

ANCIENT HISTORY

Constantine Samuel Rafinesque

This page in the original text is blank.

ANCIENT HISTORY,

OR

ANNALS OF KENTUCKY;

WITH A SURVEY OF THE ANCIENT MONUMENTS

OF NORTH AMERICA,

And a Tabular View of the Principal Languages and Primitive Nations of the whole Earth.

By C. S. RAFLNESQUE, A M, Ph. D,

Prof. in Trans. Univ.—Sup't. of the Trans Bot Garden—Sec'y of the
Kent. Institute, and member of the following Societies:
Imp. Nat. Cur of Bonn
Imp. Econ. Soc. of Vienna,
R. Inst. of Sciences of Naples,
It. Ac. of Arts and Sciences,
Lin. Soc. of Paris,
Amer. Antiq Soc.
Histor. Soc. of New York,
Lit. & Phil Soc. of New York,
Lyc. of Nat. Hist of New York,
Ac. of Nat. Sc. of Philadelphia,
Antiq. Soc. of Tennessee,
Med. Soc of Cincinnati,
Med. Soc. of Lexington,
&c. &c. &c.

(*Numquam otiosus.*)

FRANKFORT, IN KENTUCKY.

PRINTED FOR THE AUTHOR.

.....
1824.

THESE PAGES
ARE DEDICATED TO
ALEXANDER DE HUMBOLDT,

IN TOKEN OF THE HIGH VALUE SET UPON
HIS RESEARCHES ON AMERICA.

The following pages have appeared as an introduction to the second edition of the History of Kentucky by Humphrey Marshall Esq.—Some copies have been printed in a pamphlet form, to which the author now prefixes a Philological and Ethnological Table, abridged from an elaborate survey of about 500 languages and dialects of both Continents; reduced to 50 mother languages, (besides 25 examples of Dialects) with their principal roots for four important words. This will demonstrate those leading facts of his history relating to the derivation of American nations and languages. As a first and arduous attempt, it ought to claim the indulgence of the philologists, if any inevitable omissions or inaccuracies should be detected; but none will be found of a nature to invalidate the general results. At a future time the subject may be renewed, enlarged and rendered still more evident, in connection with a general history of the nations and monuments of America.

The individuals to whom this essay will be sent, will confer a favor on the author, if they are able to communicate to him, some additional vocabularies of any language or dialect of North or South America; essential words and cardinal numbers are particularly wanted.

ERRATA.

Page 6, line	22,	for Amygdalvid	read	Amygdaloid.
p 12. l	24,	Termurians		Fermurians.
13,	23,	Orenoe		Orenoc.
17.	27,	Gadesiems		Gadesians.
20,	21,	Copatta		Copatla.
23,	15,	Karitist		Caralit.
27,	29,	Curas		Cuzas.
34,	22,	7500		4500
36,	31,	county		country.
38,	15,	Has		Star.
	20,	Harmar		Harmon.
39:	17,	Vaelt		Vater.

ETHNOLOGICAL AND PHILOLOGICAL TABLE
OF THE
Primitive Nations and Languages.

The words *Heaven, Land, Water* and *Man* have been selected to form this table; which is the first attempt ever made to ascertain and compare the roots of all languages. This has been done by reducing those words from dialects and analogous languages into their primitive, essential and radical sounds. The sounds of universal speech are 64, or 12 vowels, 12 nasals, 15 Consonants, 15 Sibilants and 10 Aspirations; the orthography adapted to express them is phonological and invariable. The relative connection and affinities of the American nations and languages with those of the eastern continent, will be perceived at a glance by comparing these roots. The number following each Radical Language indicates from how many dialects the roots have been evolved; but few radical Languages are omitted, while the words of some important Dialects are added as examples. This sign! marks the roots identical with the American roots.

PRIM. NAT. & LAN.	ROOTS OF	ROOTS OF	ROOTS OF	ROOTS OF
AMERICA.	HEAVEN	LAND,	WATER,	MAN,
I. EASTERN BRANCH.	GOD, SKY, PARADISE.	EARTH, WORLD, SEA, RIVER, GROUND, SOIL.	LAKE, RAIN.	MALE, NA- TION, PEOPLE

1 Atalan or Cutan	5 El, ca. ta	Co. cal.	Ha. ya.	Cu. uil. sca.
<i>Poconchian</i> - -	<i>Taxat</i>	<i>Acal</i>	<i>Ha.</i>	<i>Cul.</i>
<i>Cherokih</i> - - -	<i>Calanguta</i>	<i>Catun</i>	<i>Ahua. amah</i>	<i>Scayuh.</i>
2 Arusc or Antilan	7 Ya. zin.	Ay. ca.	A. na.	Co. gua?
3 Carib'an	6 Ca. pu. ta.	En. an. no.	Tu. co. no. lo.	Li. uc. ir.
<i>Tamanac</i> - - -	<i>Capu</i>	<i>Noni</i>	<i>Tuno</i>	<i>Oi? ukil?</i>
4 Guarani	4 Pu. ta.	Ib.	Iuh. ud. ma.	Ap.
<i>Brazilian</i> - - -	<i>Tupana</i>	<i>Ibi. ibuy.</i>	<i>Ig uh.</i>	<i>Aba. tapoy.</i>
5 Muisca	1 Zac?		At.	Ca.
6 Araucanian	2 Huen.	Tu. map.	Co. ro. le. ma.	En.
7 Peruvian	2 Ca.	An. ac.	Ma. uy. lo.	Ra. na. co.

II. ASIATIC OR WESTERN BRANCH.

8 Mexican	3 Lu. il. co.	La. an.	Al. at. ul.	E!
9 Misurian or Oman	9 Pa. no.	Mah. ca.	Nib. mi.	Nu. hua. ma.
<i>Minitarih</i> - -	<i>Apah-hi.</i>	<i>Amah</i>	<i>Minih</i>	<i>Mat, zha.</i>
10 Floridan	12 Co. hua. to.	Ca. na.	Cu. hua. lu. go	Ne. cay. is.
<i>Chactah</i> - -	<i>Itolo?</i>	<i>Nani yacana</i>	<i>Ocuh. Ocuh.</i>	<i>Nok'nih.</i>
11 Panis or Apachian	5 Sca. tu.	Ar. ta. oc.	Pa. ec.	Ish. tuy. gap.
12 Lerapiar	35 Scu. mua.	Ac. in. ze	Ih. tu. ni. si.	In li. di.
<i>Shawanuh</i> - -	<i>Spimikih</i>	<i>Akih</i>	<i>Nippih</i>	<i>Linnih.</i>
13 Menguy	20 To. ho.	Co. hun. chi.	En. nic.	En. on. ni.
<i>Tuscorora</i> - -	<i>Toendoh</i>	<i>Heniyen</i>	<i>Ohuen</i>	<i>Entec. nihah.</i>
14 Caralit	5 Ac. na.	Na. can.	Im. tal.	En. in. ga.

EUROPEAN LANGUAGES AND NATIONS.

15 Pelasgian	10 Eo! as. se. ur.	Ar! ay! en! ta!	Hu! ru! al!	An. Cu!
<i>Cantabrian</i>	<i>Sseru</i>	<i>Lurre. Eri</i>	<i>Uva</i>	<i>Nar.</i>
16 Celtic	54 Et! ne! eo!	Ar! la! so. tal.	Um. on. ac! ri.	Mo. ir! ni!
<i>Irish</i> , - -	<i>Neam</i>	<i>Talu</i>	<i>Easc. loc.</i>	<i>Air. mo. dinih.</i>
<i>Provential</i> -	<i>Siel</i>	<i>Tere. Sou,</i>	<i>Aigæ mar</i>	<i>Ome.</i>
17 Gothic or Scythian	30 El! eo. ca.	Ard. lan. od.	At! thi. lo!	M! an.
<i>Teutonic</i> - -	<i>Himel</i>	<i>Ard. land</i>	<i>Uat. atta.</i>	<i>Man.</i>
18 Sarmatian	22 Bes. ni.	Sem. or. li.	Ua! od.	Oc. mo.
<i>Russian</i> - -	<i>Nebesi</i>	<i>Semli</i>	<i>Voda</i>	<i>Moco.</i>
19 Chudish	12 Ta! el! me!	Ma! zo. do.	Ua! mu.	Er! is!

ASIATIC PRIMITIVE NATIONS AND LANGUAGES.

I. IRANIC OR WESTERN.

20	Aramic 18	El! em! Iao! se,	Ar! ds, ma!	Hu! mu, ya,	Ish! ic,
21	Z-nd 8	As! she-Ar!	en,ac! z3,ma,	Au, ep, ri,	Er, aic, ur,
	<i>Persian</i> - -	<i>Asmon</i>	<i>Zemin</i>	<i>Ava</i>	<i>Ner</i>
22	Caspian 6	Ch+ ir,	Er, ac!	Su, mu, mi!	Ar; ma!
	<i>Armenian</i> - -	<i>Girkin</i>	<i>Gercru</i>	<i>Mua?</i>	<i>Arm,</i>
23	Abassian 8	Zo. il!	Tul! ec, lat!	At! ta, hu!	En!
	<i>Cushasib</i> - -	<i>Zila?</i>	<i>Tula</i>	<i>Atu, Ocu,</i>	<i>Lena?</i>
24	Cal casian 8	Zr, cha, ten,	Ac, ma! z4,	Uh! su,	Is! en,
25	Paisachian 4	Za, pa!	Ac! la! ra,	Um, hi!	Ip, mu, mi,
	<i>Moitay</i> - -		<i>Leipauc</i>	<i>Ishin</i>	<i>Mi;</i>
26	Sanserit 25	} Ur, ma, eo, Ar! ba, ib!	} ac!	} Ig! ni! ud!	} Ish! ca! ur,
	<i>Zungani</i> - -				
		<i>Amengi, churo.</i>	<i>Bu Puba,</i>	<i>Pani</i>	

II. TATARIAN OR NORTHERN.

27	Ogurian 4	Cu, mar, ul, as	Ma! er,	Ua! su,	Ap?
28	Mogulian 6	Ten, gri,	Ar! da, za,	Su, uh!	Er. Ca!
29	Tonguzian 4	Ca! ne, ul,	Na! en! ar!	Mu, cu, in,	On! ni! in!
30	Osiasc 12	No, ga, ol,	La! to, ac! ul.	Hi! pi, ri,	Ca! ga!
	<i>Coriac</i> - <i>Kh'igan, chervol,</i>	<i>Nutolat</i>	<i>Pihi</i>	<i>Gasi.</i>	
31	Ainuh 6	Ni. can! cu,	Oc! tan, to,	Pi! hua!	Nu! gur, in!
	<i>Curilian</i> -	<i>Cando</i>	<i>Cudan</i>	<i>Peh, Peth,</i>	<i>Ainuh</i>
32	Nippon or Japan 3	Tin, el! ca!	Si, mo, to,	Mi! hu! ne	To.
33	Samojed 20	Nu. in. ja,	Ja, ma! tu,	I! bi, sa, tuy,	Ne! si.

