right ascension of the meridian, thus : 304° 40' 21' + 90° = 394° 40' 21". As this exceeds 360° subtract this amount, and the obl. asc. of the asc. is 34° 40' 21".]

III.—The direction of SATURN to the SUN, in the zodiac, is computed thus :—

RULE.—Find the latitude of Saturn, in the *Ephemeris*, when the planet arrives at the place of the Sun. With this lat., find the R. A. declin., and semi-arc of Saturn, when he arrives at the place of the Sun (2° II 7'). Then say : As Saturn's semi-arc is to his semi-arc at conjunction, so is his merid. dist. to his second distance. The second distance subtracted from the merid. dist. of the place of the conjunction, gives the arc of direction.

Example.—Saturn's latitude on arrival at 2° 7' of *Gemini* is 1° 51' south.

	R. A.	Declin.	
	60° 24	19° 5' N	10.09648
Add 360			log. tang. 9.53902
	420 24	AD. 25° 36' =	9.63550
- 304 40	- 304 40	+ 90	
M.D. 115 44		115 36	Semi-arc.
	As Semi-arc of η , 86° 59',	prop. log.	.31584
			(a. c.) 9.68416
	To Semi-arc of conj., 115° 36'	,,	.19401
	To Merid. dist. of η , 55° 2'	,,	.51465
	To Second dist. of η , 72° 51'	=	.39282
		115° 44'	
	Arc of $\eta \odot \odot =$	42 53	

This direction of $\eta \odot \odot$ zod., d. cum lat. 42° 53' accounts for the death of the worthy Prince Consort, in the 43rd year of the life of Her Majesty Queen Victoria.

These examples show that these primary directions can be worked out by any educated person who will take a little trouble to study them.

Under the direction of the SUN to VENUS, the Queen made a very happy marriage in her 21st year, as foretold. Under the direction of SATURN to the SUN, Her Majesty was plunged into the deepest grief by the death of her loving and talented husband, as foretold.

The truth of astrology and the reliability of the Placidian system of computing primary directions is hereby demonstrated. Placidus published and delineated his discovery of the true

system 250 years ago—in the year 1647. Finding that the Arabian system of secondary direction was unreliable and inadequate, his research and patient investigation led him to the discovery of the semi-arc system, which he proved to be reliable by the many nativities he published of kings and men of exalted rank. Moreover, his example was followed by Zadkiel I. and Oxley, and the writer, who have published, successively, many scores of nativities of remarkable people. Yet there are several “modern astrologers”—almost without exception imperfectly educated and incapable of grasping and appreciating the Placidian system—who revert to the unreliable Arabian system and delude their followers by passing off secondary directions as of primary importance, whereas they are purely supplementary to the Placidian directions, and scarcely worth consideration. Their cheap and easy “Guides” are written to please the half-educated and the lazy, who will not take the trouble to master the semi-arc system.

Opponents are presented by such blunderers with a false, misleading, and mean representation of genethliacal astrology—*e.g.*, the account in the *Morning Leader*, recently, of an interview with a Bouverie Street “modern” astrologer, who, bye-the-bye, did not scruple to palm off as his own a prediction made by another.

Students are earnestly advised not to waste their time on secondary directions.

DEATH OF MR. B. I. BARNATO.

Mr. Barnato committed suicide in the afternoon of June 14th, by leaping overboard from the steamship “Scot”—in which vessel he was returning to England—off Madeira. At the inquest, the jury returned a verdict of suicide while temporarily insane. It is said that his mother suffered from mental aberration, after middle age.

The late Dr. B. W. Richardson, in his lecture on the Anatomy of Suicide, stated that: “The Teutonic race is more disposed to suicide than any other, it being rare among the Jews, the coloured African races, and Tauranians. The nervous and lymphatic temperaments are most disposed to suicide. Then as to causes. There were the insane who killed themselves in a delirium; the melancholic, who had the tedium vitæ; the monomaniacs, who desired to die; while heredity was a strong predisposing cause sometimes.”

In FUTURE, February, 1892, we stated that the nervous and lymphatic temperaments are found in Mercurial and Saturnine people. The insane who kill themselves in a delirium are those

who are born under the combined influences of the Moon or Mercury, and Mars, or Mars and Saturn.

