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HITTITES IN AMERICA.

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In a paper recently read before the Canadian Institute I set forth the radical unity of the Peruvian vocabulary with that of the Iroquois. This well known North American family might naturally be expected to connect with the Basques, since the Huron god Tawiscara and the tribe of the Tuscaroras preserve the Euskara name.* The following table shews how valuable an adjunct to ethnological : search mythological and tribal names are, and how great is the validity of words even under what are generally supposed to be the most unfavourable conditions. Judged by the vocabulary, there are few languages which exhibit relationship more perfectly than those widely separated tongues, the Basque and the Iroquois ; and it must be remembered that their grammatical systems, while not agreeing in all points, are far from discordant, as has been proved by that distinguished Basque and Oriental scholar, M. Julien Vinson of Bayonne.

BASQUE.	WYANDOT-IROQUOIS.
all .....gucia	agwegough <i>Mohawk.</i>
basket .....otarra	atere <i>Iroquois.</i>
below .....beherra	karo "
bird .....choria	garioha "
blue .....urdima	horanhiahen <i>I.</i>
brother .....anaya	haenyeha <i>Wyandot.</i>
cloud .....edoya	odsadah <i>M.</i>

* The permanence among uncivilized peoples of tribal and even of personal names is a doctrine that has not received the support which the evidence in its favour demands. It is well illustrated among the Hurons, as I have learned from "Historical Notes on the Environs of Quebec," written by my esteemed colleague, J. M. LeMoine, Esq. Many distinguished chiefs of the Lorette Hurons, from the time when Europeans first became acquainted with them, have borne the name Atsistari or Ahatsistari, *the fearless man* ; and at the present day it is the Indian title of M. A. N. Montpetit, an honorary chief of the nation. This Ahatsistari is undoubtedly the Hasisadra of the Accadians, the Ashtar of the Khita, and the Haitor of the Basques. The Hittite proper name Ahashtari, which is that of the brother of Zohar, father of Ephron, who sold Machpelah to Abraham, is almost identical in form with the Huron Ahatsistari of to-day.



BASQUE.

coldotza
 comeetorri
 copper.....urraida
 day.....eguna
 dog.....ora
 chacurra
 drink.....edan
 end.....ondoa
 face.....ausquia
 father.....aita
 fight.....guda
 fire.....su
 fish.....arraina
 flesh.....oquela
 food.....oquia
 girl.....batsaya
 good.....egin
 hair.....ulea
 hand.....escua
 head.....burua
 hear.....aditu
 heart.....biotza
 heaven.....cerua
 hot.....beroa
 husband.....senarra
 kill.....il
 leaf.....orria
 make.....eguin
 man.....gizon
 moon.....illarguia
 mother.....ama
 mountain.....mendia
 nail.....itzea
 name.....icena
 night.....gau
 no.....ez
 rain.....euria
 salt.....gatza
 see.....ikhus
 shoe.....osquea
 sister.....aizta
 small.....tipia
 snow.....elurra
 speak.....edas
 stone.....arri
 sun.....iguski
 iluzki
 tail.....atzequia
 thunder.....curciria
 tongue.....mina
 tooth.....hortz
 tree.....arecha
 white.....churia
 wind.....egoa
 aiza
 woman.....emakume
 wood.....egurra, zura

WYANDOT-IROQUOIS.

otoxe *Onondaga*.
 karo *M*.
 rawist *I*. (metal)
 eghnisera *M*.
 erhar "
 cheer *Nottoway*.
 uttanote *Seneca*.
 entas *I*.
 ookahsah *Tuscarora*.
 ata "
 kedarioch *I*.
 seesta *W*.
 runjiuh *T*.
 wauhlooc *Oneida*.
 kakh *I*.
 yaweetseutho *W*.
 oogenerle *M*.
 arochia *W*.
 shake *M*.
 anuwara *Onondaga*.
 hagateonde *I*.
 yootooshaw *W*.
 oughruhyai *T*.
 otorahaute *W*.
 teakneederoo *M*.
 kerios *I*.
 ourata *W*.
 gonniaha *I*.
 aqehun *Hochelaga*.
 kelanquaw *M*.
 ena *T*.
 onontah *W*.
 ohetta "
 chinna *I*.
 asobe *Cayuga*.
 gwuss *T*.
 wara "
 hotchiketa *I*.
 wahikea *M*.
 ohtahquah *M*.
 auchtchee *T*. akzia *I*.
 diwatsa *T*.
 ogera *Onondaga*.
 atakea *W*.
 ariesta "
 kachquaw *S*.
 garachqua *Onondaga*, kelanquaw *M*.
 otahsa *I*.
 kawseras "
 wennasa "
 honozzia "
 oughrubeh *T*.
 kearagea *M*.
 gao *I*.
 izuquas *W*.
 yonkwe *M*.
 kara *I*. (forest), geree *N*. (tree)

As the Euskara thus manifest their relationship with the Tuscaroras and the Wyandot devotees of Tawiscara, so the Seepohskah and other Dacotah tribes give unmistakable evidence of a common origin with the Schapsuch and other members of the Circassian family. Although I cannot find that the Circassians make use of any words denoting relation, either as prepositions or postpositions, in all other respects their grammar agrees with that of the Dacotahs and Iroquois. The pronouns, whether in their full or construct state, are prefixed, as the adjective seems to be. The genitive is formed by prefixing the noun possessor to the object; the accusative precedes its governing verb; and the order of the verb is pronoun, verbal root and temporal index. This is thoroughly Japanese or Peninsular, and thus the order of the American languages I have associated with the Peninsular family.

CIRCASSIAN.

all eezabk
 arm eh
 bad bzaghey
 bobzaghey
 beard shagha
 belly neebey
 black shoodzah
 blood kleh
 blue skhautey
 bone kutsha
 boy, son sim shagha
 bread tshakhu
 chief pshee
 clothes shooghoon
 cloud washabshey
 cold tsheeyeh
 come kahkooyeh
 corn bemshesh
 dark mezahshe
 day mahpey
 death, die hadeygho, tlagha
 do, make tshah, sogha
 drink yeshwey
 eagle bzoocosh
 eat teshesht
 enemy yedzeesho
 evening tshaha
 face ihtshooz
 father yati, taht
 finger efkhab
 ebkhab
 fire mahzwa
 fish bbzheh
 five tpey
 flesh ley
 fruit shaghab

DACOTAH.

hooahcasse *Upsaroka*.
 ishto *Dacotah*.
 pehia *Osaage*.
 kubbeek *U*.
 eshaesha "
 ikpi *D*.
 shebhah *Winnebago*.
 eehree *Minetaree*.
 shuahcat *U*.
 hidu *Hilatsa*.
 shinzoshinga *Omaha*.
 hohhazzsu *U*.
 bettshettoa "
 sheena *D*.
 apahi *H. mahpiya D*.
 tasaka "
 kuwa "
 wamunuyzah "
 pasa "
 mahpaih *Min. hampah Seepohskah*.
 tshe *H. tha D*.
 kagha "
 yat kang "
 iphoki *H*.
 duti "
 toka *D*.
 tassetoo "
 estah *S*.
 ate *D. dadai Om*.
 napchoopai *Yankton*.
 napsukazu *D. buschie U*.
 midahe *H*.
 poh *S*.
 zapetah *D*.
 arookka *U*.
 waskuyeca *D*.

CIRCASSIAN.

girl	.....	sipshaz
go	.....	yago
good	.....	souy-shah
		shoodet
great	.....	asoodet
hail	.....	yeehz
hand	.....	oyg
heaven	.....	vouafey
heavy	.....	zaaha
house	.....	hadsheeshish
kill	.....	ooikkey
knife	.....	soonee
leg	.....	thlakoua
life. live	.....	niv-h
love	.....	sidshez
moon	.....	maathe
mother	.....	yan
mountain	.....	mayzee
mouth	.....	shey
nail	.....	gootshooghoon
name	.....	tsah
navel	.....	neezabtsee
neck	.....	eddee
		paoomey
night	.....	tshaytshee
nose	.....	pey
rain	.....	keyshoh
red	.....	tleeshee
river	.....	pse
		kodagheps
road	.....	oghogoo
shoe	.....	paboosh
sister	.....	tshеeyakh
skin	.....	sheh
small	.....	booghoozey
		tseegoodet. tick
snow	.....	woohsee
		weyfsee
speak	.....	sbaghey
star	.....	ooshaghe
stone	.....	mushey
strong	.....	pectay
tree	.....	sfrah
wash	.....	ahghee sheehusht
water	.....	psee
wife	.....	yeeshuhz
wood	.....	pkha
yellow	.....	oghooshi

DACOTAH.

submihi	S.
za	D.
shusu	S.
washtay	D.
ictia	H.
wahsoo	D.
shagai	Om. onka S.
apahi	H.
tekay	D.
tshe	Loway, cheehah W.
whaquetah	D.
eesahng	"
sagaugh	"
nee impe	Assiniboine.
kideshi	H.
minnatatche	U.
ina	D.
maupo	U.
jhah	Quippa.
shaka haugh	Os.
dazi	H.
itadehpa	H. cekpa D.
tahoo	D.
pahee	Om.
htayetu	D.
pa	I. pahoo S.
hkahoosh	"
ishshee	Min.
passahah	S.
wakpa	D.
cangku	D.
opah	Min. hoompah S.
itaku	H.
coku	D.
wauhokah	Os.
ecat	C. tscheestin D.
wahhah	W.
mahpai	Min. copcaze S.
bedow	U. obraka Os.
hkake	S.
mee-ee	Min. imniza D.
batsats	U.
beeraichtoet	Min.
yuzaza	D.
passah	S.
towetshoo	D.
pazu	D.
sehah	Os.

By similar vocabularies the relation of the Cherokee-Choctaw, Muisca and Chileno languages to the Basque and Circassian might easily be established; but, as in a previous article I connected these and kindred tongues with the Peninsular family of Asia, it will simplify matters to make this family the basis of comparison. In the following table accordingly, I have com-

pared a limited number of words, Japanese, Loo-Choo, Koriak-Tchukchi, Aino, Corean and Kamtchatdale, with corresponding forms in the Accad, Basque and Circassian. The grammar of the Circassian, which, lying on the line of Khita migration, should represent the Khupuskian in its purest form, is virtually that of the Japanese and its allied languages.

