Astro-historical timeline 5:
Age of Light and Dark - Earlier

Waxing Neptune-Pluto hemicycle 411-657 CE

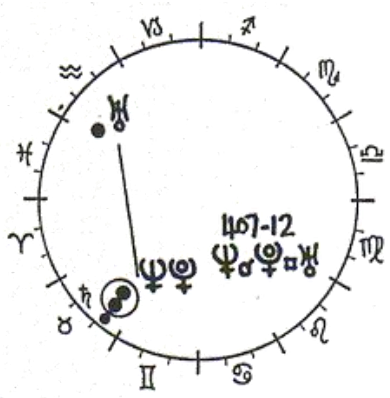
Key:
* = a period of change or a general trend
? = an uncertain date

+411	ROME: Augustine's book "City of God" (written on fall of Rome)	**411 NE CONJ PL** Ta Ta	
+	IBERIA: Sueves found a kgdm in Galicia (411-585)	411 Sa CONJ NE Ta Ta	
+	ITALY: Alaric dies en route to Tunisia, to find Visigoth home; Ataulf leads Visigoths to Spain		
+	412 NW EUROPE: withdrawal of troops and weakening of Roman administration in Britain & Gaul	411 Sa CONJ PL Ta Ta	412 UR Pi
+	* C AMERICA: building begins of TEOTIHUACAN CIVILISATION (Mexico, 400-600)	**412 NE CONJ PL** Ta Ta	
+413	JAPAN: Japan opens direct relations with China (adopting Chinese calligraphy & cultural ways)		
+			
+414			414 NE Ge
+			
+415			415 NE Ge
+			
+416	IBERIA: Visigoths conquer Vandal kingdom in Spain		
+			
+417			
+			
+418	* FRANCE: Franks & Visigoths move into parts of France		418 PL Ge
+			
+419	FRANCE: Visigoths found Kingdom of Toulouse under Theodoric I (419-51) (treaty with Romans)		419 UR Ar
+			419 PL Ge
+420	CHINA: Liu Sung Dynasty (420-79) succeeds Eastern Chin at Nanking	420 UR -sxt PL Pi Ta	420 PL Ge
+	CHINA: Wei dynasty of Toba kingdom predominates	420 Sa OPPN UR Li Ar	420 UR Ar
+421		421 UR -sxt PL Ar Ge	
+		421 Sa OPPN UR Li Ar	
+422		422 Sa OPPN UR Li Ar	
+			
+423			
+			
+424	PERSIA: Council of Dad-Ishu: Eastern Church declares independence of Rome & Byzantium		
+			
+425		425 UR -sxt NE Ar Ge	
+		425 UR -ssq PL Ar Ge	
+426		426 UR -sxt NE Ar Ge	
+		426 Sa OPPN PL Sg Ge	
+427	MED'N: Imperial protection of Jews ends; pogroms follow, many Jews retreat to Persia	426 UR -ssq PL Ar Ge	427 UR Ta
+		427 UR -sxt NE Ar Ge	
+428	IBERIA: Gaiseric, king of the African Vandals (428-477)	427 Sa OPPN PL Sg Ge	428 UR Ta
+	C ASIA: Hsiung Nu (Ephthalites) invade Transoxiana & Khorasan (threatening Persia) (428-50)		428 NE Cn
+429	BRITAIN: Picts & Scots ejected from England by Saxons, Jutes & Angles, invited by Vortigern	429 Sa OPPN NE Cp Cn	429 NE Cn
+	N AFRICA: Vandals invade Tunisia: wealthy Vandal kingdom lasts 429-533; Gaiseric takes Carthage 439		
+430	INDIA: foundation of Nalanda, principal Buddhist seminary (university) (430-988)	430 UR -ssx PL Ta Ge	
+	ROME: Aetius, minister to Velentinian III (virtual ruler of Western Empire) (429-454)		
+431	MIDEAST: 2nd Council of Ephesus rejects teachings of Nestorius (on human nature of Christ)		

+			
+432	BRITAIN: St Patrick begins his mission to Ireland (converting many chiefs, building churches)		
+			
+433	C EUROPE: Attila (the Hun) becomes chief of the Hsiung-Nu (Huns, 433-53)	433 UR -ssq NE Ta Cn	
+			
+434		434 UR -ssq NE Ta Cn	434 UR Ge
+			
+435			435 UR Ge
+			
+436	FRANCE: Hsiung Nu destroy Worms & kingdom of Burgundians; Burgundians settle in Savoie 443	436 NE +ssx PL Cn Ge	
+			
+437		437 NE +ssx PL Cn Ge	
+			
+438		438 NE +ssx PL Cn Ge	
+			
+439	* JAPAN: clans & chiefs lose power to centralising Emperor (influx of Chinese ideas & Koreans)	**439 UR CONJ PL** Ge Ge	
+	N AFRICA: Gaiseric the Vandal takes Carthage from the Romans (making it his capital)		
+440	BRITAIN: Angles and Saxons occupy coasts of East & SE England; last Romans leave England 436	**440 UR CONJ PL** Ge Ge	
+	ROME: Pope Leo I (440-461) (first authentic Pope, establishes Roman primacy & prestige)	440 UR -ssx NE Ge Cn	
+441	E EUROPE: Attila the Hun becomes sole ruler of Hsiung-Nu (441-53), advancing on E Roman empire	441 UR -ssx NE Ge Cn	441 UR Cn
+	EUROPE: final withdrawal of Roman legions & admin from Britain & Gaul		441 NE Le
+442	N AFRICA: Vandal king Gaiseric recognised as legit independent ruler of Carthage by Imp gov't		442 NE Le
+	N AFRICA: Berber revolts against Arian Vandals, suppressed		
+443	FRANCE: Germanic Alemanni settle in Alsace	443 Sa CONJ PL Ge Ge	
+			
+444	EUROPE: epidemic of bubonic plague	444 Sa CONJ UR Cn Cn	
+			
+445			445 PL Cn
+			
+446	CHINA: brief persecution of Buddhists by Northern Wei (Taoist-Confucian resistance)	446 Sa CONJ NE Le Le	446 PL Cn
+			
+447	GREECE: Attila the Hun & Hsiung-Nu stopped at Thermopylae		447 UR Le
+			
+448	BRITAIN: isolation from Med'n brings reversion of Irish Church to Celtic/Druidic ways	448 UR +ssx PL Le Cn	
+			
+449			
+			
+450	* AMERICAS: Moshica culture of Chimic indians in Peru; Mississippi valley culture		
+	* W EUROPE: migration of Britons to Brittany, to escape Saxon invasions in Britain		
+451	MIDEAST: Council of Chalcedon imposes relig orthodoxy (alienating Nestorians & Monophysites)	451 HALLEY'S COMET	
+	EUROPE: Huns (Hsiung Nu) stopped in Greece 447 (Thermopylae), by Franks in France at Chalons		
+452	EUROPE: Hsiung-Nu (Attila) attack N Italy	**452 UR CONJ NE** Le Le	
+	ITALY: Venice founded by refugees from Attila the Hun's campaigns	452 NE +ssq PL Le Cn	
+453	E EUROPE: on death of Attila, Hsiung-Nu retreat to Russian plains, disturbing Ostrogoths	452 UR +ssq PL Le Cn	453 UR Vi
+	* INNOVN: invention of the foot stirrup in China or Korea	**453 UR CONJ NE Le Le**	
+454	C EUROPE: revolt against Hsiung Nu (Huns) by Hungarian subjects	453 UR +ssq PL Le Cn	454 UR Vi
+		453 NE +ssq PL Le Cn	
+455	INDIA: Skandagupta, Gupta emperor of India (455-467) (repulses Hsiung-Nu from India)	454 NE +ssq PL Le Cn	455 NE Vi
+	ROME: Rome raided by Gaeseric and the African Vandals		
+456	E EUROPE: Ostrogoths begin migration from Danube, through Greece to Italy		456 NE Vi
+	* E EUROPE: slow migration of Slavs into the Balkans (from Belarus)		
+457	BRITAIN: Britons beaten by Saxon Jutes, Hengist & Horsa, Britons abandoning Kent	457 UR +sxt PL Vi Cn	
+	BYZANTIUM: Leo I, East Roman Emperor (457-474)		
+458		458 UR +sxt PL Vi Cn	
+			
+459			
+			
+460	IBERIA: Vandals destroy Roman fleet off Spanish coast	460 Sa OPPN PL Cp Cn	460 UR Li
+	* C ASIA: Ephthalite (White) Huns destroy Kushan lands, raid Sasanid Persia and attack NW India		
+461	FRANCE: Burgundy establishes a capital at Lyons		
+			