Cardan wrote that "those who have the Sun and Moon afflicted in angles will be apt to commit suicide," and "Mercury mixing his beams with Mars is a great argument of a violent death."

In STAR-LORE for March we gave Mr. Barnato's horoscope, the late financier having kindly informed us, at our request, through his private secretary, that his birth took place at 5^h a.m., of July 5th, 1852. Reference to the horoscope shows that Mr. Barnato was born under the combined influences of the Moon, Mercury, and Saturn, because *Cancer*, the lunarian sign, was ascending, Mercury was nearest the ascendant, less than 7 deg. above it, and the Moon was in mundane parallel with Saturn in the 11th house. Jupiter had also great influence by reason of his trine aspect with the Sun and mundane parallel with the Moon. The sextile of the Sun with Mars greatly counteracted the nervous temperament induced by the combined influences of Mercury, the Moon and Saturn. We certainly did not anticipate that Mr. Barnato would commit suicide. Had he not over-excited his brain with his manifold speculations and responsibilities—had he been content with the large fortune he accumulated instead of striving after greater success in a manner calculated to damage the clearest brain and the strongest nervous system—he might have been still alive to enjoy all that his wealth could procure for him. Under evil "primary directions," his brain gave way under the strain of continuous excitement and anxiety, following an injury to his head.

At page 31 of STAR-LORE for March, we gave a list of the arcs of direction operating in his 45th year, and advised Mr. Barnato to "act warily in speculative transactions, and avoid dangerous places this spring and next winter."

The ascendant was "hyleg" at his birth, as the Sun was 15° above the eastern horizon (measured by oblique ascension), and the Moon was just upon 5° below the cusp of the 9th house. The arc for death at 44 years 11^m = 44° 56', and the arc of Ascendant opposition Moon, in the zodiac, measures 44° 48', being preceded by Midheaven conjunction Saturn, zodiac, 44° 42'. These were the fatal directions, and they were rendered still more serious by the conjunction of Saturn with Uranus on the 6th of January in *Scorpio* 27° 40' 4", when the Moon was in *Aquarius* 24° 16', i.e. close to her place at Mr. Barnato's birth and in quartile with the conjoined planets; and again on the 1st of June, the second conjunction of the same planets, retrograde, in *Scorpio* 26° 26' 4", exactly in quartile aspect with the place of the Moon, in *Aquarius* 26° 54', at birth, and in quadrature with the place 26° 54' of *Leo*, to which the ascendant had

arrived by direction (by oblique ascension in the zodiac), Mercury being also in quadrature with the same points from *Taurus* 26° 4'. Mr. Barnato set out on his fatal voyage on the day following, viz., the 2nd of June.

In the "Text-Book of Astrology," vol. I. p. 235, it is stated that the direction of Asect. δ) is apt to produce "ill health, etc., according to the position of the Moon in the horoscope; a bad time for travelling by land or sea."

It is evident from Mr. Barnato's horoscope that the fixed stars near the ecliptic have great influence when in conjunction or zodiacal parallel with the Sun or Moon. The Moon in this horoscope has the exact parallel of declination with the martial star Aldebaran and nearly with Sirius, and the ascending degree is nearly so with the north Assellus, a martial star.

It is worthy of consideration that Neptune in Pisces (a sign of the "watery" triplicity), in the 9th house (that ruling sea-voyages), is rendered evil by opposition with Mars, and receives the application of the Moon.

To his credit, Mr. Barnato stood by his old associates, and provided for poor relations, and was very generous to his co-religionists. His tragic death awakens the sympathy of all kindly natures with Mrs. Barnato and her children.

THE ORBS OF THE PLANETS,

BY NEMO.

To test the orbs of the planets, which are variously stated, I have for some years studied the aspects in solar and lunar revolutions; but only noting those where the cause and effect were unmistakable. This is the result.