PENINSULAR.

ACCAD. BASQUE & CIRCASSIAN.

all.....	oowhoko <i>Loo C.</i>	issai, tshugo <i>Jap.</i>	kak <i>A.</i>	gucia <i>B.</i>	eezahk <i>C.</i>
axe.....	masakari <i>Japanese.</i>		haizcora <i>B.</i>		
above.....	wee <i>L.</i>		ahpsee <i>C.</i>		
accomplish.....	shitoge <i>J.</i>		sit <i>A.</i>		
bad.....	wasu <i>L.</i>		bzaghey <i>C.</i>		
	ashiki <i>J.</i>		su <i>A.</i>	gaiztoa <i>B.</i>	
basket.....	teeroo <i>L.</i>	zaru <i>J.</i>		otarra <i>B.</i>	zarca <i>B.</i>
	cago <i>J.</i>			sasquia <i>B.</i>	
bear.....	kasa <i>Kamtchatka.</i>			sukh <i>A.</i>	
beard.....	kkookat	" hige <i>J.</i>		shagha <i>C.</i>	
beautiful.....	utsukushii <i>J.</i>			dabshay <i>C.</i>	
bed.....	coocha <i>L.</i>			she <i>B.</i>	
bee.....	mitsu-bachi <i>J.</i>			bshay <i>C.</i>	
before.....	koomat <i>Ka.</i>			gab <i>A.</i>	
behind.....	atoni <i>J.</i>			oztean <i>B.</i>	
belly.....	stabara <i>J.</i>			sabella <i>B.</i>	
	nain <i>Koriak</i>			neehey <i>C.</i>	
below.....	stcha <i>L.</i>	shita-ni <i>J.</i>		utu, cit <i>A.</i>	ayshay <i>C.</i>
	ururu <i>J.</i>			bur <i>A.</i>	beherra <i>B.</i>
bird.....	tori	"		choria <i>B.</i>	
black.....	mime	" (dark)		mi <i>A.</i>	
blood.....	auka <i>Tchukchi,</i>	chi <i>L. J.</i>		us	"
boat.....	temma <i>J.</i>			ma	"
	huni <i>L.</i>	penzy <i>Insu.</i>		untzia <i>B.</i>	
	cahani <i>Aino,</i>	cajak <i>T.</i>		gaha, khassey <i>C.</i>	
body.....	watta <i>L.</i>	(belly)		wetshooz	"
bone.....	kutsi	"		kutsha	"
book.....	somots <i>J.</i>	sheemootzee <i>L.</i>		sumuk, samak <i>A.</i>	
bow.....	yumi <i>L. J.</i>			bam <i>A.</i>	gubia <i>B.</i>
boy.....	warrabee <i>L.</i>	kozo, shoni <i>J.</i>		biru	" gaztea, seme <i>B.</i>
bread.....	quashee	"		oquia <i>B.</i>	
	shokumotsu <i>J.</i>			tshakhu <i>C.</i>	
bright.....	sayeru <i>J.</i>			sar <i>A.</i>	
brother.....	ani	"		anaya <i>B.</i>	
	aki <i>T.</i>			cus <i>A.</i>	"
	ktshidzshi <i>Ka.</i>			istszhe <i>C.</i>	
builder.....	daiku <i>J.</i>			duk <i>A.</i>	(build)
burn.....	akka <i>L.</i>	yaqu <i>J.</i>		gi	"
captain.....	kashira <i>J.</i>			gurza,	"
centre.....	maru	" (circle)		mur	"
change.....	kayeru	"		kur	"
child.....	warrabee, <i>L.</i>	shoni <i>J.</i>		aurra <i>B.</i>	seina <i>B.</i>
chin.....	ootooga <i>L.</i>	otogai	"	dsha <i>C.</i>	
clothes.....	chouksa <i>Corea,</i>	isho	"	sic <i>A.</i>	jauci <i>B.</i>
	choongay <i>C.</i>			sonecoa <i>B.</i>	
cloud.....	kumo <i>J.</i>			gan <i>A.</i>	
cold.....	seedasha <i>L.</i>			otza <i>B.</i>	tsheeyetsha <i>C.</i>
come.....	itari, kitaru <i>J.</i>			etorri <i>B.</i>	

PENINSULAR.

koquasitch *Ka.*
 country.....inaka, kouni *J.*
 awhfee *L.* hempi *J.*
 crown.....kammuri, zetcho "
 dark.....kouni *A.* (black)
 dawn.....akebono *J.*
 day.....doh *Kurite.*
 gaunak *T.*
 demon.....akuma *J.*
 descend.....kudaru "
 desire.....nozomu "
 die, death.....gang *L.*
 tokok *T.*
 dig.....hojiru *J.*
 deep.....fukai "
 divide.....wari "
 dog.....kossa *Ka.*
 door.....kado *J.*
 to "
 drop.....tarashi *J.*
 ear.....qui *C.*
 earth.....nuna *T.*
 duro *L.* hokori *J.* (dust)
 ttati *C.*
 east.....higashi *J.*
 eat.....kamoong *L.* hamu *J.*
 ku *J.*
 egg.....kuga *L.*
 elbow.....oondee *Insu* (arm).
 enclosure.....kakomi *J.*
 end.....hate "
 yuku *L.*
 face.....skira *L.* tsura *J.*
 quaagh *Ka.* kao "
 father.....atta *T.* teti "
 fall.....taore *J.*
 tawshoong *L.*
 fight, battle.....ikusa *J.*
 fill.....aku "
 finger.....yubi " askippi *J.*
 pkoida *Ka.*
 fire.....annak *T.*
 hi, yoke *J.*
 firmament.....sora "
 fish.....sakkana "
 ikahlik, ssaljuk *T.*
 karasacki *A.*
 etshoo *Ka.*
 flesh.....shishi *L.*
 thaltal *Ka.*
 foot.....assi *J.*
 shanna *L.*
 forehead.....muki *J.*
 forest.....hayashi "
 fortress.....siro "
 toride "
 eegooscoo, gooseecoo *L.*
 fortunate.....saiwai *J.*

ACCAD, BASQUE & CIRCASSIAN.

kahkooyeh *C.*
 zan *A.* unea *B.*
 ub *A.* zeppet *C.*
 mir, sakkad *A.*
 can *A.*
 khebso *C.*
 utu *A.*
 eguna *B.*
 gigim *A.*
 tu, turi "
 sem "
 khan "
 hadeygho *C.*
 engar *A.*
 kook *C.*
 bar *A.*
 khah *C.*
 ca *A.*
 atea *B.* tshey *C.*
 tal *A.*
 cagu "
 ma "
 zicura *A.* lurra *B.*
 yatte *C.*
 hahshey *C.*
 jan *B.*
 cu, kia *A.*
 kanghey *C.*
 ucondoia *B.*
 gagunu *A.*
 gudu "
 oish *C.*
 cir *A.*
 caca " ausquia *B.*
 ad " aita *B.* taht *C.*
 eror *B.*
 yedeesho *C.*
 gu *A.* guda *B.*
 sig "
 efkhab *C.*
 ebkhad "
 ne *A.*
 su *B.*
 gir *A.*
 khan "
 hal "
 araga *B.*
 zeyshee, tzey *C.*
 uzu *A.*
 gli *C.* guelia *B.*
 essa *A.*
 ona *B.*
 becoquia *B.*
 basoa "
 car *A.*
 durud "
 gisgal "
 sa "

