



ph

phau

phab	phaj	phav	pha	phas	pham	phad	phag
pheb	phej	phev	phe	phes	phem	phed	pheg
phib	phij	phiv	phi	phis	phim	phid	phig
phob	phoj	phov	pho	phos	phom	phod	phog
phub	phuj	phuv	phu	phus	phum	phud	phug
phwb	phwj	phwv	phw	phws	phwm	phwd	phwg
phceb	phcej	phcev	phce	phces	phcem	phced	phceg
phoob	phooj	phoov	phoo	phoos	phoom	phood	phoog
phiab	phiaj	phiav	phia	phias	phiam	phiad	phiag
phuab	phuaj	phuav	phu	phuas	phuam	phuad	phuag
phaib	phaij	phaiv	phai	phais	phaim	phaid	phaig
phaub	phauj	phauv	phau	phaus	phaum	phaud	phaug
phawb	phawj	phawv	phaw	phaws	phawm	phawd	phawg

th

thawv



thab	thaj	thav	tha	thas	tham	thad	thag
theb	thej	thev	the	thes	them	thed	theg
thib	thij	thiv	thi	this	thim	thid	thig
thob	thoj	thov	tho	thos	thom	thod	thog
thub	thuj	thuv	thu	thus	thum	thud	thug
thwb	thwj	thwv	thw	thws	thwm	thwd	thwg

theeb	theej	theev	thee	thees	theem	theed	theeg
thoob	thooj	thoov	thoo	thoos	thoom	thood	thoog

thiab	thiaj	thiav	thia	thias	thiam	thiad	thiag
thuab	thuaj	thuav	thua	thuas	thuam	thuad	thuag

thaib	thaij	thaiv	thai	thais	thaim	thaid	thaig
thaub	thauj	thauv	thau	thaus	thaum	thaud	thaug
thawb	thawj	thawv	thaw	thaws	thawm	thawd	thawg



ch

choj

chab	chaj	chav	cha	chas	cham	chad	chag
cheb	chej	chev	che	ches	chem	ched	cheg
chib	chij	chiv	chi	chis	chim	chid	chig
chob	choj	chov	cho	chos	chom	chod	chog
chub	chuj	chuv	chu	chus	chum	chud	chug
chwb	chwj	chwv	chw	chws	chwm	chwd	chwg

cheeb	cheej	cheev	chee	chees	cheem	cheed	cheeg
choob	chooj	choov	choo	choos	choom	chood	choog

chiab	chiaj	chiav	chia	chias	chiam	chiad	chiag
chuab	chuaj	chuav	chua	chuas	chuam	chuad	chuag

chaib	chaij	chaiv	chai	chais	chaim	chaid	chaig
chaub	chauj	chauv	chau	chaus	chaum	chaud	chaug
chawb	chawj	chawv	chaw	chaws	chawm	chawd	chawg

qh



qhia

qhab	qhaj	qhav	qha	qhas	qham	qhad	qhag
qheb	qhej	qhev	qhe	qhes	qhem	qhed	qheg
qhib	qhij	qhiv	qhi	qhis	qhim	qhida	qhig
qhob	qhoj	qhov	qho	qhos	qhom	qhoda	qhog
qhub	qhuj	qhuv	qhu	qhus	qhum	qhuda	qhug
qhwb	qhwb	qhwb	qhwb	qhws	qhwm	qhwd	qhwg
qheeb	qheej	qheev	qhee	qhees	qheem	qheed	qheeg
qhoob	qhooj	qhoov	qhoo	qhoos	qhoom	qhood	qhoog
qhiab	qhiaj	qhiav	qhia	qhias	qhiam	qhiaa	qhiaa
qhuab	qhauj	qhuv	qhua	qhuaa	qhuaa	qhuaa	qhuaa
qhaib	qhajj	qhavv	qhaj	qhais	qhaim	qhaid	qhagj
qhaub	qhauj	qhauv	qhau	qhais	qhaim	qhaid	qhagj
qhawb	qhawj	qhawv	qhaw	qhaws	qhawm	qhawd	qhawg