- (1) ♃ in ♈ 14° 33' and ♀ in ♌ 20° 40' acted; i.e. 7° 7' apart from Δ
- (2) ♃ in ♈ 14° 39' and ♃ in ♌ 6° 21' acted; i.e. 8° 18' apart from Δ
- (3) ♃ in ♈ 21° 4' and ♀ in ♈ 28° 30' acted; i.e. 7° 26' apart from \ast
- (4) ♃ in ♈ 27° 0' and ♃ in ♈ 6° 36' acted; i.e. 9° 36' apart from Δ
- (5) ♃ ♄ ♀ , but 7° 22' apart, acted.
- (6) ♃ in ♈ 14° 8' and ♀ in ♈ 8° 40' acted; i.e. 5° 28' apart from Δ
- (7) ♃ in ♈ 2° 4' and ♀ in ♌ 10° 37' had no action, being 8° 33' apart from Δ

I have seen no action in solar or lunar revolutions from aspects whether the \ast or \square , unless very close.

♃ in ♈ 21° 13' and ♃ in ♈ 5° 46' acted; i.e. 27' apart from \square

THERAPEUTICS AND ASTROLOGY.

LUNAR influence on disease and on medicaments is recognised by Dr. H. Gross in his "Comparative Materia Medica." He contrasts the symptoms which are aggravated at the new or full moon. We find that the following medicines are curative of symptoms thus affected by the Moon.

Aggravation during NEW MOON :—Causticum, cuprum, lycopodium, sassaparilla, and sepia.

Aggravation during FULL MOON :—Belladonna, cyclamen graphites, natrum carbonicum, natrum mur., nitrum, spongia, and sulphur.

Aggravation during NEW or FULL MOON :—Calcarea carb., sabadilla, and silica.

During the *increase* of the Moon :—Cinchona, rhus tox.

During the *decrease* of the Moon :—Dulcamara.

Complaints from moonlight :—Thuja.

It is also observed that the following medicines are curative of symptoms aggravated just before a thunderstorm :—Bryonia alb., lachesis, petroleum, phosphorus, and rhododendron.

Dr. Constantine Hering, in his "Condensed Materia Medica," states that calcarea ostrearum is homœopathic to nervous symptoms which are "worse during SOLSTICE and FULL MOON."

He finds that Lycopodium produces symptoms "worse in the spring." The late Dr. C. T. Pearce found that this remedy acted best, curatively, when administered in the autumn.

These points should be borne in mind by physicians when prescribing. As Dr. Hering rightly says : It is very cheap to sneer at them, but such "critics" have no right to call any easy process of this kind "reasoning."

At Hastings the inaugural stone of the Harbour was laid by Lord Dufferin about 2^h p.m. of the 16th of June. We trust that the exact moment was observed by some student at Hastings. It would seem that either the last decanate of *Cancer* or the middle of *Libra* rules the town, most probably the former sign.

Loss of the "Aden."—The steel screw steamer "Aden," of the P. and O. Company, was wrecked off the island of Socotra, near the entrance to the Gulf of Aden, on the 9th of June, about 78 lives being lost by the sad disaster. It is stated that the "Aden" was launched at Middlesborough on the 5th of October, 1891, time not given. On that day, the Sun was in parallel declination with both Mars and Saturn, and Mercury was very near Saturn—an evil day to launch a vessel! This is an additional instance of the penalties paid for the neglect of astrology.

NOTES.

Her Majesty, Victoria R. et I., was born when the Moon had just risen with the Sun in the sign *Gemini*. This accounts for Her Majesty so frequently travelling and changing her residence.

Queen Caroline had the Moon in the ascendant in *Gemini*, in quartile with Mars in *Pisces*, and in trine with Jupiter in *Libra*; and frequent change of residence marked her life.

Zadkiel I. had the Moon in the beginning of *Gemini* in the 10th house, in semi-quartile with Mercury, applying to conjunction with Saturn and trine with Jupiter. He travelled much, and continually changed his residence.

We trust that every one of our readers will order a copy of "A Royal Commission's Arithmetic, a Criticism of Vaccination Statistics, and a Plea for Fresh Figures and Fair Inferences," by Alexander Paul, Esq., published by Messrs. King & Son, 12, King Street, Westminster. The pamphlet is very cheap at sixpence, it is most instructive in many ways, and is the work of a clever writer, and an able statistician. It is proved, from the figures published by the majority of the Royal Commission, that the lowest fatality from small-pox corresponds with the greatest neglect of vaccination.