III. CHINESE OR EASTERN.

34	Thibetan 2	Na! ke, hen,	Sa, di. en!	Ip!	In!
35	Chinese 6	Tien, lo!	Ti, di, chi!	M! hau! na!	Nan, In! yu,
36	Birman 14	Sa, an,	Ca! gay,	Yce, ri, ti,	Yo, lu, pa.
37	Avanese or Mon 8	Can! mo., Op,	la! n! to, ma!	Na! pa! co.	Na! chay, on!

POLYNESIAN NATIONS AND RADICAL LANGUAGES.

38	*Igoloteh or Papuan 7	Ker, da,	Ar! ta! po, io,	Yo, si! na!	Am;
39	Malav 22	Ra, ta! ni,	Tals! bu, en.	Ay, hua!	En! an. ur.
	<i>Nucanian</i>	<i>Hani, takua,</i>	<i>Hennua</i>	<i>Ehuay, tay,</i>	<i>Enata</i>
40	Tagalan 12	La, s, un, jo,	Na! ep, guy,	'h! ro. nu!	lc, ga!
	<i>Liuchiu</i>	<i>Mijoh?</i>	<i>Sinna</i>	<i>Ushi midzi.</i>	<i>Ikigah,</i>

AFRICAN PRIMITIVE NATIONS & RADICAL LANGUAGES.

I. BROWN NATIONS.

41	Egyptian 3	Fo Iao! ta!	Cay! ua, on,	Mu, hu! iar,	Im, an,
	<i>Coptic</i>	<i>Fa,</i>	<i>Cahi</i>	<i>Iar, mohu, iom</i>	<i>Im,</i>
42	Atlantic or Berber 7	Ti, ta! gi,	Ay! un,	An, na!	Uan! Co!
	<i>Guanchian</i>	<i>Tigo</i>	<i>Oya</i>	<i>Aenum</i>	<i>Guan, coran,</i>
43	Abyssinian 8	Ze, ja, ur,	Za, er, to, mid	Mi! ri, hu!	Na! hus!
44	Danakil 3	Se, am. ur,	Ar!	Eh, li, da,	Ca! ma! ut,
45	Caffer 6	Am, si,	La. um,	Ma! hul,	Ca! huan!
46	Hottentot 6	Ga, hom,	Ca! gu, hu,	Cu! nu,	An; cua!

II. BLACK OR NEGRO NATIONS.

47	Nubian 4	Ze, ul,	Ur, ca,	Ec, ro!	Oc. ha,
48	Sudan 10	As, ra, al,	Ar! di, bo, su,	Io, li,	An, ya,
49	Galla 10	Ac, gua,	Un! la! ga, di,	Be, mi! su,	Ma! ni! oc, ua,
50	Cor-go 12 D	Lu! zi,	I a! po, to, ze!	Ma! bu, cu!	Un, ca!
	<i>Malemba</i>	<i>Izulu,</i>	<i>Zela, n'tato,</i>	<i>Maza, m'bu,</i>	<i>Munto,</i>

*This is the primitive Black or Negro Nation of Asia, fragments of which are found on that continent, and throughout Polynesia,

ANCIENT ANNALS OF KENTUCKY,

OR,

INTRODUCTION TO THE HISTORY AND ANTIQUITIES OF THE
STATE OF KENTUCKY.

BY C. S. RAFINESQUE, A. M.—PH. D.

PROFESSOR IN TRANSYLVANIA UNIVERSITY, MEMBER OF THE KENTUCKY
INSTITUTE, AND 15 OTHER SCIENTIFIC OR LITERARY SOCIETIES
IN THE UNITED STATES AND IN EUROPE.

(Nunquam otiosus.)

This page in the original text is blank.

Exordium.

My enquiries during several years, concerning the antiquities of the western states, have led me to extend my researches over the whole circle of North American antiquities, and compelled me to enter the dedalus of ancient history.

The result of my researches may be given in a more ample form at some future period, when rendered adequate to illustrate the interesting primitive periods of human existence in both hemispheres. I shall merely attempt at present to delineate the first rudiments of the ancient history, involving the revolutions of nature and nations, in that central part of North America, now known under the name of Kentucky, and surrounded by Virginia, Tennessee, the rivers Ohio and Mississippi, extending upwards of 400 miles from east to west, and from latitude 36 1-2 to 39 degrees north.

In order to ascertain the filiation, migrations and annals of the American nations, all the sources have been consulted from which plausible or certain information might be derived. The evidences which they afford, stand in the following order:—
1, Features and complexions of nations; 2, their languages; 3, their monuments; 4, their religions; 5, their manners; 6, their histories; and 7, their traditions.

1. The white, tawny, coppery, brown and black varieties of mankind are connected by numerous links, and claim a common origin; they have been early divided, variously separated, and occasionally blended again, yet preserving a sufficient distinction to guide us in tracing their successive settlements.

The white men became tawny by constant exposure, brown in warm climates, coppery in cold regions, and black in the sands of India and Africa. The Mongol features had origin in the deserts of Northern Asia, and the negro features in those of Southern Asia and central Africa. There are Mongols with

different complexions, white, pale, tawny, yellow, olive, coppery, &c.; and there are white, yellow, brown and black negroes. Real negroes have been found in all the parts of the world, except Europe and North America, while in Africa they are confined to the central and western parts of that continent.

2. The primitive language of mankind was gradually modified and divided into dialects, which became languages after producing other dialects: their mixture has produced all those which have existed or still exist. The analogies of those dialects, in their roots and most important words, afford the best mean to trace the relative parentage of nations.

3. 4. 5. Monuments of arts, traces of various religions and similarity of manners, compared and elucidated by each other, are of high importance in historical investigation.

6. 7. There is such a diversity in the ancient history, chronology and traditions of the several nations, that it is very difficult to fix precisely the dates of many events; but we may trace with a bold hand a general view of their migrations and settlements: although the revolutions of the earliest empires are involved in fables, we can draw even from those fables, some correct inferences and true events.

It is almost impossible to make a plausible choice among the various chronological tables, even of the many texts of the Sepher or Hebrew Bible, and not easy to make them harmonize with the contradictory accounts of Berosus, Plato, Herodotus, Sanchoniato, Manetho, the Hindoux, Chinese, &c. I shall not attempt it at present, as this would require too many discussions, and I shall substitute thereto mere periods of time, or epochs, which may be composed of indeterminate ages.

Part I.....Pro Clio,

OR, GEOLOGICAL ANNALS OF THE REVOLUTIONS OF NATURE IN
KENTUCKY.

1. EVERY complete history of a country ought to include an account of the physical changes and revolutions, which it may have undergone.

2. The documents for such a geological survey, are to be found every where in the bowels of the earth, its rocks and strata, with the remains of organized bodies imbedded therein, which are now considered as the medals of nature.

3. The soil of Kentucky shows, like many other countries, that it has once been the bed of the sea. In James's Map, the primitive ocean is supposed to have covered North America, by having a former level of 6000 feet above the actual level. Since the highest lands in Kentucky do not exceed 1800 feet above the level of the actual ocean, they were once covered with at least 4200 feet of water.

4. The study of the soil of Kentucky, proves evidently the successive and gradual retreat of the salt waters, without evincing any proofs of any very violent or sudden disruptions or emersions of land, nor eruptions of the ocean, except some casual accidents, easily ascribed to earthquakes, salses and submarine volcanoes.

5. There are no remains of land or burning volcanoes in Kentucky, nor of any considerable fresh water lake. All the strata are nearly horizontal, with valleys excavated by the tides and streams during the soft state of the strata.

6. After these preliminary observations, I shall detail the successive evolution of this soil and its productions, under six distinct periods of time, which may be compared to the six epochs or days of creation, and supposed to have lasted an indefinite number of ages.

1st Period.—General Inundation.

“In the beginning, God created the heavens and the earth.”
 “And the spirit of God was moving over the waters.”

The briny ocean covers the whole land of Kentucky, and the United States, rising above 4000 feet over the Cumberland or Wasioto mountains, and 5000 feet over the limestone region near Lexington. The Oregon and Mexican mountains alone rise above the waters in North America.

Gradual decrease of the ocean, by the decomposition and consolidation of the waters in the formations of rocks and deposition of strata. The rate of this decrease can only be conjectured, and is rather immaterial. The ocean subsides to 3000 feet.

The parallel strata are formed in the following order, or nearly: 1, limestone; 2, slate; 3, sandstone; 4, freestone; 5, grit; 6, pebble stone. They are not always superincumbent, nor co-existent: but are generally horizontal, except the four last towards the Cumberland mountains, which having probably a granitic nucleus, have compelled the incumbent strata to become obliquial or slightly inclined from 10 to 30 degrees.

By the operation of submarine volcanoes, the strata of coal, clay and amygdaloid are formed and intermixed at various intermittent times with the above strata.

Several minerals, flint, quartz, calcedony, onyx, ovulites, marls, barytes, iron, lead, pyrites, &c. are successively formed and imbedded or alternated with the prominent strata.

CREATION OF SEA ANIMALS, fishes, shells, polyps, &c.; the exuvia of many pelagic animals become buried under or within the strata, where they exist to this time: they belong principally to the genera *terebratula*, *gonotrema*, *orthocera*, *encrinites*, *pentremites*, *turbinotites*, *astrea*, *millepera*, *cyclorites*, *mastrema*, *favosites*, &c.

2nd Period.—Emersion of Mountains.

The Cumberland or Wasioto mountains emerge from the sea, which sinks to the level of 1500 feet above its actual level, and form a peninsula attached to the Allegheny Island or mountain. The schistose formations proceed under water.

The Black, Laurel, Pine, Log and Gelico mountains emerge successively, after the Cumberland mountains, and an inland sea remains between them, surrounded by sandy hills.

The heavy tides and rains furrow these new lands, and form valleys through the soft sandy strata.

Grass and reeds grow, VEGETATION BEGINS. Springs appear. Streams begin to flow, and gradually increase in length as the land extends, but decrease in depth and bulk by the excavation of valleys.

3d Period.—Emergence of Table Lands.

Further diminution of the sea, till its level is reduced to 1100 feet above the actual level, and all the table lands and high lands of Kentucky become uncovered.