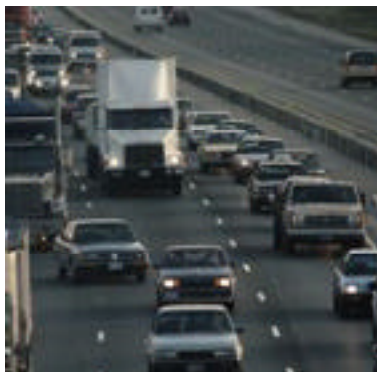


rh

rhau

rh ab	rhaj	rhav	rha	rh as	rh am	rh ad	rhag
rh eb	rh ej	rh ev	rh e	rh es	rh em	rh ed	rh eg
rh ib	rh ij	rh iv	rh i	rh is	rh im	rh id	rh ig
rh ob	rh oj	rh ov	rh o	rh os	rh om	rh od	rh og
rh ub	rh uj	rh uv	rh u	rh us	rh um	rh ud	rh ug
rh wb	rh wj	rh wv	rh w	rh ws	rh wm	rh wd	rh wg
rh eeb	rh eej	rh eev	rh ee	rh ees	rh eem	rh eed	rh eeg
rh oob	rh ooj	rh oov	rh oo	rh oos	rh oom	rh ood	rh oog
rh iab	rh iaj	rh iav	rh ia	rh ias	rh iam	rh iad	rh iag
rh uab	rh uaj	rh uav	rh ua	rh uas	rh uam	rh uad	rh uag
rh aib	rh aij	rh aiv	rh ai	rh ais	rh aim	rh aid	rh aig
rh aub	rh auj	rh auv	rh au	rh aus	rh aum	rh aud	rh aug
rh awb	rh awj	rh awv	rh aw	rh aws	rh awm	rh awd	rh awg

tsh



tsheb

tshab	tshaj	tshav	tsha	tshas	tsham	tshad	tshag
tsheb	tshej	tshev	tshe	tshes	tshem	tshed	tsheg
tshib	tshij	tshiv	tshi	tshis	tshim	tshid	tshig
tshob	tshoj	tshov	tsho	tshos	tshom	tshod	tshog
tshub	tshuj	tshuv	tshu	tshus	tshum	tshud	tshug
tshwb	tshwj	tshvv	tshw	tshws	tshwm	tshwd	tshwg

tsheeb	tsheej	tsheev	tshee	tshees	tsheem	tsheed	tsheeg
tshoob	tshooj	tshoov	tshoo	tshoos	tshoom	tshood	tshoog

tshiab	tshiaj	tshiav	tshia	tshias	tshiam	tshiad	tshiag
tshuab	tshuaj	tshuav	tshua	tshuas	tshuam	tshuad	tshuag

tshaib	tshaij	tshaiv	tshai	tshais	tshaim	tshaid	tshaig
tshaub	tshauj	tshauv	tshau	tshaus	tshaum	tshaud	tshaug
tshawb	tshawj	tshawv	tshaw	tshaws	tshawm	tshawd	tshawg



txh

txha

txhab	txhaj	txhav	txha	txhas	txham	txhad	txhag
txheb	txhej	txhev	txhe	txhes	txhem	txhed	txheg
txhib	txhij	txhiv	txhi	txhis	txhim	txhid	txhig
txhob	txhoj	txhov	txho	txhos	txhom	txhod	txhog
txhub	txhuj	txhuv	txhu	txhus	txhum	txhud	txhug
txhwb	txhwj	txhvv	txhw	txhws	txhwm	txhwd	txhwg

txheeb	txheej	txheev	txhee	txhees	txheem	txheed	txheeg
txhoob	txhooj	txhoov	txhoo	txhoos	txhoom	txhood	txhoog

txhiab	txhij	txhiav	txhia	txhias	txhiam	txhiad	txhiag
txhuab	txhuaj	txhuav	txhua	txhuas	txhuam	txhuad	txhuag

txhaib	txhaij	txhaiv	txhai	txhais	txhaim	txhaid	txhaig
txhaub	txhauj	txhauv	txhau	txhaus	txhaum	txhaud	txhaug
txhawb	txhawj	txhawv	txhaw	txhaws	txhawm	txhawd	txhawg

pl

plis



plab	plaj	plav	pla	plas	plam	plad	plag
pleb	plej	plev	ple	ples	plem	pled	pleg
plib	plij	pliv	pli	plis	plim	plid	pliag
plob	ploj	plov	plo	plos	plom	plod	plog
plub	pluj	pluv	plu	plus	plum	plud	plug
plwb	plwj	plwv	plw	plws	plwm	plwd	plwg
pleeb	pleej	pleev	plee	plees	pleem	pleed	pleeg
ploob	plooj	ploov	ploo	ploos	ploom	plood	ploog
pliab	pliaj	pliav	plia	plias	pliam	pliad	pliag
pluab	pluaj	pluav	plua	pluas	pluam	pluad	pluag
plaib	plaij	plaiiv	plai	plais	plaim	plaid	plaig
plaub	plauj	plauv	plau	plaus	plaum	plaud	plaug
plawb	plawj	plawv	plaw	plaws	plawm	plawd	plawg



plh

plhaub qes

plhab plhaj plhav plha plhas plham plhad plhag
 plheb plhej plhev **plhe** plhes plhem plhed plheg
 plhib plhij plhiv plhi **plhis** plhim plhid plhig
 plhob plhoj **plhov** plho plhos **plhom** plhod plhog

plhub plhuj plhuv **plhu** plhus plhum plhud plhug
 plhwb plhwj plhvv plhw **plhws** plhwm plhwd plhwg