PENINSULAR.	ACCAD, BASQUE & CIRCASSIAN.
fowl.....	hotu <i>L.</i>
garden.....	sono <i>J.</i>
girl.....	tackki <i>L.</i>
	ungua " niyoshi <i>J.</i>
	ucipee <i>Ka.</i>
give.....	watasu <i>J.</i>
glory.....	homare "
go.....	kungchung <i>L.</i>
	yuku <i>J.</i>
goat.....	jagi "
god.....	jebisu "
	hutka <i>Ka.</i> hotoke <i>J.</i>
	mitgk <i>Ka.</i>
good.....	jukka <i>J.</i>
	hota <i>C.</i>
goose.....	gocho <i>J.</i>
grass.....	coosa <i>L.</i> kusa <i>J.</i>
great.....	weesa <i>L.</i> bakutai <i>J.</i>
green.....	soo <i>A.</i>
ground.....	tsuchi, tsubibeta <i>J.</i>
hair.....	kacuguy <i>Ko.</i>
	nujak <i>T.</i>
hand.....	ki <i>L.</i>
	te <i>J.</i>
	settoo <i>Ka.</i>
hard.....	katai <i>J.</i> kibishii <i>J.</i>
have.....	ta "
head.....	kashko <i>T.</i> saki <i>J.</i>
	tehusa <i>Ka.</i> dzu "
hear.....	sitchoong <i>L.</i>
heaven.....	cherwol <i>Ko.</i> sora <i>J.</i>
hero.....	goketsu <i>J.</i>
high.....	kouong, <i>Ka.</i>
	takasa, toge <i>J.</i>
	in <i>A.</i>
hold.....	tamotsu <i>J.</i>
hole.....	anna "
horn.....	kaŕu "
hot.....	atcheeroo <i>L.</i> karai <i>J.</i>
house.....	taku <i>J.</i>
	katchi <i>L.</i> uchi <i>J.</i>
hunger.....	hidaru <i>J.</i>
insects.....	sudaka "
iron.....	furoganni "
	quatshoo <i>Ka.</i> tetsu <i>J.</i>
knife.....	sigo <i>L.</i>
know.....	shira <i>J.</i>
learn.....	kicku <i>J.</i>
leave.....	utcharu, udzuru <i>J.</i>
life, live.....	inochi "
lift.....	ageru "
light.....	feeroo <i>L.</i> karui "
lightning.....	ina-lzuma, hikari "
lip.....	kkovan <i>Ka.</i> kuchibiru <i>J.</i>
low.....	karui, sagaru <i>J.</i> (lower)
make.....	suru "
man.....	chu <i>L.</i> quaskoo <i>Ka.</i>
	aino <i>A.</i> nin <i>J.</i>
	hito, otoko "
	guru <i>Ka.</i>
	kattey <i>C.</i>
	gana <i>A.</i>
	turak "
	nesca <i>B.</i>
	sipshaz <i>C.</i>
	yetteh "
	impar <i>A.</i>
	joane <i>B.</i>
	jago <i>C.</i>
	sikka <i>A.</i>
	hubisega " pkhah <i>C.</i>
	duk " tkha "
	mesitcha <i>C.</i>
	khiga <i>A.</i> egun <i>B.</i> souy-yez <i>C.</i>
	shoodet <i>C.</i>
	kaz "
	sizi <i>A.</i>
	bahsh <i>C.</i>
	sik <i>A.</i>
	cicu " zepet <i>C.</i>
	shatzeh <i>C.</i>
	muz <i>A.</i>
	su " escua <i>B.</i> ia, oyg <i>C.</i>
	id "
	khid "
	keytoo <i>C.</i> shafe <i>C.</i>
	du <i>A.</i>
	sak "
	tskhah <i>C.</i>
	aditu <i>B.</i>
	kharra <i>A.</i> cœrua <i>B.</i>
	gudhu "
	cu "
	attaghagh <i>C.</i>
	an <i>A.</i>
	tab "
	oghan <i>C.</i>
	sak <i>A.</i>
	ur " beroa <i>B.</i>
	ziku "
	etche <i>B.</i> hadsheeshish <i>C.</i>
	sugar <i>A.</i>
	sadugucunu <i>A.</i>
	burnia, burdina <i>B.</i>
	ghootshey <i>C.</i>
	soozee "
	ru <i>A.</i>
	zu <i>A.</i> ikasi <i>B.</i> ghassa <i>C.</i>
	gadataœuru <i>A.</i>
	nivsh <i>C.</i>
	sur <i>A.</i>
	bir " arguia <i>B.</i>
	onaztea, iyurguria <i>B.</i>
	okoofaree <i>C.</i>
	car, zœra <i>A.</i>
	gar <i>A.</i>
	ka " guizua <i>B.</i>
	nen, un <i>A.</i>
	nit, nitakh "
	khairu "

PENINSULAR.	ACCAD. BASQUE & CIRCASSIAN.
measureshaku, bakari, hodo <i>J.</i>	sa, kha, gur. id <i>A.</i> tsshogha <i>C.</i>
middleehiuhin	guana <i>A.</i>
milkchee <i>L.</i> chichi "	shah <i>C.</i>
mischiev.aku	su <i>A.</i>
monthwadii <i>L.</i> getsu "	ita, idu <i>A.</i>
moonmangets.	maathe <i>C.</i>
morningkesa	goiza <i>B.</i>
motherumma <i>L.</i>	nen <i>A.</i> ame <i>B.</i> yan <i>C.</i>
mountainaal <i>Ka.</i>	tal "
mouthkuzha <i>Ka.</i> kuchi <i>J.</i>	ka " shey <i>C.</i>
	pa " auba <i>B.</i>
	dugu "
muchdake <i>J.</i>	tabin "
nailthimmee <i>L.</i>	gootshooghoon <i>C.</i>
	mu <i>A.</i>
namemei <i>J.</i>	tsah <i>C.</i>
	neebiush <i>C.</i>
navelfeso <i>J.</i>	gubioa <i>B.</i>
neckkubi <i>L.</i> kwabi <i>J.</i>	eddee <i>C.</i>
	ticul <i>A.</i>
newstayori <i>J.</i>	nu "
nony <i>L.</i> nu <i>J.</i>	ez <i>B.</i>
	quea <i>B.</i>
odourka	zarra, caharra <i>B.</i>
oldtassijori, furui <i>J.</i>	zey <i>C.</i>
	ooshey <i>C.</i>
openaku, hassu <i>J.</i>	bir <i>A.</i>
paintiru <i>L.</i>	tal "
pass, throughtoru <i>J.</i>	khash "
placeskata <i>L.</i> basho <i>J.</i>	gam "
pour outkobosu <i>J.</i>	cu, ka "
putoku	aan "
rainame	inotsi <i>B.</i>
	keyshoh <i>C.</i>
	jaike <i>B.</i> (rise) aca <i>A.</i>
raiseaghe <i>J.</i>	sa <i>A.</i>
reedaze "	gusci "
redakassa <i>L.</i> akai <i>J.</i>	khir "
riseokiru <i>J.</i>	ibaya <i>B.</i>
riverwejim <i>Ko.</i> kawa <i>J.</i>	shoogoo <i>C.</i>
saltshio <i>J.</i>	ab <i>A.</i>
seaumi "	ichasoa <i>B.</i> shoob <i>C.</i>
	ikhus "
seeooshoo <i>L.</i> kai <i>J.</i>	meyshey <i>C.</i>
	sukh <i>A.</i>
seednigh <i>L.</i>	eri " ghar <i>C.</i>
seizetsukamu <i>J.</i>	zir "
servantiri <i>L.</i> kerai <i>J.</i>	osquea <i>B.</i>
shineterasa <i>J.</i>	paboosh <i>C.</i>
shoekwutsa "	tahmeh "
	tura <i>A.</i>
	danee <i>C.</i>
shouldertanutar <i>Ka.</i>	aizpa, aizta <i>B.</i> tsheeyakh <i>C.</i>
sicknesshotori <i>J.</i>	eseri <i>B.</i>
silkkinno "	shu <i>A.</i> sheh <i>C.</i>
sisterzia <i>A.</i>	guchi <i>B.</i>
sitzasuru <i>J.</i>	guti " tseegoodet <i>C.</i>
skinka <i>L.</i> kooogh <i>Ka.</i> kawa <i>J.</i>	mintzo
smallkusa <i>L.</i> chiisai <i>J.</i>	zutie "
speakmonoku <i>L.</i>	
standtatsi <i>J.</i>	

PENINSULAR.

stone, rock.....ishi *L.* aiyach *T.*
 straight.....sugui, suguni *J.*
 strike.....tataku “
 strong.....chicara, shikkari *J.*
 strength.....riki, yuriki “
 sun.....tida *L.* tiyo “
 quaatsh *Ka.* hizashi *J.* (sun's rays) iguzki *B.*
 sweat.....ackkaddee *L.*
 tail.....dzoo *L.* shippo *J.*
 take.....toru, orosu “
 tempest.....arashi “
 to-morrow.....acha *L.* ashita “
 tree.....ki *L.* *J.*
 water.....ii *Ka.*
 bool *C.*
 pi *Ko.* wakha *I.* meze *L.*
 white.....shiroi *J.* sheeroosa “
 wind.....kaze “
 wing.....fanne, hagai *J.*
 within.....naka “
 woman.....innago *L.* meanoko *I.* onna *J.* ui, nin, mak *A.*
 mennokoosi *A.* newem *T.* mesu *J.* emakume *B.*
 tackski *L.* jo *J.*
 write.....shirushi *J.*
 yellow.....cheeroo *L.* kiirō *J.*

ACCAD, BASQUE & CIRCASSIAN.

acha *B.*
 zak *A.* zacena *B.*
 takh “
 sur “ azcarra *B.*
 silik “
 ud, utuci *A.* teygha *C.*
 iguzki *B.*
 sshad *C.*
 atzequia, opa *B.*
 artu *B.* tzeereeshoh *C.*
 asagara *A.*
 yahoosh *C.*
 ga, sis *A.*
 a “
 ur *B.*
 psee, psco *C.*
 churia, zuria *B.*
 egoa, aicea *B.*
 pa *A.* egoa “
 nigin *A.*
 ui, nin, mak *A.*
 mesu *J.* emakume *B.*
 sak, turrak *A.* siz, sheoz *C.*
 sar *A.*
 khir *A.* (green)

alone.....tada *Japanese.*
 back.....sabira “
 bucket.....oke “
 bundle.....taba, tutsumi “
 burden.....katsugi “
 carry.....motsu “
 destiny.....temmai “
 deviser.....kuwataru “
 do.....suru “
 dream.....yume “
 empty.....munashii “
 enemy.....katakai “
 far.....toku “
 fathom.....hiro “
 fealty.....chiugi “
 grief.....urei “
 half.....nakaba “
 hour.....jisetsu “
 messenger.....shisha “
 plant.....uyeki “
 plenty.....takusan “
 power.....isei “
 property.....kazo “
 prosperous.....sakaye “
 pure.....kirei, kiyoi “
 remember.....oboyeru “
 rule.....sadame “
 shade.....kageboshi “
 shut.....fusagu “
 throw.....taosu “
 year.....toshi “

du *Accad.*
 guibelean *Basque.*
 sa *A.*
 dim, tim *A.*
 yitshi *Circassian.*
 megushey “
 tzim *A.*
 dadhru *A.*
 gar “
 ametsa *B.*
 netshey *C.*
 yedzeesho “
 tsheeshhey “
 gar *A.*
 gu “
 larria *B.*
 noohka *C.*
 seesahet “
 succal *A.*
 suk “
 tak “
 su “
 cuda “
 sakh “
 gur “ chaai *B.*
 par “
 siten “
 katabsey *C.*
 pazaeesh “
 dzey “
 tlaysee “

In the preceding table it will be seen that the Circassian agrees in many words with the Kamtchatdale, which again has much in common with the Dacotah dialects. The Accad, on the other hand, connects more clearly with the Japanese and Loo Choo, not only in the ordinary vocabulary but in certain terms denoting the transmission of culture, such as sar, shirushi, write, sumuk, shomots, book, car, gisgal, durud, siro, gooseescoo, toride, fortress, bir, iru, paint, and eri, iri, servant. The civilization of Japan, therefore, is to be regarded, neither as indigenous nor as borrowed from China, but a civilization regularly transmitted along the line of Accadian migration, and sufficiently established to be able to reproduce itself in such distant regions as New Granada and Peru. How it passed from Japan to these countries it is hard to say. Japanese junks have been cast on the western shores of North America, and it may be that navigation had something to do with the transference of the Khita from the one continent to the other. But the other tribes of Hittite origin, the Choctaws, Iroquois and Dacotahs, seem to have entered upon their American home at the far north-west by the stepping stones of the Aleutan chain, and by the same route the semi-civilized Mound Builders must have reached the scenes of their long forsaken labours. Were these Mound Builders not part of the Khita migration, and may they not even have been Quichuas and Muyscas on their way to a South-American home, where, under more favorable conditions, they rose to higher things and emulated the deeds of their ancestors in Japan and Chaldea?

