Notebook 3

THE PRESENT STATE
OF
THE LOGLAN™ LANGUAGE

by
James Cooke Brown

Copyright © 1987 by
The Loglan™ Institute, Inc.
A Non-Profit Research Corporation
1701 Northeast 75th Street
Gainesville FL 32601
U. S. A.
LIST 1. PRIMITIVE PREDICATES, L-E
(Sorted by Loglan)

badjo (baj) bough/limb/branch of...
bado (bad) bundle/package of/containing...
bakso (bao) box of/containing...
bakto (bak) bucket/pail of/containing...
balei (baci bai) build...from materials...
balko (-) balcony of building...
balm (bam) ball/sphere n.; spherical a.
balpi (bai) balanced under forces...
banbe (-) bay of coast...
baneri (ban) bathe in...
banko (-) bank of community...
bania (-) banana from source...
banse (-) basket of/containing...
bapra (-) operate...with goal...
barda (-) reward...for...with...
barcu (-) bar/tavern of community...
barma (bar ma) arm of...body-part
bart (bat) board of material...
basni (bas) base/foundation/basis of...
batmi (bat) trade...for...with..."barter"'
batpi (bap) bottle of/containing...
batra (-) butter, an amount of...
bedpu (bed) bed n.
begei (beg be) beg/request of/from...
beiki (bei) bell producing sound/note...
bekti (bek) object enduring in space-time
beidu (-) belly/abdomen of...
bendu (ben bei) band/orchestra of players...
berci (-) sheep n.
berna (-) brain of...
berti (bei t) carry/to...from..."bear"
beiteu (be) bent, more...crooked than...
bidei (bie) edge of...between...
bieci (-) bee n.
bifte (-) beefsteak, an amount of...
bica (bic) military of..."militia"'
biga (-) billiards, play...with...
bili (bili) beautiful, more...than...
bisu (-) beer, an amount of...
bisai (bis) ice, an amount of...
bitec (-) whip/lash n. "switch"
bitta (bita bia) between...and..."beside"
bivdu (biv bid bi) behave...under...
bibai (lab) white, -er than..."blank"
blada (bla) blade of tool/weapon...
blanu (-) blue, -r than...
bleka (ble) look at...
bleiku (bli) possible under conditions...
bloda (blo) hit...with..."blow"
bloku (-) block of material...
bludi (blu) blood of organism...
blusa (-) blouse n.
bomba (-) bomb n.
bongu (bon) bone of...
borku (bor) bow for arrows...
botci (boi) boy n.
botni (-) button of...
botsu (bot bou) boat n.
brana (bra) born, be...to...
brato (rao) ratio of...divided by...; math.
breba (reb) bread, an amount of...
brei (bre) ready for...
breko (rek) brake of...
briga (rig ria) brave, -er than...under...
briku (rik) brick n.
brili (rii) brilliant, brighter than...by...
brize ( bri) breeze/wind from...
broc (roc rou) brush n.
bruda (rod) broken/inoperable
broko (bro) break into pieces...
brona (-) brown, -er than...
bruci (-) brooch n.
brudi (bru) brother of...through...
brute (re) breathe v.t.
buf (buf) opposite from...in quality...
bufk (buk bui) book about...by...
buli (bul bul) bulb of plant/species...
bulju (bui) boil at temperature...
bunbo (bun) fool, be...ish about..."boob"
buste (bus bue) step on/in...
bupa (-) boot n.
cabro (cab cao) burn at temperature..
cadre (-) dress/gown/frock
camle (-) camel, genus Camelus
canli (ca nai) quantity of...on scale...
canase (can ce) chance, random under...
capri (cap) print v.t.;...on...
carbo (car) carbon C
cartu (cat) chart/map of...by...
casio (cas) whistle n.
cavia (cav) shovelfoot n.
cedzu (ced) shade/shadow of...from source...
cefli (cef) chief of...for activity...
celna (cel) shelf of/containing...
cenja (cej cea) change into/become...from...
centi (ceen) hundredth part of..."cent"
cersi (cei) chair n.
cetlo (cest) wet with...
cibra (-) bridge over/ across...
cidja (cid) awake, be...
ciktu (cik ciu) equal..in/on dimension.
cilda (-) island in sea.
cimra (cim) summer of year.
cinta (cin) infant/baby of.
cirna (cir cia) learn..from source.
cirzo (cio) shears/scissors.
cisti (cis) history of..by.
citlu (cil) detail of.. 
citre (cit cine) thread, an amount/length of.
ckafe (-) cafe of community.
ckano (eka) kind, be -to.
ckela (ke) school of community.
ckemo (ke) time/interval from..to 'tempo' 
ckozu (eko) cause/be a - of..under.
clado (cia) loud, -er than..by.
clafu (-) laugh at.
clesi (cle) without, be - ..be..less.
cliudu (-) slide/slip on.
clife (lif) leaf of plant.
clika (lik) like/similar to..in.
clina (lin lia) line through points.
elivi (liv lii) live/be alive.
clori (clo) chlorine Cl.
cluvu (chu) love v.t.
clmalo (cma) small, -er in volume than..by.
cmeni (cem) money issued by.
cmisa (cml) amused, be -by..by doing.
cmid (eni) need for.
cnmu (cnu) new to..in feature.
cniku (col) silk made of.
cnmtu (con cot cou) ashamed of doing/being.
cndi (con) deep, -er than..by.
corta (cor caa) short, -er than..by.
cpulu (cpu) pull..to..from.
crano (cra) smile at.. 'grin'.
crina (cri) rain, be -ed on by.
ctek (cte) tax on..by..for use.
ctifu (eti) stuff matter/material.
ctuda (etu) fees of.. 'stool'.
cundo (cuo) window of.
cupri (cup) copper Cu.
curca (cur) secure/safe from.. 'sure'.
curdi (-) insure..against..for fee.
curta (-) shirt/upper-body garment.
cutci (cu) shoe n.
cutri (cut cui) water, an amount/expanse of.
cutse (cux cue) say..to.
dekli (dak) likely, -ier than..under.
delra (-) dollar, be worth..-s; default 1

dammi (dam) down, lower than..by..in f'id.
dampa (-) pump for -ing..from..into.
danci (dan dal) design, be a plan for..by.
danri (-) ordinary, more - than..in.
danse (-) dance to.
dante (dat) tooth of.. 'dental'.
danza (daa) desire/want..for..
dapli (-) reply to..with response.
daril (dar) far, -ther than..from..by.
darto (dao) door of/in.
daspa (das dap) responsible for..to.
deet (dec) tenth part of.. 'deci-'
dedjo (ded dej) finger of.. 'digit'.
dekto (dek) tenfold of.. 'deka-'.
denv (del dei) day, -time of day.. 'daily'.
denro (den) danger, -ous to..under.
dertu (der deu) dirt/soil/earth from/of.
detra (det dea) daughter of..and.
dillo (-) delicious, more - than..to.
dilri (-) represent..in/under.
dipri (dip) dear/precious to.
diroo (dir dio) direction, be in..from.
diru (-) lose person/thing.
dislu (diu) discuss..with.
disri (diu) decide..to do..about.
ditea (dic dia) teach..to do/know.
ditka (dit) bite..on/at.
djano (dja) know..about.
djela (dje jel) well, healthier than.
djesi (-) digest ..; v.t.
djeto (jet) owe..to..for.. 'debt'.
djine (dji) join, be -ed to..at.
djipo (jip jio) important to..in/for.
djitu (jit juu) tight, be -er than..on.
djori (djo) member of set/group.. 'join'.
djoso (jos) sew..to.
djoto (-) toe of.
djudi (djui) judge to be.; be a.
djula (jul) jewel in/of jeweled object.
djupo (jup juu) support..with/by.
donsu (don dou) give..gift.. 'donate'.
dorja (dor) war, be at - with..over.
dotca (-) German language 'Deutsch'.
dotci (-) German person 'Deutsch'.
dotco (-) German culture 'Deutsch'.
dotra (-) winter of year.
draka (rak) dark, -er than..by.
drani (dra) dry, -er than..by.
drara (-) drawer of/containing.
dreti (dre) correct by standard.
drida (-) drop of liquid.
driki (dri) remember..about.
dugri (-) unit of scale.. 'degree'.
dupma (dup) dupe/deceive/trick..about..by.
durna (dun dua) adorn..be an -ment of.
durzo (dru dur duo) do..to...
dustu (dus) dust n.
dutei (dut) doubt that..is true of..
duvri (duv dui) discover...about..
dzabi (dza) be real/exist for...under..
dzaso (zas) soap, an amount of -
dzelii (dze) jelly, an amount of -
dzoru (dzo) walk to..from..via..
fagro (fag) fire, be a - in..
falba (faba) fail to do/be..under..
falji (fai) false by standard..
famji (fam) family with members..
famva (va) famous for..among..
fando (fada) end of thing/process.. 'final'
fanra (fan) farm of community..
fante (fav) reverse of.../in - order from...
fafu (fra far) father of...out of mother..
farka (-) arch over/be an - over..
fasal (-) face of..
fasru (fas) easy for..under.. 'facile'
faru (fa) trouble/disturb..by..
fekto (fe feo) fact about..observed by..
felda (fi lea) fail to..from.. 'fell'
femdi (fem) female of species..
ferci (fei) affair of/involving..
fermu (feu) iron Fe
ferti (fet) fertile, more - than..for..
festi (fes) waste..on/ by doing..
fibru (fib) feeble, weaker than..by..
filei (fic) fish n.
fikko (fik) fiction, a work of - by..
fildi (fii) field of farm/community..
filmo (fi lo) feel..about..
firpa (fi ira) fear/be afraid of/that..
fitpi (fit pi) foot of..
fizi (fiz fid) physical/non-mental
flaci (-) flag of..
flaki (-) fly n.
flami (fim) flame of fire/device..
flati (-) inflate..with..to dimension..
fliti (fi) fly to..from..via..
flidu (fili) liquid from temp..to.. 'fluid'
flofu (-) float on/in..
flora (lor loa) flower of plant..
foldi (fod) fold ...times, v.t.
folma (fio) full, -er than../by..
fordi (-) floor of..
forka (-) fork n.
forma (fom foa) form/shape of..
foali (fou foi) force/compel..to do/be..
forli (foi) strong, -er than../by.. 'fort'
fotpa (-) fat, plumper/stouter than..
fragu (rag) fog, be -gy/ covered by -
fraki (-) franc, be worth.. -s; default 1
frama (ram) frame of/around..
frasa (-) French language 'Francais'
frasi (-) French person 'Francais'
fraso (-) French culture 'Francais'
frelo (-) crazy/insane/mad 'frenzy'
fremi (rem) friend of..
frena (fre) front, be in - / ahead of..
frese (-) fresh, -er than..
fresi (res) free to do/be..
fruta (fru) fruit of..
furir (-) rich, wealthier than..in..
fumma (fum fa) woman n. 'feminine'
fundu (-) fond, be -er of/prefer..to..
fustu (-) office of..
futbu (-) football, -er/play - with..
futci (fut fuc fui) future, after/ later than..
gancu (gac gau) win..from/over.. 'gain'
gandi (gad) god of people(s)..
gantili (gal) organize..into..for..
ganta (gaaa) high, -er than..by..in field..
gardi (-) garden of family/community..
garni (gar gai) govern/rule over/-or of..
garti (gat) grateful, be - to..for..
gasmo (gas gao) anus of..
gasti (-) steel, made of -
genza (gen gao) again, a recurrence of..
getsu (get gui) get..from..for..
gigdo (gig) billionfold of.. 'giga-

gimma (-) gymnast at feat..
ginru (gin) root of plant..
gleeca (-) English language
gleeci (-) English person
gleeco (-) English culture
glidu (gli) guide..to..from..via..
gliso (-) glass, made of -
gluva (-) glove n.
godru (-) drain of..into..
godzi (goz goj) go to..from..via..
gokru (gok) hook n. 'crook'
goltu (-) throat of.. 'gullet'
gonni (gom) yummy, adhere/stick to..
gotea (goa) goat n.
gotri (got) industry producing..among..
grada (gra) great, -er than.. 'grand'
gramo (-) gram weight.. -s; default 1
grasse (raa) grass, a blade/expanse of -
grato (-) cake n. 'gâteau, torte'
gresa (gre) grease/fat/oil, an amount of
gristi (-) grey, -er than..
gritu (gri) sing..to.. 'greet, tune'
groci (roi) angry at...for... 'growl!
groda (gro) big, -ger than...by... 'gross'
grunu (run) grain from source...
grupa (gru) group with members...
gudbi (gud gub) good, better than...for...
gunti (gun gui) country of people...
gusto (gus gut) taste/flavor of... 'gusto'
gutra (gur) strange to...in features...
hanco (han) hand of...
hapai (hap hai) happy about...
hadu (had) hard, more resistant than...
harko (har hao) harbor/shelter for...from...
harmo (ham) harmonious with...to...
hasfa (has haf haa) house/dwelling/home of...
hatro (hat) hot, -ter than...by...
hedto (hed) head of...; body-part
hekto (heko) hundredfold of... 'hecto-
herba (hel ha) help...do...
herba (heb) plant n. 'herb'
herfa (her) hair of...
hidro (hid) hydrogen H
hijra (hia) here, attend/be present at...
hind (Hindi) Hindi language
hindu (Hindu) Indian person 'Hindi, Hindu'
hindo (Hindu) Indian culture 'Hindi, Hindu'
hirti (hir) hear...over noise...
holdu (hol hou) hole/pit/depression in...
holpi (hom hoi) drink...from...
horma (hor hoo) horse n.
horno (-) horn of...; body part
hospi (hos) hospital of community...
hote (hot) hotel of community...
hozda (-) hose/stocking/sock
hummi (hum mun) human, be -/a - being
hutru (hut hui) destroy v.t.
jagio (jag jai) angle between pts. 'jagged'
jalti (jai) product of...multiplied by...
janro (jar) narrow, -er than...by...
janto (jan) hunt game/quarry...
jmite (jmi) meet/encounter...at/in...
joka (jok) clock n.
jorto (jor joo) hour, last...-s; default 1
jugra (jug jua) seize/with...
jumga (-) Chinese language 'Zhongwo'
jungi (-) Chinese person 'Zhongwo'
jungo (-) Chinese culture 'Zhongwo'
junti (jun) young, -er than...by... 'junior'
jupni (jui) opinion/think...true of...
nurna (-) earn...for work/service..
kabni (-) cabin of...
kabre (-) cabaret night-club of...
kadita (-) tile n.
kafso (-) cough up/out...
kakto (kak koo) act/do...with goal...
kaiva (-) collar of garment...
kambi (-) compare...with...
kamda (kad) fight...over... 'combat'
kamki (-) comic, be funny too...
kamka (kam kaa) come from...to...via...
kampo (-) camp of...at...
kamra (kar) camera n.
kamti (-) committee of...with task...
kande (kac kae) conscious, be -/aware of...
kango (kau) dog n. 'canine'
kaina (-) canal between points...via...
kanno (kan) can be able to do...under...
kampi (-) compete with...over...
kamra (-) cane n. rod/staff
kanti (-) account bill for...to...by...
kapli (kal) complete by standard...
kapma (-) cap/hat
kapni (kap) open, be -/not shut
kapta (-) captain of...
karci (-) heart of... 'cardiac'
karda (-) card n.
karku (-) crack, be a -/fissure in...
karsa (kas) across...from...
karti (-) cart/carriage/wagon
kasfa (ka) punish...for...by doing...
kasni (-) cow/cattle 'kine'
kate (-) watch/observe...do...
katli (kat kai) quality, have -/feature...
katma (-) cat n. a feline animal
katna (-) cotton from source...
keeri (ke) sad, be - about... 'regret'
ketki (-) kick v.t.
kemdi (kem) chemical, a pure instance of...
kenti (ken) question about...by...to...
kermi (kej ke) care for/take...of...
kerti (ker) air, a quantity of...
ketli (ket) kettle of/containing...
ketpi (-) ticket to...from...on...for...
kienu (kic kiu) doctor, -s...for...with... 'cure'
kilto (kil) thousandfold of... 'kilo-
kinei (kin kii) with...companion of...in...
kinku (kik) keen, -er/sharper than...
kitsa (-) copulate with... 'coitus'
klabu (kia) cloth, an amount of...
klada (-) cloud of airmass...
kleda (-) cold, -er than...by...
klesi (kle) class of...with property...
klimi (-) clean, -er than...
klimu (-) keep/retain...
kliri (kli) clear, -er than...
klogu (klo) closed, be - , as of a door
koka (kok) cook..for...
koma (-) coal, an amount of -
koko (koi koo) color, be a - perceived by...
kome (kom) comb n.
kofu (kof kou) comfortable, be more -
    than..to
kompi (-) company chartered by..for..
konbi (-) vagina of..
konse (kos) consul of..in..
kunte (kon) count, the number in set..
koppea (kop) copy of..
koro (koo koe) cord/rope/an amount of -age
korji (koi koi) order/command..to do..
korka (-) cork from source..
korti (kor) body of.. 'corpus'
korva (kov koe) curve through pts..
kou (-) coat n.
kraoco (-) smash..into pulp.. 'crush'
krarj (raj) scratch.; v.t.
krakr (kra) cry/cry out; v.i.
krani (-) drive/make..go to..from..
kredi (-) credit..with..under..
kreni (kre) ray from energy source..
kricho (ki) believe..about.. 'creed'
krilu (-) wheel of device/vehicle..
krina (-) cream from source..
krinu (-) nut of plant.. 'kernel'
kroi (kro) flow/current from..to..'crawl'
kruli (-) cruel, be - to..
kruma (kru) room of/in..
kubra (kub) broad, be -er/wider than..by..
kukra (kuk) quick, be faster than..by..
kuitu (kui) culture of people(s)..
kumtu (kum kuu) common to/universal in set..
kumee (kue kui) related to..by relation..'kin'
kuupta (kup) cup of/containing..
kurfa (kur) square with vertices..
kurra (-) worm n.
kurni (kun) warn..of/about danger..
kurti (-) curtain of/across aperture..
kusmo (kus kuo) custom/habit of..under..
kuspo (-) spreads/expands over/into..
kusti (-) costly, more - than..for..
kuti (kiiu) cut..into pieces..
kuttra (-) bitter, more - than..to..
kuvaca (kuv kua) cover..be a - of..
kuvia (-) cave/cavity/cavern in..
ladzo (-) loose n.
lake (lak) wax from source..
laido (lai) old, -er than..by..
lendi (lan lai) land, a parcel/expanses of -
langa (lag laa) long, -er than..by..
larte (lar lae) art of making..among..
lasti (las) elastic, more - than..
lati (lati) light, -er than..by..in field..
lati (led) lightning from..to..
ladon (lez) left of..-hand side of..
lapi (lei lep) level in gravity field.
lengu (len leu) language of people(s)..
lenki (lek) electric, - charge on..; -ity
lenzo (leo) lens of system..
lerci (ler) letter to..from..about..
lasa (les) east of..an -ern part of..
leta (leu) let/permit..do..under..
letter (lea) letter/-al in character-set..
lidji (lid) religion of people(s)..
lidko (lio) liquor/distilled spirits
lita (lik) week of month/year..
ilia (lii) law against..by..under.'legal'
ilima (lim lij) limit of..
ilin (lin) linen from source..
iluco (lic) lean, thinner than..by..
ilis (lis) list of set..in order..
iliss (lit) light from source..on..
ilitu (liu) restrain..keep..from doing..
lidji (lod) logic for getting..from..
logia (log) Loglan language
logii (-) Loglander person
logi (-) Loglandic culture
lotti (loi) local to..confined to..
lufi (-) lift..to..from..in field..
lunii (lui) wool from source..
luna (lun) lunar, pert. to Earth's moon
lusa (lus) west of..a -ern part of..
madji (maj) magician; do magic before..
madoz (mad mao) make..out of..'made'
magme (-) magnet n.; -ic a.
mechi (-) mark, be worth.. -s; default 1
meibi (mai) sick with..from..'malady'
mikna (man) milk from source..
mande (-) manage function..in..
maneko (mak) mouth of..
mant (-) ant of hill/colony..
manka (mra mar) mark, be a - on..made by..
marr (-) mile, be.. -s long; default 1
marpi (-) snake/serpent 'reptile'
marte (mae) market of community.. 'mart'
matei (mac mai) machine for use/funcion..
mama (mat mam man) mother of..by father..
megdo (meg) millionfold of..'mega-
meino (-) melon from source..
mendi (men) male of species.. 'men'
menki (mek) eye of..
mensa (mea) month of year.. 'menses'
merji (me) marry, be -ied to..; spouse
merka (-) American dialect
merki (-) American person
merko (-) American culture
merli (mel mei) measure..to be..on scale..
metca (-) match/incendiary device
metli (met) metal, be -ic/made of -
metro (meo) meter, be.. - s long; default 1
midju (mid mij) middle/at the center of..
miksa (mis) mixture of ingredients..
mikti (mik) millionth part of.. 'micro-
mido (-) mild, be gentle to/with..
milfa (mia) meal composed of dishes..
milli (mil) thousandth part of.. 'milli-
minku (miu) mineral, ore from source..
minta (-) minute, lasts.. - s; default 1
mipli (mip mi) example of..
mirdo (mir) ten-thousand of.. 'myriad'
misme (-) maize/eorn from source..
imbro (mit mio) meat from source..
motvo (nov moi) motive for..to do..under..
molci (-) mill of community..
molro (-) soft, -er/more malleable than..
monca (mon moa) mountain of landmass..
momza (moz) morning of day..
mordu (mro mou) more, exceeds..in prop'ty..
    by..
morto (mor) dead a. 'mortal'
motci (moc) motor n.
mremu (mre) man n. 'men'
mroza (roz roa) hammer n.
mubre (mub) wood from source..
mune (mun) community of organisms..
murki (muk) monkey n.
mursi (mur) sea of planet..
muslo (mus) muscle of..
mutee (mut muc mue) much, more extreme than..in..
muvdo (muv muo) move to..from..over path..
muzgi (muz mul) music by composer..
nable (nab) problem to..in doing task..
nadri (nad) sodium Na.
nadzo (naz nao) now/simultaneous with..
najdu (naj) knife n.
naks (-) fix..for use/user..
naldu (nal) nail n.
namci (nam) name of..to/used by..
nanda (-) knot in/between..
nante (nan) billionth part of .. 'nano-
nardu (nau) difficult for..under.. 'hard'
narmi (-) army of..
narti (-) apart separate from..
natti (nat nae) night, -time of day..
natra (nar naa) natural/not caused by man
nazbi (-) nose of..
nedza (ned nea) next to..
negda (neg) egg of/from source..
 nemdi (-) enemy of..in struggle..
ungri (nen nei) in/-side/interior of.. 'inner'
nensu (-) nest of..
nerti (neb) necessary for process..
nmri (nej) energy, have more - than..by..
nervo (nev) nervous about.. 'nervy'
nesti (nes) honest with..about..
netre (net) net n.
nidla (-) needle n.
nigro (nig) black, -er than..
nikle (-) nickel Ni