In 1784, the British Government offered a reward of £20,000 to anyone who could discover how to find the longitude of places at sea within 30 mile. Mr. Harrison won the money, and the result was that Capt. Cook was enabled to sail round the world. But when astronomical measurements were made applicable for determining time and periods of history, with greater, and indeed absolute precision, Mr. Gladstone refused a grant of £150 for the expenses, and to this day not a shilling has been contributed from any public source. The Royal Society receives yearly from Parliament £6,000 for scientific research, but thrice refused a small grant for construction of instruments. Why are they afraid of useful work? It will live when they and their ideas are buried.—Vide "All Past Time," by J. B. Dimpleby.

"Men have often been misled by hasty conclusions. Even mathematicians have been embarrassed for years. For example, it was known that according to the law of gravitation, the line of the Moon's apsides ought to move round once in 18 years; but observation shows that the movement is accomplished in half that time. In like manner 8,000 years may become 4,000.

"Alexander conquered Babylon at the end of 3,672, when he saw eclipse records for 1,903 years dating from the commencement of the Kingdom just after the Dispersion, or confused tongues, 1,770."—*Ibid.*

LOOKING FORWARD.

PEACE has not yet been concluded between Turkey and Greece; in fact the situation in the East is still very critical, to the surprise of those who wrote a month ago that "the war is over." The Turks are still sending reinforcements and ammunition into Thessaly, notwithstanding the "determined attitude of the Ambassadors of the Great Powers."

The presence of JUPITER in *Virgo*, the sign ruling Turkey and Thessaly, is promising for reform, but it is not a guarantee that reform will be effected peacefully and without recourse to force. In the year 1882, JUPITER in *Gemini*, the sign ruling Lower Egypt, did not prevent the bombardment of Alexandria on the 11th of July, that year, the storming of Tel-el-Kebir, and the capture of Cairo, in September; this war being pre-signified by the ascending position of MARS at the total eclipse of the SUN at Cairo on the 17th of May, 1882. The star of Reform—Jupiter—is not always a guarantee of peace to the countries ruled by the sign through which it may be passing at any time.

The CONJUNCTION of MARS with JUPITER in *Virgo* 10° 21' 14", on the 25th of July, takes place close to the meridian at Constantinople, and is therefore a warning of fanatical excitement, and danger of attacks on Europeans by Turks. If peace be not concluded *before* this conjunction takes place (and it is by no means certain that it can be effected so soon), the renewal of war seems well-nigh unpreventable. If peace be concluded, then an outbreak of fury against Europeans is to be apprehended.

At the NEW MOON of the 30th of June, at LONDON, Mars is in the fourth house, pre-signifying heat and drought, a great conflagration, foreign complications, and difficulties to our Government. At WASHINGTON, Mars in the seventh house threatens strained foreign relations. American railways will improve traffics as Venus is in the third house, but there will be some sharp relapses in railway and other Stocks. At CALCUTTA Mars rises, and Saturn and Uranus are in the fourth angle. There is reason to apprehend some fanatical attacks on British officials in the Bengal and Bombay Presidencies. [Our readers will remember that at p. 95 (June edition) we warned the authorities against fanatical outbreaks at the beginning of July.] A renewal of shocks of earthquake is to be feared, about the 10th and 14th of July, in the vicinity of Calcutta.

Mount Vesuvius was in eruption in June, as foretold at p. 15 of *Zadkiel's Almanac* for 1897.

CORRESPONDENCE.

H.M.—You will find at pp. 57—62 of *Zadkiel's Almanac* for 1885, the horoscope of Prince Leopold, and the primary directions which were the (astrological) cause of his early death. In "Astrology as It Is and Not as Has Been Represented," by a Cavalry Officer, published in 1856, the converse zodiacal directions were omitted, and the equation of the arcs was made by right-ascension instead of by the true equation of 1 degree of arc = 1 year of life.