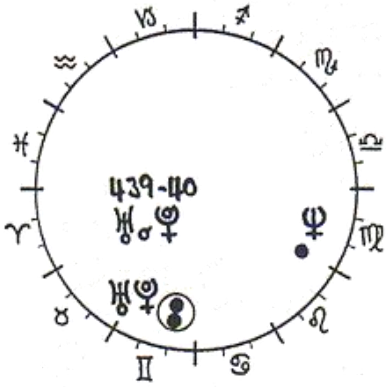
+462			
+			
+463			
+			
+464		464 UR +ssx NE Li Vi	
+			
+465		465 Sa OPPN NE Pi Vi	465 PL Le
+		465 UR +ssx NE Li Vi	
+466	@ CHINA: T'su Ch'ung-chi calculates first accurate value of Pi	**466 UR +SQR PL Sc Le**	466 UR Sc
+			
+467	*INDIA: repeating Ephthalite Hun invasions of N India (460-528)	**467 UR +SQR PL Li Cn**	467 PL Le
+			
+468	* RUSSIA: rise of the Khazar Khanate in Ukraine	**468 UR +SQR PL Sc Le**	468 NE Li
+		468 Sa OPPN UR Ta Sc	
+469	BYZANTIUM: Constantinople inundated by rain & floods, hundreds die	469 Sa OPPN UR Ta Sc	469 NE Li
+			
+470	EUROPE: Hsiung Nu withdraw from Europe	470 Sa OPPN UR Ta Sc	470 NE Li
+	* AMERICAS: growth of Mayan city civilisation in S Mexico		
+471	C EUROPE: Theodoric becomes King of Ostrogoths (with ambitions of Roman power)	471 UR +ssq NE Sc Li	
+			
+472			
+			
+473			473 UR Sg
+			
+474			474 UR Sg
+			
+475	GREECE: Theodoric & the Ostrogoths settle Macedonia (forcing Roman consent)		
+	EUROPE: climatic extremes bring plague of locusts to Europe, followed by famine		
+476	ROME: END OF THE WESTERN ROMAN EMPIRE; last emperor deposed & executed by Germans	476 Sa CONJ PL Le Le	
+	GREECE: Proclus, philosopher, heads Platonic Academy in Athens (leading Neo-Platonist)		
+477	BRITAIN: kingdom of Sussex founded; Wessex founded 495		
+	ITALY: Vandal Gaiseric sells E Sicily to Ostrogothic Theodoric		
+478	JAPAN: first Shinto shrines are built (effect of Buddhism on indigenous nature religion)	478 UR +sxt NE Sg Li	
+	INDIA: Budhagupta, emperor (477-95) (Gupta decline, later Guptas become rulers of Maghada, to 700s)		
+479	CHINA: Southern Ch'i dynasty (479-502) succeeds Liu Sung dynasty at Nanking	479 UR +sxt NE Sg Li	
+		479 UR +tri PL Sg Le	
+480	INDIA: Hsiung Nu tribes destroy the Gupta empire in north India	480 UR +tri PL Sg Le	
+			
+481	MIDEAST: Mamikonian gains political & religious freedom for Armenia (481-4)	481 UR +tri PL Sg Le	481 UR Cp
+	W EUROPE: Clovis ascends throne of Franks at age 15, founder of Frankish Merovingian line	481 Sa CONJ NE Li Li	481 PL Vi
+482		482 Sa CONJ NE Li Li	482 PL Vi
+483	PERSIA: Nestorian Christians tolerated in Persia, Persian Church draws exiles from Byzantium		482 NE Sc
+	PERSIA: Bar-Soma ests Nestorian doctrine of two natures in Christ (human & divine)		483 NE Sc
+	ROME: Ostrogoth Theodoric appointed Magister, then Consul		
+484	PERSIA: Hsiung Nu (White Huns) kill Sassanid Emperor in Persia, but Persian empire survives		
+	EUROPE: Schism between Church in East & West: Pope Felix III excommunicates Patriarch Acacius		
+485			
+			
+486	W EUROPE: Frankish Merovingian kgdm founded by Clovis (486-511, filling vacuum of Roman empire)		
+	FRANCE: Frankish Clovis defeats last Roman governor of Gaul		
+487	ITALY: Ostrogoths under Theodoric begin invasion of N Italy	487 UR +sqt PL Cp Vi	
+			
+488		488 UR +sqt PL Cp Vi	488 UR Aq
+			
+489	MIDEAST: Nestorians ejected forcibly from Edessa by Byzantines; settle in Persia 498	489 UR +sqt PL Aq Vi	
+			
+490	RUSSIA: Khazar khanate attacked by Persians (stimulating growth of Khazars until Viking times)	490 UR +sqt PL Aq Vi	
+	* PERSIA: Zoroastran Mazdak preaches zealous communal & ascetic doctrines (deep future infl)		
+491	BRITAIN: Saxons attack Britain at Pevensey, Sussex		
+			

+492		492 Sa CONJ UR Aq Aq	
+			
+493	ITALY: Ostrogothic kingdom established in Italy & Malta under Theodoric the Great (489-526)	**493 UR +SQR NE Aq Sc**	493 PL Li
+			
+494		**494 UR +SQR NE Aq Sc**	494 PL Li
+			
+495	PERSIA: zealous Magian priest Mazdak preaches ascetism & communism (unrest follows)	**495 UR +SQR NE Aq Sc**	
+	CHINA: Northern Wei (Toba Tatars) move capital of N China to Loyang	495 Sa OPPN PL Ar Li	
+496	FRANCE: Conversion-baptism of Merovingian king Clovis and Frankish nation	**496 UR +SQR NE Aq Sc**	496 UR Pi
+		496 Sa OPPN PL Ar Li	496 NE Sg
+497	ITALY: Roman Emperor recognises Ostrogothic rule in Italy	496 UR +qcx PL Pi Li	497 NE Sg
+		497 UR +qcx PL Pi Li	
+498	* SE ASIA: Hindu cultural influences reach Indonesia	498 UR +qcx PL Pi Li	
+			
+499	INDIA: scientist Aryabhata teaches of rotation of earth and value of Pi=3.1416	499 UR +qcx PL Pi Li	
+			