nikri (nik) cheese from source.. 'curd'
nilea (-) beneath/vertically below..in..
nima (nim ia) animal n.
nirli (-) bird n.
nirli (nil) girl n.
nirne (nin nie) year of epoch..
niti (nit) neat, -er than..
nitro (-) nitrogen N

nordi (nod) north of..a -ern part of..
norji (-) orange, be more - than..
norma (nom noa) average, the -..of..'normal'
nobti (not) other, not same as.. 'not be'
numeu (num nuu) number n.
nurvi (nuv) nerve of..body-part 'nervo-
nutra (-) neutral in fight..between..
nuzvo (nuz) news about..from source..
packe (-) pocket of garment..
padzi (padz) cushion/pillow 'padded'
pakko (-) dig..up out of..
palci (-) polish n.
palto (-) potato from source..
pamba (pan) pan n.
pandi (-) pound, be worth.. -s; default 1
panki (-) panic, be -ked by..
pantu (-) pants/trousers
ppare (pre) paper n.
perti (per pai) part of whole..
pesku (pas pak pao) past, before..; default
    now
paspo (-) passport issued to..by..for.. 
pasti (-) paste n.
patee (pae pe) apparatus/device for doing..
patee (pat) pot n.
pezda (pad) pause, wait for..before..
pelppi (-) leather/skin/hide from..'peit'
kiogu (klo) closed, be - , as of a door
kokfa (kok) cook...for...
kolme (-) coal, an amount of -
kolro (kol koo) color, be a - perceived by...
komcu (kom) comb n.
komfu (kof kou) comfortable, be more -
...than...to
kompi (-) company chartered by...for...
konbi (-) vagina of...
konsu (kos) consul of...in...
konte (kon) count, the number in set...
kopca (kop) copy of...
korce (koe koe) cord/rope/an amount of -age
korji (koi) order/command...to do...
korta (-) cork from source...
korti (kor) body of...'corpus'
korva (kova koa) curve through pts...
kosta (-) coat n.
kraco (-) smash...into pulp...'crush'
kraj (raj) scratch...v.t.
kraku (kra) cry/cry out; v.i.
krani (-) drive/make...go to...from...
kerd (-) credit...with...under...
kreni (kre) ray from energy source...
krido (kri) believe...about...'creed'
krilu (-) wheel of device/vehicle..
krina (-) cream from source..
krina (-) nut of plant...'kernel'
kruli (kro) flow/current from...to...'crawl'
kruli (-) cruel, be - to...
kruma (kru) room of/...in...
kubra (kub) broad, be -er/wider than...by...
kukra (kuk) quick, be faster than...by...
kultu (kul) culture of people(s)...
kumtu (kum kuu) common to/universal in set...
kume (koe kui) related to...by relation...'kin'
kupta (kup) cup of/containing...
kurfa (kur) square with vertices...
kurma (-) worm n.
kurni (kun) warn...of/about danger...
kurti (-) curtain of/across aperture...
kusmo (kus kuo) custom/habit of...under...
kuspo (-) spreads/expand over/into...
kusti (-) costly, more - than...for...
kutla (klu) cut...into pieces...
kutra (-) bitter, more - than...to...
kuvga (kuv gga) cover...be a - of...
kurtle (kuv kua) cave/cavern in...
ladzo (-) house n.
lakse (lak) wax from source...
laldo (lal) old, -er than...by...
landi (lan lal) land, a parcel/expanses of -
langa (lag laa) long, -er than...by...
larte (lar lae) art of making...among...
lasti (las) elastic, more - than...
latei (-) light, -er than...by...in field...
ledri (led) lightning from...to...
ledzo (lez) left of.../side of...
leipi (leli) level in gravity field...
langu (len ieu) language of people(s)...
lenki (lek) electric, - charge on...; -ity
lenzo (leo) lens of system...
lerci (ler) letter to...from...about...
lesta (les) east of.../an -ern part of...
letrci (let lei) letter/permit...do...under...
letra (lea) letter/-al in character-set...
lidi (lid) religion of people(s)...
lhro (lio) liquor/distilled spirits
likta (lik) week of month/year...
liifa (ili) law against...by...under.'legal'
limi (lim) limit of...
limbu (-) linen from source...
linco (lic) lean, thinner than...by...
lista (lia) list of set...in order...
litla (lit) light from source...on...
litni (li) restrain.../keep...from doing...
lodji (lod) logic for getting...from...
logi (log) Logian language
logi2 (-) Logander person
logio (-) Logiandic culture
loki (loi) local to.../confined to...
lufta (-) lift/to...from...in field...
lumii (lui) wool from source...
lumra (lun) lunar, pert. to Earth's moon
lusta (lus) west of.../a -ern part of...
madji (maj) magician; do magic before...
madzo (mad mao) make...out of...'made'
magne (-) magnet n.; -ic a.
makri (-) mark, be worth... -s; default 1
malbi (mal) sick with...from...'malady'
malna (man) milk from source...
mande (-) manage function...in...
manko (mak) mouth of...
menti (-) ant of hill/colony...
mekta (mra mar) mark, be a - on...made by...
marli (-) mile, be...-s long; default 1
marpi (-) snake/serpent 'reptile'
marte (mae) market of community...'mart'
matci (mac mai) machine for use/function...
matma (mat mam maa) mother of...by father...
megdo (meg) millionfold of...'mega-
mein (men) melon from source...
mendi (men) male of species...'men'
menki (mek) eye of...
mensa (mea) month of year.. 'menses'
merji (mer) marry, be -ied to..; spouse
merka (-) American dialect
merki (-) American person
merko (-) American culture
merli (mel mei) measure..to be..on scale..
metsa (-) match/insidious device
metli (net) metal, be -ic/made of -
metro (meo) meter, be.. -s long; default 1
midju (mid mij) middle/at the center of..
miksa (mis) mixture of ingredients..
mikti (mik) millionth part of.. 'micro-
mild (-) mild, be gentle/to with..
milfa (mia) meal composed of dishes..
millti (mil) thousandth part of.. 'milli-
minku (miu) mineral, ore from source..
minta (-) minute, lasts.. -s; default 1
mipil ( mip mi) example of..
mirdo (mir) ten-thousand of.. 'myriad'
misme (-) maize/corn from source..
mirtu (mit mio) meat from source..
mody (mov moi) motive for..to do..under..
molci (-) mill of community..
molro (-) soft, -er/more malleable than..
monea (mon moa) mountain of landmass..
monzza (moz) morning of day..
morda (mro mou) more, exceeds..in prop ty..by..
morto (mor) dead a. 'mortal'
motci (moce) motor n..
mrenu (mre) man n. 'men'
mroza (roz roa) hammer n.
mubre (mub) wood from source..
munces (mun) community of organisms..
murci (muk) monkey n.
mursi (mur) sea of planet...
muslo (mus) muscle of..
mutee (mut muc mue) much, more extreme than-in..
muvdo (muv muo) move to..from..over path..
mugzi (muz mui) music by composer..
nable (nab) problem to..in doing task..
nadri (nad) sodium Na
nadoe (naz noa) now/simultaneous with..
najda (naj) knife n..
nakso (-) fix..for use/user..
naldei (nai) naii n.
nanemesi (nam) name of..to/used by..
nandda (-) knot in/between..
nanzi (nan) billionth part of.. 'nano-
nardu (nau) difficult for..under.. 'hard'
narnmi (-) army of..
narti (-) apart separate from..
nati (nat nai) night, -time of day..
natra (nar naa) natural/not caused by man
naubi (-) nose of..
nesa (ned nea) next to..
nega (neg) egg of/from source..
nemdi (-) enemy of..in struggle
nenri (nen neii) in/-side/interior of.. 'inner'
nensu (-) nest of..
nerti (neb) necessary for process..
enri (nej) energy, have more - than..by..
nervo (nev) nervous about.. 'nervy'
nesta (nec) honest with/about..
netre (net) net n.
nidla (-) needle n.
nigror (nig) black, -er than..
nicle (-) nickel ni
niki (nik) cheese from source.. 'curd'
nicle (-) beneath/vertically below..in..
nimala (nim nia) animal n.
nirde (-) bird n.
nirli (nil) girl n.
nirne (nin nie) year of epoch..
nitci (nit) neat, -er than..
nitra (-) nitrogen N
nordi (nod) north of../a -ern part of..
norri (-) orange, be more - than..
norma (nom noa) average, the -..of.. 'normal'
nobbi (not) other, not same as.. 'not be'
numeu (num nuu) number n.
nurvi (nuv) nerve of..; body-part 'neuro-
nutra (-) neutral in fight..between..
uzwe (nuz) news about..from source..
picke (-) pocket of garment..
padzi (paaz) cushion/pillow 'padded'
pafko (-) dig..up out of..
palci (-) polish n.
palto (-) potato from source..
pamba (pan) pan n.
pandi (-) pound, be worth.. -s; default 1
panki (-) panic, be -ked by..
pantu (-) pants/trousers
papre (pre) paper n.
parti (par pai) part of whole..
pasko (pas pak pao) past, before..; default now
paspo (-) passport issued to..by..for..
pesti (-) paste n.
patey (pac pae) apparatus/device for doing..
patep (pat) pot n.
pazda (pad) pause, wait for..before..
pelpe (-) leather/skin/hide from..'pelt'
pelto (-) yellow, -er than...
penbi (-) pen/writing instrument
pendi (ped) hang from... 'pendulum'
penja (pej) sponge n.
penso (pen peo) think about... 'pensive'
penre (-) parent, is a - of...by...
penta (pet pea) point, be a/the - of...
perli (-) pear from source...
pernu (per peu) person/people
pertii (pe) pertain to.../concern...
pesro (-) peso, be worth... -s; default 1
pesita (-) peseta, be worth... -s; def'lt 1
petci (pec) pay...to...for goods/service...
petri (-) distribute/share...out among...
pidri (-) page of document...
pifno (pif pio) frequent, more - than...under...
pikii ( pik) triglith part of... 'pico'-
piino (pi) plane through pts...; flat
pinea (pio) urine of... 'piss'
pinda (pi) pin n.
pinga (-) penis of...
pinsi (-) pencil n.
pinti ( pi) paint n.
pirla (pie) parallel to...
pisku (pi) piece of...
pismi (pi) peace, be at - with...
plado (lad) plow n.
plata (pla) plate n.
pieci (pie) play with...
pligo (-) apple from source...
plizo (pi) use...for...
pluci (plu) please...by...
plumea (lum lua) feather of... 'plume'
poldi (pod) nation of people... 'polity'
porda (poa) respond...to...under...
pomja (-) Japanese language 'Nippon-jin'
pompi (-) Japanese person 'Nippon-jin'
pomji (-) Japanese culture 'Nippon-jin'
pomsu (pon pou) own...under law/custom...
porny (pou) pig n. 'pork'
porri (por poi) power, -ful; have - over...
posta (pot) post/mail/to...from...by...
pozfa (poz) oppose...on issue...
prali (rai) profit be the - to...from...
prano (-) run to...from...over path...
prase (pra) process, -ceeding thru stages...
prati (rat) price of/to...set by vendor...
prerni (-) prisoner of...for act/state...
prise (prie) behind/in back of... 'rear'
prisi (riz) private to...
proju (pro) produce...by process...
proza (-) prose, be a - work by...
pruci (pru) test, a - for...among... 'proof'
prusa (rus) approve plan/action...by...
prutru (ruu) protest...to...by doing...
publi (pub) public, more - among...than...
pubrum (pum) lead Pb
pucto (puc puo) push...to...from...via...
pudja (-) thumb of...
pudru (pud) powder from source...
pulso (pul) impulse, have an - to do...
pundo (-) pound, weigh... -s; default 1
punfo (-) be purer than... 'uniform'
puntu (pun pui) pain, -ed; hurt/feel - in...
purre (-) poor, -er than...in...
purda (pur pua) word, be the - for...in lang...
purfe (puf pue) perfect by standard...
purpu (pup) purple, more - than...
radio (-) radio receiver in network...
rande (rad rae) round/circular; a disk/circle
ranjo (-) range to - extend over...
ranta (ran) rotten, be more - than...
raper (-) ripe, -er than...
rasto (ras) brass, made of -
rateu (rau) rat n.
ravnu (raz) reason for...'s doing...under...
redro (red) red, -der than...
renro (ren reo) throw...to/att...
resfu (res ref) garment/clothing 'dress'
resra (-) restaurant of community...
resto (ret) rest/repose/lie down on...
reeta (rtea rea) differ, be -ent from...in...
retppi (rep) reply...to questioner...
reva (rev rei) dream.../that... 'reverie'
riddle (rid) read...from surface/document...
rilri (rii) regular, more - than...
rindi (-) Amerind person
rimje (rin) ring, be a -/band on/around...
rinta (rit) rhythm, be the - of...
rirda (rira) record of...on medium...
rirgu (-) buttock/-s of... 'rear-end'
rismi (-) rice from source...
rismo (ris) respect...for doing/being...
rice (ric) right of.../hand side of...
ritma (-) wheat from source...
rondja (roj) grow into...
rondju (-) road between points...via...
rofsu (rof ros) rough, -er/more abrasive than...
rolgu (rol) roll/-s/be a -er/cylinder
romni (-) Roman person 'Romano'
rozme (-) rose from source...
rubli (-) ruble, worth... -s; default 1
rulmi (rui rui) rule prescribing...to...under...
rulpi (-) rupee, be worth... -s; default 1
ruska (-) Russian language 'Russkii'
ruski (-) Russian person 'Russkii'
rusko (-) Russian culture 'Russkii'
rutma (rut rua) route/path to...from...via pts...
sadjii (saj) sage, wiser than...about...
sadna (-) acid -ic
sagro (-) cigar n.
sakli (sak) sack/bag of/containing..
sakta (-) sugar n. 'saccharine'
sald (sai) solid below temp. & pressure..
salfa (saf) sail of vessel..
santo (sam soa) same, be the - thing as..
sanca (sna) sand from source..
sange (-) suggest action...to..
sanpa (san saa) sign of...to...urging...under..
sanle (-) umbrella n.
sanse (sas se) sense stimulus...under..
santi (sai) quiet, -er than...'silent'
sapla (sap) simple, -er than...in respect..
sarni (sar) sour, more - than...to..
satci (sac) start/origin/beginning of..
satro (sat) stroke/rob...with..
sekci (sec) sexual, behave -ly toward...
sekt (sek) second, lasts...-s; default 1
sekre (-) secretary of..
sekt (sek) insect n.
sejii (sei) self of.../-image of..
sensi (ses) science of/about..
sento (seo) holy/sacred to...'saint'
setci (set sei) set/group of elements..
setfa (sea) put/place/set...on/at...'set'
sidza (siz) seed of organism..
sigre (-) cigarette n.
silitu (sil slu) shake/oscillate at rate..
simba (sib) lion n.
simec (sim si) seem to be...to...under..
simma (sin) cinema made by..
sirma (sir) certain/sure that...is true
siso (sis sio) system of function...& parts...
sitci (sic) city with hinterland..
sitfa (sit sif sia) site/place/location of..
skaca (-) Scottish dialect
skaci (-) Scot/-tish person
skaco (-) Scottish culture
skafi (-) coffee n.
skala (ska) scale measuring...among...
skapi (-) skin/rind/outer covering of..
skara (-) skirt n.
skati (-) sky, an expanse of - at place..
skesa (-) kiss...on..
skibu (ski) sit on..
skizo (kiz) ski n.
stuci (stu) story about..told by...
stude (-) student of..at institution..
stuka (-) stick of/made of..
stuil (tui) adjust..for function..
suemi (-) swim to..from..via..
sudna (sua) sudden, be -/abrupt to..
sukvi (sku) succeed in..by effort..
sulba (sul) swelling at/in/on..caused by..
sulfa (-) sulfur S
sumji (sum) sum, mathematical - of..plus..
sundi (sud sui) send..to..from..via route..
sunho (sun suo) son of..parent..and..
supta (sup) soup/stew of ingredients..
surdi (sur) south of..a -ern part of..
surna (sru) hurt/harm/injure..at/in..
surva (suv) serve..in/by..a -ant of..
sutme (sut) smell n. an odor emitted by..
takma (-) attack..with goal..
tabko (-) tobacco n.
takna (tak taa) talk to..speak to..about..
taina (-) Italian language
talni (-) Italian person
talno (-) Italian culture
tarci (tar) star of galaxy..
targo (tag tao) argue with/against..that..
tarle (tal tae) tired by effort..
tarmu (tam tau) weapon for use..'arm'
tasgu (-) disgusted, be -/ed by..
tastro (tat) theater of community..
tcaku (cak) shock..with/by..
tcalli (cal) wall of/around..
tcaro (tea) car/truck; a motor vehicle
tceti (-) tea from source..
tceela (-) wing of..
tceena (-) chain, a length of -
tceeru (tec ee) penetrate..in dir..'thru'
tetti (-) chest of..body part
tteidi (-) food, a - of/edible to..'feed'
teinha (-) child/offset/progeny of..
teina (-) chin of..
tteiro (-) mat n.
tcooko (-) chocolate, an am't of..'cocoa'
tcoori (-) authority, be an - in/on/over..
tceu (teu) picture of..by..
tedji (ted tej tsi) attend pay attention to..
tekto (-) architect of..
tefo (-) telephone rec'r in network..
telvi (-) television rec'r in network..
tenri (ten) increase by..in..during..
tenta (-) tent, a fabric dwelling of..
tepli (tep) temple/church of religion..
terla (tel) terrestrial, pert. to Earth
testi (-) testicle of..'testes'
tetcu (tec eu) stretch to length..from..
tetri (tet) weather of place/region..
tidjo (tid tio) heavy, -ier than..by..in f'td..
tifru (tiu) offer..to..for use..
tigra (-) tiger n.
tilba (-) tail of..
tinmno (tin) ink, an amount of -
tirea (tio) wire, a length of -
tisra (tia) choose/select..from set..
titi (tci) eat v.t.
titfa (-) breast of..'teat'
tobme (tob toe) table n.
tocki (-) key, a - to lock..
togri (tog toi) agree with..about/that..
tokna (toa) take..away from..
tokri (-) chalk from source..
tomki (tok) automatic in function..
tomto (-) tomato from source..
tongu (-) tongue of..body-part
torni (ton) twist under load..'torque'
tosku (-) skull of..
totcno (teo) touch..with..
totnu (tot) thick, -er than..by..'stout'
tovru (tov) over/vert'ly above..in field..
traci (rac) travel to..from..via route..
traddu (tra) true by rule/standard..
trail (-) tray of/containing..
trana (tan) turn/rotate around axis..
trati (rai) try to do/attain..by..
treci (-) interest/-/be -ing to..in..
trelu (rel reu) rail n. -ing/bar
treina (tre) train of system..
treicu (tri) tree n.
trida (-) street of..
trilli (tli) attract..by doing/being..
trime (rim ri) tool for doing..'instrument'
trokcu (tro) rock/stone from source..
troli (tol) control..in performance..
troti (-) trot to..from..; trotter
trufa (ruf) roof of..
truke (tru) structure of..
tsani (-) sneeze v.i.
tsere (tse) error in..by standard..
tsimi (tsi) crime punished by..among..
tsodi (-) hate..for doing/being..
tusif (tsu) sufficient/enough for..
tubli (tub) tube, a length of -ing
tugle (tul tu) leg of..body-part
tulpi (-) tulip from source..
turka (tur tua) work on/at..with goal..
tvalsi (-) vaccine against disease..in..
valda (vad) develop into/toward...; v.l.
valna (van vaa) violent in response to...
valpu (vap) wave in medium...
valtu (-) vomit/throw up on...
vapro (vao) gas, -eous above temp... 'vapor'
vatlu (vat vau) value of...to...for use...
vedma (ved vea) sell...to...for price... 'vendor'
vegri (-) green, -er than...
vendu (ven veu) poison, -ous to... 'venom'
veslo (veo) vessel of/containing...
veti (vet vei) happen/occur to... 'event'
vetcha (-) invent...for use...
vidju (vij viu) view of...from point...
vidre (vid vie) idea about...by thinker...
vinjo (vin) wine, an amount of -
virsa (vir) verse, a poem by...
virta (vit) ad for...in medium... 'advertise'

visra (-) gut of... 'viscera'
viska (viz vik via) see...against... 'vision'
vlaci (-) wash...in...
vlako (vla) lake of landmass...
volsi (vol voi) voice of individual...
volta (-) volt, have...-s e.m.f.; def'It 1
valti (val vai) vault/jump over/across...
vrao (-) liver of...
veti (vre) vertical in gravity field...
vrici (vri) river of landmass...
zakra (-) grind...into powder... 'crush'
zavlo (zav zao) bad, worse than...for... 'evil'
zavno (zan) oven of...
zbuma (bzu) explode into... 'boom'
zinko (-) zinc Zn
zlupi (-) lip of...
zhvoto (zvo) out/-side of/exterior to...
### LIST 2. PRIMITIVE PREDICATES, E-L
(Sorted by English)