There is a branch of the Khita dispersion which I have merely mentioned, but which deserves fuller attention. It is that which I supposed to have been driven into Nubia by the conquering Pharaohs of the eighteenth dynasty, the stock commonly known as Nubian or Barabra. I do not build anything upon the Barabra name, but simply allow their language to speak for itself. I am also ignorant of its grammatical forms, but these Dr. Lepsius states bear no likeness either to the Semitic or to the Egyptian. They may, therefore, be Turanian. The vocabulary is Hittite, if Basque and the other languages I have connected with it be Hittite; and, on a comparison with these languages, presents some of the most remarkable instances of the vitality of words that philology records. It is worthy of note that the Hittite Sheth or Ashtar was one of the principal divinities of Nubia.

BARABRA.	KHITA.
bad.....milli <i>Barabra</i> . usk <i>Dongola</i> .	manalli <i>Quichua</i> . su <i>Accad</i> , itschge <i>Circassian</i> , ashiki <i>Japanese</i> , asitok <i>Kadiak</i> , ishia <i>Hidatsa</i> , wəshuh <i>Tus-</i> <i>carora</i> , ooyohee <i>Cherokee</i> , hucha <i>Quichua</i> .
bird.....okera <i>Schabun</i> , koker <i>Kollagi</i> , kowertag <i>Kenay</i> , kowertyga <i>B.</i>	chiroti <i>Aymara</i> .
boat.....kub <i>B.</i>	kauuwau <i>Iroquois</i> , huampu <i>Quichua</i> , sa banne <i>Loo Choo</i> .
boy.....tota <i>B.</i> tot <i>Ke.</i> tondu <i>Ko.</i>	du <i>Accad</i> , doji <i>Japanese</i> , tennohakh <i>Kadiak</i> , disi <i>Hidatsa</i> : doyatō <i>Huron</i> , atsatsa <i>Cher-</i> <i>okee</i> , tesunung <i>Uche</i> , chuta <i>Musya</i> , votum <i>Araucan</i> .
bread.....kabakka <i>B.</i>	shokumotsu <i>Japanese</i> , popkosu <i>Kamtchatka</i> , waubuskah <i>Osage</i> , puska <i>Choctaw</i> , okhapin <i>Adahi</i> , copque <i>Araucan</i> .
kalg <i>D.</i>	galoa <i>Basque</i> , laak <i>Kadiak</i> , takelygo <i>Mus-</i> <i>kogee</i> .
brother....aninga <i>B.</i>	anagea <i>Basque</i> , ani <i>Japanese</i> , angagu <i>Kadiak</i> , soukakoo <i>Dacotah</i> , haenyeha <i>Huron</i> , unggenele <i>Cherokee</i> .
butter.....tes <i>Ko.</i> desk <i>Ke.</i>	tkho <i>Circassian</i> .
day.....aly <i>B.</i> onial <i>Ko.</i>	allo <i>Koriak</i> , angallak <i>Aleutan</i> , weeneeslaat <i>Oneida</i> , igl <i>Attacapa</i> , uru <i>Aymara</i> , anoqual <i>Fuegian</i> .
ogreska <i>D.</i> ougresk <i>Ke.</i>	hiru <i>Japanese</i> , yorhuhuh <i>Tuscarora</i> , onisrate <i>Cayuga</i> .
dog.....boal <i>Ko.</i> welk <i>Ke.</i>	lig. liku <i>Accad</i> , zabuloa <i>Basque</i> , alehau <i>Oneida</i> , gele <i>Cherokee</i> , aljjo, calatu <i>Quichua</i> locma <i>Atacama</i> , shilake <i>Fuegian</i> .
mokka <i>B.</i> monka <i>D.</i>	kykmyk <i>Tchuktchi</i> , mones <i>Mandan</i> , mat- shuga. <i>Minetaree</i> , anokara <i>Aymara</i> .
ear.....ukkega <i>B.</i> okuga <i>D.</i>	cagu <i>Accad</i> , qui <i>Corea</i> , chudhka <i>Kadiak</i> , akuhi <i>Hidatsa</i> , ohuchta <i>Onondaga</i> , huchko <i>Mushogee</i> , aike <i>Atacama</i> , cuhuca <i>Musya</i> , yaxyexke <i>Puelche</i> .
uilge <i>Ko.</i> uluk <i>Ke.</i>	lahoekke <i>Minetaree</i> , haklo <i>Choctaw</i> , gule <i>Cherokee</i> , calat <i>Adahi</i> .
earth.....arykka <i>D.</i>	ziourā <i>Accad</i> , sirikata <i>Aino</i> , ahonroch <i>Not-</i> <i>tonoway</i> , alawhi <i>Cherokee</i> , urakke <i>Aymara</i> .
iskitta <i>B.</i>	yatta <i>Circassian</i> , tjidsi <i>Japanese</i> , tshkak <i>Aleutan</i> , ohetta <i>Iroquois</i> .
eye.....manga <i>B.</i> missigh <i>D.</i>	neh <i>Circassian</i> , ni <i>Loo Choo</i> , manakō, moku <i>Japanese</i> , nanit <i>Kamtchatka</i> , meishta <i>Up-</i> <i>saroka</i> , mishkin <i>Choctaw</i> , nockkochum <i>Caddo</i> , nahui <i>Quichua</i> , nagui <i>Quitena</i> , niyoco <i>Cayubaba</i> , nge <i>Araucan</i> .
father.....abogo <i>B.</i> ambak <i>D.</i>	jabow <i>Circassian</i> , apay <i>Corea</i> , pepe, empitch <i>Koriak</i> , menomphe <i>Upsaroka</i> , abishnisha <i>Natchez</i> , paba <i>Musya</i> , idabapa <i>Cayubaba</i> .
fire.....ika <i>B.</i> eka <i>Ko.</i> yk <i>Ke.</i> ik <i>D.</i>	su <i>Basque</i> , hi, yoke <i>Japanese</i> , tako <i>Ioway</i> , ocheeah <i>Tuscarora</i> , ioak <i>Choctaw</i> , yachtah <i>Uche</i> . yau <i>Wocoon</i> , iche <i>Itenes</i> , aquacake <i>Puelche</i> .
fish.....karag <i>B.</i>	araga <i>Basque</i> , karasacki <i>Aino</i> , ikahlik <i>Tchuktchi</i> , kullo <i>Choctaw</i> , agaula <i>Cherokee</i> , challua <i>Quichua</i> , khallous <i>Araucan</i> .
fish.....arykka <i>B.</i>	aragua <i>Basque</i> , gli <i>Circassian</i> , arookka <i>Upsaroka</i> , wahra <i>Iroquois</i> .