An inland sea remains over the Ohio limestone basin, covering part of the states of Ohio and Indiana, and extending from the actual mouth of Scioto river to that of Salt river. It is bounded W. and S. by Muldrow hill, or the ascent of the central table land of Kentucky, E. by the Knob hills of Kentucky and Ohio, N. by the Silver hills of Indiana.

Another inland sea fills the actual Cumberland basin, bounded N. by the Green river knobs, S. by the Cumberland mountains, and open to the west.

The upper Cumberland sea is drained, the Cumberland river flows, forms its upper valley, the Falls, and empties into the Gulf of Cumberland.

The Ohio flows above the Scioto, and falls into the large Limestone sea; a long and narrow straight is formed below the Silver hills.

Green river forms its valley, &c. All those streams and their branches excavate deep valleys. The Kentucky river falls into the Limestone sea below Red river.

The knobs are formed like downs on the shores of the Limestone sea. Muldrow hill shaped like a wall by the currents being principally composed of slate schist.

Sea animals still living in the Limestone sea, and their exuvias imbedded in the last limestone schist.

CREATION of land animals, insects, reptiles, birds and quadrupeds on the dry land.

Vegetation increases, a thin soil is formed, trees and shrubs begin to grow, and form forests: they succeed the mosses, reeds, grasses and maritime plants produced in the second period.

4th Period.—*Draining of the Limestone Sea.*

Level of the sea gradually reduced to 700 feet above the actual level. The Limestone sea of Kentucky drained, but full of marshes, and muddy swamps; licks, clay and marl salses, &c.

The Ohio river and its branches, Kentucky, Licking, Salt, Miami, &c. excavate their valleys in the soft muddy lime strata, which only became indurated after a long lapse of time.

The plains and glades of the Cumberland gulf are drained, and the sea recedes west of them, to the alluvial gravel hills, formed under water, between the actual Cumberland and Tennessee valleys.

The alluvions and bottoms begin to form in the valleys and gulfs, by the attrition of the strata and soil conveyed and deposited by the streams.

Animals and plants increase and spread; the sea animals become gradually extinct, while the land animals multiply their individuals and species.

Some small lakes and ponds left over the land. The sinks and caves of the limestone regions are formed. A soil is formed by the decomposition of strata and the decay of vegetable substances.

CREATION OF MANKIND in Eden, in the highlands of Asia.—*Adam, or Admo, or Adimo, (first man;)* and *Eve, or Evah, (life;)* are the parents of the primitive or antedeluvian nation, called the Adamites.

This fourth period of Kentuckian history, answers therefore to the sixth day or period of the general creation. The first and second periods of creation having produced the light, suns, stars, planets, and the earth with her primitive crystallized mountains, rising from 10 to 30,000 feet above the actual ocean, besides the burning volcanoes, &c.

5th Period.—Noah's Flood.

Great flood of Noah, Nuh, Menu, or Nahu, in the eastern continent, which may have reached America; but has not left any evident traces of any such violent convulsion, (in Kentucky at least;) the organic and human remains buried in the soil, are all in gradual depositions.

In Kentucky the ocean, which still bathes its western corner, subsides gradually to 300 feet above its actual level, and abandons Kentucky forever; forming merely a gulf in the Mississippi valley.

The great northern inland sea of North America, which included all the great lakes, and extended from the Mississippi to the Gulf of St. Lawrence, is gradually drained. The great lakes with their outlets and falls are formed.

South of Kentucky, the Gulf stream of Mexico deposits the alluvial ground reaching from Louisiana to New York.

All the valleys of rivers and creeks in Kentucky, &c. receive their present shape.

Stratas begin to consolidate. The ponds and marshes decrease; but the salses or muddy volcanoes increase. Vegetation overspreads the soil. Animals multiply. Earthquakes are frequent; some strata are deranged by them.

6th Period.—Peleg's Flood.

Great volcanic eruptions of the sea in Europe, America, &c. with awful earthquakes, convulsing the Atlantic ocean, West Indies, Mediterranean, &c.; destroying many countries and men.

The ocean acquires its actual level, and the American continent its actual shape.

The strata become indurated, and the soil firm and solid. Lakes disappear. Springs diminish, and streams decrease in bulk; rains are less heavy, &c.

Huge animals ramble over the soil, such as the mammoths or mastodons, elephants, megalonyx, big bears, elks, buffaloes, jaguars, &c.; they form licks. Some of them become extinct; their bones are found at Big-bone lick, Drennon's lick, the Ohio valley, &c. in the mud or alluvions.

Part II.....Clio,

OR, HISTORICAL ANNALS OF MANKIND IN KENTUCKY.

CHAP. I.—ADAMITES, &c.

RELIGION, philosophy, geology, history, and tradition, combine to teach and prove that mankind was created in Asia, and that the second cradle of mankind after Noah's flood was also in the lofty lands of Asia, where mountains and peaks from 20 to 30 thousand feet high (over our actual ocean,) arise among table lands elevated from 10 to 15,000 feet. The loftiest table lands and mountains of America are much less elevated, from 6 to 22 thousand feet at utmost, and they are besides entirely volcanic, unfit therefore to have been the cradles of mankind. It is an evident and positive fact therefore, that America was populated from the eastern continent in the first instance.

The first cradle of mankind was called Eden, or Ima, and was in the highest land of Asia. The Adamites, or Antedelvians, were spread over the eastern continent; but we have no positive proofs that they came to America, as very few, if any, remains have been found that might be ascribed or traced to that previous existence of mankind. I shall not venture therefore to offer mere conjectures on that subject. All the American nations can be traced to the second human stock, and need not therefore be deemed descendants of the Adamites.

The second cradle of mankind has received many names,—Theba, Tibet, Meru, Iran, Taurus, Ararat, &c.; all referring to lofty mountains of Asia. Noah, the second parent, monarch and legislator of mankind, was known to all the ancient nations under many consimilar names: He is the

Nuh of the Persians;
Menuh of the Hindoux;

Ta-nauh of the Scythians;
 Ni-nuh of the Assyrians;
 U-ra-nuh of the Celts;
 Pe-non of the Chinese;
 Me-non of the Armenians;
 Ac-moa of the Atlantes;
 Me-nu of the Egyptians;
 Oa-nos of the Chaldeans;
 Noch or Cox of the Mexicans;
 Noch or Moch of the Chiapans, &c.

The three sons of Noah were also known by many ancient nations under peculiar names.

The principal nations of the eastern continent which have contributed to people North America and Kentucky, were

The Atalans and Cutans, who came easterly through the Atlantic ocean;

The Iztacans and Oghuzians, who came westerly through the Pacific ocean.

CHAP. II.—THE ATALANS AND CUTANS.

THE history of those two nations, and of their settlements in America, may be divided into five periods, as follows:

1. From the dispersion of mankind to the first discovery of America, including several centuries.
2. From the discovery of America to the foundation of the western empires, including some centuries.
3. From the foundation of these empires to the Pelegian revolution of nature, including several centuries.
4. From the Pelegian revolution to the invasion of the Iztacan nations, including about twelve centuries.
5. From the Iztacan invasion to the decline and fall of the Atalan and Cutan nations in North America, including about thirty centuries to the present time.

1st Period.—To the Discovery of America.

After the Noachian revolution of nature, mankind was spread again over the earth, from Iran, Aran, Meru, Shinar or Cashmir, different names given to the highlands of Asia.

The first colonies of the primitive nation, preferred to reside on mountains:—the mounts Shingar, Hima, Liban, Ghaut, Shensi, Laos, Altay, Caf, Arat, Cush, Ural, &c. in Asia; the mounts Carpath, Hemus, Arcad, Appenines, Alps, Pyrenees, &c. in Europe, and the mounts Atlas, Samen, Tigreh, &c. in Africa, became the first abode of nations, who gradually spread in the plains.

Several empires were successively established in Hindostan, China, Turan, Persia, Egypt, Abyssinia, &c. which underwent many revolutions, and sometimes attained universal dominion or preponderance.

The nations which peopled the western shores of the eastern continent, were the Gomerians in Europe and the Atlantes in Africa. The Atlantes formed a powerful empire in North Africa, which gave laws to many nations, such as the Lehabim or Lybians, the Phuts, Naphthuhim or Numidians, the Warbars, Barabars or Berbers, the Darans, the Garamans, the Corans or Guanches, &c.

In Europe, the Gomerians divided into many nations; those that occupied the sea shores were—1st. the Pelasgians, scattered from Greece to Ireland, under the names of Tirasians in Thracia, Arcadians in Greece, Lestrigons in Sicily, CEnotrians &c. in Italy, Tubalans in Spain, Cunetans or Henetans in France; Termurians in Ireland, &c.;—2nd. the Celts, or Pallas, who became Hellens or Yavanas in Greece, Meshekians, Ausonians and Ombrians in Italy, Sicules in Sicily, Gaels in France, Hesperians and Gadelians in Spain, Direcotians in Ireland, Cumrics in Scotland, Feans or Fcines in England, &c.;—3d. the Sacas, who became Magas in England, Saxons and Rasins in Germany, Etruscans or Tuscans in Italy, Sicaniars in Sicily, &c.;—4th. the Garbans, who became Cyclops in Greece and Sicily, Ligurians in Italy, Cantabrians in Spain, Bascans in France, &c.

All those nations were intimately connected in languages and manners. The Pelasgians were bold navigators, and ventured to navigate from Iceland to the Azores and Senegal. The Azores, Madera, Canary and Capverd islands were then

united in one or more islands, called the Atlantic Islands, which have given the name to the Atlantic ocean, and were first populated by the Darans and Corans or Western Atlantes. Iceland was called Pushcara, and was not settled, owing to the severe climate and awful volcanoes.

Numerous revolutions and invasions took place among those nations, until at last the Atlantes of Africa, united them all by conquest in one powerful empire, which extended over North Africa, Spain, France, Italy, part of Greece, Asia, &c.; and lasted many ages under several dynasties and emperors.

It was during the splendor of this empire, that America was discovered, by some bold navigators who were led by the trade winds, to the West Indies, in a few days from the Atlantic islands. They called them Antila Islands, which meant before the land, and America was called Atala or Great Atlantes.—Returning to the Azore land, by a north east course, they extolled the new country, and a great settlement was soon formed in Ayati or Ayacuta (Hayti,) and the neighbouring continent by the Atlantes.

2nd Period.—To the Foundation of Empires.