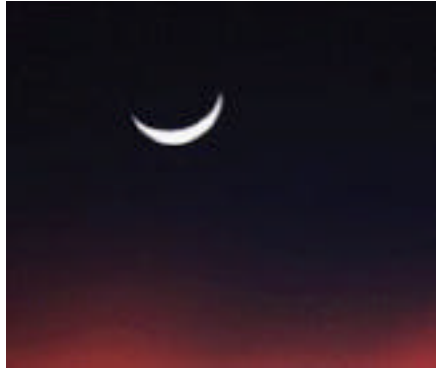
plheeb plheej plheev plhee plhees plheem plheed plheeg
 plhoob plhooj plhoov plhoo plhoos plhoom plhood plhoog

plhiab plhiaj plhiav plhia plhias plhiam plhiad plhiag
 plhuab plhuaj plhuav plhua plhuas plhuam plhuad plhuag

plhaib plhaij plhaiv plhai plhais plhaim plhaid plhaig
plhaub plhauj plhauv plhau plhaus plhaum plhaud plhaug
 plhawb plhawj plhawv **plhaw** plhaws plhawm plhawd plhawg

hl

hli



hlab	hlaj	hlav	hla	hlas	hlam	hlad	hlag
hleb	hlej	hlev	hle	hles	hlem	hled	hleg
hlib	hlij	hliv	hli	hlis	hlim	hlid	hlig
hlob	hloj	hlov	hlo	hlos	hlom	hlod	hlog
hlub	hluj	hluv	hlu	hlus	hlum	hlud	hlug
hlwb	hlwj	hlwv	hlw	hlws	hlwm	hlwd	hlwg

hleeb	hleej	hleev	hlee	hlees	hleem	hlead	hlegg
hloob	hlooj	hloov	hloo	hloos	hloom	hlood	hloog

hliab	hliaj	hliav	hlia	hlias	hliam	hliad	hliag
hluab	hluaj	hluav	hlua	hluas	hluam	hluad	hluag

hlaib	hlaij	hlaiv	hlai	hlais	hlaim	hlaid	hlaig
hlaub	hlauj	hlauv	hlau	hlaus	hlaum	hlaud	hlaug
hlawb	hlawj	hlawv	hlaw	hlaws	hlawm	hlawd	hlawg



hm

hma

hmab hmaj hma^v **hma** hmas hman hmad hmag
 hmeb hmej hme^v hme hmes hmem hmed hmeg
 hmib hmij hmiv hmi hmis hmim hmid hmig
hmob hmoj **hmov** **hmo** hmos hmom hmod hmog
 hmub hmuj **hmuv** **hmu** hmus hmum hmud hmug
 hmw^b hmwj hmw^v hmw hmw^s hmw^m hmw^d hmw^g

hmeeb hmeej hme^{ev} hmee hmees hmeem hmeed hmeeg
hmoob hmooj **hmoov** **hmoo** hmoos hmoom hmo^{od} hmoog

hmiab hmi^aj hmi^{av} hmi^a hmias hmi^am hmi^ad hmi^ag
 hmuab hmu^aj hmu^{av} hmu^a hmuas hmu^am hmu^ad hmu^ag

hmaib hmai^j hmai^v hmai hmais hmaim hmaid hmaig
 hmaub hmau^j hmau^v hmau hmaus hmaum hmaud hmaug
 hmaw^b hmaw^j hmaw^v hmaw hmaws hmaw^m hmaw^d hmaw^g

hn

hnub



hnab	hnaj	hnav	hna	hnas	hnam	hnad	hnag
hneb	hnej	hnev	hne	hnes	hnem	hned	hneg
hnib	hnij	hniv	hni	hnis	hnim	hnid	hnig
hnob	hnoj	hnov	hno	hnos	hnom	hnod	hnog
hnub	hnuj	hnuv	hnu	hnus	hnum	hnud	hnug
hnwb	hnwj	hnwv	hnw	hnws	hnwm	hnwd	hnwg

hneeb	hneej	hneev	hnee	hnees	hneem	hneed	hneeg
hnoob	hnooj	hnoov	hnoo	hnoos	hnoom	hnood	hnoog

hniab	hniaj	hniav	hnia	hnias	hniam	hniad	hniag
hnuab	hnuaj	hnuav	hnuu	hnuas	hnuam	hnuad	hnuag

hnaib	hnaij	hnaiv	hnai	hnais	hnaim	hnaid	hnaig
hnaub	hnauj	hnauv	hnau	hnaus	hnaum	hnaud	hnaug
hnawb	hnawj	hnawv	hnaw	hnaws	hnawm	hnawd	hnawg