<table>
<thead>
<tr>
<th>English</th>
<th>E-L</th>
</tr>
</thead>
<tbody>
<tr>
<td>account bill for...to...by... kanti (-)</td>
<td>bar tavern of community... barcu (-)</td>
</tr>
<tr>
<td>acid -ic sadna (-)</td>
<td>base foundation/basis of... basnu (bas)</td>
</tr>
<tr>
<td>across...from... karsa (kas)</td>
<td>basket of/containing... banse (-)</td>
</tr>
<tr>
<td>act do...with goal... kakto (kak kao)</td>
<td>bathe in... banci (ban)</td>
</tr>
<tr>
<td>ad for...in medium... 'advertise' virta (vit)</td>
<td>bay of coast... banbe (-)</td>
</tr>
<tr>
<td>adjust...for function... stuhl (tui)</td>
<td>be purer than... 'uniform' punfo (-)</td>
</tr>
<tr>
<td>adorn...be an...-ment of... durna (dun dua)</td>
<td>be real/exist for...under... dzabi (dza)</td>
</tr>
<tr>
<td>affair of/involving... fei (fei)</td>
<td>beautiful more...- than... bilit (bil bi)</td>
</tr>
<tr>
<td>again a recurrence of... genza (gen gea)</td>
<td>bed n. bedpu (bed)</td>
</tr>
<tr>
<td>agree with...about/that... togri (tog toi)</td>
<td>bee n. bifici (-)</td>
</tr>
<tr>
<td>air a quantity of... kerti (ker)</td>
<td>beefsteak an amount of... bifie (-)</td>
</tr>
<tr>
<td>American culture merko (-)</td>
<td>beer an amount of... birsu (-)</td>
</tr>
<tr>
<td>American dialect of English merka (-)</td>
<td>beg request...of/from... begeco (beg beo)</td>
</tr>
<tr>
<td>American person merki (-)</td>
<td>behave...under... bivdu (biv bid biu)</td>
</tr>
<tr>
<td>Amerind person rindi (-)</td>
<td>behind in back of... 'rear' prire (pri)</td>
</tr>
<tr>
<td>amused be...by...by doing... emiza (emi)</td>
<td>believe...about... 'creed' krido (kri)</td>
</tr>
<tr>
<td>angle between pts... 'jagged' jago (jag jao)</td>
<td>bell producing sound/note... bekli (bel)</td>
</tr>
<tr>
<td>angry at...for... 'growl' groci (roi)</td>
<td>belly abdomen of... beldu (-)</td>
</tr>
<tr>
<td>animal n. nimla (nim nia)</td>
<td>beneath vertically below...in... nilca (-)</td>
</tr>
<tr>
<td>ant of hill/colony... manti (-)</td>
<td>bent more.../crooked than... betcu (bet)</td>
</tr>
<tr>
<td>anus of... gsmo (gas gao)</td>
<td>between...and... 'beside' btsa (bit bia)</td>
</tr>
<tr>
<td>apart...separate from... narti (-)</td>
<td>big...-ger than...by... 'gros' groda (gro)</td>
</tr>
<tr>
<td>apparatus device for doing... patce (pac pae)</td>
<td>billiards play...- with... bilra (-)</td>
</tr>
<tr>
<td>apple from source... pligo (-)</td>
<td>billion...-fold of... 'giga'- gigo (gig)</td>
</tr>
<tr>
<td>approve plan/action...by... prusa (rus)</td>
<td>billionth...-part of... 'nano'- nanti (nan)</td>
</tr>
<tr>
<td>arch over/be an...over... farka (-)</td>
<td>bird n. nirda (-)</td>
</tr>
<tr>
<td>architect of... tekto (-)</td>
<td>bite...on/at... ditka (dit)</td>
</tr>
<tr>
<td>argue with/against...that... targo (tag tao)</td>
<td>bitter more...- than...to... kutra (-)</td>
</tr>
<tr>
<td>arm of... body-part... barma (bar baa)</td>
<td>black...-er than... nigro (nig)</td>
</tr>
<tr>
<td>army of... narmi (-)</td>
<td>blade of tool/weapon... blade (bla)</td>
</tr>
<tr>
<td>art of making...among... larte (lar lae)</td>
<td>block of material... bloku (-)</td>
</tr>
<tr>
<td>ashamed of doing/being... comtu (com cot co)</td>
<td>blood of organism... bludi (blu)</td>
</tr>
<tr>
<td>attack...with goal... takma (-)</td>
<td>blouse n. blusa (-)</td>
</tr>
<tr>
<td>attend pay attention to... tedji (ted tej tei)</td>
<td>blue...-r than... blanu (-)</td>
</tr>
<tr>
<td>attract...by doing/being... trilli (til)</td>
<td>board of material... barta (-)</td>
</tr>
<tr>
<td>authority be an...in/on/over... toiri (-)</td>
<td>boat n. botsu (bot bou)</td>
</tr>
<tr>
<td>automatic in function... tomkhi (tok)</td>
<td>body of... 'corpus'... korti (kor)</td>
</tr>
<tr>
<td>average the...-of... 'normal' norma (nom noa)</td>
<td>boil at temperature... bulju (buj)</td>
</tr>
<tr>
<td>awake be... cidja (cid)</td>
<td>bomb n. bomba (-)</td>
</tr>
<tr>
<td>bad worse than...for... 'evil' zavio (zav zao)</td>
<td>bone of... bongu (bon)</td>
</tr>
<tr>
<td>balance...d...under forces... balpi (bai)</td>
<td>book about...by... bukeu (buk buu)</td>
</tr>
<tr>
<td>balcony of building... balko (-)</td>
<td>boot n. butpa (-)</td>
</tr>
<tr>
<td>bell sphere n., spherical a. balma (bam)</td>
<td>born be...to... brana (bra)</td>
</tr>
<tr>
<td>banana from source... banla (-)</td>
<td>bottle of/containing... batpi (bap)</td>
</tr>
<tr>
<td>band orchestra of players... bendu (ben beu)</td>
<td>bough limb/branch of... badjo (baj)</td>
</tr>
<tr>
<td>bank of community... banko (-)</td>
<td>bow for arrows... borku (bor)</td>
</tr>
<tr>
<td></td>
<td>box of/containing... bakso (bao)</td>
</tr>
<tr>
<td></td>
<td>boy n. botei (boi)</td>
</tr>
<tr>
<td></td>
<td>brain of... berna (-)</td>
</tr>
<tr>
<td></td>
<td>brake of... breko (rek)</td>
</tr>
<tr>
<td></td>
<td>brass made of... rasto (ras)</td>
</tr>
<tr>
<td></td>
<td>brave...-er than...under... briga (rig ria)</td>
</tr>
</tbody>
</table>
bread an amount of... breba (reb)
bread into pieces... broko (bro)
breast of... 'teat' titfa (-)
breathe v.t. brute (run)
breeze wind from... brize (bri)
brick n. briku (rik)
bridge over/across... cibra (-)
brilliant brighter than... brilli (ril)
broad be -er/wider than... kubra (kub)
broken inoperable broda (rod)
broom n. bruei (-)
brother of... through... brudi (bru)
brown -er than... brona (-)
brush n. brocu (roc rou)
bucket pail of/containing... bakto (bak)
build... from materials... balci (bce bai)
bulb of plant/species... bulbi (bul bui)
bundle package of/containing... badio (bad)
burn at temperature... cabro (cab cao)
butter an amount of... betra (-)
buttock s of... 'rear-end' ringu (-)
button of... botni (-)
cabaret night-club of... kabre (-)
cabin of... kabi (-)
cafe of community... ckafe (-)
cafe n. 'gateau, torte' grato (-)
camel genus Camelus camle (-)
camera n. kamra (kar)
camp of... at... kampo (-)
can be able to do... unnder... kammo (kan)
canal between points... via... kaml (-)
cane n. rod/staff kanra (-)
cap n. hat kapma (-)
captain of... kapt (-)
car /-truck, a motor vehicle tearo (tea)
carbon C carbo (car)
card n. karda (-)
care for/take - of... kerju (kej keu)
carry...to...from... 'bear' berti (ber bei)
cart carriage/wagon karti (-)
cat n. a feline animal katma (-)
cause /be a - of/under... okozu (eko)
cave cavity/cavern in... kuvla (-)
cease stop doing... stise (sti)
certain sure that... is true sirna (sir)
chain a length of... tsena (-)
chair n. eersi (cej)
chalk from source... tokri (-)
chance random under... canse (can cse)
change into/become...from... cenja (cej cca)
chart map of... by... cartu (cat)
cheese from source... 'curd' nikri (nik)
chemical a pure instance of... kemdi (kem)
chest of... body part teeti (-)
chief of... for activity... cefli (cef)
child offspring/progeny of... tciba (-)
chin of... tcina (-)
Chinese culture 'Zhungwo' jungo (-)
Chinese language 'Zhungwo' junga (-)
Chinese person 'Zhungwo' jungi (-)
chlorine Cl clori (elo)
chocolate an am't of... 'cocoa' tooko (-)
choose select... from set... tisra (tia)
cigar n. sagro (-)
cigarette n. sigre (-)
cinema made by... sinma (sin)
city with hinterland... sitci (sic)
class of... with property... klesi (kle)
clean -er than... kline (-)
clear -er than... kitri (kli)
clock n. jokla (jok)
close be -d, as of a door klogu (klo)
cloth an amount of... klobu (kla)
cloud of airmass... kliada (-)
coal an amount of... kolme (-)
coat n. kosts (-)
coffee n. skafi (-)
cold -er than... by... kleda (-)
collar of garment... kala (-)
color be a - perceived by... kolro (kol koo)
comb n. komeu (kom)
come from... to... via... kamla (kam kaa)
comfortable be more - than... to komfu (kof kou)
comic be funny to... in... kamki (-)
committee of... with task... kamti (-)
common to/universal in set... kuntu (kum kuu)
community of organisms... munce (mun)
company chartered by... for... kompi (-)
compare... with... in... kambi (-)
compete with... over... kompi (-)
complete by standard... kapli (kal)
conscious be -/aware of... kance (kae kae)
consult of... in... konsu (kos)
control... in performance... toli (tol)
cook... for... kokfa (kok)
copper Cu cupru (cup)
copulate with... 'coitus' ktsa (-)
copy of... kopca (kop)
cord rope/an amount of... korce (koc koe)
cork from source... korka (-)
correct by standard... dreti (dre)
costly more - than... for... kusti (-) 
cotton from source... katna (-) 
cough up/out... kafso (-) 
count the number in set... kante (kon) 
country of people... gunti (gun gui) 
cover... be a - of... kuvga (kuv kua) 
cow cattle 'kine' kram (--) 
crack be a / fissure in... karku (-) 
crazy insane/mad 'frenzy' frelo (-) 
cream from source... krama (-) 
credit... with/under... kredi (-) 
crime punished by... among... tsime (tsi) 
cruel be - to... kruli (-) 
cry cry out, v.i. kram (kra) 
culture of people(s)... kultu (kul) 
cup of/containing... kupta (kup) 
curtain of/ across aperture... kurti (-) 
curve through pts... korva (kov kos) 
cushion pillow 'padded' padzi (paz) 
custom habit of/ under... kusmo (kus ko) 
cut... into pieces... kutia (kli) 
dance to... danse (-) 
danger -ous to/under... denro (den) 
dark -er than... by... drak (rak) 
daylight -time of day... 'daily' demli (del dei) 
dead a. 'mortal' morto (mor) 
dear precious to... dipri (dip) 
decide... to do... about... disri (di) 
delicious more - than/ to... dilko (-) 
desire a plan for... by... danci (dan dai) 
desire want for... danza (daa) 
destroy v.t. hutri (hut hui) 
detail of... cithu (cit ci) 
develop into/toward,... v.i. valda (vad) 
differ be - from... in... retea (rec rea) 
difficult for... under... 'hard' nardu (nau) 
dig... up out of... paftko (-) 
digest... v.t. djesi (-) 
direction be in... from... direo (dir dio) 
dirt soil/earth from... of... dertu (der deu) 
discover... about... duvri (duv du) 
discuss... with... dislu (diu) 
disgusted be - ed by... tsgu (-) 
distribute share... out among... petri (-) 
do... to... durzo (dru dur duo) 
doctor... s... for... with... 'cure' kiemu (kie kiu) 
dog n. 'canine' kangu (kau) 

dollar be worth... - s, default 1 daRA (-) 
door of/ in... darto (dau) 
doubt that... is true of... duten (dut) 
down lower than... by... in fild... dann (dam) 
drain of... into... godru (-) 
drawer of/ containing... dra (--) 
dream... / that... 'reverie' revri (rev rei) 
dress gown/frock cade (-) 
drink... from... hompi (hom hoi) 
drive make... go to... from... kra (--) 
drop off liquid... drida (-) 
dry - er than... by... drani (dra) 
dupe deceive/trick... about... by... dupma (dup) 
dust n... dustu (dus) 
ear of... 'aural' surgo (sog) 
earn... for work/service... jurn (--) 
east of/ an - ern part of... lesta (les) 
easy for... under... 'facile' fasru (fas) 
eat v.t. titi (tit) 
edge of... between... bidje (bie) 
egg of/ from source... negda (neg) 
eggless more - than... lasti (las) 
ominate - charge on... - ity lenki (lek) 
end of thing/process... 'final' fando (fad fao) 
enemy of/ in struggle... nemdei (-) 
enough have more - than... by... nerji (nej) 

English culture gleco (-) 

English language gleca (-) 

English person glici (-) 

entail implies... under rules... snola (sno) 
equal... in/on dimension... ciktu (cik ciu) 
error in... by/ standard... tsaro (tse) 
example of... mipli (mip mi) 
experience v.t. 'spend' speni (spe) 
expert skilled at... under... spuru (spu) 
explode into... 'boom' zbuma (zbu) 
eye of... menki (mek) 
face of... fasil (-) 

fact about... observed by... fektuo (fek feo) 
fail to/ do/ be/ under... falba (fab faa) 
fail to/ from... 'fell' felda (fel fed fea) 
false by standard... fajli (fal fai) 
family with members... famja (fam) 
famous for/ among... famva (-) 
far - ther than... from... darli (dar) 
farm of community... famra (fan) 
fat plumper/ stouter than... fotpa (-) 
father of... out of mother... faru (fra far) 

fear be afraid of/ that... firpa (fir fia) 
feather of... 'plume' pluma (lum lua) 
feaces of... 'stool' etuda (etu) 
feebler weaker than... by... frbu (fib) 
feel... about... filmo (fil fio) 
female of species... femdi (fem) 
fertile more - than... for... ferti (fet)
human be -/a - being hummi (hum hun)
hundred -fold of.. 'hecto-' hekto (hek)
hundredth -part of.. 'cent' centi (cen)
hunt game/quarry.. janto (jan)
hurt harm/injure.. at/in.. surna (sru)
hydrogen H hidro (hid)
ice an amount of - bisli (bis)
idea about.. by thinker.. vidre (vid vie)
important to.. in/for.. djipo (jip jio)
impulse have an - to do.. pulso (pul)
in -side/interior of.. 'inner' nenri (nen nei)
increase by.. in.. during.. tenri (ten)
Indian culture 'Hindi, Hindi' hindo (-)
Indian person 'Hindi, Hindi' hindi (-)
industry producing.. among.. gotri (got)
infant baby of.. cinta (cin)
inflame .. with/to dimension.. flati (-)
ink an amount of - timmo (tin)
insect n. sekt (sek)
insure .. against.. for fee.. curdi (cur)
interact -s with.. sociel (soi)
interest -s.. be -ing to.. in.. trecl (-)
invent .. for use.. vetfa (-)
iron Fe feru (fen feu)
island in sea.. cilka (cil)
Italian culture talno (-)
Italian language talna (-)
Italian person tami (-)
Japanese culture 'Nippon-jin' ponjo (-)
Japanese language 'Nippon-jin' ponja (-)
Japanese person 'Nippon-jin' ponji (-)
jelly an amount of - dzeli (dze)
jewel in/of jeweled object.. djula (jul)
join be -ed to.. at.. djine (dji)
judge .. to be.. be a .. djudi (dju)
keep -er/sharper than.. kinku (kik)
keep retain.. klipu (-)
kettle of/containing.. kettle (ket)
key a - to lock.. toeki (-)
kick v.t.. kekto (-)
kind be - to.. ekano (oka)
kiss ..on.. skesa (-)
knife n. najda (na)
knob in/between.. nanda (-)
know .. about.. djano (dja)
lake of landmass.. vlako (vla)
lend a parcel/expense of.. landi (lan lai)
language of people(s) .. lengu (len leu)
laugh at.. clafu (-)
lay against.. by.. under.. 'legal' lilfa (lii)
lead Pb pubmu (pum)
leaf of plant.. clife (lif)
lean thinner than.. by.. linco (lic)
learn ..from source.. cirna (cir cia)
leather skin/hide from.. 'pelt' pelpi (-)
left of.. -hand side of.. ledzo (lez)
leg of.. body-part tugle (tul tue)
less of system.. lenzo (leo)
let permit.. do.. under.. letci (let lei)
letter -al in character-set.. letra (lea)
letter to.. from.. about.. letci (ler)
level in gravity field.. leipi (lel lep)
lift ..to.. from.. in field.. lufta (-)
light -er than.. by.. in field.. lateci (-)
light from source.. on.. lita (lit)
lightning from.. to.. ledri (-)
like similar to.. in.. cilka (cil)
likely -ier than.. under.. dakli (dak)
limit of.. limji (lim lij)
line through points.. cilna (lin lia)
linen from source.. linbu (-)
lion n. simba (sib)
lop of.. zlupi (-)
liquid from temp.. to.. 'fluid' fiiku (fii)
liquor distilled spirits likro (lio)
list of set .. in order.. lista (lis)
live be alive.. olvi (liv lii)
liver of.. vrano (-)
local to.. / confined to.. lokti (loi)
lock of/on.. shako (shu)
logic for getting.. from.. lodji (lod)
Lingua Franca logia (log)
Logian language logia (log)
Logian person logli (-)
Logianic culture logio (-)
long -er than.. by.. langa (lag laa)
look at.. bleka (ble)
lose person/thing.. dirlu (-)
loud -er than.. by.. clado (cla)
loose n. ladzo (-)
love v.t.. cluva (clu)
lunar pert. to Earth's moon.. lumra (lun)
machine for use/function.. matci (ma cai)
magic -ian, do - before.. madji (maj)
magnet n., -ic a. magne (-)
maize corn from source.. mise (-)
make .. out of.. 'made' madzo (mad mao)
meal of species.. 'men' mendi (men)
man n. 'men' mrenu (mre)
manage function.. in.. mande (-)
mark be a - on.. made by.. marka (mar mao)
mark be worth.. a, default 1 makri (-)
market of community.. 'mart' marte (mae)
marry be -ied to.., spouse merji (mer)
mat n. ceiro (-)
match incendiary device metca (-)
mattress pallet 'pad' spadi (-)
meal composed of dishes milha (mia)
measure . to be . on scale . merli (mel mei)
meat from source . nitro (mit mio)
meet encounter . at/in . jmite (jmi)
melon from source . melno (-)
member of set/group . 'join' djori (djo)
metal be . -ic/made of . metli (met)
meter be . - s long . default 1 metro (meo)
middle at the center of . midju (mid mij)
mild be gentle to/with . mildo (-)
mile be . - s long . default 1 marli (-)
military of . 'militia' bilea (bic)
milk from source . malna (man)

mill of community . moloni (-)
million -fold of . 'mega' - megdo (meg)
millionth -part of . 'micro' - mikti (mik)
min of . simna (min)
mineral ore from source . minku (miu)
minute lasts . - s . default 1 manta (-)
mixture of ingredients . miksa (mis)
money issued by . emeni (eme)
monkey n. muri (muk)
month of year . 'menses' mensa (mea)
more exceeds . in prop'ty . by . mordu (mro
mou)
morning of day . monza (moz)
mother of . by father . matma (mat mam
maa)
motive for . to do . under . modvi (mov moi)
motor n. motei (moe)
mountain of landmass . monca (mon moa)
mouth of . manko (mak)
move to . from . over path . muvdo (muv muo)
muc more extreme than . in . mutec (mut
muc mue)
muscle of . muslo (mus)
muscle by composer . muzgi (muz mui)
nail n. naldi (naal)
name of . to/used by . namci (nam)
narrow - er than . by . janro (jar)
nation of people . 'polity' poldi (pod)
natural not caused by man natra (nar nea)
near - er than . to . by . snire (sn)
neat - er than . nitci (nit)
necessary for process . nerbi (neb)
neck of . sneku (sne)
need . for . cida (cni)
needle n. nidia (-)
nerve of . . body-part 'nerve' - nurvi (nuv)
nervous about . 'nervy' nervo (nev)
nest of . nensu (-)
net n. netre (net)
neutral in fight . between . mutra (-)
new to . in feature . emnu (emu)
news about . from source . muzvo (nuz)
next to . nedza (ned nea)
nickel Ni nikel (-)
night . -time of day . natli (nat nai)
nitrogen N nitro (-)
north of . / a - ern part of . nordi (nod)
nose of . nazbi (-)
now simultaneous with . nadsu (naz nao)
number n. numeu (num nuu)
nut of plant . 'kernel' krunu (-)
oak from source . sokcu (-)
object enduring in space - time . bekti (bek)
offer . . to . for use . tiru (tiu)
office of . fusto (-)
old - er than . by . lako (lal)
open be / - not shut . kapni (kap)
operate . . with goal . bepra (-)
opine think . true of . jupni (jui)
oppose . . on issue . posz (poz)
opposite from . in quality . bufpo (buf)
orange be more . than . norji (-)
order command . to do . korji (koj koi)
ordinary more - than . in . damri (-)
organize . . into . . for . ganii (gai)
other not same as . 'not be' notbi (not)
out / - side of . exterior to . zvoto (zvo)
oven of . zavno (zan)
over vert'ly above . in field . tovru (tov)
owe . . to . for . 'debt' djeta (jet)
own . . under law . custom . ponsu (pon pou)
page of document . pidri (-)
pain . . ed . hurt / feel . in . puntu (pun pui)
paint n. pinti (pin)
pan n. panza (pan)
panie be - ked by . . panki (-)
pants trousers pantu (-)
paper n. papre (pre)
parallel to . . pirde (pie)
parent is . a - of . by . penre (-)
part of whole . parti (par pai)
passport issued to . . by . for . pasu (-)
past before . default now pasko (pas pak pao)
paste n. pasti (-)
pause wait for . . before . pazda (pad)
pay . . to . . for . goods / service . . petci (pec)
pay peace be at . with . . pismi (pis)
ppear from source . . perli (-)
pen writing instrument penbi (-)
pencil n. pinsi (-)
penetrate ...in dir'nm. 'thru' teeru (tee)
penis of.. pingu (-)
perfect by standard.. purfe (puf pue)
person /people permu (per peu)
pertain to.../concern.. perti (pei)
peseta be worth... -s, default 1 pesta (-)
peso be worth... -s, default 1 pesro (-)
physical non-mental fizdi (fiz fid)
picture of... by... teure (tcu)
piece of... pisku (piu)
pig n. 'pork' porju (poj)
pin n. pinda (pid)
plane through pts., flat pilno (pil)
plant n. 'herb' herba (heb)
plate n. piata (pla)
play with... piecie (pie)
please ..by... pluci (plu)
plow n. piando (lad)
pocket of garment.. packe (-)
point be a/the - of.. penta (pet pea)
poison -ous to... 'venom' vendu (ven veu)
 polish n. palci (-)
poor -er than... in... purcu (-)
possible under conditions... blicu (bli)
post mail...to... from... by... posta (pot)
pot n. patpe (pat)
 potato from source... patto (-)
pound be worth... -s, default 1 pandi (-)
pound weigh... -s, default 1 pundo (-)
powder from source... pudru (pud)
power -ful, have - over... porli (por poi)
price of... to... set by vendor... prati (rat)
print v.t., -... on... capri (cap)
prisoner of... for act/state... premi (-)
 private to... prizi (riz)
problem to... in doing task... nable (nab)
process -ceeding thru stages... prase (pra)
produce ..by process... proju (pro)
product of... multiplied by... jalti (jai)
profit be the - to... from... prali (rai)
prose be a - work by... proza (-)
protest ..to... by doing... pruti (ruu)
public more - among... than... publi (pub)
pull ...to... from... ecpula (cpu)
pump for... from... into... damapa (-)
punish ..for... by doing... kasa (ka)
purple more - than... purpu (pup)
push ...to... from... via... pucto (puc puo)
pul place/set... on/at... 'set' setfa (sea)
 quality have /-feature... kattli (kat kai)
quantity of... on scale... canli (cna cai)