SUBSCRIBER writes expressing his surprise that in "Borderland" so much prominence is given to the writings of astrologers who know so little of the science that they confine their attention to secondary directions, thus affording a very poor sample of what true astrologers can accomplish. Our correspondent should write to the Editor of *B.* on the subject.

STUDENT.—We have complied with your request by giving a Table of Neptune's geocentric longitude and latitude for the year 1860 in this edition. We will give tables of houses, in addition, when the circulation of STAR-LORE is increased. HIGHBURY writes—"Having given considerable attention to this subject, I submit you the following predictions for the month of July, and believe that if they are intelligently and systematically followed by your sporting readers, STAR-LORE will be, for them, a profitable investment."

THE PRESS.

The <i>Daily Telegraph</i> tips well on the	8, 9, 10, 12,
	16, 17, 20, 27
The <i>Standard</i> tips well on ...	9, 10, 15, 17, 22, 27
The <i>Sportsman</i> tips well on	9, 10, 12, 13, 15, 27, 28
The <i>Sporting Chronicle</i> one-horse nap selection most probably wins on the	1, 5, 7, 15, 16, 17, 19, 20, 23, 28
The <i>Daily Mail</i> nap selection on the ...	6, 7, 17
The <i>Racing World</i> nap selection on the ...	13, 14, 20
The <i>Jockey</i> nap ...	1, 13, 28
<i>Gale's Special</i> one-horse	1, 7, 13, 14, 20, 22, 23, 28, 31
The <i>London Star</i> nap	12, 23, 26

TRAINERS.

W. E. Elsey should win on ...	1, 2, 3, 6
Golding	3
Sadler	3
F'Anson	3, 5, 6, 7
Powney	19
Wadlow	22 and 23
T. Leader	23
J. Porter	28, 29, 30, 31

JOCKEYS.

M. Cannon does well on 6, 14, 15, 20, 21, 28 to end.
 And perhaps from 1 to 6 also.
 Rickaby rides well between June 30 and July 2.
 Chandley „ on July 2 and 3.
 Calder „ on July 1 and 2, 21, 22, 23.

CHANGE OF AIR.

The time of year is now rapidly approaching when families and jaded business-men leave town for the sea-side or a visit to the Continent. Invalids are advised by consulting physicians to go to certain health-resorts. If astrology were now studied by physicians, as it was until the eighteenth century was well advanced, invalids would be better advised by them whither to go. Recently we met with an instance in which a lady in delicate health was advised to resort to Brighton for the season. Her state at that seaside town quickly became worse than it was in London. The reason is obvious on examining her horoscope, for Saturn was rising in *Aquarius* (the sign ruling Brighton) in opposition to the Moon in the seventh house, at her birth. Had her medical adviser understood astrology, or recommended her to apply to Zadkiel for advice before going to Brighton, the lady would have been dissuaded from going thither.

In another instance a family went to a certain town ruled by the sign in which two of the children had Saturn located at their births, and they were soon attacked with a dangerous illness.

Days on which no journey for health should be begun are:—
 July 10th, forenoon of 17th, 21st, 23rd, or 31st. August 6th, 12th, 17th, forenoon of 20th, and 26th.

Those who were born on the 16th of November, or when the Moon or ascendant held the 25th degree of the sign *Scorpio*, are advised to make no change whatever in the last week of July, when Saturn will be *stationary* in the sign *Scorpio* 24° 7'.

Daubenay in a speech before the Royal Society said:—"If the direction of a rod of steel hung a few feet from the earth, can, as proved by Col. Sabine, be influenced by the position of a body like the Moon 200,000 miles from our planet, who can accuse of extravagance the belief of the ancient astrologers in the influence of planets on the human system."

Yet nearly every scribbler of the press delights in ridiculing the ancient universal belief in planetary influence.

THE RULING SIGN OF PARIS.

VIRGO is the ruling sign of PARIS. In STAR-LORE for June (p. 42), we remarked on the singular fact that the MOON was in *Virgo* 28° 34' and in quartile with MARS in *Gemini* 28° 35', in the eighth house, at the moment of the full moon on the 18th of March, 1897, just before the Vernal Ingress, thus pre-signifying the appalling fire on the 3rd of May.