The Atalans, or American Atlantes spread themselves through North and South America, in the most fertile spots; but the marshy plains of Orenoe, Maranon, Paraguay, and Mississippi, as well as the volcanoes of Peru, Chili, Quito, Guatimala and Anahuac, prevented them from settling those parts of the continent. Many of the subjects of the Atlantic empire, such as the Tubalans, Cantabrians, Cyclops and Cunetans, follow the Atalans in America, and become the Cutan nations.

It is very difficult to trace the American nations, who have sprung from those early settlers, owing to the numerous revolutions and intermixtures which they have undergone: nor is it my intention to give now a complete genealogy of the Atalan and Cutan nations, I must confine myself to North America, or even Kentucky.

The Allegheny mountains were called Localoca. Beyond them the country was called Great White Land, (Mahasweta-Bhumi of Hind:) and it became the seat of a great empire,

or the **Western Atlantic Empire**. This included of course Kentucky, but extended from lake Ontario in the north, to the Mississippi. The Atlantic shores called *Locuta*, or *Lachacuta*, were not settled, owing to their arid soil, lately emerged from the sea. This western empire may be called the **Atalan empire**.

3d Period.—To the Revolution of Pelcg.

The country watered by the Ohio and its branches was the centre of the **Atalan empire**, and its metropolis stood somewhere on the Ohio. It was divided in several provinces, and ruled by a powerful monarch of the **Atlas family**. The Atlantic monarchs of Africa, Europe, *Atlantia* and *Atala*, often contended for supremacy, and the **Atalan emperors** obtained it once. Their dominion extended from *Atala* to *Syria*: they were repulsed in *Greece* and *Egypt*. The African emperors were acknowledged generally as lords paramount; but they resided in *Europe* as often as in *Africa*, and had to contend against the **Titans**, a branch of their family reigning in the *Alps*.

There were successively many Atlantic emperors and monarchs, bearing the names of *Ian*, *Atlas*, *Acmon*, *Ouran*, *Ilan*, *Silvan*, *Sanu* or *Satur*, *Japet* or *Yudish*, *Titan*, *Neptune* or *Naphtur*, *Plut*, *Evenor*, *Oanes*, *Derceto*, *Tritan*, *Muth*, *Lucip*, *Rahu*, &c. in both continents, who were often at war with the monarchs of *Egypt*, *Ethiopia*, *Scythia*, *Iran*, and *Bharata* or **Hindustan**.

An intercourse was kept up more or less regularly between all the primitive nations and empires from the *Ganges* to the *Mississippi*. *Crishna* or *Hercules*, and *Ramachandra*, two heroes of *India*, visited *Atala* and the court of the western monarchs, which is called one of the heavens on earth, by the holy books of the east.

The **Atalans** were civilized like the **Atlantes**; lived in towns; built houses of wood, clay and rough stones. They worshipped the sun and moon as emblems of the Deity, and built them circular temples. They knew geometry, architecture, astronomy, glyphic signs, or writing; the use of metals, agriculture, &c.

They had public games, festivals, &c. Their food was flesh, fish, fruits, roots and corn which they brought from the east.

At the time of their highest prosperity, a dreadful convulsion of nature happened in the Atlantic ocean, and other parts of the world, which is recorded in the oldest annals of many nations, the Hebrew, Hindoux, Chinese, Mexican, Greeks, Egyptians, &c. It appears to have been occasioned by simultaneous eruptions of volcanoes and earthquakes, which sunk, destroyed or convulsed many islands and countries, and among others the Atlantic land, of which the volcanic islands Azores, Madera, Canary and Capverd are the remains.

In America, the Antilan lands were severed, the Carib islands formed, the Atlantic shores inundated by awful tides, and many countries sunk or altered. This cataclysm is the division of the earth under Peleg, the flood of Ogyges or Ogug, the sanscrit convulsion of the White sea or Atlantic ocean.—The terror occasioned by this phenomenon interrupted the intercourse between Europe and America. The Eastern Atlantes thought that the whole American continent had sunk, like the Atlantic and many Antilan islands; and the Atlantes of the interior of America became insulated and separated from the Atlantic empire.

4th Period.—To the Iztacan Invasion.

The Atalans of North America became now divided in many states and nations, such as

The Apalans or Tlapalans, scattered from Florida to Virginia.

The Timalans from Texas to Guatimala.

The Pocos or Locans from the Allegheny to Panama.

These divided again into Golocas, Conoys, Nanticoes, Zolucans, Lomashas, Popolocas, Waccons and Poconchians.

The Corans from Missouri to Mexico.

The Talegans in Kentucky, Illinois, Ohio, Virginia, &c.

While the Cutans of North America became also independent, and formed many nations, such as

The Ayacutans of Hayti, &c.

The Lachacutans of Cuba and Alachtuans of Florida.

The Yucutans of Mexico, and Yucuyans of Bahama.

The Arohuans of many islands and South America.

The Tunicas of Louisiana, Tepeacas and Tononacas of Anahuac.

The Panucans of Texas, and Tanutans of Tennessee.

The Catabans of Carolina and Florida.

The Cuzans, Cuzadans or Quezcdans of Tennessee and Alabama.

All those nations were often contending for supremacy; except the Islanders, who became happy peaceful nations, whence the West Indies were called the Fortunate Islands when discovered again.

It appears that the Talegans of the Ohio, and the Apalans south of them, were two of the most powerful empires of that period. The Apalans had many provinces or tribes, such as the Apalachis, Apalehen, Tlapañ, Alatamaha, Ichiti, Opalusas, &c.; and were often at war with the Talegans.

These Talegans, which we found named Talegawcs or Alleghanys afterwards, had dominion over a large extent of country. Their several provinces were situated in the most fertile regions, such as Kentucky, Ohio, the Kenhaway valley, the Illinois, the banks of lake Erie and Ontario.

After some centuries, America was visited again by the nations of West Europe and Africa, but neither frequently nor in numbers. A casual intercourse was restored between the two continents. The Azores were visited as well as Madera, but not peopled owing to their active volcanoes; but the Canary or Hesperides islands were; from thence the navigators went to Cerne or St. Jago, and in 18 days to the Carib islands.—About this time the Carib, or Galibis, must have come to South America; they appear of Cantabrian origin. The great nation of Guarani which extended all over Guiana, Brazil and Paraguay was of Daran origin and previous arrival.

When the Arcutans or Fermurians of Ireland, were expelled by the Dannans, a tribe of Pallis or Gaels, (after many revolutions in the island,) they fled to Ayacuta, or Western Island of Hayti, and became probably the Arohuac nation.

Till then all the inhabitants of America had come from the east; but now a great invasion took place from the west or from Asia. Perhaps these Asiatic nations had crossed the ocean before the Pelegan or Ogugan catastrophe. They are traced to the north west coast of America, and gradually came in contact with the Atalans and Cutans on the Missouri and in Anahuac. I shall call them Iztacan, from their ancestor Iztac.

5th Period.—Decline and Fall of the Atalans, &c.

The wars which happened in consequence of the Iztacan invasions, had the effect to annihilate some nations, and scatter many other, while several were subdued and incorporated with their conquerors. Kentucky was conquered by the Ulmecas, the Huasiotos and Taensas, three Iztacan nations. After the successive rule of these nations on the Ohio, the Siberian nations or Oguzian tribes began to appear and wage war on the Iztacans and the Atalans, which they drove away to the south. The last remains of the former Atalans and Cutans, which can be traced to have escaped these conflicts and were still existing towards 1500, were the following:—The Wocons in Carolina, the Homoloas, Malicas, Apalachians and others in Georgia and Florida, the Conoys of Virginia, the Nanticoes of Maryland, the Catabas of Carolina, the Cahuitas and Calusas of Alabama, the Tunicas of Louisiana, the Corans, Coroas or Escoros of the Missouri, Arkanzas, Carolina, California and Mexico; besides many nations of Anahuac, &c.

Before the christian era a casual intercourse was kept up between the two continents. The Phenicians and Gadesiems traded to America: this continent was known to the maritime nations of West Europe and North-west Africa. The Numidians went there 2000 years ago, as well as the Celts; they frequented Paria and Hayti principally. The Etruscans, a powerful nation of Italy, who settled there from the Rhetian Alps about three thousand years ago, went to America and wanted to send colonies there, but were prevented by the Carthagenians. This intercourse gradually declined, owing to the numerous shipwrecks and warlike habits of the Caribs,

Iztacans and Oguzians, till the knowledge of America became almost lost or clouded in fables and legends.

During the decline of the Atalans, some fled to Anahuac and South America, where they founded new empires, or civilized many nations, such as the Cholulans of Anahuac, and the Muisca, Puruays, Collaos, Tiahuanacos and Cojas of South America, who ascribe their ancient civilization to white and bearded strangers.

Thus the ancient arts and sciences of North America were transferred to the South. In the greatest splendor of the Atalans and Cutans, they had built above one thousand towns on the waters of the Ohio, of which nearly two hundred were in Kentucky, and the remains of above one hundred are seen to this day. The population must have been as great as the actual one, and Kentucky must have had half a million of inhabitants at least. The monuments of these early nations are easily distinguished from the subsequent Iztacan monuments, by a greater antiquity, their circular, elliptical and conical shapes.

CHAP. III.—HISTORY OF THE IZTACANS.

THE annals of the numerous nations who claim this origin, may be divided into five periods of time.

1. From the Iztacan empire of Asia to the Iztacan settlements in America and Kentucky, including many centuries.
2. From the invasion of Kentucky to the foundation of the Natchez empire, including about ten centuries.
3. From the Natchez empire to the Oghuzian invasion, including about five centuries.
4. From the Oghuzian invasion to the expulsion of the Natchez from Kentucky, including about five centuries.
5. From the Natchez expulsion to the present time, including the Chicasa and Cherokee dominions in Kentucky,—about ten centuries.

1st Period.—To the Invasion of Kentucky.

Soon after the formation of the great Asiatic empires of Iran, Ayodhia, Vitra, China, &c. another was founded near the

Caspian sea, on the mountains of Caf or Caucasus and Vipula or Bactria, which was successively called Aztula, (strong land) Aztlan, Tula, Tollan, Turan, &c. The first monarch of it was Iztac-mixcoatl, (strong head snake:) He had six sons, who became the heads of as many nations; they were

Xelhua or Colhua, the father of the Colhuans, &c.

Tenoch or Tenuch, ancestor of the Tenuchs, &c.

OlmecatI or UlmecatI, ancestor of the Olmecans, &c.

Xicalancatl or Xicalhan, of the Zicalans, &c.

MixtecatI or MiztecatI, of the Tecas, &c.

OtomitI, ancestor of the Otomis, &c.

From these have sprung all the Iztacan nations, scattered all over North America and part of South America.