question about... by... to... kenti (ken)
quick be faster than... by... kukra (kuk)
quiet -er than... 'silent' santi (sai)
radio receiver in network... radjo (-)
rail n. -ing/bar trael (rel reu)
rain be... ed on by... crina (cri)
range to... /extend over... ranjo (-)
rat n. rateu (rau)
ratio of... divided by... math... brato (rao)
ray from energy source... kreni (kre)
read ...from surface/document... ridle (rid)
ready for... bredi (bre)
reason for... 's doing... under... raznu (raz)
record of... on medium... rirra (rir)
red -der than... redro (red)
regular more - than... riiri (rii)
related to... by relation... 'kin' kenei (kuc kui)
religion of people(s)... lidji (lid)
remember ... about... diki (dri)
reply ... to questioner... retpi (rep)
reply to... with response... dapli (-)
represent ... in/under... dilri (-)
respect ... for doing/being... rispe (ris)
respond ... to... under... ponda (poe)
responsible for... to... daspa (das dap)
rest replay/lie down on... resto (ret)
restaurant of community... resa (-)
restrain keep... from doing... rthu (liu)
reverse of... in... order from... fanve (fav)
reward ... for... with... barda (-)
rhythm be the - of... ritra (rit)
rice from source... risni (-)
rich wealthier than... in... furri (-)
right of... /hand side of... ritco (ric)
ing be a .../band on around... rinje (rin)
ripe -er than... rapcu (-)
river of landmass... vrii (vri)
road between points... via... rodlu (-)
rock stone from source... troka (tro)
roll -s/be a -er/cylinder rodeu (rol)
roman person romni (-)
roof of... trufa (ruf)
room of/in... kruma (kru)
root of plant... ginu (gin)
rose from source... rozmee (-)
rotten be more - than... ranta (ran)
rough -er/more abrasive than... rofsu (rof ros)
round circular, a disk/circle rande (rad ra)
route path to... from... via points... rutma (rut rua)
ruble be worth... -s, default 1 rubli (-)
rule prescribing... to... under... ruini (rul rui)
run to..from..over path.. prano (-) silk made of - colku (col)
rupee be worth.. -s, default 1 rupi (-) simple -er than..in respect.. sapla (sap)
Russian culture 'Ruski' rusko (-) sing ..to.. 'greet, tune' gritu (grī)
Russian language 'Ruski' ruska (-) sister of..thru.. 'sorority' sorme (som soe)
Russian person 'Ruski' rusk (-) sit on.. skitu (ski)
sack bag of/containing.. sakli (sak) site place/location of.. sitfa (sit sif sia)
sad be - about.. 'regret' kecri (kee kei) skin n. skizo (kiz)
sage wiser than..about.. sadji (saj) skin rind/outer covering of.. skapi (-)
sail of vessel.. saifa (saf) skirt n. skara (-)
salt an amount of - soite (sot) skull of.. tosku (-)
same be the - thing as.. samto (sam sao) sky an expanse of - at place.. skati (-)
sand from source.. sanca (san) sleep v. be asleep sonli (soi)
say ..to.. cute (cus cu) slide slip on.. clidu (-)
scale measuring..among.. skalu (ska) slope steeper than..by.. slopu (slo)
school of community.. ckelu (kea) slow -er than..by.. slano (sia)
science of/about.. sensi (ses) small -er in volume than..by.. cmalo (cma)
Scott -tish person skaci (-) smash ..into pulp.. 'crush' kraico (-)
Scott -tish dialect skace (-) smell n. an odor emitted by.. sutme (sut)
Scott -tish culture skaco (-) smile at.. 'grin' erano (era)
scratch .. v.t. kraju (raj) smoke from source.. smano (sma)
screw n. a threaded device skori (sko) smooth -er than..by.. smupi (smu)
sea of planet.. mursi (mur) snake serpent 'reptile' marpi (-)
second lasts.. -s, default 1 sekmi (-) sneeze v.i. tsani (-)
secret be kept - from..by.. smike (smi) snow a quantity/expense of - snice (nic)
secretary of.. sekre (-) soap an amount of - dzaso (zas)
secure safe from.. 'sure' cureca (cur) sodium Na nadri (nad)
see ..against.. 'vision' viska (vix vik via) sofa n. sofna (-)
seed of organism.. sidza (siz) soft -er/more malleable than.. molro (-)
seem to be..to..under.. simel (sim sii) solar pert. to Earth's sun solira (-)
self of../-image of.. selji (sel) soldier of army.. solda (sod)
sell ..to..for price.. 'vend' vedma (ved və) solid below temp. & pressure.. saldi (sal)
send ..to..from..via route.. sundi (sud sij) son of..parents..and.. sunho (sun suo)
sense stimulus..under.. sansa (sas sə) sound a - emitted by.. sonda (son soa)
sentence about..in language.. steti (ste) soup -/stew of ingredients.. supa (sup)
serious be - about.. srisu (riu) sour more - than..to.. sarai (sar)
servo ..in/by.. a -ant of.. surva (suv) south of..a -ern part of.. surdi (sur)
set group of elements.. setci (set se) space volume occupied by.. spasi (spa)
sew ..to.. djoso (jos) Spanish culture spano (-)
sexual behave -ly toward.. seksi (sec) Spanish language spana (-)
shade shadow of..from source.. cedsu (ced) Spanish person spani (-)
shake oscillate at rate.. siltu (sil sii) species of genus.. speci (-)
sheds scissors cirzo (cio) specific to..among.. spabi (peb)
sheep n. berei (-) spirit ghost of..seen by.. spicu (spi)
shelf of/containing.. celna (cel) spit spittle of.. spetu (-)
shirt upper-body garment curta (-) sponge n. penja (pej)
shock ..with/by.. tcaku (cak) spoon n. sputa (put)
shoe n. cutei (cue) spread ..s/expands over/into.. kuspo (-)
short -er than..by.. corta (cor coa) spring n. an elastic device spori (-)
shovel n. cave (cav) square with vertices.. kurfa (kur)
sick with..from.. 'malady' malbi (mal) stage of hall/theater.. stadi (sta)
side of..bounded by edges.. spali (pal) stairs of structure.. stire (tir tie)
sign of..to..urgling..under.. sanpa (san saa) stalk stem/trunk of.. staga (-)
stand on... staili (tai)
star of galaxy... tarci (tar)
start origin/beginning of... satei (sac)
station of transport system... stana (-)
stay remain at/with... stolo (sto)
steel made of... gasti (-)
step on/in... buste (bus bue)
stick of/made of... stuka (-)
stiff -er than... in direction... stifa (-)
store deposit/reserve of... sordi (sro)
story about/told by... stucel (stu)
strange to... in features... gutra (gur)
street of... trida (-)
stretch to length/from... teteu (tec teu)
stroke rub... with... satro (sat)
strong -er than... by... 'fort' forli (fol)
structure of... truke (tru)
student of... at institution... stude (-)
stuff matter/material stifu (eti)
succeed in... by effort... suksi (sku)
sudden be... /abrupt to... sudna (sua)
sufficient enough for... tsusu (tsu)
sugar n. 'saccharine' sakta (-)
suggest action... to... sange (-)
sulfur S suifa (-)
sum mathematical - of... plus... sumji (sum)
summer of year... cimra (cim)
support ... with... djupo (jup juo)
surprise by... 'startle' stari (-)
sweet -er than... to... silti (ali)
swelling at/in/on... caused by... suleba (sul)
swim to... from... via... suemi (sul)
system of function & parts... sisto (sis sio)
table n. tobme (tob toe)
tail of... tilba (-)
take... away from... tokna (toa)
talk to... speak to... about... takna (tak taa)
taste flavor of... 'gusto' gustu (gus gut)
tax on... by... for use... eteki (ete)
tea from source... teati (-)
teach... to do/know... ditea (dic dia)
television rec'r in network... teifo (-)
television rec'r in network... teivi (-)
temple church of religion... tepli (tep)
ten -fold of... 'deka-' dekto (dek)
ten-thousand of... 'myriad' mirdo (mir)
tent a fabric dwelling of... tenta (-)
tenth -part of... 'dec'i' decti (dec)
terrestrial pert. to Earth terla (tel)
test a - for... among... 'proof' pruci (pru)
testicle of... 'testes' testi (-)
thrash of community... tatro (tat)

thick -er than... by... 'stout' totmu (tot)
think about... 'pensive' penso (pen peo)
thousand -fold of... 'kilo-' kilo (kil)
thousandth -part of... 'milli-' milti (mil)
thread an amount/length of... citre (cit cie)
throat of... 'gullet' goltu (-)
throw... to/at... renro (ren reo)
thumb of... pudja (-)
ticket to... from... on... for... ketpi (-)
tiger n. tigra (-)
tight be... -er than... on... djitu (jit jiu)
tile n. kadta (-)
time interval from... to... 'tempo' cekemo (cge)
tin Sn smatu (-)
tired by effort... tari (tal tae)
tobacco n. tabko (-)
toe of... djoto (-)
tomato from source... tomto (-)
tongue of... body-part tongu (-)
tool for doing... 'instrument' trime (rim rie)
tooth of... 'dental' dante (dat)
touch... with... toteo (toe)
trade... for... with... 'barter' batmi (bat)
train of system... trea (tre)
travel to... from... via route... traci (rac)
tray of... containing... trali (-)
tree n. tricu (tri)
trillionth -part of... 'pico-' piki (pik)
trot to... from... trotter troti (-)
trouble v. disturb... by... fatru (fat fau)
true by rule/standard... tradu (tra)
try to... do/attain... by... trati (rai)
tube a length... of... ing tubli (tub)
tulip from source... tulpi (-)
turn rotate around axis... trana (tan)
twist under load... 'torque' torni (ton)
tulip from source... tulpi (-)
vaccine against disease... in... vakni (-)
vagina of... kombi (-)
value of... to... for use... vatlu (vat vau)
vault jump over/ across... waiti (val vai)
verse a poem by... vira (vir)
vertical in gravity field... vreti (vre)
vessel of... containing... veseo (veo)
view of... from point... vidju (vij viu)
vicious or unkind toward... vana (van vaa)
voice of individual... volsi (vol voi)
volt have... s.e.m.f., deflt 1 volta (-)
vomit... /throw... up on... vamtu (-)
walk to..from..via.. dzoru (dzor)
wall of/around.. teali (cal)
war be at - with..over.. dorja (dor)
warn ..of/about danger.. kurni (kun)
wash ..in.. vlaec (-)
waste ..on/ by doing.. festi (fes)
watch observe..do.. katca (-)
water an amount/expans of - cutri (cut cui)
wave in medium.. valpu (vap)
wax from source.. lakse (lak)
weapon for use.. 'arm' tarmu (tam tau)
weather of place/region.. tetri (tet)
week of month/year.. likta (lik)
well healthier than.. djela (dje jel)
west of..a -ern part of.. lusta (lus)
wet with.. cetlo (cet)
wheat from source.. ritma (-)
wheel of device/vehicle.. krilu (-)
whip n. lash 'switch' bitee (-)
whistle n. casio (cas)

white -er than.. 'blank' blabi (lab)
win ..from/over.. 'gain' ganeu (gac gau)
window of.. cundo (cuo)
wine an amount of - vinjo (vin)
wing of.. teela (-)
winter of year.. dotra (dot)
wire a length of - tirca (tic)
with -../companion of..in.. kinco (kin kil)
without be -../be..less clesi (cle)
woman n. 'feminine' fumna (fum fua)
wood from source.. mubre (mub)
wool from source.. lunli (lul)
word be the - for..in lang.. purda (pur pua)
work on/at..with goal.. turka (tur tua)
worm n. kurma (-)
write ..on surface.. sritte (sri)
year of epoch.. nirne (nin nie)
yellow -er than.. peito (-)
young -er than..by.. 'junior' junti (jun)
zinc Zn zinko (-)
LIST 3. SHORT AFFIXES

baa (barma) arm of... body-part
bac (baiici) build... from materials...
bad (badlo) bundle package of/containing...
bai (baiti) build... from materials...
baj (badjo) bow/bough limp/branch of...
bak (baito) bucket pail of/containing...
bal (balpi) balance -d under forces...
bam (balma) ball sphere n., spherical a.
bap (baini) bathe in...
bao (baksi) box of/containing...
bap (batipl) bottle of/containing...
baz (barna) arm of... body-part
bas (bani) base foundation/basis of...
bat (batma) trade... for...with... 'barter'
bed (bedpu) bed n.
beg (beggo) beg request...of/from...
bei (berti) carry...to...from... 'bear'
beik (beiki) object enduring in space-time
bel (beiki) bell producing sound/notice...
ben (bendu) band orchestra of players...
beo (beggo) beg request...of/from...
ber (benti) carry...to...from... 'bear'
bet (betoi) bent more ~/crooked than...
beu (bendu) band orchestra of players...
bia (biba) between...and... 'beside'
bic (bicla) military of... 'militia'
bid (bidu) behave...under...
bie (bidje) edge of/between...
bi (blii) beautiful more... than...
bl (bili) beautiful more... than...
bis (bisli) ice an amount of...
bit (bitsa) between...and... 'beside'
biu (bivdu) behave...under...
viv (bivdu) behave...under...
bia (bla) blade of tool/weapon...
ble (bleka) look at...
bi (bleu) possible under conditions...
blu (bloda) hit...with... 'blow'
blu (bludi) blood of organism...
boi (botci) boy n.
bon (bongu) bone of...
bors (borku) bow for arrows...
bos (bosi) boat n.
bou (bousi) boat n.
bra (brana) born be... to...
bre (bredi) ready for...
bru (brudi) brother of... through...

bua (buste) step on/in...
buf (bufpo) opposite from... in quality...
bui (bulbi) bulb of plant/species...
buj (bulju) boil at temperature...
buk (bukou) book about...by...
bul (bulbi) bulb of plant/species...
bun (buno) fool be -ish about... 'boob'
bus (buste) step on/in...
bub (bukou) book about...by...
cab (cabo) burn at temperature...
cae (canse) chance random under...
cai (canli) quantity of... on scale...
cak (taku) shock...with/by...
cal (caali) wall of/around...
can (canse) chance random under...
cao (cabo) burn at temperature...
cap (capri) print v.t.,...-...on...
car (carbo) carbon C
cas (caslo) whistle n.
cat (cartu) chart map of... by...
cav (cavle) shovel n.

cen (cenja) change into/become... from...

ced (cedzu) shade shadow of... from source...

cen (cenja) change into/become... from...
cel (celni) shelf of/containing...

cet (centi) hundredth... part of... 'cent'
cet (ceto) wet with...

cia (cirna) learn... from source...

cid (cida) awake be...
cie (cire) thread an amount/length of...
cik (ciktu) equal... in/on dimension...
cil (citu) detail of...
cim (cimra) summer of year...

cin (cinta) infant baby of...
cio (cirzo) shears scissors

cis (cisti) history of... by...
cit (cire) thread an amount/length of...
ciu (ciktu) equal... in/on dimension...

cika (ckano) kind be... to...

cke (ckemo) time interval from... to 'tempo'
cko (ckou) cause... 'be a... of... under...
cia (ciao) loud -er than... by...
cle (clesi) without be.../be... less
cli (cilka) like similar to... in...
cio (lori) chlorine Cl

ciu (cluva) love v.t.

cma (cmalo) small... er in volume than... by...
cme (cmeni) money issued by...
emi (cmiza) amused be... by... by doing...
cna (canii) quantity of...on scale...
diu (dislu) discuss ...with...
cen (enida) need ...for...
dja (djano) know ...about...
cen (cinii) new to...in feature...
dje (djela) well healthier than...
coa (corta) short —er than...by...
dji (djinie) join be —ed to...at...
com (comtu) ashamed of doing/being...
djo (djiro) member of set/group... 'join'
con (condi) deep —er than...by...
dju (djudi) judge...to be...be a —
cor (corta) short —er than...by...
don (donsu) give ...gift... 'donate'
cot (comtu) ashamed of doing/being...
dor (dorja) war be at — with...over...
eou (comtu) ashamed of doing/being...
dot (dotra) winter of year...
epu (cupsul) pull ...to...from...
dou (donsu) give ...gift... 'donate'
epu (cupsul) pull...to...from...
dra (drani) dry —er than...by...
dre (dreti) correct by standard...
dri (driki) remember ...about...
dru (durzo) do ...to...
dua (durna) adorn ...be an —ment of...
dui (duvri) discover ...about...
dum (durna) adorn ...be an —ment of...
duo (durzo) do ...to...
dup (dupma) dupe deceive/trick...about...by...
dur (durzo) do ...to...
dus (dustu) dust n.
dut (dutci) doubt that...is true of...
duv (duvri) discover ...about...
dza (dzabi) be real/exist for...under...
dze (dzeli) jelly an amount of...
dzo (dzoru) walk to...from...via...
faa (faiba) fail to do/be...under...
faa (faiba) fail to do/be...under...
fad (fando) end of thing/process... 'final'
fag (fagro) fire be a — in...
fail (falji) false by standard...
fail (falji) false by standard...
fam (famji) family with members...
fam (famji) family with members...
fann (fanra) barn of community...
nan (fanra) barn of community...
fao (fando) end of thing/process... 'final'
far (farfu) father of...out of mother...
fas (fasru) easy for...under... 'facile'
fat (fatru) trouble v. disturb...by...
fau (fatru) trouble v. disturb...by...
fav (fanve) reverse of.../in—order from...
feaf (feda) fall to...from... 'fell'
feaf (feda) fall to...from... 'fell'
fei (ferci) affair of/involving...
fei (ferci) affair of/involving...
feke (fekto) fact about...observed by...
feke (fekto) fact about...observed by...
fele (fela) fall to...from... 'fell'
fele (fela) fall to...from... 'fell'
felem (femdi) female of species...
fer (feru) iron Fe
fer (feru) iron Fe
fia (firpa) fear be afraid of/that...
goi (godzi) go to..from..via..
gok (gokru) hook n. 'crook'
gom (gomi) yummy adhere/stick to..
got (gotri) industry producing..among..
goz (godzi) go to..from..via..
gra (grada) great -er than.. 'grand'
gre (gresa) grease fat/oil, an amount of
gru (gru) group of members..
gub (gubhi) good better than..for..
gud (gubhi) good better than..for..
gui (guni) country of people..
gun (guni) country of people..
gur (gutra) strange to..in features..
gus (gusto) taste flavor of.. 'gusto'
gut (gusto) taste flavor of.. 'gusto'
hasa (hasa) house a dwelling/home of..
haa (hasa) house a dwelling/home of..
ha (ha) happy about..
ham (hama) harmonious with..to..
han (hano) hand of..
har (harko) harbor shelter for..from..
hap (hapi) happy about..
har (harko) harbor shelter for..from..
has (hasa) house a dwelling/home of..
hat (hatro) hot -ter than..by..
he (helba) help..do..
heb (herba) plant n. 'herb'
he (helba) help..do..
her (herfa) hair of..
he (helba) help..do..
hia (hija) here attend/be present at..
hid (hidro) hydrogen H
hir (hiri) hear..over noise..
hoa (horma) horse n.
hoi (homi) drink..from..
hol (holu) hole pit/depression in..
hom (homi) drink..from..
hor (norma) horse n.
hos (hospi) hospital of community..
hou (holu) hole pit/depression in..
hui (nurti) destroy v.t.
hum (humni) human be -/a - being
hum (humni) human be -/a - being
nut (nurti) destroy v.t.
jag (jaglo) angle between pts.. 'jagged'
ja (jalti) product of..multiplied by..
ja (janto) hunt game/quarry..
jao (jaglo) angle between pts.. 'jagged'
jar (janro) narrow -er than..by..
jel (djela) well healthier than.. 
jet (djeta) owe ..to..for.. 'debt'
jio (djipo) important to..in/for.. 
jp (djipo) important to..in/for.. 
jit (djitu) tight be -er than..on.
jiu (djitu) tight be -er than..on.
jmi (jmite) meet encounter..at/in.
jok (joka) clock n.
joo (jorto) hour last.. -s, default 1 
jor (jorto) hour last.. -s, default 1 
jos (djoso) sew ..to..
jug (jugra) grab seize..with.
jug (jugra) grab seize..with.
juu (jup) opinion think..true of..
juu (jupl) jewel in/of jeweled object.. 
jun (junti) young -er than..by.. 'junior' 
juo (djupu) support ..with/by.. 
jup (djupu) support ..with/by..
jur (ju) -ed 3rd converse
k-a (kamla) come from..to..via..
kac (kance) conscious be-/aware of..
kad (kanda) fight ..over.. 'combat'
kae (kance) conscious be-/aware of..
kaf (kasfa) punish ..for..by doing..
kal (kati) quality have -feature..
kak (kaktu) act do..with goal..
kal (kapli) complete by standard..
kam (kama) come from..to..via..
kam (kanno) can be able to do..under.. 
kaa (kako) act do..with goal..
kap (kapni) open be -/not shut
kar (kamra) camera n.
kas (karsa) across ..from..
kat (kati) quality have -/feature..
kau (kang) dog n. 'canine'
kec (kelei) school of community..
kee (kecri) sad be - about.. 'regret'
kei (kecri) sad be - about.. 'regret'
kej (kerju) care for/take - of..
kle (kimi) chemical a pure instance of..
kem (keki) question about..by/to..
kur (kerti) air a quantity of - 
kev (ketli) kettle of/containing..
kev (kervu) care for/take - of..
kle (kimi) doctor -s..for..with.. 'cure'
kle (kimi) with - ../companion of/in..
kil (kinku) keen -er/sharper than..
kil (kilto) thousand -fold of.. 'kilo' 
kin (kinci) with - ../companion of/in..
kle (kimi) doctor -s..for..with.. 'cure'
kis (skizo) ski n.
led (ledri) lightning from...to...
lei (letci) let permit...do...under...
lek (lenki) electric - charge on...-ity
lel (lelpi) level in gravity field...
len (lengu) language of people(s)
leo (lenzo) lens of system...
lep (lelpi) level in gravity field...
ler (lerci) letter to...from...about...
les (lesta) east of.../an -ern part of...
let (letci) let permit...do...under...
leu (lengu) language of people(s)
lez (ledzo) left of.../hand side of...
lia (clina) line through points...
lie (linco) lean thinner than...by...
lid (lidji) religion of people(s)
if (clive) leaf of plant...
il (clivi) live be alive
ijj (limji) limit of...
ilk (likta) week of month/year...
il (ilifa) law against...by...under.'legal'
ilim (limji) limit of...
ilin (clina) line through points...
ilo (likro) liquor distilled spirits
lis (lista) list of set...in order...
ilt (ilila) light from source...on...
ilu (litu) restrain keep...from doing...
iliv (clivi) live be alive
loa (flora) flower of plant...
lod (lodji) local to.../confined to...
log (logla) Loglan language
loi (lokti) local to.../confined to...
lor (flora) flower of plant...
lua (pluma) feather of...'plume'
lul (lunli) wool from source...
lum (pluma) feather of...'plume'
lun (lunra) lunar pert. to Earth's moon
lus (lusta) west of.../a -ern part of...
maa (matma) mother of...by father...
am (matci) machine for use/function...
amo (madzo) make...out of...'made'
amo (matci) machine for use/function...
amo (madzi) magic -ian, do - before...
man (manko) mouth of...
mal (malbi) sick with...from...'malady'
man (matma) mother of...by father...
man (malna) milk from source...
amo (madzo) make...out of...'made'
amo (matci) machine for use/function...
amo (madzi) magic -ian, do - before...
man (manko) mouth of...
mal (malbi) sick with...from...'malady'
man (matma) mother of...by father...
man (malna) milk from source...
amo (madzo) make...out of...'made'
arm (marka) mark be a...on...made by...
mat (matma) mother of...by father...
mea (mensa) month of year...'menses'
mea (megdo) million -fold of...'mega'-
nar (natra) natural not caused by man
nat (natili) night -time of day..
na (nardi) difficult for...under... 'hard'
naz (nado) now simultaneous with...
nea (nedza) next to...
neb (nerbi) necessary for process..
neb (nedza) next to...
neg (negda) egg of/from source..
nei (nenri) in -side/interior of... 'inner'
eje (nerji) energy have more - than...by...
neh (nehenri) in -side/interior of... 'inner'
er (ne) one one of...
nea (nesta) honest with...about...
net (natre) net n.
nev (nervo) nervous about... 'nervy'
nia (nimia) animal n.
nie (snice) snow a quantity/expanses of -
ni (nirne) year of epoch...
nig (nigro) black -er than...
nik (nikri) cheese from source... 'curd'
nil (nirili) girl n.
nim (nimia) animal n.
nin (nirne) year of epoch...
nir (ni) zero none of...
nit (nici) neat -er than...
noa (norma) average the...of... 'normal'
nod (nordi) north of.../a -ern part of...
nom (norma) average the...of... 'normal'
nor (no) non- negative
not (notbi) other not same as... 'not be'
num (numcu) number n.
nur (nu) -ed 1st converse
num (numcu) number n.
nuv (nurvi) nerve of..., body-part 'nerve-