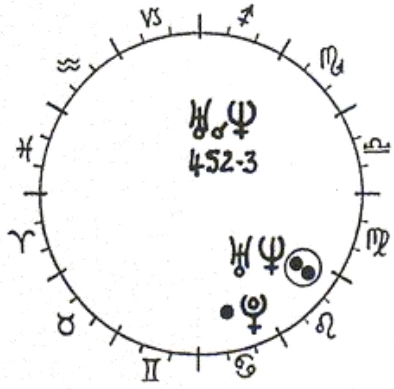
Neptune conjunct Pluto 407-412

Rome sacked by Visigoths; Roman withdrawal from much of empire; barbarian settlement of Europe (Franks & Vandals expand in France); Jerome translates Bible into Latin; divisions between Eastern & Western Christian churches; Nestorian Christians migrate to Central Asia; building of Teotihuacan, Mexico; Mochica culture, coastal Peru; Japan opens relations with China



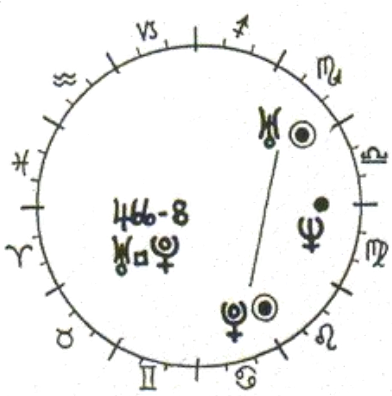
Uranus conjunct Pluto 439-40

Final withdrawal of Roman legions; European breakdown, bubonic plague; Attila the Hun rampaging in Europe; centralising emperor in Japan; first Pope in Rome; Celtic Christianity at peak - St Patrick; Vandal barbarians from Spain take Carthage (Tunisia)



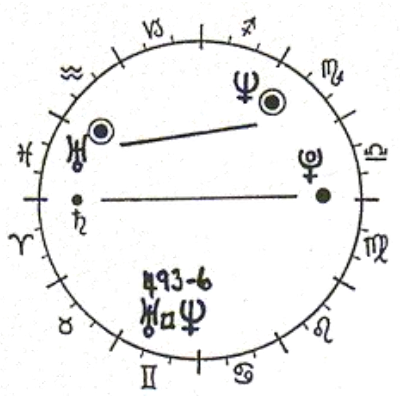
Uranus conjunct Neptune 452-53

Council of Chalcedon - orthodoxy in Christianity; Huns attack Greece & Italy; migration of Slavs into Balkans; Franks block & defeat Huns - Hunnish threat declines; Venice founded; Rome raided; British defeated by invading Saxons; establishment of Byzantium; Mississippi Valley culture



Uranus square Pluto 466-68

Huns withdraw from Europe, destroying Gupta empire in India; rise of Khazar Khanate, Kazakhstan; growth of Mayan cities & culture; final end of western Roman empire



Uranus square Neptune 493-96

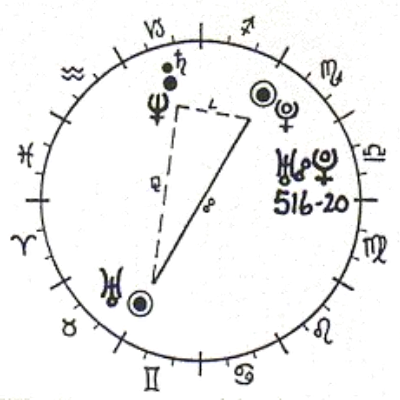
Roots of European states - foundation of Frankish & Ostrogothic states - Franks (Clovis) adopt Christianity; zenith of Tiahuanacu, Peru, & Huari, Bolivia; mythical king Arthur stops Saxon advance in Britain; radical Zoroastrian preacher Mazduk active in Persia; Hindus reach Indonesia

+500	* AMERICAS: ZENITH OF CLASSICAL TIAHUANACO & HUARI (Bolivia-Peru, 500-1000)	500 Sa OPPN NE Ge Sg	
+	GERMANY: Marcomanni tribe move from Bohemia to Bavaria; Czechs occupy Bohemia	500 UR +qcx PL Pi Li	
+	BRITAIN: British (Arthurian?) victory over expanding Saxons, at Bt of Mt Badon	501 UR +qcx PL Pi Li	
+501	* C AMERICA: decline of Teotihuacan influence (regionalisation of Mexican city states)	501 Sa OPPN NE Ge Sg	
+502	CHINA: Liang Dynasty (502-557) succeeds Ch'i in Nanking; Wu Ti, Nanking Emperor (502-49)	502 UR +qcx PL Pi Li	
+			
+503	INDIA: rise of Vishnu Hindu Chalukya dynasty in Maharashtra (peak of prosperity 630)		503 UR Ar
+			
+504	* EUROPE: FOUNDATION OF EUROPEAN PROTO-STATES (in Germany, France, Italy)	504 PL Peri 24Li	504 UR Ar
+			
+505	* S AMERICA: decline of Moche state (after catastrophic floods)		505 PL Sc
+			
+506			506 PL Sc
+			
+507	FRANCE: Frankish Clovis annexes Visigoth Toulouse; Visigoths re-establish in Castile		
+	IBERIA: Visigothic kingdom of Spain (507-711) (weak and poor)		
+508			
+			
+509		509 UR +tri NE Ar Sg	
+			
+510	FRANCE: Italian Ostrogoths occupy Provence (roots of kingdom of Savoy)	510 UR +tri NE Ar Sg	510 UR Ta
+			
+511	FRANCE: Merovingian realm subdivided amongst Clovis' sons (by tradition) on his death	511 UR +tri NE Ta Cp	511 NE Cp
+		511 Sa OPPN UR Sc Ta	511 UR Ta
+512		512 UR +tri NE Ta Cp	
+		512 Sa OPPN UR Sc Ta	
+513	MIDEAST: Basra cathedral built (Syria) (prototype for the Byzantine architectural style)	513 Sa OPPN UR Sc Ta	
+		513 Sa CONJ PL Sc Sc	
+514			
+			
+515	* INDIA: Aryabhata, Hindu astronomer & mathematician, at work	516 NE +ssq PL Cp Sc	
+		**516 UR OPPN PL** Ta Sc	
+516	* CHINA: great pagoda-building period (516-60) (eg Yung-ning-su 516, Sung-yueh 523)	517 NE +ssq PL Cp Sc	
+		**517 UR OPPN PL** Ta Sc	
+517	CHINA: Emperor Wu Ti becomes a Buddhist (introducing Buddhism to C China)	517 UR +sqt NE Ta Cp	517 UR Ge
+		**518 UR OPPN PL** Ge Sg	517 PL Sg
+518	? * BRITAIN: zenith of legendary High King Arthur (chivalry, security, Grail quest)	518 UR +sqt NE Ge Cp	518 UR Ge
+		518 NE +ssq PL Cp Sg	518 PL Sg
+519	EUROPE: reconciliation of Schism between East & West Christian Churches	**519 UR OPPN PL** Ge Sg	
+		519 Sa CONJ NE Cp Cp	
+520	INNOVN: decimal system invented by mathematicians Varamihara & Aryabhata in India	519 UR on UR NNode	
+	JAPAN: revolt in Kyushu (dissention in Japan against Korean campaigns & economic conditions)	519 UR +sqt NE Ge Cp	
+521	BRITAIN: est of Irish schools at Aranmore & Clonard draws scholars from Europe	519 NE +ssq PL Cp Sg	
+	W EUROPE: major Irish scholastic & missionary influence in Europe (monasteries & schools)	**520 UR OPPN PL** Ge Sg	