Many other empires having begun to rise in the vicinity of Aztlan, such as those of Bali, Scythia, Thibet, Oghuz, the Iztacan were driven eastwards, north of China; but some fragments of the nation are still found in the Caucasus, &c. such as the Abians or Abassans, Alticezecs, Cushazibs, Chun-sags, Modjors, &c.

The six Iztacan nations being still pressed upon by their neighbours the Oghuzians, Moguls, &c. gradually retreated or sent colonies to Japan, and the islands of the Pacific ocean; having discovered America at the peninsula of Alasca, during their navigations, the bulk of the nation came over and spread from Alasca to Anahuac, establishing many states in the west of America, such as Tula, Amaquemecan, Tehuajo, Nabajoa, Teopantla, Huehue, and many others.

After crossing the mountains, they discovered and followed the Missouri and Arkanzas rivers, reaching thus the Mississippi and Kentucky.

2nd Period.—To the Foundation of the Natchez.

The Olmecas or Hulmees were the first Iztacans who ventured to come to Kentucky, where they did not make a permanent settlement. They came in contact with the Talegans, and not being able to subdue them, they left the country, invaded Tennessee, &c. The Winginas and Westoes of Carolina, as well as the Yamassees of Georgia, may be remains of these Olmecas; but the bulk of the nation went to Anahuac,

with the Xicalans, having made an alliance with them. The Xicalans were another Iztacan nation who had come down the Arkansas; meeting on the Mississippi with powerful Atalans, such as the Corans, Talagans, &c. they joined the Olmecas in a confederacy against them.

After partly settling in Alabama, Tennessee, Georgia and Florida; they were both compelled to go to Anahuac, which they reached from the north-east, and where they became powerful in time.

The Otomis were the most barbarous of the Iztacans, being hunters rather than cultivators; they had spread gradually from the Missouri to Anahuac, in the rear of the Xicallans, under the names of Mazahuas or Mahas, Huashashas or Ozages, Capahas or Arkansas, Otos or Huatoctas, Minawas or Missouri or Ayowas, Dareotas or Nadowessis, Huatanis or Mandans, &c. They began to make war on the Talegans of Illinois, Ohio and Kentucky, and the Otos appear to have become the Sciotos of Ohio, the Huasiotos of East Kentucky, and the Utinas of Florida.

The Colhuans and Tenuchans came the last on the Arkansas, and settled the kingdoms of Tollan, Tula, Huehuc, Copatta, &c. in that region. The Atalans and Iztacans were successively at war or in peace; but the Iztacans prevailed at last in West Kentucky, when all the Iztacans east of the Mississippi formed a confederacy against the Atalans; this was the beginning of the Natchez dominion.

During these struggles, many peaceful Atalans left the country and went to Anahuac, Ayati, Onohualco and South America, where they became legislators and rulers.

3d Period.—To the Oghuzian Invasion.

The Natchez empire, or confederacy of Iztacan nations, extended from the Ohio to Florida, and from the Alleghenies to the Mississippi; west of it were the kingdoms of Capaha, Pacaha and Copatta, (perhaps only one,) also Iztacan. This confederacy consisted of five hundred towns, and many tribes, such as the Natchez, Taensas, Chitimachas, Movila, Yasoos or Hiazus, and many more. East of them were the Apalachian

and Cataba confederacies, and north the Talegans who had retreated on the north side of the Ohio.

The nations forming this empire or league, were civilized and cultivators; they became polished by their intercourse with the Atalans, and borrowed many customs from them.— They worshipped the sun and fire; but did not build circular temples, erecting instead pyramids and high altars, generally of a square or angular form. Each tribe had a king, each town a governor; but the Natchez kings who were called Suns, had the supremacy over all. Agriculture and trade were well attended to. Many contentions and revolutions happened; but the Oghuzian invasion was the most fatal.

The Siberian nations, which had spread over the north of Asia at the dissolution of the Oghuzian empire, having come to America across Behring Strait, sought milder climates by travelling south, and coming in contact with the civilized but less warlike nations of anterior origin, began to wage war over them, and drive them gradually further south, towards Florida and Anahuac.

4th Period.—To the expulsion of the Natchez from Kentucky.

At the Oghuzian invasion, the Taencas, a Natchez tribe, occupied West Kentucky, the Huasiotos were in East Kentucky, and some Talegans still held the banks of the Ohio, &c.

The Cherokees or Zulocans, an Atalan nation dwelling west of the Mississippi, being driven by the Oghuzians, came to Kentucky and Tennessee, and settled at last after many wars in the mountains of Carolina, where they became a nation of hunting mountaineers, and gradually destroyed the Huasioto nation of the Cumberland mountains.

The Shawanees, an Oghuzian tribe, came then in contact with the Natchez and expelled them from Kentucky, which they occupied for a long time.

The Talegans north of the Ohio, were partly destroyed or driven south, through Kentucky, to join the Apalachian, or down the Mississippi towards Louisiana and Mexico.

5th Period.—To the present time.

The Natchez confederacy declined gradually, becoming di-

vided into several independent nations, such as the Taensas, Chitimachas, Alabamas, Coosas, Cahuitas or Cowetas, Wiggins, &c. spread from Louisiana to Carolina, which however did not wage war together, but were often united against the Cherokees, Catawbas and Oghuzian nations.

When the Toltecas of Mexico drove away the Xicallans, the bulk of that nation came to the Mississippi, and settled on both sides of it, above the Natchez; many nations have sprung from that stock, all intimately connected in language and manners, such as the Chicadas, Chactaws, Yazooos or Tapousas, Muscolgees, Cofachis, &c. spreading north and east of the Natchez, they formed a bulwark between them and the northern invaders; the Chicadas extended their conquests to the banks of the Ohio in Kentucky.

The great Otomi nations, extending from the Missouri to Anahuac, divided into numerous tribes, such as the Osages or Wahashas, Missouris, Ottos, Mazahyas, or Omahaas, Capahas or Arkansas, Mandans, &c.: the Osages, Missouris and Arkansas, penetrate as far as West Kentucky, the banks of the Wabash, &c.

A succession of wars and contentions take place between the numerous nations of various stocks scattered in North America, by which they are weakened and prevented from improving their civilization, or uniting against the encroachments of the Europeans.

The Spanish, French, and English, after the discovery of America by Columbus, settle in North America, and in three hundred years occupy all the land from Canada to Mexico, except a few small spots, acquiring possession of it by various means, conquests, cessions or purchases.

CHAP. IV.—HISTORY OF THE OGHUZIANS.

SOMETHING like a chronological order can be now introduced. The records of the Mexicans, the traditions of many Oghuzian nations, and the annals of the Europeans, afford sufficient materials for a complete history; but I must be very brief.

1st Period.—From the Invasion of North America by the Oghuzians, towards the first year of our Era, to the Defeat of the Talegans, towards 500, including five hundred years.

Nearly two thousand years ago, great revolutions happened in the north of Asia; the Oghuzian empire was severed, and a swarm of barbarous nations emigrating from Tatory and Siberia, spread desolation from Europe to America. In Europe they nearly destroyed the powerful Roman empire, and in North America they subverted many civilized states.

Several of those Oghuzian nations, driven by necessity or their foes to the north-east corner of Asia, came in sight of America, and crossing Berhing Strait on the ice, at various times, they reached North America. Two of them, the Lenap and the Menguy, seeking milder climates, spread themselves towards the south; while another, the Karitit, which came after them, spread on the sea shores from Alaska to Greenland, and some others settled on the north-west coast of America.

The Lenaps after settling some time on the Orègon and Multnomah rivers, crossed the Oregon mountains, and following the Missouri, fighting their way through the Ottomies, &c. they reached the Mississippi, nearly at the same time with the Menguys, who had come north of the Missouri. They found the powerful Talegans in possession of Illinois, Ohio, Kentucky, who opposed their progress and cut off the first party that ventured to cross the Mississippi. A long war ensued, in which the two Oghuzian nations joined in a confederacy against the Talegans, and succeeded after a long struggle to drive them away to the south.

2nd Period.—From the Defeat of the Talegans, towards 500; to the Dispersion of the Lenaps, towards 800.—including three hundred years.

When the Lenaps had defeated the Talegans, they had to contend with the Natchez of West Kentucky, the Huasiotos of East Kentucky, the Sciotos of Ohio, besides many remaining branches of the Atalans, Cutans, &c. scattered in North America, which they vanquished, destroyed or drove away, occupying all the country from the Missouri to the Allegheny mountains; while the Menguys settled north of them on the lakes.

The Lenaps were hunters, but lived in towns, and became partly civilized by the prisoners and slaves that they made.—They began to cultivate corn, beans, squashes, tobacco, &c. Their hunters having ventured across the Allegheny mountains, discovered a fine country not occupied by any nations, in Maryland and Pennsylvania. Many were induced to remove to that country, where they should be more distant from their southern foes.

A settlement was made east of the mountains, and the great Lenapian nation became thus divided into many distant tribes, independent of each other; but connected by a similarity of language, religion, manners, and acknowledged origin.

The principal of these tribes, which thus became independent nations, were the Chinucs on the Oregon, the Anilcos and Quiguas on the Missouri, the Utawas and Miamis north of the Ohio, the Shawanees or Massawomees in Kentucky, the Mohigans and Abnakis in New England, the Sankikans in New Jersey, the Unamis and Minsis in Pennsylvania, the Powhatans in Virginia, the Nanticoes in Maryland, the Chipeways and Clistenos on the upper Mississippi, &c.

A similar division took place in the Menguys, and the independent nations sprung from them, were the Huroñs or Wyandots near lake Huron, the Erics or Erigas on lake Erie in Ohio, the Tuscororas in Kentucky, the Senekas, Mohawks, Cayugas, Oneidas on the St. Lawrence, &c. That portion of the nation which remained west of the Mississippi, became mixt with some Otoman tribes, and formed the great Darcota nation, since divided into many tribes, such as the Sioux, Assiniboils, Tintons, Yanctons, &c.

3d Period.—From the Dispersion of the Lenaps, towards 800, to the Shawanee Confederacy, towards 1100—including three hundred years.

The Oghuzian nations had united for a long while against their southern enemies; but many Menguy tribes became jealous of the Lenaps when they saw them possessed of the best lands and growing very powerful. Dissentions occurred between the various tribes east and west of the mountains. The

Senekas and Mohawks begin to quarrel with the Mohigans and Lenaps. They endeavour to excite wars between them and the Cherokees. Several wars occur between the Lenaps and many Menguys, in which the Wyandots and Erigas take no part.