At the Vernal Ingress of March 21st, 1871, viz., at 1^h 29^m a.m. at Paris, we find the MOON in *Pisces* 28° 42' in exact *opposition* with MARS in *Virgo* 28° 47' retrograde. The terrible rebellion of the Communists broke out on the 18th of March, and continued throughout April 1871, in Paris.

It would thus seem that the 29th degree of *Virgo* is the true ascendant of Paris, or very close indeed to it.

The excesses of the Communists were fiendish; they assassinated three generals who fell into their hands, and formed a band of pétroleuses for the purpose of destroying public buildings. The 18th of March was the very day on which the violent Mars retrograded from *Libra* into the sign *Virgo* (vide *Zadkiel's Ephemeris* for 1871). The bloodshed and murder continued until Mars left the sign *Virgo*; the cruelty of the Communists being almost surpassed by those of the Government troops.

EMILE ZOLA.

The clever author Emile Zola was born at Paris on the 2nd of April, 1840, at 11 o'clock p.m., when the beginning of the sign *Sagittarius* was ascending; the Sun, Moon, Mercury and Mars were in the fourth house and in *Aries*; Saturn was in the first, retrograde in *Sagittarius*; Venus was nearly in conjunction with Uranus in *Pisces*; and Jupiter was on the cusp of the twelfth house in *Scorpio* 17° 28', retrograde.

A correspondent informs us that a contemporary has published a horoscope of Zola drawn for 11 o'clock in the forenoon! Whereas the *acte de naissance* clearly states "*onze heures du soir.*"

The student should cast the horoscope and compute the primary directions for Zola's 24th to 30th years. His first book was published in October, 1864; he began his first novel in May, 1869, and he married in July of the same year. We have not yet had time to make these calculations.

As a boy, Zola was shortsighted, stammered and rather indolent. He likes music, but has no ear for it.

The familiarity of Venus with Uranus by conjunction and Mars by zodiacal parallel, is remarkable seeing that Zola's writings deal largely with the gross life of Bohemian natures.

Zola received the honour of being made an officer of the Legion of Honour, on the 14th of July, 1891.

ORIENTALITY OF THE PLANETS.

A correspondent asks for a clear definition of the orientality of the planets, for he finds that the rules in the *Tetrabiblos* are so confusing that it would appear that a major planet might be oriental of the Sun and yet occidental in the horoscope.

This confusion arises from authors omitting to state whether reference was made to the Sun or to the midheaven, when writing of a planet being "oriental."

The planets Mars, Jupiter, Saturn, Uranus and Neptune are oriental of the Sun when they rise before the Sun. For instance, in Queen Victoria's horoscope Mars, Jupiter, and Saturn are oriental of the Sun—and also of the midheaven. Wilson wrote that "the three superiors—♂ ♃ and ♄—are oriental when matutine, which matutine station will extend to the point of their perigee."

It is rational to consider a superior planet oriental when it rises before the Sun; and occidental when setting before him. When a planet is between the ascendant and upper meridian, it is oriental of the midheaven. When a planet is between the upper meridian and descendant, it is occidental of the midheaven.

The Sun is oriental from the moment he has passed the lower meridian (about midnight) to that at which he attains the upper meridian, (about noon).

The Moon is oriental of the Sun when increasing and occidental when decreasing in light, according to Lilly. In the *Tetrabiblos* it is stated that the Moon is oriental from the change to the first quarter, and occidental when in either of the other two quarters. Seeing that the term oriental is derived from *oriens*, the east, but that *oriens* is itself derived from the Hebrew word for *light*, the author of the *Tetrabiblos* is evidently at fault, for orientality is only another expression for brightness, and was applied to the East because the Sun and planets rise in that quarter of the heavens. The Moon must be regarded as oriental when she is in that part of her orbit in which she *increases* in light.

"The planets Mercury and Venus are oriental when vespertine because they then have a greater degree of light, in which their influence consists," wrote Placidus.

According to the *Tetrabiblos*, when the Sun, at birth, is attended by planets oriental of him, or the Moon by planets occidental of her, at a distance not exceeding three signs, it is an indication of prosperity: certainly Her Majesty's horoscope coincides with this view. Still, the idea seems fanciful, appertaining as it does to the ancient Eastern system of astrology which was superseded by that of Placidus.