hny

hnyav

hnyab hnyaj **hnyav** hnya hnyas hnyam hnyad hnyag
 hnyeb hneyej **hnyev** hnye hnyes hnyem hnyed hnyeg
 hnyib hnyij hnyiv hnyi hnyis hnyim hnyid hnyig
 hnyob **hnyoj** hnyov **hnyo** **hnyos** hnyom hnyod hnyog
 hnyub hnyuj **hnyuv** hnyu hnyus hnyum hnyud hnyug
 hnywb hnywj hnywv hnyw hnyws hnywm hnywd hnywg

hnyeeb hnyeej hnyeev hnyee hnyees hnyeem hnyeed hnyeeg
 hnyoob hnyooj hnyoov hnyoo hnyoos hnyoom hnyood hnyoog

hnyiab hnyiav hnyia hnyias hnyiam hnyiad hnyiag
 hnyuab hnyuaj hnyuav hnyua hnyuas hnyuam hnyuad hnyuag

hnyaib hnyaij hnyaiv hnyai hnyais hnyaim hnyaid hnyaig
 hnyaub hnyauj hnyauv hnyau hnyaus hnyaum hnyaud hnyaug
 hnyawb hnyawj hnyawv hnyaw hnyaws hnyawm hnyawd hnyawg

ml

mloog



mlab	mlaj	mlav	mla	mlas	mlam	mlad	mlag
mleb	mlej	mlev	mle	mles	mlem	mled	mleg
mlib	mlij	mliv	mli	mlis	mlim	mlid	mlig
mlob	mloj	mlov	mlo	mlos	mlom	mlod	mlog
mlub	mluj	mluv	mlu	mlus	mlum	mlud	mlug
mlwb	mlwj	mlwv	mlw	mlws	mlwm	mlwd	mlwg

mleeb	mleej	mleev	mlee	mlees	mleem	mleed	mleeg
mloob	mlooj	mloov	mloo	mloos	mloom	mlood	mloog

mliab	mliaj	mliav	mli	mlia	mlias	mliam	mliad	mliag
mluab	mluaj	mluav	mlua	mluas	mluam	mluad	mluag	

mlaib	mlaij	mlaiv	mlai	mlais	mlaim	mlaid	mlaig
mlaub	mlauj	mlauv	mlau	mlaus	mlaum	mlaud	mlaug
mlawb	mlawj	mlawv	mlaw	mlaws	mlawm	mlawd	mlawg

(also "nloog")



hml

hmlos

hmlab hmlaj hmlav hmla hmlas hmlam hmlad hmlag
 hmleb hmlej hmlev hmle hmles hmlem hmled hmleg
 hmlib hmlij hmliv hmli hmlis hmlim hmlid hmlig
 hmlob hmloj hmlov hmlo **hmlos** hmlom hmlod hmlog
 hmlub hmluj hmluv hmlu hmlus hmlum hmlud hmlug
 hmlwb hmlwj hmlwv hmlw hmlws hmlwm hmlwd hmlwg

hmleeb hmleej hmleev hmlee hmlees hmleem hmleed hmleeg
 hmloob hmlooj hmloov hmloo hmloos hmloom hmlood hmloog

hmliab hmliaj hmliaiv hmlia hmlias hmliam hmliad hmliaig
 hmluab hmluaj hmluav hmlua hmluas hmluam hmluad hmluag

hmlaib hmlaij hmlaiv hmlai hmlais hmlaim hmlaid hmlaig
 hmlaub hmlauj hmlauv hmlau hmlaus hmlaum hmlaud hmlaug
 hmlawb hmlawj hmlawv hmlaw hmlaws hmlawm hmlawd hmlawg

(also "hnlos")

nch



ncho

nchab	nchaj	nchav	ncha	nchas	ncham	nchad	nchag
ncheb	nchej	nchev	nche	nches	nchem	nched	ncheg
nchib	nchij	nchiv	nchi	nchis	nchim	nchid	nchig
nchob	nchoj	nchov	ncho	nchos	nchom	nchod	nchog
nchub	nchuj	nchuv	nchu	nchus	nchum	nchud	nchug
nchwb	nchwj	nchwv	nchw	nchws	nchwm	nchwd	nchwg

ncheeb	ncheej	ncheev	nchee	nchees	ncheem	ncheed	ncheeg
nchoob	nchooj	nchoov	nchoo	nchoos	nchoom	nchood	nchoog

nchiab	nchij	nchiav	nchia	nchias	nchiam	nchiad	nchiag
nchuab	nchuaj	nchuav	nchua	nchuas	nchuam	nchuad	nchuag

nchaib	nchaij	nchaiv	nchai	nchais	nchaim	nchaid	nchaig
nchaub	nchauj	nchauv	nchau	nchaus	nchaum	nchaud	nchaug
nchawb	nchawj	nchawv	nchaw	nchaws	nchawm	nchawd	nchawg