Meanwhile the Shawanees of Kentucky have many quarrels and wars with their neighbours; they drive away the Tuscaroras to Carolina, and some Erigas towards Florida. They wage war by turns with the Natchez, Tapoussas, Cherokees, and Apalachians to the south, with the Catabas, Wocons and Westos to the east, the Capahas, Ozages, &c. to the west. Not satisfied with the possession of Kentucky, they extend their conquests and settlements as far as lake Ontario to the north, in Carolina and Georgia to the south. The Cumberland river became the centre of their settlements. They were hostile to all their neighbours except those of Lenapian origin, and being in contact with many more than any other branch, were considered as the bulwark of that nation.

In order to resist their numerous enemies, they formed a general confederacy extending from the Lakes to Florida, which soon became formidable even to their former allies, under the name of Massawomees or Wassawomees. The branches of this great alliance were known by the names of Sakis and Kieapoo in the west, Uchees and Chowans in the east, Satanas in the north, Savanas in the south, &c.

4th Period.—From the Shawanee Confederacy, towards 1100, to the Utawa Supremacy, towards 1400,—including three hundred years.

The Utawas were a branch of the Lenaps, settled north of the Lakes, and holding supremacy over the Northern Lenaps; being driven south of the lakes, by their wars with the Menguys, they assumed a superiority over the Miamis of Ohio, whom they defeated in battle; but they had more difficulty in their contentions with the powerful Shawanees. A long war was the result; the Utawas conquered part of central Kentucky, and compelled at last the Shawanees to acknowledge

them as superiors and entitled to hold the great council fire in the west, as the Lenaps did in the east.

During this struggle many revolutions had occurred around Kentucky. The Conoys had become powerful in the Kenhaway valley, and the Illinois on the Wabash. The Shawanees enter into an alliance with them. The Chicasaws begin to grow powerful in the south-west, and wage war with the Shawanees, &c.

The supremacy of the Utawas was acknowledged gradually by all the Lenapians west of the mountains, and the chief of that tribe was considered as the greatest chief. They settled in many parts of lake Huron and Michigan, on the Mississippi, and left Kentucky to the Shawanees.

5th Period.—From the Utawa Supremacy, towards 1400, to the Invasion of Soto, towards 1540,—including about 140 years.

Towards the discovery of America by Columbus in 1492, the situation of the nations residing in Kentucky or the immediate neighbourhood was nearly as follows:

The Massawomees or Shawanees had possession of the greatest part of Kentucky, the Cumberland valley in Tennessee, nearly all the banks of the Ohio, and they had settlements or colonies in Illinois, Georgia, Carolina, Genessee, &c. They had nearly one hundred towns, many of which very populous.

The Chicasaws claimed by conquest the west of Tennessee and Kentucky, and resided southerly of the Ohio.

West of the Mississippi near Kentucky, the most powerful nations were the Capahas, Ozages, Anileos, Quiguas, &c.; the two last of Lenapian origin, and extending east as far as the Wabash.

In Ohio were the Miamis, Erigas, Tongorias, &c.

In Virginia, the Conoys, Monacans, Powhatans, &c.

In Tennessee, the Cherokees, Chugees or Ichias, &c.

On the St. Lawrence, five tribes of Menguys—the Senekas, Mohawks, Oneidas, Cayugas and Onondagos, had united into a league, which soon became formidable (under the name of Iroquese or Five Nations,) to all the Oghuzian nations.

On the Atlantic shores the Lenapian tribes had divided into numerous nations, often at war with each other for supremacy or dominion.

Several other nations, besides the Atalans, Cutans, Iztacans, and Oghuzians, had reached various parts of America, before the modern Europeans, such as the Mayans or Malays, the Scandinavians, the Chinese, the Ainus, of Eastern Asia, the Nigritians or African negroes! &c.; but as they did not settle in or near Kentucky, they do not fall under my present scope.

CHAP. V.—HISTORY OF KENTUCKY, &c.

From the Spanish Discovery or Invasion under Soto, towards 1543, till the Settlement of Kentucky by the Virginians in 1773—including about two hundred and thirty years.

1st Period.—Introduction.

- 1492. Discovery of America by Christopher Columbus.
- 1496. Discovery of North America by Sebastian Cabot.
- 1512. Discovery of Florida, by J. Ponce De Leon.
- 1520. Discovery of Georgia by Mirvelo, who calls it Cicoria.
- 1525. Invasion of Georgia by D'Aillon and Mirvelo, who are defeated by the Shawanees and other nations.
- 1528. Second invasion and defeat of the Spaniards in Florida.
- 1536. Third invasion of the Spaniards in Florida. Alvar Nuncz discovers the Mississippi, and reaches Culiacan on the Pacific ocean across the continent.

2nd Period.—Sixteenth Century.

1539. Fern. Soto, governor of Cuba, invades North America with an army of 1050 men and three hundred horses: he lands in Florida, defeats many nations, and winters in Apalachia.

1540. Soto visits the Cofas, Cherokees, Shawanees, Curas, &c.; discovers Tennessee, wins a great battle at Mobile, and winters at the Chicasas.

1541. Battle with the Chicasas; Soto crosses the Chuca-gua or Mississippi, visits Capaha and Tula, discovers Arkansas, and winters in Utiangue.

1542. Soto wanders west of the Mississippi, discovers the Missouri, and dies at Guachoya, (the Washashas or Ozages) near

the Anilcos or Ilicos, (Illinois.) He is succeeded by Moscoso, who vainly attempts to reach Mexico by land, goes no further than the Aches or Panis, and returns to the Missouri near the Ozages, winters at Minoya or Minowas.

1543. The Spaniards reduced to 350 men, and threatened by the king of the Quiguas (or Wiwas,) with a powerful attack, embark in 21 boats, and going night and day, reach the mouth of the Mississippi in twenty days, after losing many men in battle with the Quiguas, who pursued them for ten days.— Only 300 Spaniards reached Panuco and Mexico. Discovery of Illinois and KENTUCKY in descending the Mississippi.

1545. The Muscogees settle east of the Mississippi, and become afterward the head of the southern confederacy.

1550. The Menguys begin to wage war with all their neighbours; they destroy the Satanas, a branch of the Massawomees, and settle in their country south of lake Ontario.

1560. The Massawomees of Kentucky are at war with the southern nations, and many eastern nations; but at peace with the nations north of the Ohio;—they form a settlement on the Susquehannah.

1562 to '68. Settlements and wars of the French and Spaniards in Carolina and Georgia, in which many nations take a part.

1584 to '89. First settlements of the English in North Carolina; wars with the Winginans, &c. Three unsuccessful colonies. Kentucky was included in the charter of the colony.

1590. Wahun-Sanacoc, king of the Powhatans in Virginia, conquers many tribes, and becomes formidable to all his neighbours, even the Massawomees and Erigas of Kentucky. He adopts Opechan, a wise Shawanee, for his brother, and makes him king of Pamunkey.

1595. The Erigas, a powerful nation of Menguy origin, is now scattered from lake Erie to Florida in various tribes, called Erieronons, Tongorias, Rechehecrians, Grigras, &c. and is at war with the Menguys of Genessee.

3d Period.—Seventeenth Century.

1607. Permanent settlement of the English in Virginia, the colony including Kentucky in its charter. The French settle in Canada.

1608. First interview of the English with the Shawanees or Wassawoomees of Kentucky. Sir J. Smith meets one of their war party in the Chesapeake, going to attack the Susquehannoes and Tocwoys. The Nantaquaes or Nanticoes of Maryland went to trade with them beyond the mountains.

1618. Death of Wahun Sanacoe, king of the Powhatans; he is succeeded by Opechan, the Shawanee king of Pamunkey, who takes the title of Mango-Peomen, and becomes the foe of the settlers.

1640. The Menguys succeed to destroy the Erigas of Ohio: the remains of that nation fly to East Kentucky, &c.

1642. End of the wars between the English and Powhatans, which had lasted twenty years; Opechan is taken, and dies, 95 years old: he is succeeded by his son Totopotomoi, who makes peace.

1654. Col. Wood explores Kentucky as far as the Mississippi.

1656. The Rechehecrians or Grigras cross the Allegheny, and invade Virginia, being molested by the Menguys; Captain Hill and King Totopotomoi who attack them, are defeated; the king is killed. They soon after leave the country, and are admitted by the Natchez into their confederacy.

1660. The Menguys rendered powerful by fire arms, lay waste all the country on the Ohio, and make war on the Tongorias, Shawanees, Miamis, Illinois, Chicasaws, Natchez, &c.; often coming down the Ohio in war parties. They destroy the Conoys or Kenhaways.

1667. Captain Batt visits the Allegheny mountains, from Virginia.

1670. Captain Bolt visits Kentucky from Virginia. Is he the same as the above?

1672. Father Marquette descends the Mississippi from Illinois, and discovers the Missouri, Ohio, Wabash, &c. He finds 40 towns of Shawanees on the Ohio and its lower branches.

1680. Father Hennepin descends the Mississippi to its mouth from Illinois, and visits Kentucky, &c. The Tennessee is called Cherokee river.

1683. Captain Tonti descends the Mississippi to its mouth, for the first time, with LaSalle. Kentucky visited again.

1685. Second voyage of Tonti down the Mississippi.

1688. Third voyage of Tonti down the same.

1700. At the end of this century, the Shawanees of Kentucky were defeated and humbled by the Menguys. Those of Georgia were compelled to enter the Muscolgee confederacy. The Tongorias of East Kentucky were united with the Cherokees; and the Illinois, Miamis, Kicapus, &c. often crossed Kentucky, to go to war against the Chicasas.

4th Period.—Eighteenth Century.

1710. Col. Spottswood, governor of Virginia, crosses the Allegheny mountains and explores the country near Kentucky.

1712. The great Apalachian nation destroyed, partly by the Carolinians in 1702 and the Alabamous in 1705; the remains blend with the Muscolgee confederacy.

1720: The French traders begin to descend the Ohio.

1722. Treaty at Albany between the Virginians and Menguys or Iroquese; the land west of the Allegheny ridge is acknowledged as belonging to the Iroquese, who claim it by conquest over the Erigas, Conoys, Tongorias, &c.

1731. The Natchez are destroyed by the French; the remains of that great nation take refuge with the Chicasas; a war follows in consequence with the French, which lasts many years.

1739. Mr. Longueil descends the Ohio, from Canada, and discovers Big-bone lick in Kentucky. Many Canadians follow that road.

1745. The Shawanees of Kentucky had retreated on the banks of the Ohio, Miami and Muskingum, to avoid their southern enemies, being now at peace with the Menguys, and allied with them against the Cherokees, Catawbas, Muscolgees, Chicasaws, &c. Kentucky remained the hunting ground of the northern and southern nations where they met at war.