NEPTUNE, Ψ , 1860.

(GREENWICH MEAN NOON.)

Date.	Long.	Lat.	Declin.	Date.	Long	Lat.	Declin.
Jan. 1	24 \times 34	1 16 S	3 19 56 S	July 4	29 \times 24	1 19 S	1 26 53 S
" 6	24 39	1 16	3 17 50	" 9	29 R 23	1 19	1 27 26
" 11	24 44	1 16	3 15 26	" 14	29 22	1 20	1 28 18
" 16	24 51	1 16	3 12 44	" 19	29 20	1 20	1 29 28
" 21	24 58	1 16	3 9 45	" 24	29 16	1 20	1 30 56
" 26	25 6	1 16	3 6 32	" 29	29 13	1 20	1 32 40
" 31	25 14	1 16	3 3 4	Aug 3	29 8	1 21	1 34 41
Feb. 6	25 23	1 16	2 52 24	" 8	29 3	1 21	1 36 56
" 10	25 32	1 16	2 55 32	" 13	28 57	1 21	1 39 25
" 15	25 43	1 16	2 51 30	" 18	28 51	1 21	1 42 6
" 20	25 53	1 16	2 47 20	" 23	28 44	1 21	1 44 58
" 25	26 4	1 15	2 43 3	" 28	28 37	1 21	1 48 0
March 1	26 15	1 15	2 38 40	Sept. 2	28 29	1 22	1 51 8
" 6	26 26	1 15	2 34 13	" 7	28 21	1 22	1 54 23
" 11	26 37	1 15	2 29 44	" 12	28 13	1 22	1 57 42
" 16	26 48	1 15	2 25 14	" 17	28 5	1 22	2 1 2
" 21	27 0	1 15	2 20 45	" 22	27 56	1 22	2 4 23
" 26	27 11	1 15	2 16 17	" 27	27 48	1 22	2 7 42
" 31	27 22	1 15	2 11 54	Oct. 2	27 40	1 22	2 10 57
April 5	27 33	1 16	2 7 36	" 7	27 32	1 22	2 14 6
" 10	27 44	1 16	2 3 24	" 12	27 24	1 22	2 17 8
" 15	27 55	1 16	1 59 20	" 17	27 17	1 22	2 20 1
" 20	28 5	1 16	1 55 26	" 22	27 10	1 22	2 22 43
" 25	28 15	1 16	1 51 42	" 27	27 3	1 22	2 25 12
" 30	28 24	1 16	1 48 10	Nov. 1	26 57	1 22	2 27 26
May 5	28 33	1 16	1 44 51	" 6	26 52	1 21	2 29 25
" 10	28 41	1 17	1 41 46	" 11	26 48	1 21	2 31 7
" 15	28 48	1 17	1 38 56	" 16	26 44	1 21	2 32 31
" 20	28 55	1 17	1 36 22	" 21	26 40	1 21	2 33 37
" 25	29 2	1 17	1 34 4	" 26	26 38	1 21	2 34 22
" 30	29 7	1 18	1 32 4	Dec 1	26 37	1 21	2 34 48
June 4	29 12	1 18	1 30 23	" 6	26 36	1 20	2 34 52
" 9	29 16	1 18	1 28 59	" 11	26 36	1 20	2 34 36
" 14	29 19	1 18	1 27 55	" 16	26 D37	1 20	2 34 0
" 19	29 22	1 19	1 27 10	" 21	26 39	1 20	2 33 2
" 24	29 23	1 19	1 26 45	" 26	26 42	1 20	2 31 44
" 29	29 \times 24	1 19 S	1 26 39 S	" 31	26 \times 46	1 19 S	2 30 6 S

N.B.—Tables of Neptune were given in URANIA, 1860, and FUTURE, 1892-94.

URANIA and FUTURE, with the exception of a few numbers which are out of print, may be had of the Editor, 18 numbers for 10/6; the last ten numbers of FUTURE contain Tables of Houses for several large towns in England, and on the Continent.