+522		520 UR +sqt NE Ge Cp	
+		520 NE +ssq PL Cp Sg	
+523		521 NE +ssq PL Cp Sg	
+		522 NE +ssq PL Cp Sg	
+524	ROME: Boethius (480-524), philosopher, theologian, musician, executed for treason	522 NE on NE SNode	524 NE Aq
+	BRITAIN: Dalriada Scots from N Ireland settle in Argyll (SW Scotland)	523 NE +ssq PL Cp Sg	524 UR Cn
+525	MIDEAST: Abyssinia under Caleb invades the Yemen	524 NE +ssq PL Cp Sg	525 NE Aq
+	* INDIA: Ajanta caves, adorned with Buddhist carvings	524 UR +qcx NE Ge Cp	525 UR Cn
+526	ITALY: death of Theodoric the Great, Ostrogoth king (471-526)	525 NE +ssq PL Aq Sg	
+	MIDEAST: Antioch and area destroyed by an earthquake, killing 250,000 (May 26)	525 UR +qcx NE Cn Aq	
+527	BYZANTIUM: Justinian, Byz Emp (527-65); dominates Church, starts long Church-State friction	526 UR +qcx NE Cn Aq	
+	BRITAIN: creation of Saxon kingdoms of Essex & Middlesex		
+528	ITALY: Italian Dark Ages (depopulation, desecration, disintegration)		
+	INDIA: Ephthalite Huns driven out of India by a coalition of Hindu states		
+529	GREECE: Justinian closes Athens Sch of Philosophy to counter paganism (Syria & Persia inherit)	529 UR -qcx PL Cn Sg	
+	ITALY: Benedictus founds Benedictine order at Monte Cassino (to regulate western monasticism)		
+	BYZANTIUM: Justinian's "Codex Vitus" (Code of Civil Laws) (replaced 534 by revised Codex)	530 UR -qcx PL Cn Sg	
+530	*INDIA: fragmentation of N India as Gupta empire declines	530 HALLEY'S COMET	
+531	PERSIA: PEAK OF SASANID INFLUENCE & PROSPERITY (Khosrau I Anohshirvan, Shah 531-79)	531 Sa OPPN PL Ge Sg	531 UR Le
+		531 UR -qcx PL Cn Sg	
+532	BYZANTIUM: insurrection in Constantinople, defeated (city destroyed, later rebuilt in style)	532 Sa OPPN PL Cn Cp	532 UR Le
+	FRANCE: Franks overthrow kingdom of Burgundy	532 UR -qcx PL Le Cp	532 PL Cp
+533	BYZANTIUM: Justinian reconquers Roman territories (Belisarius); Vandal N Africa kgdm taken	533 PL on PL SNode	533 PL Cp
+	BYZANTIUM: bldg of St Sophia Basilica in Constantinople (533-8) (zenith of Byz architecture)		
+534	MED'N: Malta, Ostrogothic Italy and Naples taken (534-6) by Byzantium (under Belisarius)	534 UR -sqt PL Le Cp	
+	CHINA: Persian Bodhidharma founds Ch'an (Zen) school of Buddhism at Loyang	**535 UR OPPN NE** Le Aq	
+	CHINA: Eastern Wei Dynasty (534-50, at An-yang), Western Wei (535-56, at Ch'ang-an)	535 Sa CONJ UR Le Le	
+535	* BRITAIN: devel of Celtic monasticism & evangelism by Columba, to Europe 563; Book of Kells	535 Sa OPPN NE Le Aq	
+536	* C AMERICA: economic & political crisis (534-93) in MAYAN CIVILISATION (cultural hiatus)	535 UR -sqt PL Le Cp	
+	SE ASIA: explosion of Krakatoa volcano in 535 darkens and chills the world for five years	**536 UR OPPN NE** Le Aq	
+537	? BRITAIN: death of legendary King Arthur at Bt of Camlan (killed by his illegitimate son)	536 UR -sqt PL Le Cp	537 UR Vi
+		536 Sa OPPN NE Le Aq	
+538		**537 UR OPPN NE** Le Aq	538 UR Vi
+		537 UR -sqt PL Le Cp	538 NE Pi
+539	MIDEAST: war between Byzantium and Persia (539-562)	538 UR OPPN NE Le Aq	539 NE Pi
+		**539 UR OPPN NE** Vi Pi	
+540	ITALY: Ostrogoths reclaim Ostrogoth Italy territories, entering Rome	540 UR -tri PL Vi Cp	
+	* BRITAIN: zenith of Welsh epic poetry: Taliesin, Aneirin, Llywarch Hen		
+541	* E AFRICA: Christianity introduced to Nubia	541 UR -tri PL Vi Cp	
+	SE ASIA: Viets rebel against Chinese rule (541-547)		
+542	* EUROPE: plague halves population of Europe in 50 yrs (origin Syria & Egypt, to Britain 547)	542 UR -tri PL Vi Cp	
+	BRITAIN: Gildas' "History of Britain"		
+543			543 UR Li
+			
+544			544 UR Li
+			
+545			
+			
+546	C EUROPE: scandinavian Langobards (Lombards) est Lombard dynasty in Moravia under Audoin		
+	ITALY: Rome forcefully emptied of all inhabitants by the Goths		
+547		548 UR -qcx NE Li Pi	
+548	* SE ASIA: decline of Funan trading kingdom (Cambodia) and takeover by Chen-la (Laos)	**549 UR -SQR PL Li Cp**	
+549	BYZANTIUM: Justinian of Byzantium obtains silkworms from China	549 Sa CONJ PL Cp Cp	
+550	CHINA: Northern Ch'i Dynasty (550-77) rule at An-yang (overthrown 577 by N Chou of Ch'ang-an)	549 UR -qcx NE Li Pi	
+	* E EUROPE: Slav, Polish and Ukrainian tribes settle in Mecklenburg & Galicia	**550 UR -SQR PL Li Cp**	550 PL Aq
+	* C ASIA: TURKISH KHANATES DOMINATE CENTRAL ASIA	550 UR -qcx NE Li Pi	550 UR Sc
+	* BRITAIN: Welsh Celtic Christians converted to Catholicism by St David		
+	* BYZANTIUM: GOLDEN AGE of BYZANTINE ART, RELIGION and CULTURE		551 PL Aq
+	* INNOVN: beginnings of use of Chess game, in India	**551 UR -SQR PL Sc Aq**	551 UR Sc
+551	ITALY: Byzantium beats Ostrogoths, annexing Rome & Naples (under Narses, by 554)	551 NE +sxt PL Ar Aq	551 NE Ar
+552	JAPAN: Buddhism introduced by Korean priests & Soga Clan; Asuka (historical) period begins	551 UR -qcx NE Sc Ar	552 NE Ar