nkḥ

nkhaus

nkhab nkḥaj nkḥav nkḥa **nkḥas** **nkḥam** nkḥad nkḥag
 nkheb nkḥej nkḥev nkḥe nkḥes nkḥem nkḥed nkḥeg
nkḥib nkḥij nkḥiv nkḥi **nkḥis** nkḥim nkḥid nkḥig
 nkḥob nkḥoj nkḥov nkḥo nkḥos nkḥom nkḥod nkḥog
 nkḥub nkḥuj nkḥuv nkḥu nkḥus nkḥum nkḥud nkḥug
 nkḥwb nkḥwj nkḥwv nkḥw nkḥws nkḥwm nkḥwd nkḥwg

nkḥeeb nkḥeej nkḥeev nkḥee nkḥees nkḥeem nkḥeed nkḥeeg
nkḥoob nkḥooj nkḥoov nkḥoo **nkḥoos** nkḥoom nkḥood nkḥoog

nkḥiab nkḥiaj nkḥiav nkḥia nkḥias nkḥiam nkḥiad nkḥiag
 nkḥuab nkḥuaj nkḥuav nkḥua nkḥuas nkḥuam nkḥuad nkḥuag

nkḥaib nkḥaij nkḥaiv nkḥai nkḥais nkḥaim nkḥaid nkḥaig
 nkḥaub nkḥauj nkḥauv nkḥau **nkḥaus** nkḥaum nkḥaud nkḥaug
 nkḥawb nkḥawj **nkḥawv** nkḥaw nkḥaws nkḥawm nkḥawd nkḥawg

nph



nphuab

nphab nphaj **nphav** npha nphas npham nphad nphag
npheb nphej nphev nphe nphes nphem nphed npheg
nphib np hij **nphiv** nphi nphis nphim nphid nphig
nphob nphoj np hov **npho** nphos nphom nphod nphog
nphub np huj np huv np hu np hus np hum np hud np hug
nphwb np hwj **nphwv** np hw np hws np hwm np hwd np hwg

npheeb npheej npheev nphee nphees npheem npheed npheeg
np hoob np ho oj **np hoov** np hoo np hoos np hoom np hood np hoog

nphiab nphiaj nphiav nphia np hias np hiam np hiad np hiag
nphuab np huaj np huav np hua np huas np huam np huad np huag

nphaib np haij np haiv np hai np hais np haim np haid np haig
np haub np hauj np hauv **nphau** np haus np haum np haud np haug
np hawb np havj np hawv np haw **nphaws** np hawm np hawd np hawg



npl

nplooj

nplab nplaj nplav npla nplas nplam nplad nplag
 npleb nplej nplev nple nples nplem npled npleg
 nplib **nplij** npliv npli nplis nplim nplid nplig
 nplob **nploj** nplov nplo nplos nplom nplod **nplog**
 nplub npluj npluv nplu nplus nplum nplud nplug
 nplwb nplwj nplww nplw nplws nplwm nplwd nplwg

npleeb npleej npleev nplee nplees npleem npleed npleeg
 nploob **nplooj** nploov nploo nploos nploom nplood nploog

npliab **npliaj** npliav nplia nplias npliam npliad npliag
 npluab npluaj **npluav** nplua npluas npluam npluad npluag

nplaib nplaij nplai **nplai** nplais nplaim nplaid nplaig
 nplaub nplauj nplauv nplau nplaus nplaum nplaud nplaug
 nplawb nplawj nplawv nplaw nplaws nplawm nplawd nplawg

nplh

nplhaib



nplhab nplhaj nplhav nplha nplhas nplham nplhad nplhag
nplheb nplhej nplhev nplhe nplhes nplhem nplhed nplheg
nplhib nplhij nplhiv nplhi nplhis nplhim nplhid nplhig
nplhob nplhoj nplhov **nplho** **nplhos** nplhom nplhod nplhog
nplhub nplhuj nplhuv nplhu nplhus nplhum nplhud nplhug
nplhwb nplhwj nplhwv nplhw nplhws nplhwm nplhwd nplhwg

nplheeb nplheej nplheev nplhee nplhees nplheem nplheed nplheeg
nplhoob nplhooj nplhoov nplhoo nplhoos nplhoom nplhood nplhoog

nplhiab nplhiaj nplhiav nplhia nplhias nplhiam nplhiad nplhiag
nplhuab nplhuaj nplhuav nplhua nplhuas nplhuam nplhuad nplhuag

nplhaib nplhaij nplhaiv nplhai nplhais nplhaim nplhaid nplhaig
nplhaub nplhauj nplhauv nplhau nplhaus nplhaum nplhaud nplhaug
nplhawb nplhawj nplhawv nplhaw nplhaws nplhawm nplhawd nplhawg



nqh

nqhis dej

nqhab nqhaj nqhav **nqha** nqhas nqham nqhad nqhag
 nqheb nqhej nqhev nqhe nqhes nqhem nqhed nqheg
 nqhib nqhij nqhiv nqhi **nqhis** nqhim nqhid nqhig
 nqhob nqhoj nqhov **nqho** nqhos nqhom nqhod nqhog
 nqhub nqhuj nqhuv nqhu nqhus nqhum nqhud **nqhug**
 nqhw b nqh w j nqh w v nqh w nqh w s nqh w m nqh w d nqh w g