pej (penja) sponge n.
pen (penso) think about... 'pensive'
peo (penso) think about... 'pensive'
per (pernu) person -/people
pet (penta) point be a/the - of...
peu (pernu) person -/people
pie (pinea) urine of... 'piss'
pid (pinda) pin n.
pie (pirl) parallel to...
pif (pifno) frequent more - than...under...
pik (pikti) trillithon -part of... 'pico-
pil (piino) plane through pts., flat
pin (pinti) paint n.
pio (pifno) frequent more - than...under...
pis (pismi) peace be at - with...
pia (pisku) piece of..
pla (plata) plate n.
ple (pleci) play with...
pli (plizo) use...for...
plu (pluci) please...by...
poa (ponda) respond...to...under...
pod (poldi) nation of people... 'polity'
op (porli) power -ful, have - over...
opj (porju) pig n. 'pork'
opn (ponsu) own...under law/custom...
por (porli) power -ful, have - over...
poj (posta) post mail...to...from...by..
opu (ponsu) own...under law/custom...
opz (pozfa) oppose...on issue..
prr (prase) process -ceeding thru stages...
pre (papre) paper n.
pri (prire) behind in back of... 'rear'
pro (proju) produce...by process..
pru (pruci) test a...for...among... 'proof'
pua (pura) word the - for...in lang...
pub (publi) public more... among...than...
puo (pucu) push...to...from...via..
pud (pudru) powder from source..
pue (purfe) perfect by standard..
puf (purfe) perfect by standard..
pul (pulo) impulse have an - to do...
pum (pubmu) lead Pb
pun (puntu) pain -ed, hurt/feel - in...
puo (puco) push...to...from...via..
pup (purpu) purple more - than...
pur (purda) word be the...for...in lang..
put (puta) spoon n.
puu (puntu) pain -ed, hurt/feel - in...
raa (grassa) grass a blade/expanses of -
rac (traci) travel to.../from...via route..
rad (rande) round circular, a disk/circle
rae (rande) round circular, a disk/circle
rag (fragu) fog be -gy/covered by -
rai (trati) try to do/attain..by...
raj (kraju) scratch .. v.t.
rak (draka) dark -er than..by..
rail (prail) profit be the - to/from..
ram (frama) frame of/around..
ran (ranta) rotten be more - than..
rao (brato) ratio of..divided by.. math.
rar (ra) all every..
ras (rasto) brass made of -
rat (prati) price of..to/set by vendor..
rau (ratcu) rat n.
raz (razn) reason for..'s doing..under..
rea (retca) differ be -ent from..in..
reb (breba) bread an amount of -
rec (retca) differ be -ent from..in..
red (redro) red -der than..
ref (resfu) garment clothing 'dress'
rei (revri) dream ..that.. 'reverie'
rek (breko) brake of..
rei (treu) rail n. -ing/bar
rem (fremi) brand of..
ren (renro) throw ..to/at..
reo (renro) throw ..to/at..
rep (retpi) reply ..to questioner..
rer (re) most most..
res (resfu) garment clothing 'dress'
ret (resto) rest repose/lie down on..
reu (treu) rail n. -ing/bar
rev (revri) dream ..that.. 'reverie'
rez (rez) free to do/be..
ria (briga) brave -er than..under..
ric (riteo) right of../-hand side of..
rid (ridie) read ..from surface/document..
rie (trime) tool for doing.. 'instrument'
rig (briga) brave -er than..under..
rii (rili) regular more - than..
rilk (brilk) brick n.
ril (brill) brilliant brighter than..by..
rin (trime) tool for doing.. 'instrument'
rin (rinje) ring be a -/band on/around..
rir (rida) record of../on medium..
ris (rispe) respect ..for doing/being..
rit (rinta) rhythm be the - of..
riu (risu) serious be - about..
riz (prizi) private to..
roa (mroza) hammer n.
roe (brocu) brush n.
rod (broda) broken inoperable
rof (rofsu) rough -er/more abrasive than..
roi (groci) angry at..for.. 'growl'
roj (rodja) grow into..
rol (rolgu) roll -s/be a -er/cylinder
ror (ro) many of../multi-
ros (rofsu) rough -er/more abrasive than..
rou (brocu) brush n.
roz (mroza) hammer n.
rua (rutma) route path to..from..via pts..
rue (brute) breathe v.t.
ruf (trufo) roof of..
rui (rulni) rule prescribing..to..under..
rul (rulni) rule prescribing..to..under..
rum (grunu) grain from source..
rus (prusa) approve plan/action..by..
rut (rutma) route path to..from..via pts..
rui (rui) protect..to..by doing..
saa (sanpa) sign of..to..urgery..under..
sae (satci) start origin/beginning of..
sae (sanse) sense stimulus..under..
saf (salfa) sail of vessel..
sai (santi) quiet -er than.. 'silent'
saj (sadji) sage wiser than..about..
sak (sakli) sack bag of/containing..
sal (sald) solid below temp. & pressure..
sam (samto) same be the - thing as..
san (sanpa) sign of..to..urgery..under..
sao (samto) same be the - thing as..
sap (sapa) simple -er than..in respect..
sar (sarni) sour more - than..to..
sas (sanse) sense stimulus..under..
sat (satro) stroke rub..with..
see (setfa) put place/set/on/at.. 'set'
sec (seksi) sexual behave -ly toward..
seii (setci) set group of elements..
sek (sekta) insect n.
seii (selji) self of../image of..
seii (sento) holy sacred to.. 'saint'
sen (se) seven seven of
ses (sensi) science of/about..
set (setci) set group of elements..
sio (sitfa) site place/location of..
sib (simba) lion n.
sic (siteci) city with hinterland..
sif (sitfa) site place/location of..
sii (simci) seem to be..to..under..
sil (situ) shake oscillate at rate..
sim (simci) seem to be..to..under..
sin (simna) cinema made by..
sio (sisto) system of function..& parts..
sir (sirna) certain sure that..is true
sis (sisto) system of function..& parts..
sit (sitfa) site place/location of..
siu (situ) shake oscillate at rate..
siz (sidza) seed of organism..
ska (skalu) scale measuring..among..
ski (skitu) sit on..
sko (skori) screw n. a threaded device
sku (suksi) succeed in..by effort..
sia (slano) slow -er than..by..
sli (slii) sweet -er than..to..
slo (slopou) slope steeper than..by..
slu (sluko) lock of/on..
sma (smano) smoke from source..
smi (smike) secret be kept - from..by..
smu (smupi) smooth -er than..by..
sna (sanca) sand from source..
sne (sneku) neck of..
sni (snire) near -er than..to..by..
sno (snoila) entail implies..under rules..
soa (sonda) sound a - emitted by..
sod (solda) soldier of army..
soe (sorume) sister of..thru.. 'sorority'
sog (sorgu) ear of.. 'aural'
soi (sonii) sleep v. be asleep
sol (socil) interact -s socially with..
som (sorume) sister of..thru.. 'sorority'
son (sonda) sound a - emitted by..
sor (so) six of..
sot (solte) salt an amount of -
spa (spasi) space volume occupied by..
spe (spenu) experience v.t. 'spend'
spi (spicu) spirit ghost of..seen by..
spo (spopa) hope for..that..happens
spu (spuru) expert skilled at..under..
sri (srite) write ..on surface..
sro (sordi) store deposit/reserve of..
sru (suna) hurt harm/injure..at/in..
sta (stadi) stage of hall/theater..
ste (steti) sentence about..in language..
sti (stise) cease stop doing..
sto (stolo) stay remain at/with..
stu (stuci) story about..told by..
sua (sudna) sudden be -/abrupt to..
sud (sundii) send ..to..from..via route..
sui (sundi) send ..to..from..via route..
sul (sulba) swelling at/in/on..caused by..
sun (sumji) sum mathematical - of..plus..
sun (sunho) son of..parents..and..
suo (sunho) son of..parents..and..
sup (supta) soup -/stew of ingredients
sur (surdi) south of..a -ern part of..
sut (sute) smell n. an odor emitted by..
suv (surva) serve ..in/by.. a -ant of..
tae (takna) talk to../speak to..about..
tae (tarle) tired by effort..
tag (targo) argue with/against..that..
tai (stali) stand on..
tak (takna) talk to../speak to..about..
tal (tarle) tired by effort..
tam (tarmu) weapon for use.. 'arm'
tan (trana) turn rotate around axis..
tao (targo) argue with/against..that..
tar (tarcu) star of galaxy..
tat (tatro) theater of community..
tau (tarmu) weapon for use.. 'arm'
tca (tcaro) car -/truck, a motor vehicle
tce (toeru) penetrate ..in dir'n.. 'thru'
tci (titcu) eat v.t.
tco (totoo) touch ..with..
tcu (tuce) picture of..by..
tee (tetcu) stretch to length..from..
ted (tedji) attend pay attention to..
tei (tedji) attend pay attention to..
tej (tedji) attend pay attention to..
tel (terla) terrestrial pert. to Earth
ten (tenri) increase by..in..during..
tep (teplu) temple church of religion..
ter (te) three three of..
tet (telet) weather of place/region..
teu (tetcu) stretch to length..from..
tia (tiata) choose select..from set..
tie (tiru) wire a length of -
tid (tidjo) heavy -ier than..by..in f/l'd..
tie (tiru) stairs of structure..
til (tili) attract ..by doing/being..
tin (tiru) ink an amount of -
tio (tidjo) heavy -ier than..by..in f/l'd..
tir (tiru) stairs of structure..
tiu (tiru) offer ..to..for use..
toa (tokna) take ..away from..
tob (tobme) table n.
toe (tobme) table n.
tog (torgi) agree with..about/that..
toi (torgi) agree with..about/that..
tok (tomki) automatic in function..
tol (toli) control ..in performance..
ton (tonri) twist under load.. 'torque'
tor (to) two two of..
tot (totnu) thick -er than..by.. 'stout'
tov (tovru) over vert'ly above..in field..
tra (tradi) true by rule/standard..
tre (trena) train of system..
tri (trici) tree n.
tro (trou) rock stone from source..
tru (truke) structure of..
tse (tsen) error in..by standard..
tsi (tsime) crime punished by..among..
tsu (tsufi) sufficient enough for..
tua (turka) work on/at...with goal...
wid (vidre) idea about...by thinker...
vid (vidre) idea about...by thinker...
vij (vidju) view of...from point...
vik (vizka) see...against...'vision'
vin (vinjo) wine an amount of...
vir (vira) verse a poem by...
vit (virta) ad for...in med'm...'advertise'
viu (vidju) view of...from point...
viz (vizka) see...against...'vision'
viol (vloko) lake of landmass...
voi (volsi) voice of individual...
vol (volsi) voice of individual...
vor (vo) eight eight of...
vre (vre) vertical in gravity field...
vr (vrci) river of landmass...
zan (zavo) oven of...
zao (zavlo) bad worse than...for...'evil'
zas (dzaso) soap an amount of...
zav (zavlo) bad worse than...for...'evil'
zbu (zuma) explode into...'boom'
zvo (zvoto) out/-side of/exterior to...
via (viza) see...against...'vision'
via (viza) see...against...'vision'
vie (vire) idea about...by thinker...
vie (vire) idea about...by thinker...
LIST 4. THE CASES OF THE PRIMITIVE ARGUMENTS

badjo P is a bough/limb/branch of W
badlo B is a bundle/package of/containing P
balso B is a box of/containing P
basko B is a pail/bucket of/containing P
balki A builds W from parts/materials P
balko P is a balcony of building W
balma P is a ball/sphere
balpi P balances/is balanced under forces C
banbe P is a bay of coastline W
banci A bathes/takes bath in B
banke P is a bank of community W
banla O is a banana from source S
banse B is a basket of/containing P
bapra A operates P to accomplish/with goal O
barcu P is a bar/tavern of community W
barju P is a bar/tavern of community W
barda A rewards S for O with P
barma P is an arm of W
barta P is a board/plank of material W
basi C is the base foundation/basis of P
batmi A trades P for P with A
batpi B is a bottle of/containing P
batra P is butter/amOUNT of butter
bedpu P is a bed
begco A asks for/requests P of/from S
bekli S is a bell producing sound/note O
bekti P is an object enduring in space-time C
beldu P is the belly/abdomen of W
bendu W is a band/orchestra of players P
berei P is a sheep
berna P is a brain of W
berli A carries P to B from S
betsu G is more bent/crooked than L
bidde P is an edge of W between surfaces C and C
bifei P is a bee
bifte P is a beefsteak, an amount of beefsteak
bilea P is a member of the military forces of government W
birea A plays billiards with A
bitti G is more beautiful than L is
birsu P is beer/amOUNT of beer
bissi P is ice/amOUNT of ice
bitce P is a whip
bitsa A is between B and B
bivdu A behaves D in situation S
blabi G is whiter than L
blada P is the blade of tool/weapon W
blako A publicizes P among public W
blane G is bluer than L
bleka A looks at P
bleku P is possible under conditions C
blado A hits B with P
bludi P is the blood of organism W
blusa P is a blouse
bomba P is a bomb
bongu P is a bone of W
borku W is a bow for arrows P
botei P is a boy
botni P is a button of W
botsu P is a boat
brana O is born to S
brato Q is the ratio of P divided by W
breba P is bread/an amount of bread
bredi A is ready for/to do D
breko P is a brake of W
brig A is braver than L before danger C
briku P is a brick
brili G is brighter than L by amount Q
brize O is a breeze/wind from P
brocu P is a brush
broda P is broken/inoperable
broko W breaks into pieces P
brona G is browner than L
bruoi P is a brooch
brudi O is the brother of P with parents S
brute A breathes
bufpo W is opposite from W in quality P
bukeu O is a book about P by S
bulbi O is a bulb of plant/species W
bulju P boils at temperature C
bumbo A is a fool/foolish about P
buste A steps in/on B
butpa P is a boot
cabro P burns/ignites at temperature C
cadre P is a dress/gown/frock
camel P is a camel (genus Camelus)
canli Q is a quantity of W on scale D
canse P is accidental/a chance/random event under knowledge-state C
capri A prints P on B
carbo P is carbon
cartu O is a chart/map of P by S
caslo P is a whistle
cavie P is a shovel
cedzu O is the shadow of S cast by light-source P
ceflti A is a/the chief among/of B for activity D
celna P is a shelf of/containing W
cenja S changes into/becomes O from state C
centi P is one hundredth part of W
cersi P is a chair
cetio B is wet with liquid S
cibra A is a bridge over/ across P
cidja P is awake
ciktu W equals W in/on dimension P
cilde P is an island in sea B
cimra P is the summer of year W
cinta O is an infant/baby of S
cirma A learns P from source S
cirzo P is a pair of shears/scissors
cisti O is a history of P by historian S
citlu P is a detail of/about W
citre P is thread/an amount/length of thread
cikafe P is a cafe of community W
ckano P is kind to B by standards C
ckela P is a school of community W
ckemo P is the time interval from S to O
ckozu S causes/is a cause of O under conditions C
clado G is louder than L by amount Q
clazo A laughs at P
clesi W is without/less quality/feature P
clidu A slips/slides on P
clif P is a leaf of plant W
clik W is similar to/like W in feature P
cline W is a line through points P
cliv A is alive/alive
clori P is chlorine (Cl)
chiva A loves P
cmal G is smaller in volume than L by amount Q
cmeni O is an amount of money issued by S
cmiza A is amused by/has fun being/doing D
cnida A needs P for purpose O
cnina W is new to A in feature P
colku P is silk/made of silk
comtu A feels ashamed of being/doing D
condi G is deeper than L by amount Q
corta G is shorter than L by amount Q
cpula A pulls P to B from S
crano A smiles at P
crina B is raised on by S
ceteki Q is a tax imposed on B by A for use D
ctifu P is stuff/matter/material
etuda O is the feces of S
cundo P is a window of W
cupri P is copper/a quantity of copper (Cu)
curca P is safe from danger C
curdi A insures B against hazard P for fee Q
curta P is a shirt/upper-body garment
cutci P is a shoe
cutri P is water an amount/expense of water
cute S says O to B
dakli G is more probable/likelier than L under conditions C
dela Q is a dollar/is worth a dollar
denni G is down/lower than L by measure- ment P in gravity field C
dampa D is a pump for pumping P from S into O
danci O is plan/design for D/doing D by planner S
damri G is more ordinary than L in features P
dansa A dances to P
dante P is a tooth of W
danza A desires/wants state/object P for purpose O
depli A replies to person B with answer/ response P
dari G is farther than L from P by route D
darto P is a door of/in W
daspa A is responsible for object/person P to B
decti P is a tenth/tenth part of W
dedo P is a finger of W
dekto W is ten of/tenfold P
demli P is the daytime of day W
deno P is a danger/dangerous to A in situation C
deru P is dirt soil/earth from/of W
detra O is a daughter of S and S
dilko G is more delicious/delicate than L to A
dilri A represents P in setting C, of persons dipri P is dear/precious to A
dirco P lies in the direction B of B from S
dirli A loses person/thing P
disli A discusses topic P with A
disi A decides D to do D about P
ditca A teaches B to do/know D
ditka A bites B on/at locus P
djano A knows P about W
djela G is well/healthier than L
djesi A digests P
djeta A owes P to S for loan/service O
djine A is joined to B at P
djipo W is important to B in/time for P
Notebook 3 - Cases