BARABRA.	KEHTA.
foot.....centuga <i>B.</i> ossentuga <i>D.</i>	ona, oina <i>Basque</i> , onchidascon <i>Hochelaga</i> , sauknuthé <i>Chetimaca</i> , nocat <i>Adahi</i> .
hand.....iddegh <i>B.</i>	id <i>Accad</i> , te <i>Japanese</i> , tsha <i>Aleutan</i> , istinkeh <i>Muskogee</i> , yta <i>Muyssa</i> .
igh <i>D.</i>	su <i>Accad</i> , oyg <i>Circassian</i> , escua <i>Basque</i> , ki <i>Loo Choo</i> , aiche <i>Kadiak</i> , sake <i>Dacotah</i> , shake <i>Mohawk</i> , agwoeni <i>Cherokee</i> , uish <i>Atacapa</i> , suyi <i>Atacama</i> , cue, cuugh <i>Araucan</i> , ieskup <i>Puelche</i> .
head..... ourka <i>B. D.</i> oar <i>Ko.</i> ork <i>Ke.</i>	pir <i>Accad</i> , burua <i>Basque</i> , ootauré <i>Tuscarora</i> , anuwara <i>Onondaga</i> , abaracama, nauaracama <i>Cayubaba</i> .
knife.....gnadu <i>Ko.</i> kandyg <i>Ke.</i> kandyga <i>B.</i>	soonee <i>Circassian</i> , katana <i>Japanese</i> , tshanzielk <i>Kadiak</i> , kainatra <i>Cayuga</i> .
man .....ogikh <i>D.</i> ogedj <i>Ke.</i>	ka <i>Accad</i> , aga <i>Circassian</i> , guizua <i>Basque</i> , chu, ickkeega <i>Loo Choo</i> , oikyo <i>Inuu</i> , okkai <i>Aino</i> , uika <i>Tchuktchi</i> , sewk <i>Kadiak</i> , ugig <i>Aleutan</i> , wica <i>Dacotah</i> , conquich <i>Mohawk</i> , chauheh <i>Muskogee</i> , askaya <i>Cherokee</i> , ay-cutch <i>Dieguno</i> shoeh <i>Caddo</i> . chha <i>Muyssa</i> , hake <i>Aymara</i> , kosa <i>Quichua</i> , huataki <i>Itenes</i> auca, che <i>Araucan</i> , chia <i>Puelche</i> .
itga <i>B.</i>	tas, nitakh <i>Accad</i> , otoko <i>Japanese</i> , tsioch <i>Aleutan</i> , oeteka <i>Dacotah</i> . itaatsin <i>Minckussar</i> , hatak <i>Choctaw</i> , atseeai <i>Cherokee</i> , huataki <i>Itenes</i> . jadsí <i>Cayubaba</i> , het <i>Fuegian</i> .
kordu <i>Ko.</i>	karra <i>Accad</i> , guru <i>Kurile</i> , kkari <i>Quichua</i> , cratasí <i>Cayubaba</i> .
milk .....iddje <i>B.</i>	shah <i>Circassian</i> , tji <i>Japanese</i> . ittuk <i>Tchuktch</i> , atsi-midi <i>Hidatsa</i> .
moon .....noogy <i>Ke.</i> onateja <i>B.</i> ounatega <i>D.</i>	maathe <i>Circassian</i> , mangets <i>Japanese</i> , kounetson <i>Aino</i> , minnatatche <i>Upsaroka</i> , eghnida <i>Mohawk</i> , kanaughquaw <i>Cayuga</i> , nungdohsungnoyee, anantoge <i>Cherokee</i> , nachaoat <i>Adahi</i> , nee-eeish <i>Caddo</i> , weechaw-nootech <i>Catawba</i> , anoko <i>Fuegian</i> .
norga <i>B.</i> scharappa <i>D.</i>	maroo <i>Loo Choo</i> , sonrekka <i>Iroquois</i> . hahnip-weehah <i>Winnebago</i> , karakkwa <i>Iroquois</i> . kevasip <i>Natchez</i> , shafah <i>Uche</i> .
morning...mashanak <i>B.</i>	miyonichi <i>Japanese</i> , unakak <i>Kadiak</i> , chinakshea <i>Upsaroka</i> .
mother.....anenga <i>B.</i> indih <i>D.</i>	nen <i>Accad</i> , yani <i>Circassian</i> , ama <i>Basque</i> , anak <i>Tchuktchi</i> , anaan <i>Aleutan</i> , anaga <i>Kadiak</i> , enah <i>Dacotah</i> , anekeh <i>Huron</i> , ehneh <i>Caddo</i> , nuque <i>Araucan</i> .
mouth.....akka <i>B.</i>	ka <i>Accad</i> , shay <i>Circassian</i> , kuchi <i>Japanese</i> . kuzha <i>Kamtchatka</i> , ekigin <i>Tchuktchi</i> , ehaugh <i>Osage</i> , ihah <i>Omaha</i> , chique <i>Iroquois</i> heche <i>Natchez</i> , cha <i>Chetimaca</i> , ah <i>Dieguno</i> , guyhica <i>Muyssa</i> .
aul <i>Ko.</i> agilk <i>Ke.</i>	agiluk <i>Aleutan</i> , oskawruhweh <i>Tuscarora</i> , tsiawli <i>Cherokee</i> , wacatcholak <i>Adahi</i> , lakka <i>Aymara</i> , iapolk <i>Puelche</i> .
chundeka <i>D.</i>	kandak <i>Tchuktchi</i> , kanhka <i>Kadiak</i> , chaknoh <i>Muskogee</i> , dunehwatcha <i>Caddo</i> .
neck.....gummurk <i>B.</i>	zeymer <i>Circassian</i> , samea <i>Basque</i> , kubi <i>Japanese</i> , yoamuu <i>Kadiak</i> , sunyarlahghey <i>Mohawk</i> , ikunla <i>Choctaw</i> , kunka <i>Quichua</i> , comala <i>Atacama</i> .

BARABRA.	KHITA.
night.....qualal <i>Ko.</i>	kolkwa <i>Kamtchatka</i> , neillhe <i>Muskogee</i> , quilla <i>Quichua</i> (moon).
awaka <i>B.</i> ougouk <i>Ke.</i>	auoka <i>D.</i> ge <i>Accad.</i> , kayshey <i>Circassian</i> , gau <i>Basque</i> . angik <i>Aleutan</i> , oche <i>Upsaroka</i> , asohe <i>Cayuga</i> , weechawa <i>Catawba</i> .
nose.....szurringa <i>B. D.</i>	ar <i>Accad.</i> , surra <i>Basque</i> , kohyoungsahli <i>Cherokee</i> , sol <i>Caddo</i> .
rain.....omorka <i>B.</i>	mururu <i>Accad.</i> , euria <i>Basque</i> , obure <i>Japanese</i> , wara <i>Tuscarora</i> , iokennores <i>Iroquois</i> , para <i>Quichua</i> .
anessik <i>Ke.</i>	aan <i>Accad.</i> , inotsi <i>Basque</i> , ame <i>Japanese</i> , neezhuh <i>Winnebago</i> , inaundase <i>Huron</i> , nasnayobic <i>Natchez</i> , ganic <i>Adahi</i> , tlinaci <i>Tehuitche</i> .
aveh <i>Ko.</i>	washghey <i>Circassian</i> , ami <i>Loo Choo</i> , umpa <i>Choctaw</i> .
river.....ser <i>Ko.</i> assig <i>Ke.</i> ossiga <i>D.</i>	aria <i>Accad.</i> , kuli <i>Choctaw</i> , hahuri <i>Aymara</i> , kogawa <i>Japanese</i> , kiigh <i>Kamtchatka</i> , kuik <i>Tchuktchi</i> , <i>Tchugaz</i> , kwikh <i>Kadiak</i> , wau-chiscah <i>Osage</i> , abesu <i>Upsaroka</i> , azi <i>Hidatsa</i> joke <i>Nottoway</i> , hucha <i>Choctaw</i> , kha <i>Dieguno</i> , eesaugh <i>Catawba</i> , sie <i>Muysca</i> .
amanga <i>B.</i>	neeshnougai <i>Otto</i> , anges <i>Minetaree</i> , kneynugh <i>Tuscarora</i> . missi <i>Natchez</i> , mayu <i>Quichua</i> .
salt.....ombotti <i>B.</i>	jamam <i>Koriak</i> , mashoo <i>Loo Choo</i> , pepum <i>Kamtchatka</i> , amahota <i>Hidatsa</i> , hupi <i>Choctaw</i> .
sheep.....eget <i>B.</i>	uda <i>Accad.</i> , hitsuji <i>Japanese</i> , chita <i>Quichua</i> .
shoes.....quare <i>Ko.</i> koresk <i>Ke.</i> derka <i>B.</i>	ihlhuchik <i>Kadiak</i> , oochekoora <i>Tuscarora</i> , ateraki <i>Iroquois</i> , shulush <i>Choctaw</i> , delahsuloh <i>Cherokee</i> .
sister.....anissega <i>B.</i> onissega <i>D.</i>	ane. onnakiyodai <i>Japanese</i> , oni <i>Loo Choo</i> , angeen <i>Aleutan</i> , tunkshe <i>Dacotah</i> , aenyaha <i>Huron</i> , nocksishtike <i>Choctaw</i> , unggedo <i>Cherokee</i> , nanay <i>Quichua</i> .
sit.....tiko, <i>B.</i>	tize <i>Circassian</i> , tijay <i>Quichua</i> .
sea.....essi <i>B.</i>	ichasoa <i>Basque</i> , shey <i>Circassian</i> , ooshoo <i>Loo Choo</i> . kai <i>Japanese</i> , okhuttah <i>Choctaw</i> .
speak.....bayn <i>B.</i>	sbaghey <i>Circassian</i> , hanasu <i>Japanese</i> , bedow <i>Upsaroka</i> , owenna <i>Iroquois</i> (speech), gahwonehah <i>Cherokee</i> . pouinyuy <i>Muskogee</i> , cubun <i>Muysca</i> , pin <i>Araucan</i> .
star.....woussik <i>Ke.</i>	hoshi. fosi <i>Japanese</i> , weewetheestin <i>Dacotah</i> weechahpee <i>Yankton</i> . ojistik <i>Mohawk</i> , phoutchik <i>Chickasaw</i> , owohchikea <i>Hitchitee</i> wahpeeknu <i>Catawba</i> , pacheta <i>Chetimaca</i> , fagua <i>Muysca</i> .
windjega <i>B.</i> ondou <i>Ko.</i>	dshogha <i>Circassian</i> . ojishonda <i>Cayuga</i> .
sun.....maschekka <i>B.</i> mashake <i>D.</i>	matschak <i>Tchuktchi</i> , madzshak <i>Kadiak</i> , menakkah <i>Mandan</i> , meencajai <i>Omaha</i> , nungdohegah <i>Cherokee</i> , neetakhasseh <i>Choctaw</i> , neetahusa <i>Muskogee</i> . nyatch <i>Cuchan</i> , noteeh <i>Catawba</i> , nagg <i>Adahi</i> , antaigh <i>Araucan</i> .
es <i>Ko.</i>	iguzki <i>Basque</i> , hi <i>Japanese</i> , ahhiza <i>Upsaroka</i> , kachquaw <i>Seneca</i> , aheeta <i>Nottoway</i> , hushi <i>Choctaw</i> , sako <i>Caddo</i> , sua <i>Muysca</i> .