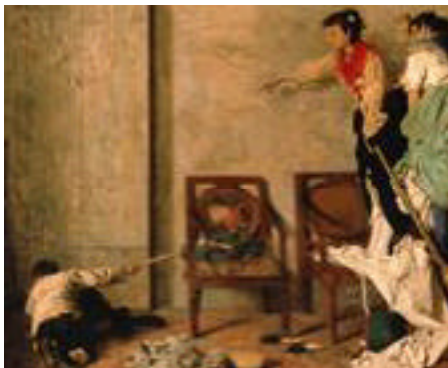
nqheeb nqheej nqheev nqhee nqhees nqheem nqheed nqheeg
 nqhoob nqhooj nqhoov nqhoo **nqhoos** nqhoom nqhood nqhoog

nqhiab nqhiaj nqhia v nqhia nqhias nqhiam nqhiad nqhiag
nqhuab nqhuaj nqhuav nqhua nqhua s nqhuam nqhuad nqhuag

nqhaib nqhaij nqhaiv nqh ai nqhais nqhaim nqhaid nqhaig
 nqhaub nqhauj nqhauv nqhau nqhaus nqhaum nqhaud nqhaug
 nqhawb nqhawj nqhawv nqhaw nqhaws nqhawm nqhawd nqhawg

nrh

nrhiav



nrhab nrhaj **nrhav** nrha nrhas nrham nrhad nrhag
nrheb nrhej nrhev nrhe nrhes nrhem nrhed nrheg
nrhib **nrhij** nrhiv nrhi nrhis nrhim nrhid nrhig
nrhob nrhoj nrhov **nrho** nrhos nrhom nrhod nrhog
nrhub **nrhuj** nrhuv nrhu nrhus nrhum nrhud nrhug
nrhwb nrhwj nrhwv nrhw nrhws nrhwm nrhwd nrhwg

nrheeb nrheej **nrheev** nrhee nrhees nrheem nrheed nrheeg
nrhoob nrhooj nrhoov nrhoo nrhoos nrhoom nrhood nrhoog

nrhiab nrhiaj **nrhiav** nrhia nrhias nrhiam nrhiad nrhiag
nrhuab nrhuaj nrhuav nrhua nrhuas nrhuam nrhuad nrhuag

nrhaib nrhaij nrhaiv nrhai nrhais nrhaim nrhaid nrhaig
nrhaub nrhauj nrhauv **nrhau** nrhaus nrhaum nrhauud nrhaug
nrhawb **nrhawj** **nrhawv** nrhaw nrhaws nrhawm nrhawd nrhawg



nth

kaus nthuav

nthab nthaj nthav nthā nthas ntham nthad nthag
 ntheb nthēj nthēv nthē nthēs nthēm nthed ntheg
 nthib nthij nthiv nthi nthis nthim nthid nthig
 nthob nthoj nthov ntho nthos nthom nthod nthog
 nthub nthuj nthuv nthu nthus nthum nthud nthug
 nthwb nthwj nthwv nthw nthws nthwm nthwd nthwg

nthēeb nthēej nthēev nthē nthēs nthēm nthēed nthēeg
 nthoob nthooj nthoov nthoo nthoos nthoom nthood nthoog

nthiab nthiaj nthiav nthia nthias nthiam nthiad nthiag
 nthuab nthuaj nthuav nthua nthuas nthuam nthuad nthuag

nthaiab nthaij nthaiiv nthai nthais nthaim nthaid nthaiag
 nthaub nthauj nthauv nthau nthaus nthauam nthaud nthaug
 nthawb nthawj nthawv nthaw nthaws nthawm nthawd nthawg

ntsh

nqus ntshav



ntshab ntshaj **ntshav** ntsha ntshas ntsham ntshad ntshag
ntsheb ntshej ntshav ntshe ntshes ntshem ntshed ntshag
ntshib ntshij **ntshiv** ntshi ntshis ntshim ntshid ntshig
ntshob ntshoj **ntshov** ntsho ntshos ntshom ntshod ntshog
ntshub ntshuj ntshuv ntshu ntshus ntshum ntshud ntshug
ntshwb ntshwj ntshwv ntshw ntshws ntshwm ntshwd ntshwg