1750. Dr. Thomas Walker, of Virginia, crosses the Allegheny and Wasioto mountains, which he calls Cumberland. He discovers Cumberland Gap, the Shawanee river, which he calls Cumberland river, Kentucky river, which he calls Louisa, &c.

1751. Several Indian traders descends the Ohio.

1752. Lewis Evans publishes his map of Kentucky, &c. from the account of those traders.

1754. James McBride descends the Ohio as far as the mouth of the Kentucky.

1760. Second visit of Dr. Walker to Kentucky, as far as Dick river.

1764. The Shawanees remove to Ohio from Pennsylvania, and to the Wabash from Green river.

1767 to 1774. Kentucky is visited by traders and hunters from Virginia and North Carolina, and begins to be settled, after extinguishing the claims of the Cherokees and Iroquese; but the Shawanees' best claim having never been attended to, this was the cause of the war which they waged with their allies, against the Virginian settlers for more than twenty years. Ever since 1756 an alliance of all the Oghuzian tribes north of the Ohio having been formed against the Iroquese, Cherokees and Chicasas, the Virginians were considered as new intruders, who had bought the land from their foes.

CONCLUSION.

ALL the details which might have explained, and the notes which would have proved, my statements, have been unavoidably omitted, in order to confine myself within the short prescribed limits. I am merely allowed to add the enumeration of the principal monuments of antiquity, and a mere list of the authors in which all the facts are to be found which I have asserted, except those derived from my personal examination of the geology, antiquities and languages of North America. A philological and ethnological view of nearly four hundred American and eastern nations or languages, with their comparative names for *land* and *water*, was also found by far too long for insertion, although this is now considered as the base of historical researches.

This page in the original text is blank.

I. APPENDIX.

ENUMERATION

Of the Sites of Ancient Towns and Monuments of Kentucky, &c.

THE following Catalogue contains the first general account ever published of the ancient monuments hitherto discovered in this State, the greatest part of which have been discovered, surveyed, drawn, and described by myself in my large manuscript work on the antiquities of Kentucky, which has nearly 100 maps and views. As a further illustration of the subject, I add a short account of the monuments of the surrounding States, so intimately connected with ours. They are all very ancient, except these marked L. which appear to be less ancient (from 100 to 1000 years) and to belong to the Lenapian nations.

Total No. of Sites Mons.		COUNTIES, &c.
1	3	In Adair, on the Cumberland river
1	3	Bath, on the waters of Licking river
4	8	Boone, on the Ohio, a town near Burlington, &c.
5	46	Bourbon. a circus of 1450 feet on Licking River, a town, polygon of 4675 feet on Stoner's creek L. &c.
4	0	Bracken, great battle ground, &c. near Augusta, iron rings and a copper medal with unknown letters, &c.
1	1	Caldwell, a stone fort on Tradewater river
1	1	Calloway, a mound 15 feet high on Blood river
2	4	Campbell, near Covington and at Big-bone lick
5	12	Christian, near Hopkinsville, &c. L.
5	18	Clarke, near Winchester, Boonesborough, &c.
6	6	Clay, near Manchester, &c.
15	36	Fayette, on North Elkhorn, a beautiful circus, a dromus, &c. on South Elkhorn, near Lexington, a polygon town, L. several squares. mounds, graves, &c. 9 East Indian Shells found in the ground, &c.
1	1	Gallatin, at the mouth of the Kentucky river
3	12	Garrard, principally mounds and small circus on Paint Creek, Sugar Creek, &c.
1	3	Greenup, fine remains opposite the mouth of the Scioto
2	5	Harlan, on the Cumberland river, near its source
2	7	Hart, mounds near Green river. &c. mummies in caves
5	16	Harrison, a circus near Cynthiana, many mounds, round, elliptical or ditched, 16, 20, 25 and 30 feet high
1	1	Hickman, a fine Teocalli on the Mississippi below the Ironbanks, 450 feet long 10 high, only 30 wide
4	1	Jefferson, on the Ohio near Louisville
4	10	Jessamine, mounds, graves, embankments,
3	7	Knox, On the Cumberland river, and near Barboursville
1	1	Lewis, on the Ohio

Total No.
of
Sites Mons.

COUNTIES, &c.

2	1	In Lincoln, on Dick's river, and near Wilmington
3	14	Livingston, an octogone of 2852 feet on Hurricane creek, &c. mouth of the Cumberland
10	42	Logan, towns and mounds on Muddy river, &c. a silver medal found in a mound
3	7	Madison, near the Kentucky, &c. mounds, &c.
2	2	Mason, near Washington, a small teocalli
3	35	M'Crachan, on the Ohio, a fine square teocalli of 1200 feet and 14 high, on the Mississipi, 5 rows of mounds, &c
6	12	Mercer, a fort on Dick's river, several remains on Salt river, &c.
10	48	Montgomery, squares, hexagons, polygons, &c. on Somerset and Buck creek, many high, round, elliptical or ditched mounds. A fine circus or circular temple, &c.
1	1	Pendleton, at the fork of Licking river
1	1	Perry, a long dromus near Hazard
2	7	Pulaski, stone mounds on Pitman and Buck creeks
1	1	Rockcastle, a stone grave 200 feet long, 5 wide, 3 high, near Mount Vernon
5	12	Scott, a ditched town near Georgetown, on the South Elkhorn, a square on Dry-run, &c.
2	2	Shelby, near Shelbyville, and south of it
3	24	Trigg, a walled town, 7500 feet in circumference, at Canton, on the Cumberland, inclosing several large mounds and a square Teocalli 150 feet long, 90 wide, 22 high. Many mounds on Cumberland, Little river, Cadiz, &c.
3	16	Warren, a ditched town, irregular octogone of 1385 feet on Bigbarren river, near Bowling green, inclosing 5 houses, and 2 teocallis. Mounds, &c.
6	66	Whitley a town on the Cumberland, above Williamsburgh, with 20 houses, and a teocalli 360 feet long, 150 wide, 12 high.—Remains of towns with houses on the waters of Laurel river and Watts creek
6	12	Woodford, a fine octogon teocalli of 1200 feet, and 8 high. A town of 2700 feet on South Elkhorn, a square on Clear creek, &c.
148	503	The total number of ancient sites known to me in Kentucky, amounts therefore to 148, and the ancient remains or monuments are 503 Those already known to me in the remainder of North America, are the following :—
14	54	In Alabama, many towns forts, mounds, &c. An elliptical teocalli of 800 feet, and 15 high, on Cedar creek. A teocalli of 1120 feet, and 75 high, on the Etowee. A circus of 25 acres in Jones' valley, with a square teocalli in the centre, of 720 feet and 30 high, &c.
10	45	Arkansas, towns, mounds, &c. several mounds and teocallis, as high as 40 feet, below the town of Arkansas. Remains of a town built of sunburnt bricks, on the St. Francis river, &c.
3	7	Canada, mounds and forts between lake Huron and Erie
2	3	Connecticut, inscribed rocks at Seaticook and Tiverton. L.
12	32	Florida, many embankments, excavations, mounds, &c. not very ancient, L.—Many high mounds, avenues and artificial ponds or tanks, near lake George, &c.
16	30	Georgia, many large square teocallis, some with 3 stories; and avenues leading to square excavations on the Oaktulge, &c.

Total No.
of
Sites Mons.

COUNTIES, &c

		Four square teocallis and 4 square excavations near Apalichicola. Two oval teocallis on Sooquee creek, one is 100 feet high, the other 40. A stone fort on a high hill; &c
12	170	In Illinois, many conical mounds in the American bottom, on the Mississippi; a squared teocalli of 1200 feet, 100 high, and with 2 sloping stages on the Cahokia; a square teocalli of 600 feet and 20 high, near St. Louis.— A stone fort on Saline river. Mounds near the mouth of the Ohio, &c.
8	18	Indiana, towns and mounds on the Wabash, White river and the Ohio, near the falls, &c.
6	20	Louisiana, many mounds on the Mississippi, at Baton Rouge, &c. Four square teocallis of 240 feet and 22 high, equal, forming a square, joined by a wall and ditch, with an avenue leading to a conical teocalli 115 feet high, (spiral road on it) on Bayou Cataoulou. Five mounds of shells near lake Cataoulou is 80 feet high. A high mound on Red river, built in 1728 by the Natchez. Many in Tensa, &c.
1	1	Maine, a conical teocalli of 600 feet, 50 high; with a paved summit, on the river Kennebeck
2	3	Massachussets, the sculptured rocks of Dighton, and the inscribed stone of Rutland, of which many opinions have been formed, supposed Atlantic, Phoenician, Coptic or Lenapian!
12	106	Mexico, many towns, teocallis, stone buildings, &c. in Anahuac. Michuacan, Yucatan, Guatemala, &c.
6	16	Michigan, towns, forts and mounds on river Huron, lake St. Clair; near Detroit, &c.
25	60	Mississippi, several square, octagon and round teocallis on the Mississippi, Yazoo, &c. A great teocalli at Sultzertown with mounds on it, 90 feet high. A teocalli 150 feet long, 100 broad, 35 high near Natchez. A teocalli of 2650 feet square 20 feet high, on Big-black river, with a wall and ditch 2400 feet long, joining the highlands, &c.
24	64	Missouri, many mounds, forts, graves, &c. at the mouth of Osage, Missouri, Merrimack, Chepousa, &c. 27 mounds and a prismatic teocalli at St. Louis. A square teocalli of 800 feet and 14 high, below the mouth of Ohio. A conical teocalli of 1200 feet, 40 high, with a ditch on the lake Chepousa, &c.
4	10	Multnomah Country, on the Pacific ocean. Several towns and mounds on the Columbia or Multnomah river
9	20	Nadowessie or Sioux Country, or Upper Mississippi. Many forts, excavations and mounds on the river St. Peter, Menomonie, Gaspard, Wapisinekan, &c. A polygon below lake Pepin. A small square teocalli on Racine river, lat. 44.
12	70	New-Mexico. Ruins of towns built of clay or stones, in Sonora on the Rio-gila and in Cibola, lat 36, &c.
36	125	New-York. All in the western part of the state; the most easterly site is on the river Chenango. Many ancient towns, forts and mounds, on the rivers Seneca, Genessee, Black. &c. near Auburn, Pompey, Buffalo, Onondago, Canandaigua, &c. some of which appear modern or built by the Menguy nation: an inscription with unknown letters was found at Onondago. A circus at Unadilla, two parallel rows of towns or forts extending 50 miles, on the ancient shores of lake Erie

Total No.
of
Sites Mons.