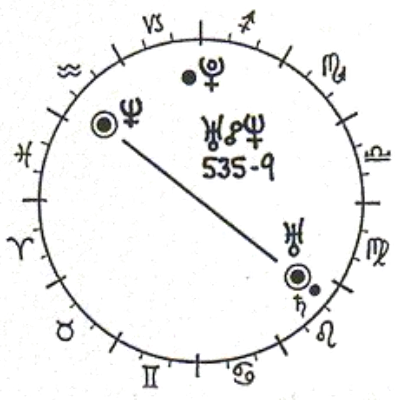
+	ASIA: Celestial Turks destroy Avar state in E Asia (causing Avar migration to Hungary)	552 NE +sxt PL Ar Aq	
+553	BYZANTIUM: fifth Christian Council of Constantinople (Justinian's reorganisation of Church)	553 NE +sxt PL Ar Aq	
+			
+554		554 NE +sxt PL Ar Aq	
+		554 UR -sqt NE Sc Ar	
+555		555 NE +sxt PL Ar Aq	
+		555 Sa CONJ NE Ar Ar	
+556		555 UR -sqt NE Sc Ar	
+		556 UR -sqt NE Sc Ar	
+557	BYZANTIUM: Constantinople damaged by an earthquake, many works destroyed, thousands killed	557 UR -sqt NE Sc Ar	557 UR Sg
+	CHINA: Southern Ch'en Dynasty (557-89, at Nanking), Northern Chou (557-81, at Ch'ang-an)		
+558	FRANCE: Frankish kingdoms reunited by Chlothar I, Frankish king (511-561) (son of Clovis)	558 Sa OPPN UR Ge Sg	
+	EURASIA: bubonic plague kills millions across Old World	558 UR -sqt NE Sg Ar	
+559	BYZANTIUM: Bulgar (Hun) & Slav assault on Constantinople repelled by Byzantine Belisarius	559 Sa OPPN UR Ge Sg	
+		559 UR on UR SNode	
+560	E EUROPE: onslaught of Avars drives Slavs into C Europe, Lombards into Italy	560 UR -sxt PL Sg Aq	
+	N AFRICA: many cities in Egypt & N Africa damaged by earthquakes, thousands killed	560 Sa OPPN UR Ge Sg	
+561	C AMERICA: defeat of leading Mayan city of Tikal by city-state of Caracol	561 UR -sxt PL Sg Aq	
+			
+562	W EUROPE: Avars invade Frankish kingdoms	562 UR -tri NE Sg Ar	
+	E ASIA: Japanese driven out of most of Korea by Korean state of Silla		
+563	BRITAIN: St Columba founds Iona monastery (beginning of Irish evangelist ministry abroad)	563 UR -tri NE Sg Ar	
+			
+564	* CHINA: infiltration of N China by many peoples absorbing Chinese culture & custom	564 UR -tri NE Sg Ar	564 UR Cp
+		564 Sa OPPN PL Le Aq	
+565	E EUROPE: Avar state (558-803) in Hungary at zenith under Bajan, Avar Kagan (565-602)	565 UR -tri NE Cp Ta	565 NE Ta
+	* BYZANTIUM: decline of Byzantine overseas strength	565 Sa OPPN PL Le Aq	
+566		565 UR -ssq PL Cp Aq	566 NE Ta
+			
+567	W EUROPE: permanent partition of Frankish kingdom (roots of France & Germany as nations)	566 UR -ssq PL Cp Aq	
+	IBERIA: Visigoths under Leovigild the Visigoth (567-86) drive Byzantines out of W Spain		
+568	ITALY: rise of Lombard Italy (568-774): overstretched Byz N Italy & Rome occupied by Alboin		
+	* C ASIA: zenith of first Turkish empire in Turkestan (emissaries sent to Byzantium)		
+569	@ BRITAIN: Columba converts Picts in Scotland to Celtic Church (bringing Med'n cultural infl)	569 NE Peri 10Ta	
+			
+570	MIDEAST: Persians drive Abyssinians out of Yemen		
+	ISLAM: birth of Mohammed the Prophet (570-632) in Arabia		
+571	* C ASIA: foundation of first Tibetan state (Yarlung dynasty)	571 Sa OPPN NE Sc Ta	
+		571 UR -ssx PL Cp Aq	
+572	MIDEAST: war between Persia and Byzantium (until 591, Persian expansionism)	572 Sa OPPN NE Sc Ta	572 UR Aq
+			
+573			573 PL Pi
+			
+574	ARABIA: Sasanian Persians invade Yemen (to control Red Sea)		574 PL Pi
+			
+575	CHINA: T'ien T'ai School of Buddhism founded (incorporating Confucian practices & values)		
+			
+576			
+			
+577	CHINA: Northern Chou (557-81, Ch'ang-an) overthrow Northern Ch'i (550-77, An-yang)		
+			
+578			578 NE Ge
+			
+579	* S AMERICA: rise of local Nanteno & Milagro cultures in Equador (500s-1463)		579 UR Pi
+			579 NE Ge
+580	CHINA: SUI DYNASTY (580-618) at CH'ANG-AN; Yang Chien, Emperor (580-604) (ex Chou minister,	**580 UR -SQR NE Pi Ge**	580 UR Pi
+			
+581		**581 UR -SQR NE Pi Ge**	
+		**582 UR -SQR NE Pi Ge**	
+582		**582 UR CONJ PL** Pi Pi	
+		582 Sa CONJ UR Pi Pi	

+583	* C AMERICA: slow decline of Teotihuacan as dominant power in Mexico (also Mayan ascendancy)	**582 NE +SQR PL** Ge Pi	
+		582 Sa CONJ PL Pi Pi	
+584	RUSSIA: Kubrat Dulo (584-642) consolidates Bulgar tribes (ex Finno-Tatars & Huns) in S Russia	**583 UR CONJ PL** Pi Pi	
+		**583 NE +SQR PL** Ge Pi	
+585	IBERIA: Visigoths under Leovigild conquer the whole of Spain; end of Sueves kgdm of Galicia	**584 NE +SQR PL** Ge Pi	
+	JAPAN: Yomei, Emp of Japan (585-7) adopts Buddhism as Imperial faith	**585 NE +SQR PL** Ge Pi	
+586	S AMERICA: abandonment of Moche (Mochica coastal capital) for inland Lambayeque valley	**586 NE +SQR PL** Ge Pi	
+			
+587	JAPAN: civil war between ruling Buddhist Soga clan & traditionalist Nakatomi & Mononobe clans		587 UR Ar
+	IBERIA: Visigoths convert to Catholicism (beginning of Catholic rule in Spain)		
+588			588 UR Ar
+			
+589	EUROPE: Visigoths and Lombards converted to Catholicism (absorption of Barbarians)		
+	CHINA: REUNION OF CHINA under Sui dynasty (581-617) (by conquest of S Ch'en dynasty, Nanking)		
+590	W EUROPE: Irish St Columban's mission to Europe (founding monasteries in Germany & Italy)	590 Sa CONJ NE Ge Ge	
+	ROME: Pope Gregory I the Great (590-604) (1st monastic Pope, growth of worldly Church power)		
+591	PERSIA: Khosrau Parviz II (590-628) succeeds to throne & renews war with Byzantium		591 NE Cn
+			
+592		592 UR +ssx PL Ar Pi	592 NE Cn
+			
+593	JAPAN: Empress Suiko & Prince Shotoku Taishi (593-628) promote Buddhist temple-building, learning,	593 UR +ssx PL Ar Pi	
+	Chinese forms of unified central gov't, Confucian moral principles & economic changes		
+594	* INNOVN: use of negative-relief block printing and book printing in China		594 UR Ta
+			
+595			595 UR Ta
+			
+596	BRITAIN: Gregorius I sends Augustine to Britain to convert Anglo-Saxons & counteract Celtic Church	596 Sa OPPN PL Vi Pi	
+	* N AFRICA: zenith of Coptic culture in Egypt; INDIA: cultural, artistic, architectural climax	597 UR -sxt NE Ta Cn	
+597	* N AMERICA: approx building of city of Cahokia (Illinois, peak 1050-1250)	597 Sa OPPN PL Vi Pi	
+598	* S AMERICA: HUARI conquests in Peru (expansion of Huari empire)	597 UR +ssq PL Ta Pi	
+599		598 UR -sxt NE Ta Cn	