ntsheeb ntseej ntseev ntsee ntsees ntseem ntseed ntseej
ntshoob ntshooj ntshoov ntshoo ntshoos ntshoom ntshood ntshoog

ntshiab ntshiaj ntshiav **ntshia** ntshias ntshiam ntshiad ntshiag
ntshuab ntshuaj ntshuav **ntshua** ntshuas ntshuam ntshuad ntshuag

ntshaib ntshaij ntshaiv **ntshai** ntshais ntshaim ntshaid ntshaig
ntshaub ntshauj ntshauv ntshau **ntshaus** ntshaum ntshaud ntshaug
ntshawb ntshawj ntshawv ntshaw ntshaws ntshawm ntshawd ntshawg



ntxh

ntxhw

ntxhab	ntxhaj	ntxhav	ntxha	ntxhas	ntxham	ntxhag
ntxheb	ntxhej	ntxhev	ntxhe	ntxhes	ntxhem	ntxheg
ntxhib	ntxhij	ntxhiv	ntxhi	ntxhis	ntxhim	ntxhig
ntxhob	ntxhoj	ntxhov	ntxho	ntxhos	ntxhom	ntxhog

ntxhub	ntxhuj	ntxhuv	ntxhu	ntxhus	ntxhum	ntxhug
ntxhwb	ntxhwj	ntxhwv	ntxhw	ntxhws	ntxhwm	ntxhww

ntxheeb	ntxheej	ntxheev	ntxhee	ntxhees	ntxheem	ntxheeg
ntxhoob	ntxhooj	ntxhoov	ntxhoo	ntxhoos	ntxhoom	ntxhoog

ntxhiab	ntxhiaj	ntxhiav	ntxhia	ntxhias	ntxhiam	ntxhiag
ntxhuab	ntxhuaj	ntxhuav	ntxhua	ntxhuas	ntxhuam	ntxhuag

ntxhaib	ntxhaij	ntxhaiv	ntxhai	ntxhais	ntxhaim	ntxhaig
ntxhaub	ntxhauj	ntxhauv	ntxhau	ntxhaus	ntxhaum	ntxhaug
ntxhawb	ntxhawj	ntxhawv	ntxhaw	ntxhaws	ntxhawm	ntxhawg

Near-equivalents in English

a	father	nr	-
ai	aisle	nrh	-
au	ow	nt	indoors
aw	-	nth	on top
c	-	nts	injure
ch	-	ntsh	in chop
d	dog	ntx	ends n
dh	-	ntxh	wants off
e	eight	ny	canyon
ee	length	o	lot
f	fog	oo	-
h	hot	p	-
hl	-	ph	pot
hm	-	pl	-
hml	-	plh	please
hn	-	q	-
hny	-	qh	-
i	ee k	r	-
ia	Maria	rh	-
k	skill	s	saw
kh	kill	t	still
l	lot	th	till
m	man	ts	jog
ml	-	tsh	chin
n	not	tx	adds on
nc	-	txh	hats off
nch	-	u	soup
nk	ingot	ua	pursuable
nkh	on call	v	van
np	gambit	w	-
nph	impress	x	sit
npl	input	xy	is huge
nplh	inplausible	y	yes
nq	-	z	azure
nqh	-		

White Hmong Phonemes & Graphemes (Hmoob Dawb)

Two lips	Teeth & lip	Tongue & teeth	Tongue & ridge	Tongue tip & roof	Tongue mid & roof	Tongue curled	Tongue back & soft palate	Throat	FLOW OF AIR
									STOP
p paj <i>flower</i>			t tiab <i>skirt</i>	d diav <i>spoon</i>			k kub <i>hot</i>	q qaib <i>chicken</i>	Voiceless
ph phiab <i>bowl</i>			th thawb <i>push</i>	dh dhia <i>jump</i>			kh khub <i>dirty</i>	qh qhia <i>teach</i>	Voiceless and aspirated (with puff of air)
np npua <i>pig</i>			nt ntawv <i>paper</i>				nk nkoj <i>boat</i>	nq nqaij <i>meat</i>	Voiced (vocal cords vibrate)
nph nphob <i>faded</i>			nth nthuav <i>open (book)</i>				nkx nkhaus <i>crooked</i>	nqh nqhis <i>thirsty</i>	Voiced and aspirated
									CONTINUANT
	f fuab <i>cloud</i>		x xovtooj <i>telephone</i>		s sov <i>warm</i>		xy xyoob <i>bamboo</i>	h huab <i>cloud</i>	Voiceless
	v vaj <i>garden</i>		y yaj <i>sheep</i> l liab <i>monkey</i>		z zos <i>village</i>				Voiced (vocal cords vibrate)
hm Hmoob <i>Hmong</i>			hl hlis <i>moon</i> hn hnub <i>star, sun</i>				hny hnyav <i>heavy</i>		Aspirated (with puff of air)
m me-me <i>little</i>			n niam <i>mother</i>				ny nyiaj <i>money</i>		Nasal (air through the nose)
									AFFRICATE
			tx txiv <i>father</i> txh txhob <i>don't</i>	c co <i>shake</i> cho choj <i>bridge</i>	ts tsev <i>house</i> tsh tsheb <i>car</i>	r riam <i>knife</i> rh rho <i>pull out</i>			Voiceless Voiceless, aspirated
			ntx ntxiv <i>add to</i> ntxh ntxhw <i>elephant</i>	nc nceb <i>mushroom</i> nch ncho <i>smoky</i>	nts ntse <i>fish</i> ntsh ntshav <i>blood</i>	nr nruas <i>drum</i> nrh nrhiav <i>look for</i>			Voiced Voiced, aspirated