BARABRA.	KHITA.
tooth.....nyta <i>B.</i>	noontinga <i>Tehugaz</i> , onotchia <i>Iroquois</i> , noti <i>Choctaw</i> , innotay <i>Muskogee</i> , int <i>Natchez</i> .
gehl <i>Ko.</i> nelky <i>Ke.</i>	aghalun <i>Aleutan</i> , onouwelah <i>Cayuga</i> , olosag <i>Nottoway</i> , kiru <i>Quichua</i> , lacaechaca <i>Aymara</i> .
tongue.....nadka <i>D.</i> narka <i>B.</i>	nutshel <i>Kamutchka</i> , neighjee <i>Minetaree</i> , ennasa <i>Iroquois</i> , undauchshean <i>Huron</i> , yahnohgah <i>Cherokee</i> , nedle <i>Attacapa</i> .
tree... ..sahleq <i>Ko.</i> saleyg <i>Ke.</i>	arecha <i>Basque</i> , kerlittie <i>Mohawk</i> , geree <i>Not-toutay</i> , yali <i>Atacama</i> , kullu <i>Quichua</i> (wood).
goula <i>D.</i>	gu <i>Accad</i> , ki <i>Japanese</i> , jaga <i>Aleutan</i> , yahak <i>Unalashkan</i> , chaongeena <i>Yankton</i> , kaeet <i>Seneca</i> , yah <i>Uche</i> , kagg <i>Attacapa</i> , yako <i>Caddo</i> , guye <i>Muysca</i> , hacha <i>Quichua</i> , cococa <i>Aymara</i> , ichcai <i>Atacama</i> .
goui <i>B.</i>	a <i>Accad</i> , aga <i>Circassian</i> , wakha <i>Insu</i> , sui <i>Japanese</i> , hochneak <i>Oneida</i> , uckah <i>Choctaw</i> , okkee <i>Hitchitee</i> , eau <i>Wocoon</i> , ejau <i>Catawba</i> , ak <i>Attacapa</i> , ko <i>Chetimaca</i> , koko <i>Caddo</i> , aho <i>Cuchan</i> , haache <i>Maricopa</i> , sie <i>Muysca</i> , yaku <i>Quichua</i> , ko <i>Araucan</i> , yagiy <i>Faegian</i> .
water.....esseg <i>D.</i>	meze <i>Loo Choo</i> , mok <i>Tchuktchi</i> , nunak <i>Tehugaz</i> , minne <i>Uysaroka</i> , mini <i>Dacotah</i> , oneegha <i>Minekussar</i> , ommah <i>Cherokee</i> , huma <i>Aymara</i> , mouke <i>Araucan</i> .
amanga <i>B.</i>	iteheeshoong <i>Loo Choo</i> , ma-thuk <i>Aleutan</i> , tschang <i>Dacotah</i> , tattasuggy <i>Osage</i> .
wind.....touga <i>B.</i>	tekawerakwa <i>Iroquois</i> , hotalleye <i>Muskogee</i> .
tourouck <i>Ke.</i> irschu <i>Ko.</i>	ni, min, mak <i>Accad</i> , emakume <i>Basque</i> , in-nago <i>Loo Choo</i> , mennokoosi <i>Aino</i> , meanako <i>Insu</i> , onna <i>Japanese</i> , angagenak <i>Aleutan</i> , eenah <i>Dacotah</i> , nogahah <i>Winnebago</i> , yonkwe <i>Mohawk</i> , ageyung <i>Cherokee</i> , waunehung <i>Uche</i> , ehnhc <i>Caddo</i> , quocheokinok <i>Adahi</i> , seen <i>Dieguno</i> , seenyack <i>Cuchan</i> , anu <i>Sapibocono</i> , nacuna <i>Patagonian</i> , iamokanika <i>Tchuilche</i> , iamokhonok <i>Puelche</i> .
kirgiuata <i>D.</i>	dam <i>Accad</i> , tackki <i>Loo Choo</i> , tawicu <i>Dacotah</i> , utehkeh <i>Huron</i> , tekchi <i>Choctaw</i> , tah-mahl <i>Natchez</i> , tana <i>Itenez</i> , domo, thamo <i>Araucan</i> .
woman.....ing <i>Ke.</i> enga <i>D.</i>	mogha <i>Circassian</i> , ning <i>Loo Choo</i> .
eadon <i>Ko.</i> edinga <i>B.</i>	
idinga <i>D.</i>	
year .....gemga <i>B.</i>	

The vocabulary of the Barabra, judging by the limited specimens of which I have been able to avail myself, thoroughly coincides with those whose resemblances have already been set forth. Some of the Basque analogies are very striking. Thus we have okera Barabra and choria Basque, bird; aninga and anagea, brother; kalg and galoa, bread; arykka and araguaia, flesh; karag and araga, fish (compare the Aino karasacki); igh and escua, hand; oar and burua, head; ogikh and guizua, man; ougouk and gau, night; szurringa and surra, nose; omorka,

anessik and euria, inotsi, rain; enga and emakum, woman; owi and bi, two; bure and amar, ten. What closer resemblance is possible within the domain of comparative philology than that which is presented in the Barabra agilk, chundeka, mouth, on the one hand, and the Aleutan agilak, Tchuktchi kandak, on the other? Such another example is afforded in a comparison of the Barabra maschekka and the Tchuktchi and Kadiak matschak, the Sun. So again the Barabra Kehl is the Aleutan aghalun, tooth, while aly and onial are the Koriak allo and the Aleutan angallak, day. The Aleutan and Kadiak, with the allied Tchuktchi, seem to have preserved almost intact the old Hittite forms, which the Barabra carried into Nubia nearly four thousand years ago. The Aleutans and Barabra agree in being worshippers of the sun like other Hittites, in the manufacture of red waterproof leather, and in their manner of adorning the head, the only difference being that the Aleutans replace with beads the little pellets of yellow clay which the Nubians attach to their flowing locks. Physical ethnology would never have dreamt of uniting white Basques and Circassians, black Nubians, yellow Japanese and red American Indians; but philology, which knows no colour but that of words and constructions, makes them one. It may be that in the Barabra we shall yet find the purest surviving form of the ancient Hittite language. Some of its numerals help to connect those of the Peruvian dialects with other Hittite forms. Such are tosk 3 and kemsou 4, which the Quichua inverts, taking kimsa for 3 and tahua for 4; iscodon 9 is the Quichua iscon, and dimaga 10 the Aymara and Sapi-bocono tunca, while bure, another form of the same number, is the Cayubaba bururuché, and, at the same time, the Dacotah perakuk.

The subject of numerals, however, takes us into central Africa by way of Darfur as far as Haussa. The Furian and Haussa vocabularies are almost entirely made up of Khitan and Sumerian words, and the grammar of the latter language is virtually that of the Berber. Before I knew that Dr. Hyde Clarke had placed the Haussa among his Vasco-Kolarian languages, I had been struck with the resemblance of its numerals to those of the Basque, which have long been regarded as unique. Thus the Haussa bu 2 is the Basque bi, biga, bida, the Accad bi, Barabra owi, Corean fupu, Cadno bit, Muysca bosa, Aymara paya, Atacama poya, Cayubaba bbeta, Araucanian epu and Peulche petci.

In the Haussa biet, bere 5, we find the Basque bost and borzt, the Accad para, the Iroquois wish, the Quichua and Aymara ppsica and the Sapibocono pissica. The Haussa shiddah 6 appears in the Basque sei, the Uche chtoo, the Quichua and Aymara socta and the Sapibocono succuta. For the number 7 the Basque zazpi connects with the Furian szebbe, and thus with the Dacotah shapua, shawcopee and the Muysca cuhupqua; while the Haussa bookqua, buckeree furnish analogies to the Caddo bissickka, the Maricopa pakek, the Adahi pacaness and the Aymara pacalco. Nine in Haussa is farra or turrah, and in these forms we have the elements out of which the Basque bed-eratzı was formed. Ten again is gomar, the Basque hamar and the Araucanian mari. From the Barabra, Furian and Haussa many of the Peruvian forms of the numerals may be recovered and their antiquity established, as well as their relation to the old Khita Sumerian confederacy, which left such extensive traces on the African continent as well as those in Europe, Asia and America.

NUMERALS.

PERUVIAN.	KHITA-SUMERIAN.
1... huc, suc <i>Quichua</i> . (? dik <i>Darfur</i>) mai <i>Aymara</i> , sema <i>Atacama</i> .	gi <i>Accad</i> , aki seka <i>Circassian</i> , ichi <i>Japanese</i> , soquo <i>Cherokee</i> , sah <i>Uche</i> , siha <i>Dieguno</i> . naya <i>Kashna</i> , kemmis <i>Kamtchatka</i> , unji <i>Tuscarora</i> , onje <i>Dacotah</i> , meeachee <i>Omaha</i> , hommai <i>Muskogee</i> , hongö <i>Chetimaca</i> hannick, <i>Attacapa</i> , sin <i>Cuchan</i> , hina <i>Dieguno</i> , kine <i>Araucan</i> .
2... ycaı, iscaı Q. paya A. poya At. bbeta <i>Cay-ubaba</i> . mitia <i>Sapibocono</i> .	cas <i>Accad</i> , au <i>Darfur</i> , oh <i>Circassian</i> , hokko <i>Muskogee</i> . bi <i>Accad</i> , bi, bida, biga <i>Basque</i> , bu <i>Haussa</i> , biu <i>Kashna</i> , owi <i>Barabra</i> , wiba <i>Circassian</i> , futatsu <i>Japanese</i> , fupu <i>Corea</i> , ahwetie <i>Natchez</i> , bit <i>Caddo</i> , hupau <i>Chetimaca</i> , haveka <i>Maricopa</i> , bosa <i>Muysca</i> , epu <i>Araucan</i> , petei <i>Puelche</i> .
3... curapa " " " " " " quinca Q. kimsa Q. A., kimisa C.	mittanoo <i>Kamtchatka</i> , mitsu <i>Japanese</i> (3). raph <i>Aino</i> . san <i>Japanese</i> , sang <i>Loo Choo</i> , kankas <i>Aleutan</i> , aushank <i>Huron</i> . kemsou, kemsoga, kemmisk <i>Barabra</i> (4), hamuc <i>Cuchan</i> , hamoka <i>Maricopa</i> , khamoc <i>Dieguno</i> , mica <i>Muysca</i> .
4... chalpa At. pusi A. S. chadda C. tahua Q.	tshopi <i>Winnebago</i> , chapop <i>Cuchan</i> , champapa <i>Maricopa</i> , tchapap <i>Dieguno</i> . fudu <i>Haussa</i> , pshi <i>Circassian</i> , peaweh <i>Caddo</i> . huddu <i>Kashna</i> , yotsu <i>Japanese</i> , tshitaami <i>Tchugaz</i> , ushta <i>Choctaw</i> . tosk, todje <i>Barabra</i> (3), tshusquat <i>Kamtchatka</i> (3), thascha <i>Kamt.</i> (4), toua <i>Otto</i> , towae <i>Ioway</i> , tssets <i>Attacapa</i> , tacache <i>Adahi</i> .

PERUVIAN.

5 ...ppisca Q. A. pissica S.