djitu P is a member/element of group/set W
djori A sews P to B
djoto P is the toe of W
djudi P is jewel to/of jeweled object W
djupa A supports B by/w ith D
donsu A gives B gift P
dorja A is at war with B over P
dotca P is German/of the - language
dotci A is a German person
dotco D is German/of the - culture
dotra P is the winter of year W
draka G is darker/less illuminated than L by amount Q
drani G is drier than L by amount Q
drara B is a drawer of/ containing P
dreti P is correct by standard C
dride P is a drop of liquid W
drili A remembers P about W
dugri P is a unit of/ degree on scale W
dupma A deceives/tricks B about P by D
durna P adorns/is an adornment of B
durza A does D to B
dusti P is dust
durci A doubts that P is true of W
durvi A discovers P about W
dzabi P exists for A/is non-fictitious to A
given metaphysics C
dzaso P is soap/an amount of soap
dzeli P is jelly/an amount of jelly
dzoru A walks to B from S via D
fagro O is a fire in/ fed by fuel S
falba A fails to do/ be D under conditions C
falji O is false, as of sentences, under epistemology C
famji W is a family composed of members P
famva P is famous for D among W
fando P is the end of thing/process/ interval W
fanra P is a farm in countryside/ community W
fanve P is the reverse of P/in reverse order from P
farfu S is the father of O with mother A
farka D is an arch over P
fass P is the face of W
fasr D is easy for A under conditions C
fatru A troubles/disturbs B by being/ doing D
fekto O is a fact about event S to observer A
felda P falls to B from S in gravity field C
femdi P is a female of species W
ferci P is a matter/ affair/ concern of/ involving B
fermu P is iron, Fe
ferti G is more fertile than L for crops O
festi A wastes B on/ by doing D
fibru G is weaker than L at tasks D by amount Q
ficli P is a fish
fikco O is fiction/ a work of fiction by writer S
fildi P is a field of farm/ community W
filmo A feels O about P
firpa A fears P/ that P
fitpi P is a foot of W
fisdi P is physical/ non- mental
fici O is the flag of P
flaki P is a fly
flami O is a flame of S
flati A inflates P with S to dimension Q
fleti A flies to B from S via D
flu P is a liquid from temperature C to C
flofu P floats/ on/ in B
flora O is a flower of plant S
foldi A folds P Q times
folma G is fuller than L of/ by P
fordi P is the floor of W
forka P is a fork
fotil G is stronger than L at tasks D
forma P is the form/ shape of W
fosli A forces/ compels B to do/ be D
fotpa G is fatter/ stouter than L
fragu P is foggy/ covered by fog
fraki P is a franc/ worth a franc
frama P is the frame of/ around W
frasa P is French/ of the - language
frasi A is a French person
fraso D is French/ of the - culture
fremi A is a friend of B
frena A is in front/ ahead of B
frese G is fresher than L
frezi P is free to do/ be D
fruta O is a fruit of S
fulri G is rich/ wealthier than L in dimension P
fungu P is a woman
fundu A likes G more than/ prefers G to L
fundu P is the office of W
futbo A plays football with A
futci G is after/ future/ later than L
gancu A wins prize P from/ over competitors C
gandi A is the god of B
ganil A organizes P into system W for function O
ganta G is higher than L by amount Q in gravity-field C
gardi O is a/the garden of family/community S
garni A rules/governs B
garti B is grateful to S for O
gasmo P is the anus of W
gastil P is steel/made of steel
genza P is a recurrent instance of W
getsai A gets P from S for purpose O
gigdo W is a billion/billion fold of P
gimma A is a gymnast at feat D
ginru P is a/the root of plant W
gleca P is English/of the - language
gleci A is an English person
gleco D is English/of the - culture
glida A guides P to B from S via D
gliso P is glass/made of glass
gluva P is a glove
godru P is a drain of S into B
godsli A goes to B from S via D
gokru P is a hook
goltru P is a throat of W
gonni A adheres/sticks to B
gotca P is a goat
gotri D is an industry producing O among P
grada G is greater than L by standard C
gramo P is/weights a gram
grass P is a blade/an expanse of grass
grato P is a cake
gresa P is an amount of grease/fat/oil
grisci G is greyer than L
gritu S sings O to B
grocini A is angry at P for doing D
groda G is bigger than L by amount Q
grumu O is grain from source S
grupa W is a group composed of members P
gruobi G is good/better than L for purpose O
gunti W is the country/territory of people P
gusto P is the taste/flavor of food W
gutra W is strange to A in features P
hanco P is a hand of W
hacei A is happy about P
hardu G is harder/more resistant than L
harko P is a shelter for B from A
harmo P is more harmonious with P to A
hasfa P is a house/dwelling/home of B
hatro G is hotter than L by amount Q
hetto P is the head of W
hekto W is one hundred/a hundred-fold P
heba A helps B do D
herba P is a plant in/from habitat W
herfa P is hair/a strand of hair of W
hidro P is hydrogen, H
hiira A attends/is present at P
hindri P is Hindu/of the - language
hindu A is an Indian person (Hindu)
hindu D is Indian/of the - culture (Hindu)
hirta A hears sound P over/against noise C
holdo P is a hole/pit/depression in surface B
hompi A drinks P from B (or a-o-s)
horna P is a horse
horno P is a horn/antler of W
hospa P is the hospital of community W
hotle P is the hotel of community W
hosda P is hose/stocking/sock
humni P is human/a human being
hutri A destroys B
jaglo O is the angle between points S
jalri W is the product of P multiplied by P
janro G is narrower than L by amount Q
jant A hunts prey/quarry B
jmite A meets A at in B
jokia P is a clock
jorto P is a hour/lasts an hour
jugra A grabs/grasps/sizes B with P
junga P is Chinese/of the - language,
'Zhungwo'
jungi A is a Chinese person, 'Zhungwo'
jungo D is Chinese/of the - culture
'Zhungwo'
junti G is younger than L by amount Q
jupni A thinks P is true of W
jurna A earns wages O for work/service D
kaban P is a/the cabin of passenger B
kabre P is a nightclub of community W
kafso A coughs up/out O
kakto A undertakes action D with purpose O
kabra P is a collar of garment W
kambi A compares W to/with W in features P
kamda A fights B over P
kamikl P is funny to A by being/doing D
kamla A comes from S to B via D
kampo O is a camp of S at B
kamra P is a camera
kamtab P is a committee of organization W
with function/task O
kance A is conscious/aware of P
kangu P is a dog
kanla P is a canal between points S over route D
kanmo A can/is able to do D under conditions C
kanpi A competes with B for/over P
kana P is a cane/rod
kati O is a bill for goods/services P to B from/by S
kapli P is complete by standard C
kapma P is a hat/cape
kapni P is open/not shut
kapta A is the captain of P, nautical
karci P is the heart of W
karda P is a card
karku A is a crack/fissure in surface B
karsa A is across B from P
karti P is a cart/carriage/wagon
kase A punishes B for/being D by O
kasi P is cow/cattle
katea A watches/observes P doing/being D
katli W has quality/feature P
katma P is a cat/feline animal
katna O is cotton from source S
kecri A is sad/sorrowful about P
kekri A kicks B
kemdi P is a chemical/chemically pure state of substance W
kenti O is a question about P put by S to B
kerju A cares for/takes care of B
kerti P is air/quantity of air
keta B is a kettle of/containing P
ketpi P is a ticket to B from S on carrier A for price Q
kemu A treats/doctors B for infirmity P with D
kiito W is a thousand/a thousand fold P
kineci A is with P/accompanies P in doing/being D
kinku G is sharper than L
kitza A copulates with A
klabu P is cloth/amount of cloth
klada O is a cloud of air-mass S
kleda G is colder/cooler than L by amount Q
klesi P is a class of W with defining property C
klini G is cleaner than L
klipu A keeps/retains B in her/his possession
kliri G is clearer/more transparent than L
klug P is closed, as a door
kokla A cooks P for B
kolime P is coal/amount of coal
kolro P is a color perceived by A
komu P is a comb
komfu G is more comfortable than L to A
kompi P is a company chartered by agency A for purpose O
kombi P is the vulva/vagina or W
konsu O is the consul of country S in place B (or p-ul-b)
konte Q is the numerical count/number in set W
kopca O is a copy of S
korpe P is cord/rope/amount of cordage
korji A orders/commands P to do D
korka P is a cork/a piece of cork from source W
korti P is the body of organism W
korva W is a curve through points P
kosta P is a coat
kraco A smashes/crushes W into pulp P
kraju A scratches B
kraku A cries/cries out
kruni A drives/makes P go to B from S
kredi A extends credit to B in amount Q on conditions C
kreni O is a ray/particle/wave from energy source S
krido A believes O to be true of/about P
krihu P is a wheel of device/vehicle W
krima O is cream from source S
krihu P is a nut/kernel of plant W
kroli O is a current flowing from S to B
krali A is cruel to B
kuma P is a room of/in W
kubra G is broader/wider than L
kukra G is faster than L by amount Q
kultu O is the culture of people(s) S
kumtu P is a common to/universal in set W
kumci A is related to P by relation S
kupta B is a cup/containing P
kurfa W is a square with vertices P
kurma P is a worm
kurni A warns B of/about danger P
kurti P is a curtain of/across aperture B
kusmo D is a habit/custom of S under conditions C
kuspo A spreads over area B/expands into B
kusti G is more expensive than L for doing D
kutla A cuts W into pieces P
kutra G is more bitter than L to A
kuvga A covers/is a cover of P
kuvla P is a cave/cavity/cavern in B
ladzo P is a shuck
lakse O is wax from source S
lado G is older than L by amount Q
landi P is a parcel/expense of land
langa G is longer than L by amount Q
larte D is an art/technique of making O
among P (or s)
lasti G is more elastic than L
latei G is lighter/less heavy than L by
amount Q in gravity-field C
ledri O is a clap of thunder/bolt of lightning
from S to S
ledzo A is to the left/left-hand side of B
lielpi P is level/horizontal in gravity-field C
lengu O is a/the language of people(s) S
lenki A is an electric charge on B
lenzo P is a lens of optical system W
lerci O is a letter to B from S about P
lest G is east of/more eastern than L
letci A lets/permits B to do D under
conditions C
letra P is a letter in alphabet/character
set W
lidji D is a religious practice/religion of
people S
likro P is liquor/distilled spirits
likta P is a week of month/year W
lilfa O is a law proscribing acts D to actors
A under conditions C
limji A limits P/is the limiting value/bound
of P
linbu O is linen from source
lincn G is thinner than L by amount Q
lista O is a list of the elements of set S as
ordered by principle A
litta O is a light from source S on surface P
littu A restrains/keeps B from doing D
lodji D is a logical rule/principle for
reasoning from S to O
logia P is Logian/of the language
logii A is a Loglander/logophone
loglo D is Loglandic/of the - culture
lokta A is local to/confined to B
lufta A lifts P to B from S under gravity-
field C
lunli O is wool from source S
lunra P is lunar/pertaining to Earth's moon
lusta G is west of/more western than L
madji A performs magic before B
madzo S makes state/object W out of
materials P
magne P is a magnet/magnetic
makri P is a Mark/is worth a Mark
malbi B is sick with disease/malady O caused
by S
malna O is milk of/from source S
mande A manages function P in
organization W
manko P is the mouth of W
manji P is an ant of hill/colony W
marka P is a mark on B made by A
marli P is a mile/a mile long
marpi P is a snake/serpent
marto P is a market of community W
matci P is a machine for use/function D
matna S is the mother of O with father A
megdo W is a million/a million-fold P
melno O is a melon from source S
mendi P is a male of species W
menki P is an eye of W
mensa P is a month of year W
merji A is married to A
merka P is the/an American dialect
merki A is an American person
merko O is the/an American culture
merli A measures P to be/have value Q on
scale C
metca P is a match, an incendiary device
metti P is metal/metalllic/made of metal
metro P is a meter/a meter long
midji A is in the middle/center of figure/solid B
miksa O is a mixture of ingredients P
mikti P is a millionth/a millionth part of W
mildo A is mild/gentle to/with B
milfa W is a meal composed of foods/dishes P
milti P is a thousandth/a thousandth part
of W
minku O is an ore/mineral from source S
mint P is a minute/lasts a minute
mipli P is an example of W
mirdo W is ten thousand/ten thousand of P
misne P is maize/corn from source S
mitro P is a piece of meat from animal/
source W
modvi S is the motive to A for doing D under
conditions C
molei P is a mill of community W
molro G is softer/more malleable than L
monea P is a mountain/hill of land mass W
monza P is the morning of day W
mordu G exceeds/is more than L in property
P by amount Q
morte P is dead
motci P is a motor
murena P is a man/a male human
mroza P is a hammer
mubre O is wood from source S
munce W is a community of organisms
murki P is a monkey
mursi P is a sea on planet W
muslo P is a muscle of W
mutsee G is more extreme than L in quality/feature P
muwdo A moves to B from S over path P (or D)
muwzi O is music/a piece of music by composer S
nabie P is a problem to B in task/inquiry D
nadri P is sodium, Na
nadzo P is now/current/simultaneous with P
nejda P is a knife
nekso A fixes/repairs P for use/user D
heel P is a nail/a driven metal fastener
namci P is the name of B to/used by A
nanda P is knot in/between (cords) W
nanti P is a billionth/a billionth part of W
nardu D is difficult for A to do/be under conditions C
narmi P is an army of W
narti P is separate/apart from P
natli P is the night/night-time of day W
natra P is a natural phenomenon/not caused by humans
nasbi P is the nose of W
nedza P is in contact with/next to P
negda O is an egg of S
nemdi B is an/the enemy/foe of A in struggle P
nenri A is in/inside/the interior of B
nensu O is a/the nest of S
nervi A is nerves about P
nerge A is nerve to/from B about matter P
netre P is a net
nidia P is a needle
nigro G is blacker than L
nikle P is nickel, Ni
nikri O is cheese from source S
nilca A is vertically below B in gravity-field C
nimla P is an animal in/from habitat W
nida P is a bird
nirli P is a girl/a female human child
nirne P is a year of epoch W
nitci G is nearer than L
nitro P is nitrogen, N
nordi G is north of/more northern than L
norji G is more orange than L
norma P is the average/mean distribution of W
notbi P is other/not the same as P
numcu P is a number
nurvo P is a nerve of organism W
nutra P is neutral in dispute D between A (and A)

nuwzo O is a piece of news about P from source S
pacek P is a pocket in of garment W
padzi P is a cushion/pillow/pad
pafko A digs up B out of/from S
palei P polish/a quantity of polish
paito O is a potato from source S
panba B is a pan/basin/shallow container of/containing P
pandi P is a pound, a monetary measure/worth a pound
pango A panics/is panicked by S
pantu P is a pair of pants/trousers
papre P is a piece/sheet of paper
parti P is a part of W
pasko G is before/earlier than L
paspo O is a passport issued to P by S for travel to B
pasti P is paste/glue/a quantity of paste/glue
pate P is an apparatus for doing D
patpe P is a pot/a deep container
pazda A waits for event/person P before doing D
pelgi P is leather/skin/hide from animal W
peito G is more yellow than L
penbi P is a pen/writing instrument
pendi P hangs from B
penja P is a sponge
penso A thinks about P
penta P is/the point of W
perli O is a pear from source S
permu P is a person
pert P is about/pertains to/concerns B
pesro P is a peso/worth a peso
pesta P is a peseta/worth a peseta
pecsi P pays Q to S for goods/services P
petri P distributes/shares P to/among B
pidri P is a page of document W
pifno G is more frequent than L under conditions C
pikti P is one trillionth/a trillionth part of W
pilno W is a plane surface through points P
pine O is urine from S
pinda P is a pin
pingu P is the penis of W
pinsi P is a pencil, a writing implement
pinti P is paint
pirl P is parallel to P
pisku P is a piece of W
pismi A is at peace with B
plado P is a plow
plata B is a plate of P
pieci A plays with B
pligo O is an apple from source S
plizo A uses means S for end O
pluci A pleases B by being/doing D
pluma P is a feather of W
poldi W is a state/nation/polity of citizens P
ponda A responds with D to stimulus S under conditions C
ponja P is Japanese/of the - language, 'Nippon-jin'
ponji A is a Japanese person, 'Nippon-jin'
ponjo O is Japanese/of the - culture, 'Nippon-jin'
ponsu A owns P under law/custom C
porju P is a pig/a piece of pork
porli A has power over B (to make B do D)
posta A posts mail to B from S by postal system W
posta A opposes B on issue P
prali O is the profit to B from transaction S (or p-b-w)
prano A runs to B from S over path P
prase D is a process/proceeding through stages P (of system W)
prati P is the price of W to B set by vendor A
pran A is back in B
preni B is a prisoner of A for doing/being D
prei A is in back of B
prez P is private to person W
proju S produces O by process D
proza O is prose/a prose work by S
pruci D is a test of/for property/condition P in class W
prusa A approves of plan/action O by agent S
pratu A protests P/against P to S by action D
publi G is more public among people B than L
pubmu P is lead/a quantity of lead, Pb
pusto A pushes P to B from S via D
pudja P is a thumb of W
pudru O is powder from source
pulso A is impelled to D/feels an impulse to do D
pundo P weighs a pound
punio G is purer/more homogeneous/uniform than L
panu B feels pain/is sore in body part P
pureu G is poorer than L in dimension P
purdu P is the/a word for W in language O
purfe P is perfect by standard C
purpu G is more purple than L
radio P is a radio receiver in network W
rande P is round/circular/a disk/circle
ranjo A extends/ranges over region B
ranta G is more rotten than L
rasto P is brass/made of brass
ratru P is a rat
raznu P is a reason for A to do D under circumstances C
redro G is redder than L
renru A throws P to/at B
reftu P is a garment/clothing
resta P is a restaurant of community W
resto A rests/reposes/lies down on B
retea W is different from W in property/properties P
retpi O is a/the answer/reply given by S to question(er) A
revri A dreams P/that P
ridle A reads P from surface/document C
riuli G is more regular/periodic than L
riindi A is an Amerind person
rinje P is a ring/band on/around B
rint P is rhythm of W
rirde O is the record of event/process D on medium B
ringu P is a buttock of W
rismi O is rice from source S
rise A respects P for doing/being D
ritcu P is to the right/right-hand side of B
ritma O is wheat from source S
rodja S grows naturally into O
rodi P is a/the road between places B via route D
rofsu G is rougher/more abrasive than L
rolig P rolls/is a cylinder
romni A is a Roman person
rozme O is a rose from source S
rubli P is a ruble/worth a ruble
rutnu O is a rule prescribing D to A under conditions C
rubli P is a rupee/worth a rupee
russka P is Russian/of the - language, 'Russkii'
ruski A is a Russian person, 'Russkii'
rusko  O is Russian/of the - culture, 'Russki
rutma  D is a/the route to B from S via P
sadji  G is wiser than L about/in matter P
sagro  P is a cigar
sakhi  B is a sack of/containing P
sakta  P is sugar (o is sugar from s)
sald  P is solid below temp. and pressure C
salfa  P is a sail of vessel/boat W
santo  P is the same thing as P
sanca  O is sand from source S (or p-s)
sange  A suggests action D to P
sanla  P is an umbrella
sanpa  O is a sign of S to A disposing/urging behavior D under conditions C
sanse  A senses stimulus P under conditions C
santi  G is quieter than L
sapla  G is simpler than L on parameter/in respect P
sarno  G is more sour than L to A
satci  P is the beginning/origin of process/interval W
satro  A strokes/rubs B with P
seker  A courts/flirts with/behave sexually towards P
sekmi  P is a second/lasts a second
sekre  P is the secretary of B
sekte  P is an insect
self  P is a/the self/self-image of person W
sens  P is the science of/about W
sento  P is holy/sacred to B
setci  W is a set comprising members/elements P
setfa  A sets/places P at/on B
sidzo  O is a seed of S
sigre  P is a cigarette
siltu  A shakes/oscillates at rate Q
simba  P is a lion
simeci  P seems/appears to be O to A under conditions C
sinnai  O is a cinema/movie made by S
sinna  A is certain of the truth of sentence P
sisto  W is a system with function O composed of elements P
sitci  P is a town/city of region/country W
sitfa  P is the site/place/location of A
skaca  P is a/the Scot -tish dialect
skaci  A is a Scot -tish person
skaco  O is Scot -tish culture
skafe  P is a cafe of community W
skafi  P is coffee
skalu  D is a scale for measuring P among W
skaci  P is the skin/rind/outer covering of W
skara  P is a skirt
skati  P is sky/an expense of sky at B
skesa  A kisses B on/at P
skitu  A sits on P
skizo  P is a ski
skori  P is a screw, a threaded device
slanu  G is slower than L by amount Q
slii  G is sweeter than L to A
solop  G is steeper than L by amount Q
sliko  P is the lock of/on W
smeno  O is a quantity of smoke from source/fire S
smike  P is secret/hidden from B by A
smina  P is the mind of W
smupi  G is smoother than L by amount Q
snatu  P is tin/a quantity of tin, Sn
snaku  P is the neck of W
smice  P is a quantity/expanse of snow
smire  G is nearer than L to P by amount Q
sonla  S entails/implies O by rules/logic C
socli  A interacts/interacts socially with A
sotna  P is a sofa
sokcu  O is an oak from source S
solda  P is a soldier of army/nation W
solar  P is solar/pertaining to Earth's sun
soite  P is salt/an amount of salt
sonda  O is a sound emitted/produced by S
sonla  P sleeps/is asleep
sordi  P is a store/reserve/deposit of W
sorgu  P is an ear of W
sorme  O is a sister of P with parents S
spadi  P is a mattress/pallet
spali  P is a side of object W bounded by edges D
spana  P is Spanish/of the - language
spani  A is a Spanish person
spano  O is Spanish/of the - culture
spasi  W is the region/space/volume occupied by P
spebi  O is specific to S in set/among W
speci  P is a species of genus W
speni  A experiences P
spetu  O is a quantity of spit from S
spielu  P is a spirit/ghost of B perceived by A
spopu  A hopes that P will happen
spori  P is a spring/an elastic device
spuro  A is competent in/skilled at doing D under conditions C
sputa  P is a spoon
srisu  A is serious about P
srite  S writes O on surface B (with means P)
stadi  P is the stage/platform of hall/
theatre W
staga P is the stem/stalk/trunk of W
stail A stands in/on B
stana P is a station in transport system W
stari A surprises B by being/doing D
steti O is a sentence/statement about P in language S
stifa G is stiffer than L in direction B
stire P is a stairway/a set of stairs of structure W
stise A stops doing/being D
stolo A stays/remains at/with B
stuei O is a story about P told by S
stude A is a student of D at institution W
stuka W is a stick of/made of P
stull A adjusts P for function O
sucmi A swims to B from S via D
sudna P is sudden/abrupt to A
suki A achieves/succeeds in O by effort S
suiba P is a swelling of/on/in W caused by S
sufa P is sulfur/a quantity of sulfur, S
sufli W is the sum of P and/or plus P
sundi A sends P to recipient B from S via route D
sunho O is a/the son of parents S and S
supna W is a soup/stew of ingredients P
surdi G is south of L
surna A hurts/damages/injures B at/in P
surva A serves B in/by doing D
sutme O is the odor emitted by S
tabko P is tobacco
tekna A attacks P with goal/objective O
takna A talks to/speaks to B about P
talma P is Italian/of the - language
talni A is an Italian person
talmo O is Italian/of the - culture
tarci P is a star of galaxy W
targo A argues with/debates A that/over P
tarle A is tired by effort D
tarmu P is a weapon for use D
tasgu A is disgusted by P
tatuo P is a theatre of community W
tekui A shocks B with/by P
tesil P is a wall of/around W
tecaro P is a car/truck/motor vehicle
tecii O is tea from source S
tecii P is a/the wing of W
tecna P is chain/a length of chain
tecru A penetrates B in direction O
teciti P is the chest/breast of W
tecidi P is a piece of food to A
tecina P is the chin of W
teco P is chocolate/an amount of chocolate
tecni A is an authority in/on/over P
tecura O is a picture of P made by S
tedji A pays attention to P
tekto S is the architect of O
telfi P is a telephone receiver in network W
telvi P is a television receiver in network W
tenari A increases by quantity Q in dimension P during time C
tenba P is a tent, a fabric dwelling of B
tepili P is a church/temple of religion B
terla P is terrestrial, pertaining to Earth
test A is a gonad (testicle or ovary) of W
tetcu A stretches to length Q from length S
tetri P is a weather phenomenon of place/region W
tidjo G is heavier than L by amount Q in gravity-field C
tifra A offers P to B for use D
tigra P is a tiger
tilba P is the tail of W
tinmo P is ink/an amount of ink
tirca P is wire/a length of wire
tisra A selects P from/among set W
titei A eats B
titfa P is a breast/teat of W
tobme P is a table
tocci P is a key to (lock) W
togri A agrees with B about/that P	okna A takes P away from B
tokin O is chalk from source S
tomci P is automatic in function D
tomto O is a tomato from source S
tongu P is the tongue of W
torni P twists/is twisted under load C
tosku P is the skull of W
toce A touches B with body part P
totmu G is thicker than L by amount Q
tovru A is vertically above P in gravity-field C
traci A travels to B from S by route D
trada O is true, as of sentences, by rule/standard C
trail B is a tray of/containing P
trans A turns around axis P
trati A tries to do attain O by effort S	trei W is interesting to A in aspect P
treli P is a rail/railing/bar
treni P is a train of system W
trici P is a tree
trida P is the street of W
trili  A attracts B by being/doing A
trime  P is an implement for doing D
troku  O is a rock/stone from source S
trol  A controls B in performance D
trufa  P is the roof of W
truke  P is a/the structure/load-bearing portion of W
tsani  D is a sneeze
tsero  P is an error of/in W by standard C
tsime  A behaves criminally according to laws O among S
tsodi  A hates P for doing/being D
tsufi  P is enough/sufficient for purpose O
tubli  P is a tube/a length of tubing
tugle  P is a leg of W
tulpi  O is a tulip from source S
turka  A works at/on B with goal O
vaksi  P is a vaccine against disease O in/among B
valda  S develops into/toward O, as of ideas/systems
valna  A is violent in response to P
valpu  P is a wave in medium W
valti  A vaults/jumps over/across P
vamtu  S vomits/throws up O on/in P
vapro  P is a gas/gaseous above temperature and pressure C
vati  P is the value of W to A for use D
vedma  A sells P to B for price Q
vegri  G is greener than L
vendu  P is a poison/toxic to organism A
veslo  B is a vessel of/containing P
vetci  D happens to objects/persons B
vetfa  S invents P for use/function D
vidju  P is a view of W from point C
vidre  O is an idea about P by thinker S
vinjo  P is wine/an amount of wine
virsa  O is verse/a poem by poet S
virta  O is an advertisement of/for P in medium B
visra  P is the gut/viscera of W
vizka  A sees P against background C
vliaci  A washes B in/with P
vliko  P is a lake of/in land mass W
volsi  O is the voice of individual S
volta  P is a volt/has a volt, e.m.f.
valti  A vaults/jumps over/across P
vran  O is the liver of W
vreti  A is vertical in gravity-field C
vrisci  O is a river of land mass W
zakra  A crushes/grind W into powder/particles P
zavlo  G is bad/worse than L for purpose O
zavno  P is an oven
zbuma  W bursts/explodes into fragments P
zinko  P is zinc, Zn
zlupi  P is the lip of W
zvoto  A is outside of/exterior to P
LIST 5. THE TEACHING CORPUS
(LWs listed where 1st used)