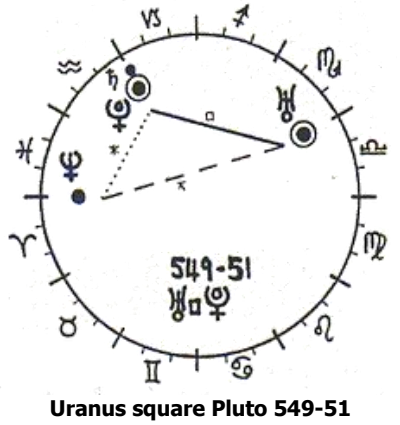
Uranus opposition Pluto 516-20

Emperor of China becomes Buddhist, Chinese ascendancy; decimal system invented, India; Irish Christian scholastic tradition; legendary king Arthur, Britain; emperor Justinian, Byzantine ascendancy; zenith of Sasanid Persia; revolts in Japan; mathematical advances in India (Aryabhata)



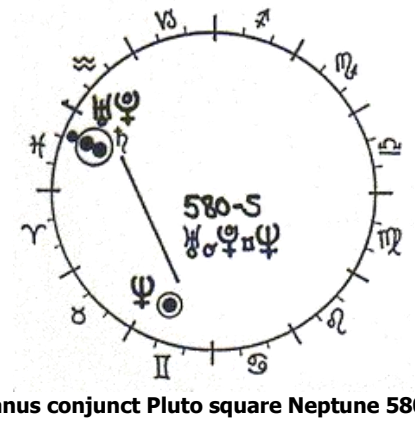
Uranus opposition Neptune 535-39

Crisis in Mayan civilisation; Byzantine Justinian reconquers many Roman lands; Shah Khosrau, zenith of Sasanid Persia; plagues throughout Europe; monasticism - Benedictus & Benedictine rule; founding of Ch'an (Zen) Buddhism, Loyang, China; Celtic evangelism in Europe (Columba)



Uranus square Pluto 549-51

Golden age of Byzantine art & culture, Justinian's lawmaking &



Uranus conjunct Pluto square Neptune 580-85

Sui dynasty reforms & reunites China, capital at Chang-an; decline of

reorganisation of Orthodox church; dawn of Toltec culture, Mexico; Buddhism enters Japan; Avar invasions of Europe; roots of France & Germany; decline of Funan (Cambodia), takeover by Chen-la (Laos); Turkic khanates dominate C Asia

Teotihuacan, Mexico, Mayan revival; Visigothic kdgm of Spain; Mochica decline, Huari expansion; zenith in Japan; end of barbarian invasions in Europe; Pope Gregorius (growth of worldly church power); Bulgar tribes united in Ukraine