6 ...socta Q. A. succuta S.

carata-rirobo C.

michalo At.

7...canchis Q.

pacalco A. pacaluca S.

8...passac Q.

curapà-rirobo C.

kimsa-calco A. kimisa-calco S.

cholama At.

9...iscon Q.

teker, tekara At.

pusicalco A.

10...bururuche C.

tunca A. S.

chunca Q.

such, suchi At.

KHITA-SUMERIAN.

beaha *Haussa*, biet *Kashua*, bost *Basque*,
itsutsu *Japanese*, wisk *Mohawk*. &c., wiks
Onondaga, wish *Cayuga*, hiskee *Cherokee*,
seppacan *Adahi*, dissickka *Caddo*, hussa
Chetimaca, hisca *Muyssa*, kechu *Araucan*,
shiddah *Haussa*, shaweo *Dacotah*, soodallih
Cherokee, chtoo *Uche*.

gordjou *Barabra*, roku *Japanese*.mutsu *Japanese*, mohok *Maricopa*.ganah *Tuscarora*, pacaness *Adahi*.

bookqua, buckeree *Haussa*, kalo-pagy *Muskogee*. paghu *Attacapa*, pacalcon *Adahi* (S),
bissickka *Caddo*, pakek *Maricopa*. passac
Quichua (S). puasa *Tehuilche* (S). posa
Puelche (S).

fakoa *Kashna*, fatchee *Loo Choo*. faz *Japanese*,
pigajunga *Tchuktchi*, peefah *Uche*,
upkutebish *Natchez* (see T).

kraerabane *Otto*. kraerapane *Loway*. chinna-
bah *Muskogee*.

kamtshing *Aleutan*.kolleingaien *Kadiak* (9).

iiskodk. iskodon *Barabra*, kokonotsu *Japanese*,
sickinish *Adahi*.

tarra *Kashna*, turrah *Haussa*. chakali *Choctaw*.
pewesickka *Caddo*.

pur *Accad*. bure *Barabra*, amar *Basque*,
gomar *Haussa*, oyerih *Mohawk*, perug
Mandan, peeraga *Minetaree*, perakuk *Up-
saroka*, pahlen *Muskogee*, pocoli *Choctaw*,
mari *Araucan*.

dimaga, dimega, dunning *Barabra*. team-
atska *Puelche*.

siou *Japanese*, hasuk. asik *Aleutan*. ausai
Huron, uhskohbih *Cherokee*, heissigu *Attacapa*.
shahoke *Maricopa*.

The *Haussa* and *Kashna* connection of the *Sumerians* is valuable as aiding to establish the *Biblical* relations of that ancient stock. In a paper read before the *Society of Biblical Archæology*, I endeavoured to connect, the *Zimri* of *Jeremiah* xxv. 25 and of the *Assyrian* inscriptions (*Records of the Past*, I. 22, V. 34, 41) with the *Sumerian* people, and these again with *Zimran*, the eldest son of *Abraham* by *Keturah*.* *Zama-*

* I have alluded to the same subject in an article which appeared in the *January* part of the "*British and Foreign Evangelical Review*." Since that article was in press, however, I have discovered that the *Sumerian* family was in existence prior to the time of *Zimran*, being that of the *Yorham* mentioned by many *Arabian* historians. The universal tradition is that the *Katoorah*, or descendants of *Abraham* by *Keturah*, united with the *Jorham*, from whom the original *Aumri* and *Zemirai* descended. As one of their ancestors, *Becr*, was commemorated

reni dwelt in Arabia in the neighborhood of megalithic structures, concerning one of which Palgrave, referring at the same time to Stonehenge, says: "There is little difference between the stone wonder of Kasseem and that of Wiltshire, except that one is in Arabia, and the other, more perfect, in England." According to Philostorgius, the Homeritæ were the descendants of Abraham by Keturah; and the relation between the Hebrew zimran a song, and the Erse amhran, having the same meaning, enables us to understand not only the connection of the forms Zimri and Homeritæ, but other pairs of words like Sumer and Aymara, and Zimuhr and Amor. The Celtic dialects again, both as regards their grammar and vocabulary, present many Semitic features, such as might be expected to exist in the speech of an Arabian family and the descendants of the patriarch Abraham. It is worthy of note that the people of Homeir or the Homeritæ were notorious for speaking a very corrupted dialect. In the Arabian historians, Homeir appears as a descendant of Kahtan, from whose son Saba the Kahtanites were called Sabeans; but many old writers, Arabian and others, distinguish between Sabeans and Homeritæ; and the conclusion of Dr. Russell, in his Connection of Sacred and Profane History, is that they were two distinct peoples, distinct yet closely related. Allowing the truth of the statement of Philostorgius that the Homeritæ were the descendants of Keturah, a fact rendered probable by their possession of the rite of circumcision, the most natural solution of the relation between Homeritæ and Kahtanite Sabeans is that the latter were the descendants, not of Joktan, the son of Eber, but of Jokshan, the son of Abraham, and brother of Zimran, who also had a son Sheba, his eldest son, while the Sheba of Joktan occupies a very subordinate place in the family of that patriarch. The language of the Himyaritic inscriptions confirms this, for we find that, like the Aramaean, it often replaces *shin*

in Bokhara, it is natural to suppose that the Zemirai of his line were the originators of the name Samarcand. The Ait Amor of Africa with the Aymaras of Peru would naturally connect with this Becherite line rather than with that of Zimran, through the Aumri. I have not yet found the precise relation sustained by the posterity of Zimran, represented probably by the Zamareni of Arabia, to the family of Yorham. Yet from the intimate connection of the Zimri with the Matiani of Media as set forth in the Bible and in the Assyrian inscriptions, and of these again with tribes of Jorhamite descent, it would seem that the two stocks had amalgamated.

by *tau*. If Ashtar and Yasha can become Athtar and Yatha, Jokshan may certainly be changed to Joktan. These Jokshanites seem to have been driven by the Homeritæ into Ethiopia, where they founded the kingdom of Axum, and were known to the ancient geographers as the Auxumitæ or Hexumitæ, still retaining the rite of circumcision and manifesting the same hostility towards the Homeritæ that characterized them in Yemen. Being allowed to give their own version of their name instead of Himyaritic, the Kahtan disappears and is replaced by Jokshan, which Greek travellers hellenized into Auxum. These Jokshanites, with Zimrites or Himyarites, made their way across the African continent, for the traditions of Bornou ascribe the foundation of its ancient kingdom to the Himyarites of Arabia; and, adjoining Bornou, lies the state of Kashna or Katsena, which, more perfectly than the Kahtan of the Arabs, preserves the name of the second son of Keturah. The language of Kashna is that of Haussa, which I have already associated with the Khita-Sumerian confederacy. Leo Africanus informs us that the Berbers were generally thought to be the descendants of the Sabeans, and Alexander Polyhistor, quoted by Josephus, tells the same story. There are many other authorities that might be quoted, did space permit, to the same effect. To link them with the Sumerians of Babylonia is an easy task. Sir Henry Rawlinson gives many proofs for an early connection of the Lower Euphrates with the people of Southern Arabia, and speaks of a brick from Hymar, a suburb of Babylon, as the only probable relic of the Arabian dynasty of Berosus, which Mr. Baldwin holds to be the same as the Median dynasty of that author, the word Madian or Midianite replacing the term Median. These Arabians, the leader of whom, according to the late George Smith, was Hammurabi, who built a city at Hymar, must have been the Homeritæ, Himyarites, Zimri or Sumerians, a Semito-Celtic people, and the constant allies of the Turanian Khita. The gods of Yemen were those of Babylonia. It is also worthy of note that Merodach, the name of a god introduced by Hammurabi and generally associated with Babylonian monarchy, enters as a constituent into the title of a king of the Zimri, Merodach-Mudammik. Samarcand was supposed by many Arabian historians to have been the seat of Arabian (Himyaritic) monarchs, and Humboldt favoured their view. It was no doubt a stage in the eastward journeyings of the

Sumerians with their Khita confederates. They left their traces in Media, as at Ujan, where druidical circles are found which "M. D. Hancarville regarded as resembling and probably coeval with the stupendous British monument Stonehenge." Dr. Ferguson, in his "Rude Stone Monuments in all Countries," finds these stonehenges in Northern Africa, Asia Minor, and even in India, and maintains their common origin. In Peru we have found them as the work of a Sumerian people; and I am firmly convinced that, wherever else they may be discovered, such, philology, coming to the aid of archæology, will show to have been their origin.

It may appear a somewhat improbable thing that a people speaking a Semitic language, such as was the ancient Himyaritic, should connect with the so-called Aryan Cymri and other Celts. Sir Gardner Wilkinson, however, speaking of that sub-Semitic language, the Egyptian, states that it has affinities with the Celtic and the languages of Africa, and adds: "Dr. Ch. Meyer thinks that Celtic in all its non-Sanscritic features most strikingly corresponds with the old Egyptian." We have already seen that the Berber and Haussa, both in point of grammar and vocabulary, present much in common with the Celtic, and that there are well defined Celtic traces in the Accad arising from the Sumerian relations of that language. The Sumerian seems to have been from the beginning a language peculiarly susceptible of surrounding influences, so that, while in Arabia and Africa it retained a Semitic character, in Europe it approached the Aryan, and in Chaldea and Peru became thoroughly Turanian. The Celtic dialects contain a great many Semitic roots, in the possession of which they differ entirely from the Indo-European languages, as they also differ from them, while agreeing with the Semitic tongues, in several grammatical forms of no small importance.