a e i o u w
ai ee ia oo ua
au
aw

Green Hmong Phonemes & Graphemes (Moob Leeg, Moob Ntsuab)

Two lips	Teeth & lip	Tongue & teeth	Tongue & ridge	Tongue tip & roof	Tongue mid & roof	Tongue curled	Tongue back & soft palate	Throat	FLOW OF AIR
									STOP
p paaj flower			dl dlaab skirt	d dav spoon			k kub hot	q qaib chicken	Voiceless
ph phab bowl			dlh xxx	dh dha jump			kh khub dirty	qh qha teach	Voiceless and aspirated (with puff of air)
np npua pig			ndl ndlawv paper				nk nkoj boat	nq nqaij meat	Voiced (vocal cords vibrate)
nph nphob faded			ndlh xxx				nkx nkhaus crooked	nqh nqhis thirsty	Voiced and aspirated
									CONTINUANT
	f fuab cloud		x xuvtooj telephone		s sov warm		xy xyoob bamboo	h xxx	Voiceless
	v vaaj garden		y yaaj sheep l lab monkey		z zus village				Voiced (vocal cords vibrate)
hm xx			hl hlis moon				hn xx hn xxx		Aspirated (with puff of air)
m Moob Hmong			n nam mother				ny nyaj money		Nasal (air through the nose)
									AFFRICATE
			tx txwv father txh txhob don't	c cu shake cho chuj bridge	ts tsev house tsh tsheb car	r ram knife rh rho pull out			Voiceless Voiceless, aspirated
			ntx ntswv add to ntxh ntxhw elephant	nc nceb mushroom nch ncho smoky	nts ntsev fish ntsh ntshaav blood	nr nruas drum nrh nrhav look for			Voiced Voiced, aspirated

a
ai
au
aw

aa

e
ee

i

o
oo

u
ua

w



Since 1984, Folsom Cordova Unified School District (near Sacramento, California) has housed a specialty resource center for Southeast Asian students, their parents, their teachers, and community members with whom they interact. The Center's collection is owned by the Refugee Educators' Network, Inc., a 501c(3) non-profit organization. Funding for the Center's collection, circulation, and development of materials comes from conferences, subscriptions, donations, and grants.

2460 Cordova Lane, Rancho Cordova CA 95670
(916) 635-6815, fax (916) 635-0174, SEACRC@ns.net
Judy Lewis, Lue Vang, Nguyet Tham, Kieu Tham
<http://mills.fcusd.k12.ca.us/ctrsite/index.html>

Publications

Context, Southeast Asians and other newcomers in California schools (newsletter).

Tawm Lostsua Mus, Out of Laos: A Story of War and Exodus, Told in Photographs (Warner, translated by Vang and others, 1996).

Introduction to Vietnamese Culture (Huynh Dinh Te, 1996).

Handbook for Teaching Armenian-Speaking Students (Avakian, Ghazarian, 1995).

Amerasians from Vietnam: A California Study (Chung & Le, 1994).

Proceedings on the Conference on Champa (Translated by Huynh Dinh Te, 1994).

Minority Cultures of Laos: Kammu, Lua', Lahu, Hmong, and Mien (Lewis; Kam Raw, Vang, Elliott, Matisoff, Yang, Crystal, Saepharn. 1992).

Handbook for Teaching Hmong-Speaking Students (Bliatout, Downing, Lewis, Yang, 1988).

Handbook for Teaching Khmer-Speaking Students (Ouk, Huffman, Lewis, 1988).

Handbook for Teaching Lao-Speaking Students (Luangpraseut, Lewis 1989).

Introduction to the Indochinese and their Cultures (Chhim, Luangpraseut, Te, 1989, 1994).

English-Hmong Bilingual Dictionary of School Terminology, Cov Lus Mis KujTxhais ua Lus Hmoob (Huynh D Te, translated by Lue Vang, 1988).