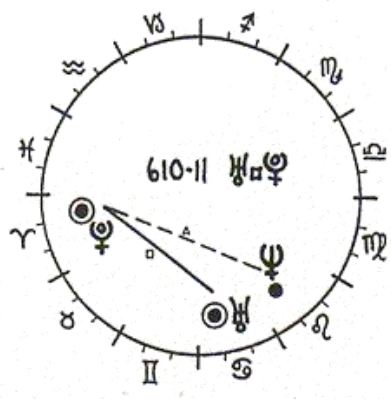
+600	* BRITAIN: peak of Welsh post-bardic heroic verse (eg "Gododdin" by Aneurin)	598 UR +ssq PL Ta Pi	
+	* EUROPE: END of BARBARIAN INVASIONS in EUROPE, settling of peoples	599 UR -sxt NE Ta Cn	600 PL Ar
+	* RUSSIA: GROWTH OF KHAZAR KHANATE (astride Volga & Don rivers, capital Itil, trading city)		
+	* BYZANTIUM: development of the Icon as religious artform in Byzantium & Bulgaria		601 PL Ar
+601	FRANCE: widespread famine in France (600-04)		601 UR Ge
+602	CHINA: Huang Ho (Yellow River) changes course as a result of disastrous floods	602 Sa OPPN UR Sg Ge	602 PL Ar
+	BRITAIN: Augustine establishes Catholic archbishopric in Britain at Canterbury		602 UR Ge
+603	MIDEAST: major war between Persia & Byzantium (ravaging Armenia, Syria, Anatolia)	603 Sa OPPN UR Sg Ge	
+	SE ASIA: revolts in Annam (N Vietnam) & Chams (Cambodia) suppressed by China (over sea trade)	603 UR on UR NNode	
+604	JAPAN: Constitution of 17 Articles (Shotoko Taishi code, Buddhist); Japan opening to Chinese influences	604 Sa OPPN UR Sg Ge	
+	ROME: last meeting of the ancient Roman Senate 604 NE on NE NNode		
+605	CHINA: opening of the Grand Canal at Loyang (built by a million labourers)	604 UR -ssq NE Ge Cn	605 NE Le
+	CHINA: Yang Ti, Sui Emperor (605-18) (mismanagement & fruitless wars, new capital at Loyang)	605 UR -ssq NE Ge Cn	
+606	INDIA: ZENITH OF LATER GUPTA EMPIRE in N India, under Sri Harsha of Thanesar (606-647)	606 UR -ssq NE Ge Cn	606 NE Le
+	CHINA: public examinations instituted for applicants to Mandarin public office in China		
+607	JAPAN: opening of Japan to Chinese cultural influences; Japanese ambassadors in China	607 NE +tri PL Le Ar	
+	C ASIA: unification of Tibet by the Yarlung dynasty	607 HALLEY'S COMET	
+608	* CHINA: major public works, incl Yangtze-Huang Ho canal, Great Wall	608 NE +tri PL Le Ar	608 UR Cn
+	S INDIA: Mahendravarman I, Pallava king (c600-25) (anti-Jain, pro-Shiva; much religious building)	609 NE +tri PL Le Ar	
+609	SE ASIA: foundation of Thai Nan Chao state	609 Sa OPPN NE Aq Le	609 UR Cn
+610	MIDEAST: Mohammed the Prophet's vision on Mt Hira	610 NE +tri PL Le Ar	
+	BYZANTIUM: Heraclius, Byz Emperor (610-41): BYZANTIUM GROWS as a Greek-speaking, Christian	**610 UR +SQR PL** Cn Ar	
+	civilisation, stretching from Gibraltar to Euphrates (soon to shrink before the Arabs)		
+611	MIDEAST: Persia conquers (611-26) Antioch, Damascus, Jerusalem, Egypt (618) and Asia Minor	611 NE +tri PL Le Ar	
+		**611 UR +SQR PL** Cn Ar	
+612	CHINA: Sui dynasty invasion of Koguryo (Korea) fails, at great cost	611 UR -ssx NE Cn Le	
+		612 UR -ssx NE Cn Le	
+613	CHINA: revolts around China reduce power of Sui dynasty (empire exhausted by war & excess)		
+			
+614	MIDEAST: Persians sack Jerusalem (removing relic of the True Cross)	614 Sa CONJ PL Ar Ar	
+			
+615	BRITAIN: friction between Saxon England and Gaelic Ireland		615 UR Le
+	INNOVN: petroleum ("burning water") first used in Japan		
+	C AMERICA: recorded accession of Maya lord Pacal (615-83) (building of major Maya structures)		
+616			
+617	CHINA: Sui dynasty ends (burden of public works & Korea invasion), China falls into anarchy		
+	MIDEAST: Persians conquer to within one mile of Constantinople		
+618	CHINA: T'ANG DYNASTY established (618-907) (retaining Sui admin system, China largely unchanging)		618 NE Vi
+			
+619	CHINA: "Ten Classics" (Suan Ching), scientific manuals ; spread of Ch'an & Pure Land Buddhism in China		619 NE Vi
+			
+620	* PERSIA: LAST ZENITH OF SASSANID EMPIRE (stretching from Anatolia to Afghanistan)	620 NE +sqt PL Vi Ar	620 NE Vi
+	BRITAIN: first invasions of Ireland by early Vikings from Norway & Denmark		
+	* CHINA: porcelain production, formation of orchestras with 100s of players		
+621		621 NE +sqt PL Vi Ar	621 UR Vi
+	* INDIA: beginning of Bhakti Vedantist revival in Hinduism (Shiva-Brahma-Vishnu, Krishna)		
+622	ISLAM: HEGIRA of Mohammed: Muslim migration from Mecca to Medina (start of Muslim calendar)	622 UR +sqt PL Vi Ar	622 UR Vi
+	BYZANTIUM: start of campaigns of Heraclius to protect Byzantium	622 NE +sqt PL Vi Ar	
+623	C ASIA: Nestorian Christians visit Tibet & Dzungaria	**623 UR CONJ NE** Vi Vi	
+624	ISLAM: publication of much of the Quran (Arabia)	623 UR +sqt PL Vi Ar	
+	CHINA: China united under the T'ang Dynasty (beginning 618); Eastern Turks raid Ch'ang-An	623 NE +sqt PL Vi Ar	
+625	ISLAM: Mohammed the Prophet's mission starts, at Medina, Arabia	**624 UR CONJ NE** Vi Vi	
+	MIDEAST: Persian conquests of Middle East fail (surrounding E Med'n, threatening Byzantium)	624 UR +sqt PL Vi Ar	
+	* AMERICAS: ZENITH of MAYAN CIVILISATION (eg building of Palenque temples in Mexico)	625 Sa CONJ NE Vi Vi	
+	S INDIA: Pallava Narasimhavarman I (c625-45) (public works, Dravidian temples, consolidation)	626 Sa CONJ UR Vi Vi	
+626	BYZANTIUM: Constantinople beseiged by Avars and Persians – repulsed (Europe at risk)	626 PL Aphn 25Ar	
+627	BRITAIN: conversion of Northumbria to RC Ch; Edinburgh founded; RC conversion of Wessex ?635	626 UR +qcx PL Vi Ar	627 UR Li