COUNTIES, &c.

		Many towns south of lake Ontario, beyond the mountain ridge or most ancient land, very ancient; &c.
6	8	In North Carolina, some mounds near Saraw, towns on Holston river. On Enoe river 2 inscriptions were found in ploughing, on octogon stone pillar and a circular piece of brass! with unknown letters!—In Rowan County, 2 iron-stone walls under ground, supposed basaltic by many, but erroneously.
72	150	Ohio, this state contains numerous fine monuments like Kentucky, but only a part have been described, although more than of any other state; another portion has been surveyed by myself, many are yet hardly known At Cincinnati, a large town, circus, mounds, &c. On Paint Creek, 3 towns with stone walls, mounds, teocallis, &c. At the mouth of Scioto, a town, dromus, mounds, &c. At Circleville, a fine circus and mound Near Chillicothe, five towns, with temples, avenues, &c. In Belmont county, a mound of 16 feet, where iron and silver has been found On Lake Erie, many towns in Ashtabula cty. with mounds, &c. On the Little Miami, many towns, stone forts, temples, &c. a copper coin was found with Persian letters! At Marietta, a town, mounds, &c. a silver cup found there Near Newark, 2 towns. with avenues, pits, mounds, etc. In Perry county, a town with a stone mound Mouth of Big Miami, a stone fort, a town with round pits, mound and ditch, elleptical teocalli 550 feet, 25 high. Mouth of Maumee, a town and fort On Twin creek, two elleptical teocallis Many other monuments near Granville, Franklinton, Worthington, New Athens, Gallipolis, etc.
15	28	In Panis, county of Upper Missouri, many fortified towns on the Missouri, at the mouth of Osage, Chayenne, Laplate; also on rivers Kansas, Laplate, Yellowstone, Jaques, etc. Two squares of 1200 feet on Petit-ark creek. A large pit 200 feet long, 130 wide, 30 deep, near the Panis, etc.
15	32	Pennsylvania, mostly in the western parts; mounds and forts near Pittsburgh. Near Meadville 7 circles, mounds, etc. Several towns and forts on the Monongahela, also carved rocks. On the Allegheny, some towns, etc. A town on a hill near the Tyoga river with a circus, etc.
1	5	South Carolina, near Cambden, in the Wateree, many monuments, a teocalli 20 feet high, a wall or parapet three miles long! wrongly supposed to be built by Soto, who never was there.
44	74	Tennessee; this state was anciently united to Kentucky and its monuments are very important for our history On the south fork of Forcadeer river, several towns, teocallis, mounds; the finest pyramid of the United States is there, it is 150 feet high, 1200 feet at the base, 120 at the top, perfectly square. It was discovered only in 1822. On Duck river, a stone fort Near Clarksville, on the Cumberland, a town, many teocallis; and near Palmyra, on Ditto, another town, busts found there.

Total No.
of
Sites Mons.

COUNTIES, &c.

		Near Nashville, on ditto, several towns, teocallis, statues, etc.
		On the Canyfork of Tennessee, a circus where the triune vessel was found
		Near Pulaski, a subterranean brick wall
		Near Carthage, a fort, graves
		On Big Harpeth river, several mounds, one is 40 feet high, a sun and moon painted yellow in a perpendicular cliff of 70 feet
		On French broad, psintings and letters on a vertical cliff, 100 feet above the water !
		In Warren county, a town with mummies, etc.
		Near Brasstown, on Tennessee, the enchanted mountain with carved tracts of men and beasts
3	3	In Texas, at the head of river Sabine, an elleptical teocalli 6 feet high, a mound on the river Trinity, etc.
1	1	Vermont, sculptured rocks at Bellows falls on Connecticut
32	172	Virginia, principally on the Ohio, Kenhaway and Holston
		Near Abington, a circus and mound
		On Clinch river, a late town, with a ditch round it, L.
		On the Ohio, painted rocks near the mouth of King's creek, with figures and letters ! mounds near them. Towns near Belleville, Letart's falls, Parkersburgh, Park's bottom, Gal- lipolis, etc.
		On the Kenhawany, 105 circular temples, towns, mounds, ect. one mound is 40 feet high and 420 round
		At Big Grave creek, many mounds, the largest is a conical py- ramid surrounded by a ditch, 70 feet high, base 540 feet mound, top 180 feet
		At little Grave creek, many mounds, the largest is like that of Big Grave, but 75 feet high
		At Burning Springs, sculptured hieroglyphics on rocks. Many mounds, etc. on the Guyandot, Elk river, Shenandoah, Mo- nongahela, Fluvanna, Rivanna, etc. L.

The actual number of ancient seats of population or sites already ascer- tained by me, in North America, amount therefore to 541, of which 393 out of Kentucky, and 148 in Kentucky, while the ancient monuments found in those sites amount already to 1820, of which 505 in Kentucky and 1325 out of it.

If by my researches during 4 years, I have been able thus to increase the knowledge of the number of ancient sites and monuments in the single State of Kentucky, from 25 sites to 148, and from 100 monuments to 505 : it is very probable that when equal industry will be exercised in the other States, that number will be more than doubled ; since I entertain no doubt that 1000 sites and 4000 monuments exist still in the United States, exclu- sive of Mexico, besides the small burrows, and those that have been des- troyed.

II. APPENDIX.

CATALOGUE

Of the Authors and Works consulted.

- Adair, Hist. of Creeks, etc.
Adelung, Mithridates,
Adelung, Fr. Catal. of Languages,
Arrian History.
Archeologia Americana, Vol. 1.
Asiatic Researches, 12 Vol.
Atwater Antiq. of Ohio
Azara; travels in Paraguay
Barrow, travels in China, etc.
Barton, Indian languages, etc.
Bartram, travels in Florida
Beck, Missouri ect.
Boone, adventures in Kentucky
Bossu, travels in Louisiana
Boudinot, Has. in the West
Breckenridge, Louisiana and memoir
Bruce, Abyssinia, etc.
Buffon, Natural History, etc.
Cabot, Discovery of North America
Campbell, Western Antiquities, etc.
Carli, American Letters
Cartier, travels in Canada
Carver, travels in North America
Charlevoix, do. History of Canada,
St. Domingo, Paraguy
Clavigero, History of Mexico
Clifford, Letters on N. A. Antiq.
Colden, History of the Five Nations
Col-brooke, Dissertations on India
Columbus, travels
Condamine, travels in South America
Cook, travels
Cornelius, Memoirs
Castiglione, Viaggi in America
Cramer, Ohio Navigator
Cumming, travels in the U. S.
Cuvier geological works, &c.
Dana Western Gazetteer
Darby, Louisiana Guide, &c.
De'Rizhofer, Abipones
Delisle, Monde primitif, &c.
Delametherie Geology
Depons, Caraccas
Dictionnaire historique
——— D'Histoire Naturelle
Diodorus, history
Douglas, History of North America
Duponceau, on Amer. Lang. &c.
Duprats, History of Louisiana
Drake, Cincinnati
Dwight, travels
Edwards, West Indies
Edinburgh Review
Egede, Greenland
Ellis, travels
Filson, Kentucky
Forster, travels and observations.
Gage, travels in Mexico
Garcilago de la Vega, conquest of
Florida, his. of Peru, &c.
Gebelin, Monde primitif
Gilleland, Ohio Pilot
Grosier, Histoire de la Chine.
Gumila, Orenoko
Harmar, West Caledonia
Haywood, Tennessee
Heckenwelder, hist. of Lenapians &c.
Hearne, travels to North Sea
Hennepin, travels in North America
Henry, ditto.
Herodotus, History
Hudson, travels
Humboldt, travels, researches, &c.
Hutchins, North American Map, &c.
Imlay, Letters on Kentucky
James, Say and Long, travels
Jefferson, Notes in Virginia
Jewett, Nootka
Jones, dissertations on Asia
Laraye, travels in North America
Labillardiere, Voyages
Lahontan, travels in N. America
Lavoisne, historical Atlas
Leod, Lewchev Islands
Lewis and Clarke, travels
Leyden, languages of India
Loskiel, Missions of N. America
Mackenzie, travels in N. America
Mailson, Memoir on Am. Antiq.,
Massachusetts, Historical collections

- Marsden Sumatra and Malays
 Meares, travels
 Mellish travels and Maps
 Mitchell, Dissertations, &c.
 Nøigeon, voy. de Pythagore
 New York Hist. Collections
 North American Review
 Nuttall, travels to Arkansas
 Oldmixon, North America
 Officer, travels of an
 Olivet, new translation of Sopher.
 Origine des Loix, des Sciences et
 des Arts
 Pages, travels round the world
 Pallas, travels in Russia &c.
 Parry, travels
 Pennant, Artic Zoology
 Pernetty, Falkland I.
 Peron, travels
 Perouse, travels
 Pickering, Indian languages
 Pike, travels in North America
 Pinkerton, Scythians, fossils, &c.
 Plinius, Natural History
 Pownal's Map, &c.
 Proud; History of Pennsylvania
 Ptolemy, Ancient Geography
 Quarterly Review
 Rafinesque, Manuscripts of Tellus,
 Ancient history of North America,
 Antiquity of North America, Ge-
 neral view of the American lan-
 guages, &c.
 Raleigh, travels
 Ramsay, History of Carolina
 Reland, American languages
 Robin, travels in Louisiana
 Rogers, North America
 Rollin, Ancient History
 Romans' Florida
 Sanford, History of the U. States
 Shermerhorn state of Indians in 1812
 Schoolcraft, travels
 Sibley, travels
 Smith, Narrative
 Smith, History of New York
 Southey, History of Brazil
 Sullivan, History of Maine
 Thomas, travels
 Tonti and Laralle, travels
 Traditions (in Ms.) of the Shaw-
 nees, Ottawas, &c.
 Ulloa, travels and researches
 Universal History
 Valancey, Antiq of Ireland
 Vanegas, History of California
 Vancouver, Travels
 Vaetl, on Languages
 Verazanz, travels
 Vespuccius, travels
 Volney, various works
 Wilford, researches
 Winslow, comments
 Winthrop, History
 Winterbotham, America
 Zuniga, conquest of Peru.

SUPPLEMENT.

- Annales philosophiques Americaines
 Bozman, History of Maryland
 Burk, History of Virginia
 Cumberland, Origines Gentium
 Franklin, polar travels
 Holmes, American Annals
 Jameson, Hermes Scythicus
 Langsdorf, travels
 Lawson, Carolina
 Long, travels
 Maurice, History of Hindostan
 Philadelphia, philosophical transac-
 tions.