The occurrence of megalithic structures, so much resembling the Cymric erection called Stonehenge as to call for comparison with that monument from many different writers, in constant connection with Sumerian forms, is an argument that applies to the Arabian Himyarites as well as to other peoples whose language agrees better with the Celtic. Stonehenge itself was known as the work of Emrys and was a Cymric structure; those erections of a similar nature, referred to by Ferguson, Catherwood and Pegot-Ogier, as found in Northern Africa, relate to the

tribal and geographical names Amor, Zimuhr and Gomera; the monument of Kasseem, which Palgrave compared with that of Wiltshire, lies under the Shammar mountains in the land of the ancient Zamareni; that of Ujan in Media, called a stonehenge by D'Hancarville, is situated where Zimri and Gimirrai, doubtless the same people, once dwelt; and the great group of Tihuanaco, which Mr. F. A. Allen has named "a sort of Peruvian Stonehenge," was the work of the Aymaras. It would be a pleasing and satisfactory task to follow the track of the Sumerians and their Hittite allies from Media to the confines of America, but this my present knowledge of the intermediate countries and peoples, with their antiquities and languages, does not permit me to attempt. I have perhaps already, in seeking a fuller acquaintance with the Sumerian family, strayed too far away from my subject, the Hittites in America.

For the intermediate members of the Khita family between the Circassian and the Peninsular peoples of north-eastern Asia, I can only present the Kariens of Burmah and Siam, whom Dr. Hyde Clarke places on the line of Khita migration. The Karien Passuko are undoubtedly Hupuskians or Eastern Basques. The following short vocabulary shows their Hittite relationships:

KARIEN.	HITTITE.
all.....ahmak.	shimnete matakū, <i>Japanese</i> , ahhook <i>Upsaroka</i> , naka <i>Quichua</i> .
arm.....tchoobah, tchoobauh.	ipik <i>Kadiak</i> , idaspa <i>Hidatsa</i> (shoulder), shukba <i>Choctaw</i> , shukbah <i>Chickasaw</i> , sakpa <i>Muskogee</i> , ieskup <i>Puelche</i> .
below.....hoko.	ge <i>Accad</i> , ayshay <i>Circassian</i> , uchi <i>Japanese</i> , iehcu <i>Atacama</i> .
bad.....gyia.	gaiztoa <i>Basque</i> , ashiki <i>Japanese</i> , cheja <i>Dacotah</i> , ooyohce <i>Cherokee</i> , hucha <i>Quichua</i> .
boy, son....possa, possaho, aposo.	bosan <i>Japanese</i> , paca <i>Kamtschatka</i> , pooskoos <i>Chickasaw</i> , chibouosi <i>Muskogee</i> .
death.....mathi.	mutu <i>Haussa</i> , bat <i>Accad</i> , amaya <i>Aymara</i> .
ear.....nakhu.	nakohu <i>Mandan</i> , noghe <i>Dacotah</i> , nocksoo <i>Catarba</i> , hinchu <i>Aymara</i> .
fish.....ya.	kha <i>Accad</i> , zeyshee <i>Circassian</i> , eo <i>Loo Choo</i> , giyo <i>Japanese</i> , ho <i>Otto</i> , huh <i>Quippa</i> , haugh <i>Osage</i> , yee <i>Catarba</i> , gua <i>Musca</i> .
nga.	genjoh <i>Iroquois</i> , mua <i>Hidatsa</i> , nune <i>Choctaw</i> , makche <i>Chetimaea</i> .
fire.....me.	midahc <i>Hidatsa</i> , pajah <i>Osage</i> , epee <i>Catarba</i> , aina <i>Yuracares</i> , maja <i>Patagonian</i> .
foot.....kaw	sau <i>Haussa</i> , essa <i>Accad</i> , assa <i>Japanese</i> , jeo <i>Telugaz</i> , siha <i>Dacotah</i> , aunchsee <i>Tuscarora</i> , saseeke <i>Nottoway</i> , yeyeh <i>Chickasaw</i> , quicha <i>Musca</i> , kayu <i>Aymara</i> , chaqui <i>Quichua</i> , ahei <i>Cayubaba</i> , khoche <i>Atacama</i> .

KARIEN.	HITTITE.
good.....gha	khi. <i>Accad</i> , souyyey <i>Circassian</i> , yoi <i>Japanese</i> . shusu <i>Mandan</i> . cho <i>Muysca</i> . khaya <i>Atacama</i> .
great.....do, uddo, tau.	tak <i>Accad</i> , atto <i>Circassian</i> , andia <i>Basque</i> tai dai, <i>Japanese</i> , ictia <i>Hidatsa</i> , tougo <i>Dacotah</i> . tatchanawikie <i>Nottonway</i> , ishto, chito <i>Choctaw</i> , tocat <i>Adahi</i> , hatun <i>Quichua</i> , vuta <i>Araucan</i> , hati <i>Puelche</i> .
hair.....khusu.	uz, sik <i>Accad</i> , ke <i>Japanese</i> , kacuguy <i>Koriak</i> , hi <i>Hidatsa</i> . issi <i>Choctaw</i> . kutteks <i>Chetimaca</i> , zye <i>Muysca</i> . chuccha <i>Quichua</i> , echau <i>Sapibocono</i> .
hand.....su, koku.	su, kat <i>Accad</i> , oyg <i>Circassian</i> , igh <i>Barabra</i> , escua <i>Basque</i> , ki <i>Loo Choo</i> , aicha <i>Kadiak</i> , tsha <i>Aleutan</i> , sake <i>Dacotah</i> , shagai <i>Omaha</i> , shake <i>Mohawk</i> , kashuchta <i>Seneca</i> , uish <i>Attacapa</i> , secut <i>Adahi</i> , suyi <i>Atacama</i> . cue cuugh <i>Araucan</i> .
head.....ko.	ku <i>Accad</i> , shkha <i>Circassian</i> , kai <i>Hawssa</i> , kobe <i>Japanese</i> , kashko <i>Tchuktchi</i> . ischigi <i>Aleutan</i> , scotau <i>Huron</i> , ekuh <i>Muskogee</i> , ashkaw <i>Cherokee</i> , iska <i>Catawba</i> , ashhat <i>Attacapa</i> , zysquy <i>Muysca</i> , echuja <i>Sapibocono</i> , cacia <i>Puelche</i> , iagoha <i>Tehuilche</i> .
leg.....poka.	buchoope <i>Upsuroku</i> , hepapeeah <i>Catawba</i> , (foot), hatpeshi <i>Natchez</i> (foot). goca <i>Muysca</i> . ebbachi <i>Sapibocono</i> (foot), iargit <i>Puelche</i> . onerlachta <i>Mohawk</i> , oogahlogv <i>Cherokee</i> . llaka <i>Aymara</i> .
leaf.....lah, thela.	lid <i>Accad</i> . illarguia <i>Basque</i> , igaluk <i>Kadiak</i> , ladicha <i>Huron</i> . kelanquaw <i>Mohawk</i> , halhisie <i>Muskogee</i> , tegidlesht <i>Attacapa</i> , hullash <i>Muricopa</i> , bullyar <i>Cuchan</i> , quilla <i>Quichua</i> .
moon.....luh.	mu <i>Accad</i> , ninna <i>Koriak</i> , mei, miyomoku <i>Japanese</i> .
name.....maing.	gusei <i>Accad</i> , akai <i>Japanese</i> , akassa <i>Loo Choo</i> . shah <i>Dacotah</i> . quechtaha <i>Seneca</i> . keekahgeh <i>Cherokee</i> , sikechuh <i>Catawba</i> .
red.....gau.	tshukutshoo <i>Kamtchatka</i> , tshiotakik <i>Aleutan</i> , hade <i>Hidatsa</i> , oostaha <i>Seneca</i> , atan <i>Muysca</i> . tziok <i>Circassian</i> , chiquia <i>Basque</i> , chiisai <i>Japanese</i> , tshukudak <i>Kadiak</i> , tscheestin <i>Dacotah</i> , chotgoose <i>Muskogee</i> , iscca <i>Aymara</i> . ichcai <i>Atacama</i> . agitce <i>Puelche</i> .
rain.....tatchu, tchatchang.	sa <i>Accad</i> , ooshaghe <i>Circassian</i> , hoshi <i>Japanese</i> , aghia <i>Kadiak</i> , sthak <i>Aleutan</i> , ioka <i>Hidatsa</i> . hkaka <i>Mandan</i> . tegshu <i>Huron</i> , owohchikea <i>Hitchitee</i> , ish <i>Attacapa</i> , tsokas <i>Caddo</i> . gau <i>Araucan</i> .
small.....tcheka.	dzeh <i>Circassian</i> , sui <i>Japanese</i> . tana <i>Aleutan</i> , tsach <i>Uche</i> . ata <i>Muyeca</i> . ikita <i>Cayubaba</i> .
star.....shia, sa, za, tsah.	jan <i>Basque</i> , hamu <i>Japanese</i> , kaangen <i>Aleutan</i> , nukhwha <i>Kadiak</i> , hongauhooh <i>Huron</i> , mancatha <i>Aymara</i> , in <i>Araucan</i> , akenece <i>Puelche</i> .
ter.....ti.	aca <i>Accad</i> , aghe <i>Japanese</i> , haca <i>Aymara</i> .
t.....ang.	
raise.....heca.	

My excuse for burdening these pages with so many comparative vocabularies is that this is the only way in which I can make patent to the ordinary student of comparative philology in its ethnological connections the relations which the various peoples I have had in review sustain to one another. The whole argument for a Hittite population in America turns, first of all, upon Dr. Hyde Clarke's identification of the Accadians with the Khita; and, secondly, upon my supposition that the Khupuskai of Mesopotamia and Armenia were of the same stock. Be this as it may, I contend that there has been established a relationship of the most intimate kind between the Basques of Europe, the Nubians of Africa, the Circassians, on the borders of Europe and Asia, the Kariens, the Japanese and other Peninsular peoples of Asia, the Aleutans, Kaniagmutes (of Kadiak), the Dacotahs, Iroquois, Cherokee-Choctaws, Muyscas, Peruvian and Chilenos of America. Also I hold that the Celtic origin of the African Berbers and Guanches and of the Peruvian Aymaras has been demonstrated. To Dr. Hyde-Clarke belongs the merit of the discovery which bids fair to revolutionize the science of ethnology, a discovery which it has been a pleasure to me, as a labourer in the same field with that accomplished and veteran philologist, to confirm by new, and, I trust, not unimportant, evidence.