A. Imperatives & Responses (18)
(eo ao ai ae ti tu mi no)

A01 Hapci
hapci
Be Happy!

A02 Eo skitu
skitu
Please sit!

A03 Stali eo
stali
Stand up, please!

A04 Hompi ti
hompi ti
Drink this!

A05 Ao kerju tu
kerju tu
I want you to take care of yourself!

A06 Ai mi kerju mi
ai (mi [kerju mi])
Yes, I'll take care of myself.

A07 Eo helba mi
helba (mi)
Please help me!

A08 Ao no mi helba tu
helba tu
no (mi [helba tu])
I don't want to help you.

A09 No takna
no takna
Don't talk!

A10 Ae no takna mi
(no takna mi)
I wish you wouldn't talk to me.

A11 Eo no godsi
godsi
Please don't go!

A12 No totoe mi
(noto mi)
Don't touch me!

A13 No mi totoe tu
(no mi [totoe tu])
I'm not touching you.

A14 Ae no mi puneko tu
puneko tu
I hope I'm not hurting you.

A15 Eo no nordri mi
nordri mi
(no [nordri mi])
Please don't forget me!

A16 No eo nordri mi
nordri mi
(no [nordri mi])
Don't please, forget me!

A17 No nordri eo mi
nordri mi
(no [nordri eo])
Don't forget please, me!

A18 No nordri mi
nordri mi
(no [nordri])
Don't forget me, please!

B. Address & Response; Offers & Replies (20)
(loi loa sia siu ea oi mu)

B01 Djim
djim
Jim.

B02 Loi
lo
Hello!

B03 Eo nenkaa
nenkaa
Please enter.

B04 Sia ai
sia
Thanks, I will.

B05 Loi, Fred
lo Fred
Hello, Fred.
B06  Djin, loi
     djin loi
     Jean, hello!
     
B07  Sia, Ted
     sia ted
     Thanks, Ted.
     
B08  Oi resto
     oI resto
     You may lie down.
     
B09  Sia ao no
     (sia ao) no
     Thanks, I don’t want to.
     
B10  Oi titci ti
     oI (titci ti)
     You may eat this.
     
B11  Sia ao
     sia ao
     Thanks, I want to.
     
B12  Siu, Selis
     siu selis
     You’re welcome, Sally.
     
B13  Sia ae no
     (sia ae) no
     Thanks, I hope not to. (I’d rather not.)
     
B14  Ea mu gotso
     ea (mu gotso)
     Let’s go. (I suggest we go.)
     
B15  Ao
     ao
     I want to. (OK./Alright./etc.)
     
B16  Eo mi titci ti
     eo (mi [titci ti])
     Please, I eat this? (May I eat this?)
     
B17  Oi
     oI
     You may. (OK./Alright./etc.)
     
B18  Eo no mi titci ti
     eo (no [mi (titci ti)])
     Please, I not eat this?
     
B19  Oi no
     oI no
     You may not. (It’s ok if you don’t.)
     
B20  Loa, Teet
     loa teet
     Goodbye, Chet.
     
C. Addressing vs. Naming (23)
   (la ta e hoi)
   
C01  Djan, santi
    djan santi
    John, be quiet!
    
C02  La Djan, santi
    (la djan) santi
    John is quiet.
    
C03  Prano, Mel
    prano mel
    Run, Mel!
    
C04  Prano la Mel
    prano (la mel)
    Run to Mel!
    
C05  Prano ta, Mel
    prano (ta mel)
    Run to that, Mel!
    
C06  Prano ta, Mel, e ti, Pol
    prano ([ta mel] e [ti pol])
    Run to that, Mel, and to this, Paul!
    
C07  Keit, skesa mi
    keit (skesa mi)
    Kate, kiss me!
    
C08  Skesa, Keit, mi
    (skesa keit) – mi
    Kiss, Kate, me!
    
C09  Skesa mi, Keit
    skesa (mi keit)
    Kiss me, Kate!
    
C10  Skesa mi, Hoi Keit
skesa (mi [hōi keit])
Kiss me, O Kate!

C11 Skesa la Bab, Hoi Keit
skesa (la [bab (hōi keit)])
Kiss Bob, O Kate!

C12 Skesa la Bab Keit
skesa (la [bab keit])
Kiss Bob Kate (a person by the name of 'Bob Kate').

C13 Karl, kukra la Dik
karl (kukra [la dik])
Carl, be faster than Dick.

C14 La Karl, kukra la Dik
(la karl) (kukra [la dik])
Carl is faster than Dick.

C15 La Stivn, sunho, Ruf
(la stivn) (sunho ruf)
Steven is a son, Ruth.

C16 La Stivn, sunho la Ruf
(la stivn) (sunho [la ruf])
Steven is a son of Ruth.

C17 La An, takna la Riterd, mi
(la an) (takna [(la riterd) mi])
Anne talks to Richard about me.

C18 An, takna la Riterd, mi
(an [takna [(la riterd) mi]])
Ann, talk to Richard about me.

C19 La Djeik, farfu, Djan, mi la Suzn
(la djeik) ([farfu djan] [mi (la suzn)])
Jake is the father, John, of me through Susan.

C20 La Djeik, farfu la Djan, mi, Suzn
(la djeik) (farfu [(la djan) (mi suzn)])
Jake is the father of John by me, Susan.

C21 Mel, prano la Djan Pol Djonz mel
(prano [la (djanz pol) djonz mel])
Mel, run to John Paul Jones!

C22 Prano la Djan Pol Djonz Mel
prano (la [(djanz pol) djonz mel])
Run to John Paul Jones Mel!

C23 Prano la Djan Pol Djonz, Hoi Mel
prano (la [(djanz pol) (djonz <hoi mel>)]
Run to John Paul Jones, O Mel!

D. Descriptions (11)
(le ne su gu)

D01 Bleka le nirda
bleka (le nirda)
Look at the bird!

D02 Eo penso le nable
eo (penso [le nable])
Please think about the problem.

D03 Eo penso ne nable
eo (penso [ne nable])
Please think about one problem (i.e., exactly one problem).

D04 Eo penso su nable
eo (penso [su nable])
Please think about a problem (i.e., at least one problem).

D05 Ai mi ekano le bunbo
ai (mi [ekano (le bunbo)])
I will be kind to the fool.

D06 Mi driki le purda
mi (driki [le purda])
I remember the word.

D07 La Celdn, godzi le sitci
(la celdn) (godzi [le sitci])
Sheldon goes to the city.

D08 Le rodlu ga gudbi le fitrúa
(le rodlu) (ga [gudbi (le fitrúa)])
The road is better than the path.

D09 Le ditaa ga fundi mi le groda
(le ditaa) (ga [fundi (mi [le groda)])
The teacher likes me better than (he does) the big one.
D10 Le troli ga plizo la Frenk, ne mipli (le troli) (ga [plizo (<la frenk> <ne mipli>)]))
The controller uses Frank as one example.

D11 Le tcaro ga djipo le ponsu le kolro (le tcaro) (ga [djipo (<le ponsu> <le kolro>)]))
The car is important to the owner for the color.

E. Questions with he; Demonstratives & Plurals; Replacement with da (18)
(he da na ri ro levi leva)

E01 Tu he tu he
You're what? (How are you?)

E02 Mi djela mi djela
I'm well.

E03 Ta he ta he
That's what? (What's that?)

E04 Da muzgi da muzgi
It's music.

E05 Le cersi ga he (le cersi) (ga he)
The chair is what? (How's the chair?)

E06 Da komfu da komfu
It's comfortable.

E07 Da he komfu da (he komfu)
It's how comfortable? (How comfortable is it?)

E08 Da nurmue komfu da (nurmue komfu)
It's moderately comfortable.

E09 Le nurtei he
le (nurtei he)
The edible what?

E10 Le nurtei herba le (nurtei herba)
The edible plant.

E11 Le botei ga he suemi (le botei) (ga [he suemi])
The boy is what kind of swimmer?

E12 Le botei ga tarle suemi (le botei) (ga [tarle suemi])
The boy is a tired swimmer.

E13 Leva he tcaro leva (he tcaro)
That what-kind-of car?

E14 Leva tcaro he leva (tcaro he)
That car-type-of what?

E15 Levi ri herba ga he (levi ri herba) (ga he)
These few plants are what?

E16 Da vendu da vendu
They're poisonous.

E17 Leva ro junti na he (leva ro junti) (na he)
Those many young ones are now (doing/being) what?

E18 Da na takna da (na takna)
They're now talking.

F. Identity Questions & Sentences; Replacement with de & dui (25)
(ie bi hu i de dui)

F01 Da mrenu da mrenu
He's a man.

F02 Ie da Ie da
Which he?
F03 La Bab
la bab
Bob.

F04 Ie la Bab
ie (la bab)
Which Bob?

F05 La Bab, bi le hapei
(la bab) (bi [le hapei])
Bob is the happy one.

F06 Da hapei hu
da (hapei hu)
He's happy about what?

F07 Le ckela
le ckela
The school.

F08 Ie le ckela
ie (le ckela)
What school? (Which "the school"?)

F09 Le cninu ckela
le (cninu ckela)
The new school.

F10 Ta bi le cninu ckela
ta (bi [le (cninu ckela)])
That is the new school.

F11 La Selis, cluva
(la selis) cluva
Sally loves. (Sally is in love.)

F12 Da cluva hu
da (cluva hu)
She loves whom?

F13 Da cluva la Pit
da (cluva [la pit])
She loves Pete.

F14 I de cluva hu
i (de [cluva hu])
And he loves whom?

F15 La Alis
la alis
Alice.

F16 Ie la Alis
ie (la alis)
Which Alice?

F17 La Muhamed Alis
la (muhamed alis)
Muhamed Ali.

F18 Da godzi la Italias
da (godzi [la italias])
He goes to Italy.

F19 Da godzi de hu
da (godzi [de hu])
He goes to it from what? (He goes there from where?)

F20 Da godzi de la Danmark
da (godzi [de (la danmark)])
He goes to it from Denmark. (He goes there from Denmark.)

F21 Hu matma leva botci
hu (matma [leva botci])
Who is the mother of that boy?

F22 Ti dui
ti dui
This (person) is.

F23 Mi gudbi tu
mi (gudbi tu)
I'm better than you.

F24 Tu gudbi mi hu
tu (gudbi [mi hu])
You're better than me at/for what?

F25 Mi gudbi tu ti
mi (gudbi [tu ti])
I'm better than you are at/for this.

G. Yes/No Questions & Answers;
Utterance Demonstratives (12)
(ei ia toi toa)

G01 Ei ti breba
ei (ti breba)
Is this bread?

G02 Ia da breba
ia (da breba)
Yes, it's bread.

G03  Ei ti ckela
ei (ti ckela)
Is this a school?

G04  No. I da hasfa
no . i (da hasfa)
No; it's a house.

G05  Ei ta hasfa
ei (ta hasfa)
is that a house?

G06  Ia no. I da vemsia
ia no . i (da vemsia)
certainly not; it's a store.

G07  Ei tu cidja
ei (tu cidja)
Are you awake?

G08  No. I mi sonli
no . i (mi sonli)
No; I'm asleep.

G09  Ei tu cluva mi
ei (tu [cluva mi])
do you love me?

G10  Ia mi cluva tu
ia (mi [cluva tu])
Yes, I love you.

G11  Ei toi tradu
ei (toi tradu)
is that true? (Toi refers to the
last remark.)

G12  Ei toa logla
ei (toa logla)
Was that Loglan? (Toa refers to
an earlier remark.)

H01  Ei tu na bleka mi
ei (tu [na (bleka mi)])
Are you now looking at me?

H02  No. Ipou mi fa bleka tu
no . ipou (mi [fa (bleka tu)])
No. I will look at you.

H03  Ei tu pa tidjo mi
ei (tu [pa (tidjo mi)])
Were you heavier than me?

H04  Ia mi pa mutce tidjo tu
ia (mi [pa (<mutce tidjo> tu)])
Yes, I was much heavier than you.

H05  Eo tu fa helba mi
eo (tu [fa (helba mi)])
Please, will you (later) help me?

H06  Ai mi fa helba tu
ai (mi [fa (helba tu)])
Yes, I will (later) help you. (Both
senses of 'will' are involved.)

H07  Mi groda tu
mi (groda tu)
I'm bigger than you.

H08  Tu nahu groda mi
(tu nahu) (groda mi)
you as of when are, were, or will
be, bigger than me?

H09  Mi groda tu fa ti
mi (groda [tu (fa ti)])
I will be bigger than you hereafter
(after this).

H10  Mi penso toi fa
mi (penso [toi fa])
I will think about that later.

H11  Na gi mi penso da
(na gi) (mi [penso da])
now I'm thinking about it.

H12  Na mi, penso da
(na mi) (penso da)
at me, think about it. (When I do,
think about it.)

H13  Na mi penso da
(na mi) (penso da)
At me, think about it. (When I do, think about it.)

H14 Na gi la Djian, totco tu
(na gi) ([la djian] [totco tu])
Now John is touching you.

H15 Na la Djian, totco tu
(na [la djian]) (totco tu)
When John (does), touch yourself.

H16 Mi na totco tu
mi (na [totco tu])
I'm now touching you.

H17 Mi ji na, totco tu
(mi [ji na]) (totco tu)
I, as of now, touch you. (I.e., the present--I touches you.)

H18 Mi na fundi tu ji pa
mi (na [fundi (tu <ji pa>)]
I now like you as you were before.

H19 Mi no fundi tu pa
mi ([no fundi] [tu pa])
I didn't like you then.

H20 Ei tu na saadja toi
ei (tu [na (saadja toi)])
Do you now understand this?

H21 Ia mi dui
ia (mi dui)
Yes I do.

H22 No mi dui
no (mi dui)
No I don't.

I. Time Phrases (21)
(pahu fahu fazi pazu tiu)

101 Ai mi ditca
ai (mi ditca)
I intend to teach. (I'm going to teach.)

102 Nahu
nahu
At what time/date/period?

103 Fa la Netomen
fa (la netomen)
After December.

104 Pa la Torin
pa (la torin)
Before the Second.

105 Na le monza
na (le monza)
In the morning.

106 Pahu
pahu
Before when?

107 Pa le natli
pa (le natli)
Before (the) night.

108 Pahu
fahu
After when?

109 Pa le cimra
fa (le cimra)
After the summer.

110 Fazi
fazi
Right away.

111 Pa la Nevesonin
fa (la nevesonin)
After 1960.

112 Na tiu gi mi pa clafo
([na tiu] gi) (mi [pa clafo])
At that (reported event), I laughed.

113 Fa ta gi ti rodja
([fa ta] gi) (ti rodja)
After that, this (will) grow.

114 Fa ta, rodja
(fa ta) rodja
After that, grow!

115 Fa gi ti rodja
(fa gi) (ti rodja)
Later this (will) grow.
I16 Ti fa rodja
  ti (fa rodja)
This will grow.

I17 Mi kicmu pazu tu
  mi (kicmu [pazu tu])
I was a doctor long before you
  (were).

I18 Ai mi fa traci na la Nenimen
  ai (mi [fa (traci <na (la
  nenimen)>)]))
I intend to travel in October.

I19 Na la nenimen gi mi fa traci la
  Frans
  ([na (la nenimen)] gi) (mi [fa
  (traci <la frans>)]))
In October I will travel to France.

I20 Mi fa traci da pa la Netomen
  mi (fa [traci (da <pa (la
  netomen)>)])
I will travel to it before December.

I21 Mi fa traci pa la Netomen da
  mi (fa [traci (<pa (la netomen)>>
  da)])
I will travel before December to it.

J. Space Questions & Answers;
Space Phrases (17)
(vi va vu vihu vahu vuhu)

J01 La Djan, titci vi
  (la djan) (titci vi)
John eats here.

J02 Ei tu stolo vi
  ei (tu [stolo vi])
Do you stay here?

J03 No. I mi stolo va
  no . i (mi [stolo va])
No; I stay there.

J04 Ei tu stude vi
  ei (tu [stude vi])
Are you a student here?

J05 No. I mi stude vu
  no . i (mi [stude vu])
No; I am a student far away.

J06 Ei tu ji vi, stude
  ei ([tu (ji vi)] stude)
Are you, as are here, a student?
  (i.e., the part of you that is
  here?)

J07 Vi hu tu sonii
  vihu (tu sonil)
Where do you sleep?

J08 Va tu
  va tu
Near you.

J09 Vi le hasfa
  vi (le hasfa)
In the house.

J10 Vahu
  vahu
Near where?

J11 Va la Rain
  va (la rain)
Near the Rhine.

J12 Vuhu
  vuhu
Far from where?

J13 Vu le mursi
  vu (le mursi)
Far from the sea.

J14 Vi la Ditroit, gi da pa malbi
  ([vi (la ditroit)] gi) (da [pa
  malbi])
In Detroit he was sick.

J15 Da fa zbuma va le vrici
  da (fa [zbuma (va <le vrici>)]))
It will explode near the river.

J16 Da na genbalci de vu le monc
  da (na [genbalci (de <vu (le
  monc)>)])
He's now rebuilding it far from the mountain.
J17 Da na genbaci de ji vu le monca
da (na [genbaci (de <ji (vu [le
monca]))]))
He's now rebuilding the one (that
is) far from the mountain.

K. Existentials & Universals;
Completion (34)
(ba be bo bu raba rabe rabo nibe
ifeu inusoa vina uu)

K01 Ba najda
ba najda
Something is a knife. (There are
knives.)

K02 Ei ba smano
ei (ba smano)
Is something smoke? (Is there
smoke?)

K03 Ia ba smano
ia (ba smano)
Yes, something is smoke. (Yes,
there is smoke.)