+	MIDEAST: Persians beaten by Byzantines at Nineveh; SASANID PERSIA BEGINS DECLINE	627 UR +qcx PL Vi Ar	
+	CHINA: T'AI TSUNG, Emperor (627-49), CHINA AT CLIMAX (tolerance & patronage of arts & letters)		
+	BYZANTIUM: sugar reaches Europe (pure Indian sugar discovered by Heraclius' troops in Persia)	628 UR +qcx PL Vi Ar	
+628	ISLAM: Mohammed the Prophet takes Mecca, writes to rulers throughout world, announcing Islam	628 Sa OPPN PL Li Ar	628 UR Li
+629	MIDEAST: Byzantine Heraclius recovers Jerusalem from Persians	629 Sa OPPN PL Li Ar	
+	CHINA: Hsuan Tsang, Buddhist scholar, travels to Cambodia & India to study Buddhism		
+630	* BRITAIN: major church (Glastonbury, St Albans, Winchester) & castle building period		630 PL Ta
+	* MIDEAST: introduction of cotton to Arab lands (from India)		
+631	CHINA: Northern Turks beaten by Chinese; suzerainty extended to Turkestan by 641		631 PL Ta
+	* INDIA: Parsee Zoroastrans settle in W India ("Jews of the East")		
+632	ISLAM: DEATH OF MOHAMMED: ARAB EXPANSION BEGINS; "Holy War" declared (Abu Bakr)	632 NE +qcx PL Li Ta	632 PL Ta
+	C ASIA: Buddhism becomes the state religion in Tibet (temporarily)		632 NE Li
+633	MIDEAST: churches of Jerusalem, Antioch & Alexandria closed to Christians by Islamic Arabs	633 NE +qcx PL Li Ta	633 NE Li
+	IBERIA: Visigothic Spain becomes an elective kingdom		
+634	ISLAM: Omar I (634-44) 'Ruler of the Faithful' (transforms Arab state into theocratic empire)	**634 UR OPPN PL** Sc Ta	634 UR Sc
+	BRITAIN: Britain in anarchy (struggles between Northumbria & Mercia, Celtic & Roman Churches)	634 NE +qcx PL Li Ta	
+635	ISLAM: Arabs overcome Damascus & Ctesiphon; end of Sassanid empire	**635 UR OPPN PL** Sc Ta	
+	ISLAM: caliphate moves from Medina to Damascus (Islamic empire ceases being purely Arabian)	635 NE +qcx PL Li Ta	
+636	* JAPAN: feudal nobility in ascendancy in Japan	635 UR +ssx NE Sc Li	
+	* NW EUROPE: Christianity generally accepted in Anglo-Saxon lands (bringing cultural upswing)	**636 UR OPPN PL** Sc Ta	
+	BRITAIN: Irish Celtic Church submits to Papal Roman Catholicism	636 NE +qcx PL Li Ta	
+	ISLAM: Arabs take Syria (from Byzantium)	636 UR +ssx NE Sc Li	
+637	ISLAM: Persian empire falls to Arabs (637-1258) (Islam replaces Zoroastranism)		
+638	ISLAM: Arab Muslims take Jerusalem (from Byzantium)		
+	ASIA: Persia warns and appeals to China for help against Arabs		
+639	ISLAM: Arabs attack Armenia		
+	W EUROPE: death of Dagobert brings effective end of Frankish Merovingian dynasty		
+	ASIA: Srong-tsan Gampo, king of Tibet, unifies Tibet and converts to Buddhism		
+640	* W EUROPE: gradual separation of French & German languages in old Merovingian lands		
+	ISLAM: Arabs conquer Egypt, expanding into North Africa		
+641	N AFRICA: destruction of Alexandrian school & library (centre of ancient thought)		641 UR Sg
+	* MIDEAST: peak of Armenian architecture and civic life		
+642	* BYZANTIUM: Byzantium loses trade & infl from recently-conqd Arab territories; econ decline	642 UR +ssq NE Sg Li	
+	S INDIA: Pallavas pillage Chalukya capital (ending prosperity & upsetting S Indian balance)	643 UR -qcx PL Sg Ta	
+	PERSIA: fall of Sasanian Persia to Arabs (end of independent Persia)		
+643	ISLAM: Dome of the Rock, Jerusalem, first major Islamic mosque; Arabs conquer Tripoli	643 UR on UR SNode	
+	CHINA: visit of Byzantine & Persian ambassadors to China	643 UR +ssq NE Sg Li	
+644	* CHINA: Hsuang Tsang translates 75 Buddhist books, initiating Pure Land school of Buddhism	644 Sa OPPN NE Ar Li	
+645	ASIA: China annexes Korea; Dzungaria & Tarim Basin (645-743) (expansionist policies)	644 UR -qcx PL Sg Ta	
+	JAPAN: downfall of Soga clan; "Taika Reform" by Fujiwaras reorganises Japan centrally	645 Sa OPPN NE Ar Li	
+	C ASIA: Buddhism introduced in Tibet (on Chinese-Tibetan alliance, first temple 651)		
+	ASIA: Nestorian Christians settle in China (missionary activity & monasteries from 678)		
+646	MED'N: Byzantine fleet retakes Alexandria (temporarily)	646 Sa CONJ PL Ta Ta	646 NE Sc
+647	INDIA: end of Later Gupta period in N India, on death of Sri Harsha (since 320AD)		647 NE Sc
+	BRITAIN: Celtic Church gains upper hand in Britain under Aidan of Iona (until 664)		
+648	* C ASIA: expansion and growth of Tibetan culture and kingdom under Srongtsen Gampo	648 UR -sqt PL Sg Ta	648 UR Cp
+	* EUROPE: supremacy of Celtic Church in N W Europe (until Boniface)	649 UR +sxt NE Cp Sc	
+649	ISLAM: Arabs conquer Cyprus	649 UR -sqt PL Cp Ta	
+650	ISLAM: Quran revised to become more 'biblical' by Caliph Othman (murdered 656)	649 Sa OPPN UR Cn Cp	
+	* CHINA: traditional Buddhism challenged by Amida (Pure Land) school, led by Shan Tao	650 UR +sxt NE Cp Sc	
+	E EUROPE: Khazars conquer Bulgarian empire in S Russia; Croats & Serbs occupy Bosnia	650 Sa OPPN UR Cn Cp	
+	* SE ASIA: Hindu SRIVIJAYA EMPIRE (Sumatra, Malaya, Borneo) cap Palembang (600-1400)		
+651	E EUROPE: Bulgars under Isperikh (643-701) migrate to Lower Danube (after Khazar & Avar force)	651 UR +sxt NE Cp Sc	
+652	ISLAM: Arab expansion in Africa stopped by Nubians at Aswan (on the Nile)		
+			
+653		653 UR -tri PL Cp Ta	
+			
+654		654 UR -tri PL Cp Ta	
+			
+655	ISLAM: Arab fleet destroys Byzantine fleet at Lycia (Arabs become maritime power)		
+	C ASIA: Arabs invade Khorasan		

+656 ISLAM: standardisation of the Quran completed 656 UR Aq

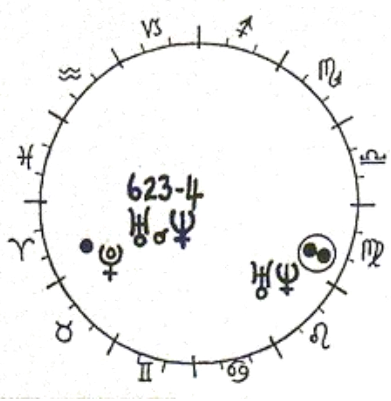
+

+657 * ASIA: Western Turks disperse to Russia-Hungary & some later follow Mahmud of Ghazni to India **657 NE OPPN PL** Sc Ta



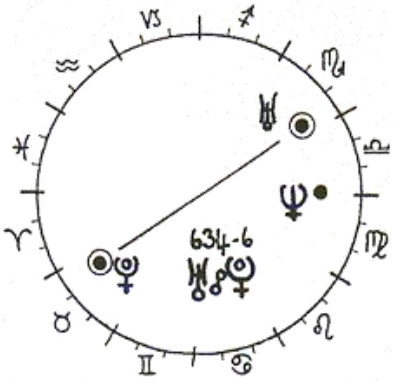
Uranus square Pluto 610-11

Zeniths in Later Gupta India (Sri Harsha), Sasanid Persia & Byzantium (Heraklius); mission of Mohammed the Prophet, Arabia; first Viking raids in Europe; foundation of Nan Chao (Thailand); Persia invades Syria, Egypt & Anatolia; major public works in China (Great Wall, Grand Canal); unification of Tibet; first use of petroleum (Japan); Saxon ascendancy, England



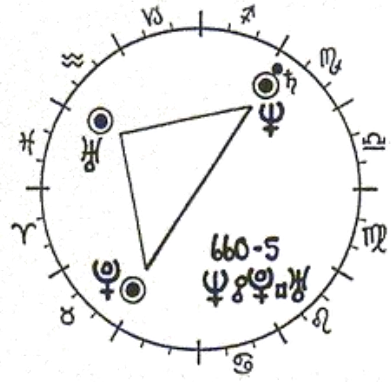
Uranus conjunct Neptune 623-24

Zenith of Mayan civilisation (Palenque temples); cultural climax in China (T'ang dynasty); birth of Islam (the Hegira); decline of Sasanid Persia; Christian Saxon England, Celtic decline; Viking invasions (Ireland); zenith of Pallava dynasty, S India; Byzantium beseiged by Avars & Persians (Europe threatened); sugar reaches Europe from India



Uranus opposition Pluto 634-36

Arabic expansion into Egypt, Jerusalem, Syria, Persia (Caliph Omar); anarchy in Britain; Gupta decline, India; Byzantine decline; Fujiwara reforms, Japan; Buddhism adopted in Tibet (Srongtsan Gampo); Irish Celtic church submits to Catholicism; end of Frankish Merovingian dynasty; Persian Parsees settle in India; China extends into Turkestan



Neptune opposition Pluto square Uranus 660-65

Sudden end of Teotihuacan, Mexico; Hindu Srivijaya empire, SE Asia; expansion of Tibet; Umayyad Caliphate, Damascus; Arab invasion of Maghreb (N Africa); decline of Celtic church (Synod of Whitby); Silla period, Korea; Bulgars migrate to lower Danube from Ukraine; reduction of Byzantium (Arab pressure); revision of Quran (Othman); Turks disperse into Russia & India

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Astro-historical tables for 2,500 years