K04 Ei ba breba
ei (ba breba)
Is something bread? (Is there any
bread?)

K05 Ia. I ba breba vi
ia . i (ba [breba vi])
Yes; something is bread here.
(There's bread here.)

K06 Ei ba bukeu vi
ei (ba [bukeu vi])
Is something a book here? (Are
there any books here?)

K07 Uu no ba bukeu vi
uu (no [ba (bukeu vi)])
Sorry, nothing is a book here.
(There are no books here.)

K08 No ba cutri vina
no (ba [cutri vina])
Nothing is water here now. (There
is no water here now.)

K09 Vihu ba najda
vihu (ba najda)
Where is something a knife?
(Where are there knives?)

K10 Ba najda vi levi drara
ba (najda [vi (levi drara)])
Something is a knife in this drawer.
(There are knives in this drawer.)

K11 Nahu ba nilboi
nahu (ba nilboi)
When is something a child? (When
were there/will there be
children?)

K12 Ba nilboi na la Nevevonin
ba (nilboi [na (la nevevonin)])
There are children in 1980. (There
were/will be children in 1980.)

K13 Ei raba cninu
ei ([ra-ba] cninu)
Is everything new?

K14 No. I ba no cninu
no . i (ba [no cninu])
No; something is not new. (No;
some things are not new.)

K15 Ei raba cluva rabe
ei ([ra ba] [cluva (ra be)])
Does everybody love everybody
else?

K16 No. I ba no cluva rabe
no . i (ba ([no cluva] (ra be)))
No; there are some who don't love
everyone else.

K17 Iseu ba no cluva be
ifeu (ba [(no cluva) be])
In fact, there are some who don't
love anyone else.

K18 Ei raba kunci be
ei ([ra ba] [kunci be])
Is everyone related to someone
else?

K19 No. I ba kunci nibe
no . i (ba [kunci (ni be)])
No; some are related to no one else (to zero somethings).

K20 Raba gudbi be bo (ra ba) (gudbi [be bo])
Everyone is better than someone at/for something.

K21 Ba paslankui rabe bo ba (paslankui [(ra be) bo])
Someone is an ancestor of everyone through someone.

K22 Ba vegri be rabo ba (vegri [be (ra bo)])
Something is greener than something else to everyone.

K23 La Djan, godzi la Frans (la djan) (godzi [la frans])
John goes to France.

K24 Inusoa de godzi da ba inusoa (de [godzi (da ba)])
Therefore he goes there from somewhere.

K25 Ti groda ti groda
This is big.

K26 Inusoa da groda ba be inusoa (da [groda (ba be)])
Therefore it's bigger than something by some amount.

K27 Ti bitsa ti bitsa
This is in between.

K28 Inusoa da bitsa ba be inusoa (da [bitsa (ba be)])
Therefore it's between something and something else.

K29 Ti vedma ti vedma
This (person) is a seller.

K30 Inusoa da vedma ba be bo inusoa (da [vedma (ba be) bo])
Therefore he sells something to someone at some price.

K31 Ti racketpi
ti racketpi
This is a travel-ticket.

K32 Inusoa da ketpi ba be bo bu inusoa (da [ketpi (ba be) bo bu])
Therefore it is a ticket to somewhere from somewhere on some carrier for some price.

K33 Mi no vizka mi (no vizka)
I do not (i.e., cannot) see.

K34 Inusoa mi no vizka raba rabe inusoa (mi ([no vizka] [ra ba] [ra be]))
Therefore I do not see anything against any background.

L. Predicate Strings; Grouping,
Hyphenation, Connection & Inversion (22)
(ge go ci ce ke ki)

L01 La Frans, grada gunti (la frans) (grada gunti)
France is a great country.

L02 Da he grada gunti da ([he grada] gunti)
It's how great a country? (i.e.,
what kind or degree of greatness is involved?)

L03 Da bilca grada gunti da ([bilca grada] gunti)
It's a militarily great country.

L04 La Spat, simba janto kangu (la spat) ([simba janto] kangu)
Spot is a lion-hunting dog.

L05 Da he simba janto kangu da ([he simba] janto] kangu)
He's a what-kind-of-lion hunting
dog? (Used for what kind of
lions?)
L06 Da frika simba janto kangu
da ([[frika simba] janto] kangu)
He's an African-lion-hunting dog.

L07 Da emalo ge janto kangu
da (emalo [ge (janto kangu)])
He's small for a hunting dog.

L08 Da emalo janto ci kangu
da (emalo [janto ci kangu])
He's a small hunting-dog.

L09 La Mbelis, dorja cefli
(la mbelis) (dorja cefli)
Mbeli is a war chief.

L10 Da he dorja cefli
da ([he dorja] cefli)
He's what-kind-of-war chief? (A
chief for what kind of wars?)

L11 Da he ge dorja cefli
da (he [ge (dorja cefli)])
He's what kind of a war-chief?
(What's he like as a war-chief?)

L12 Da ekano ge dorja cefli
da (ekano [ge (dorja cefli)])
He's kind for a war-chief.

L13 Da junti ge terla famva bilra
da (junti [ge (<terla famva>
bilra)])
He's young for a world-famous
billiard-player.

L14 Da kusti ge slano torkrilu ci dampa
da (kusti [ge (slano <torkrilu ci
dampa>)]
It's expensive for a slow bicycle-
pump. (I.e., a slow-acting pump.)

L15 Da junti famva ce terla ci sadji
da (junti [famva ce (terla ci
sadji)])
He's young to be famous and
worldly-wise.

L16 Da junti ke famva ki terla ci sadji
da (junti [ke famva ki (terla ci
sadji)])
He's young to be both famous and
worldly-wise.

L17 Da junti ce terla ci famva sadji
da ([[junti ce (terla ci famva)]
sadji)
He's a young (and) world-famous
sage.

L18 Da kubra kanpi ci tearo rodlu
da ([kubra (kanpi ci tearo)] rodlu)
It's a wide race-car road. (I.e., a
road for wide race-cars.)

L19 La Djan, prano go kukra la Djek
(la djan) ([prano go kukra] [la
djek])
John runs faster than Jack.

L20 Da botsu go vedji groda
da (botsu go [vedji groda])
It's a boat that is very large.

L21 Da slano takna go staryfoa
da ([[slano takna] go staryfoa]
He's a slow talker who is full of
surprises.

L22 Da ge slano takna go staryfoa
da ([ge (slano takna)] go staryfoa)
He's, for a slow talker, full of
surprises.

M. More Connections & Groupings in
Predicate Strings (26)
(gue cui canoi ka kanoi)

M01 Da bilti emalo ce nirli
da (bilti [emalo ce nirli])
She's (a) beautifully small (thing)
and a beautiful girl.

M02 Da bilti ke emalo ki nirli
da (bilti [ke emalo ki nirli])
She's beautifully both small and a
girl.

M03 Da bilti ge emalo nirli gue ekela
da ( [[bilti (ge <emalo nirli> gue)]
ekela)
It's a beautiful small-girls' school.
M04 Da bilti cmalo ge nirli ckela
da (bilti cmalo) [ge (nirli ckela)]
It's beautifully small for a girls' school.

M05 Da bilti cmalo nirli ci ckela
da (bilti cmalo) [nirli ci ckela]?
It's a beautifully small girls-school.

M06 Da bilti ge cmalo ge nirli ckela
da (bilti [ge (cmalo <ge (nirli ckela)>)])
It's beautiful for a small type of girls' school, i.e., for a girls' school which is small.

M07 Da bilti cmalo ci nirli ci ckela
da (bilti [cmalo ci (nirli ci ckela)])
It's a beautiful small-girls-school.

M08 Da bilti ce cmalo nirli ckela
da (bilti ce cmalo) nirli] ckela)
Its a beautiful-and-small girls' school, i.e., for girls who are both beautiful and small.

M09 Da bilti cmalo ca nirli ckela
da (bilti (cmalo ca nirli)) ckela)
It's a beautiful small and/or a (beautiful) girls', school.

M10 Da bilti ka cmalo ki nirli ckela
da (bilti (ka cmalo ki nirli)] ckela)
It's a beautifully either small and/or a girls', school.

M11 Da bilti cmalo nirli ce ckela
da (bilti cmalo) [nirli ce ckela])
It's a beautifully small girl-and-school, i.e., it's both a beautifully small girl and a beautifully small school (!).

M12 Da bilti ge cmalo ce nirli ckela
da (bilti [ge (cmalo ce nirli> ckela)])
It's beautiful for a small, and for a girls', school, i.e., for a school which is small and for girls.

M13 Da bilti ge cmalo nirli ce ckela
da (bilti [ge (cmalo <nirli ce

ckela>)]))
It's beautiful for a small girl and for a small school.

M14 Da cui bilti cmalo ce nirli ckela
da ([cui (bilti cmalo) ce nirli] ckela)
It's a beautifully small, and a girls', school.

M15 Da bilti ci cmalo ce nirli ckela
da ([bilti ci cmalo] ce nirli] ckela)
It's a beautifully-small and a girls' school.

M16 Da bilti canoi cmalo ci nirli ckela
da ([bilti canoi (cmalo ci nirli)]
ckela)
It's a beautiful if for small-girls school.

M17 Da bilti ce cmalo ge nirli ckela
da ([bilti ce cmalo] [ge (nirli ckela)])
It's beautiful and small for a girls' school.

M18 Da bilti ce cmalo nirli ci ckela
da ([bilti ce cmalo) [nirli ci ckela])
It's a beautiful, and a small, girls-school.

M19 Da bilti cui cmalo nirli ce ckela
da (bilti [cui (cmalo nirli) ce
ckela])
It's a beautiful small-girl and (a beautiful) school.

M20 Da bilti cmalo ci nirli ce ckela
da (bilti [(cmalo ci nirli] ce ckela])
It's a beautiful small-girl and school.

M21 Da bilti cmalo ce ge nirli ckela
da (bilti [cmalo ce (ge <nirli
ckela>)])
It's (a) beautifully small (thing) and (beautiful for a) girls' school.

M22 Da bilti ce cmalo ca nirli ckela
da ([bilti ce cmalo) ca nirli]
ckela).
It's a beautiful and a small, or it's a girls', school.

M23 Da bilti ce kanoi cmalo ki nirli ckelaka
da ([(bilti ce (kanoi cmalo ki nirli)] ckelaka)
It's a beautiful, and, if a small then a girls', school.

M24 Da bilti ce cmalo nirli ce ckelaka
da ([(bilti ce cmalo] [nirli ce ckelaka])
It's a beautiful-and-small girl-and-school.

M25 Da bilti cmalo ce nirli ca nirli
da (bilti [(cmalo ce nirli) ca nirli])
It's a beautifully small thing and a beautiful girl, or it's a beautiful school.

M26 Da bilti cmalo ce ka nirli ki ckelaka
da (bilti [cmalo ce (ka nirli ki ckelaka)])
It's a beautifully small thing, and either a (beautiful) girl or a (beautiful) school.

N. Event/State Predicates; Other Abstractions (16)
(po pu zo di)

N01 Da zbuma
da zbuma
It explodes (is an explosive).

N02 Da po zbuma
da (po zbuma)
It's an explosion (an event of exploding).

N03 Da pa ciado po zbuma
da (pa [ciado (po zbuma)])
It was a loud explosion.

N04 Da po mrenu
da (po mrenu)
It's a manhood (a state of being a man).

N05 Da pa corta po mrenu
da (pa [corta (po mrenu)])
It was a short manhood.

N06 Da pa corta po mrenu buku
da (pa [(corta <po mrenu>) buku])
It was a short-manhood book. (A book about short manhoods?)

N07 Da pa corta ge po mrenu buku
da (pa [corta (ge <(po mrenu) buku>)]))
It was short for a manhood book.

N08 Da po ge corta mrenu
da (po [ge (corta mrenu)])
It's an event, state, or case of being a short man.

N09 Da po, corta mrenu
da (po [corta mrenu])
It's a case of being a short man.

N10 Da pa mutce po ge corta mrenu
da (pa [mutce (po <ge (corta mrenu)>)])
It was an extreme case of being a short man.

N11 Da po mi corta la Djan
da (po [mi (corta <la djan>)]))
It's a case of my being shorter than John.

N12 Da po la Pit, mutce corta la Djan
da (po [(la pit) (mutce corta > <la djan>)]))
It's a case of Pete's being much shorter than John.

N13 Da pu de fotli di
da (pu [de (fotli di)])
X is a (the) property of Y being stronger than W.

N14 Da pu de fotli
da (pu [de fotli])
X is an instance of Y's strength.

N15 Da zo de blanu di
da (zo [de (blanu di)])
X is an (the) amount by which Y is
bluer than W.

N16 Da zo de blanu
da (zo [de blanu])
X is an (the) amount of blue in Y.

O. Mass & Event Descriptions; Mass
Event Descriptions (27)
(lo lovi lepo lopo)

O01 Ei da fundi lo malna
ei (da [fundi (lo malna)])
Is he fond of milk? (Does he like milk?)

O02 Ei tu pa titci lo nikri
ei (tu [pa (titci <lo nikri>)])
Did you eat cheese?

O03 Ei tu fa janto lo simba
ei (tu [fa (janto <lo simba>)]
Will you (be) hunt(ing) lions? (Are you going to hunt lions?)

O04 Ia mi fa janto da
ia (mi [fa (janto da)])
Yes, I'll (be) hunt(ing) them. (Yes, I'm going to hunt them.)

O05 Ei lo nirda vi sucmi
ei ([lo nirda] [vi sucmi])
Do birds here—swim? (i.e., swim here, in this place?)

O06 Ei lo nirda vi, sucmi
ei ([lo nirda] vi [sucmi])
Do birds here swim? (More global; does the event of birds swimming take place here?)

O07 Ei lo nirda ji vi, sucmi
ei ([lo nirda] ji [sucmi])
Do (the) birds here swim? (i.e., the local birds?)

O08 Ei lovi nirda ga sucmi
ei ([lovi nirda] [ga sucmi])
Do local birds (here—birds) swim?

O09 No. I da fleti
no . i (da fleti)

O10 Leva sonda ga he
(leva sonda) (ga he)
That sound was what?

O11 Lopo zbuma
lopo zbuma
Explosion(s).

O12 Ei tu pa hirti lepo zbuma
ei (tu [pa (hirti <lopo zbuma>)]
Did you hear the explosion?

O13 Ia mi pa hirti da. I lopo zbuma ga
clado
ia (mi [pa (hirti da)]) . i ([lopo
zbuma] [ga clado])
Yes, I heard it. Explosions are loud.

O14 Ei tu pa hirti le clado po zbuma
ei (tu [pa (hirti <le clado [po
zbuma]>)])
Did you hear the loud explosion?

O15 Ei tu hirti lo clado po zbuma
ei (tu [hirti (lo <clado [po
zbuma]>)])
Do you hear loud explosions?

O16 Ei tu fundi lopo sucmi
ei (tu [fundi (lo sucmi)])
Do you like swimming?

O17 Ei lepo prano pa nardu
ei ([lepo prano] [pa nardu])
Was the run difficult?

O18 Ei lopo nilboi ga treci
ei ([lopo nilboi] [ga treci])
Is childhood interesting?

O19 Ei lopo mormao lo simba ga nardu
ei ([lopo (mormao <lo simba>)] [ga
nardu])
Is killing lions difficult?

O20 Lo fieli ga spalli lo mursi
(lo fieli) (ga [spalli (lo mursi)])
Fish live in the sea.
O21 Lo tongu ga trime lopo takna
(lo tongu) (ga [trime (lopo takna)])
The tongue is the tool of speech.

O22 Lo teina ga hasfa lo tongu
(lo teina) (ga [hasfa (lo tongu)])
The chin is the house of the tongue.

O23 Lopo takna ga proju lo sonda
(lopo takna) (ga [proju (lo sonda)])
Speech produces sound.

O24 Lopo dirlu ga okozu lopo kecri
(lopo dirlu) (ga [okozu (lopo kecri)])
Loss is a cause of sadness.

O25 Lepo kanpi suemi pa valna
(lopo kanpi suemi) (pa valna)
The swimming—event (event of competitive swimming) was violent.

O26 Le, po kanpi suemi valna
(le [[po kanpi] suemi]) (pa valna)
The competition swimmer was violent.

O27 Lo, po kanpi suemi ga valna
(lo [[po kanpi] suemi]) (ga valna)
Competitors swimmers are violent.

P. Specified & Nested Event Descriptions (22)
(No new LWs.)

P01 Ei tu djano lepo mi stude
(ei tu [djano (lepo mi stude)])
Do you know that I am a student?

P02 Tu danza lepo jmite hu
(tu [danza (lepo jmite hu)])
You want to meet whom?

P03 Le nirli pa takna mi lopo da traci
(le nirli) (pa [takna (mi lopo da traci)])
The girl talked to me about her travels.

P04 Le farfu pa takna le detra lepo de
nu fatru
(le farfu) (pa [takna (le detra)
lepo (de [nu fatru])])
The father talked to the daughter about his being troubled.

P05 Ei tu danza lepo mi tcihea tu
ei (tu [danza (lepo mi (tcihea
tu)])
Do you want me to feed you? (i.e.,
help you eat?)

P06 Mi krido lepo la Paris, garsitci la
Frans
mi (krido [lepo (la paris) garsitci
(la frans)])
I believe that Paris is the capital
of France.

P07 Mi djacue lepo la Marz, redro levi
carta
mi (djacue [lepo (la marz) redro
(levi carta)])
I claim that Mars is redder than
this shirt.

P08 Le stude pa djadou le surva lepo da
pluc de
(le stude) (pa [djadou (le surva
lepo (da [pluc de])])
The student informed the servant
that he/she (the servant) pleased
him/her (the student).

P09 La Rupt, djacue lepo la Denver,
bitsa le vrci lepo kamda
(la rupt) (djacue [lepo (la Denver
bitsa [le vrci] lepo kamda)])
Rupert claims that Denver is
between the river and the
fighting.

P10 La Dag, furmoi lepo trati lepo skesa
la Meris
(la dag) (furmoi [lepo trati lepo
(skesa [la meris])])
Doug intends to try to kiss Mary.

P11 Ei la Degol, pa krido lepo kanmo
lepo rinam dou la Frans
ei ([la degol] [pa (krido lepo
(kanmo [lepo {rilnamdou <la frans>>}]>)
Did de Gaulle believe that (he) could glorify France?

P12 Lepo le mrenu pa trati ga fekto
(lepo [{le mrenu} (pa trati)]) (ga fekto)
That the man tried is a fact.

P13 Lepo le botci pa fundi lopo suemi
ga gudcaei
(lepo [{le botci} (pa <fundi (lopo suemi)>)]) (ga gudcaei)
That the boy was fond of swimming is lucky.

P14 Lepo lepo le matma pa kamla pa
tradu pa fatru
(lepo [{le matma (pa kamla)}> (pa tradu)])) (pa fatru)
The fact that the mother came was true was troubling.

P15 Mi pa viadj lepo lepo prano pa
kukra
mi (pa [viadj (lepo (lepo prano)
(pa kukra)])])
I observed (saw—knew) that the running was fast.

P16 Mi jupni lepo lepo mi danza lepo
helba la Meris, pa gudcaei
mi (jupni [lepo (lepo (mi [danza
(lepo [helba (la meris)])]> (pa gudcaei)]))
I think that my desire to help Mary was fortunate.

P17 Mi penso lopo firpa lopo crina
mi (penso [lopo (firpa [lopo
crina)])]
I think about fear of (the) rain.

P18 Mi pa rulkao lepo santi gu, lepo
helba la Bab
mi (pa [rulkao ([lepo (santi gu)]
<lepo [helba [la bab]])]])
I was obliged to be silent in order to help Bob.

P19 Lo nimla ga enida lopo cluva gu,
lopo olivi
(lo nimla) (ga [enida (<lopo (cluva
gu)> <lopo olivi>)]))
Animals need to love in order to live.

P20 Lo humni ga enida lopo nu cluva gu,
lopo hapei olivi
(lo humni) (ga [enida (<lopo [{nu
cluva]} gu]> <lopo (hapei
olivi)>)])
Humans need love (i.e., to be loved)
in order to live happily.

P21 Da pa djano lepo fa crina gu, pa
lepo le neri drida fa felda
da (pa [djano (<lepo [fa [crina
gu]])> <pa (lepo [{le <neri
drida}> (fa felda)])>])
He knew it was going to rain before
the first drops fell.

P22 Da pa djano lepo fa niofeu pa lepo
le neri clífe fa felda
da (pa [djano (lepo <fa (niofeu [pa
lepo [{le [neri clífe]} (fa
felda)])>])])
He knew it was going to snow
before the first leaves fell.

Q. Attitude Indication; Conversion,
Negation & Superlatives (33)
(uo ue ua uu ui nu fu)

Q01 Uo, la Keit, pa dupma mi
uo ([{la keit} [pa (dupma mi)])
Damn, Kate deceived me!
Annoyance.)

Q02 Ue tu nu dupma
ue (tu [nu dupma])
Well, so you're deceivable!
Surprise.)

Q03 Ua tu no nu dupma
ua (tu [no (nu dupma)])
Thank goodness you're not
deceivable! (Satisfaction.)

Q04 Da nu vegri de di
da ([nu vegri] [de di])
X is less green than Y to W.
Q05 Da gutra nu begeo de
   da ([gutra (nu begeo)] de)
   It's a strange request by him. (A
   strange thing for him to request.)

Q06 Uu tu nu fatru
   uu (tu [nu fatru])
   I'm sorry you're troubled.

Q07 Bo no nu fatru mi
   eo ([no (nu fatru)] mi)
   Please don't be troubled by me!
   (Don't let me bother you!)

Q08 Uu tu no nu fatru
   ui (tu [no (nu fatru)])
   I'm glad you're not troubled.

Q09 Da nu gubbi de ba
   da ([nu gubbi] [de ba])
   X is bettered by (worse than) Y for
   some purpose x.

Q10 Di no nu gubbi raba rabe
   di ([no (nu gubbi)] [(ra ba) (ra
   be)])
   W is not bettered by anything for
   any purpose, i.e., is best.

Q11 No nu gubbi
   no (nu gubbi)
   Don't be betterable! (Be the best!)

Q12 No ge kukra prano
   no (ge [kukra prano])
   Don't run fast!

Q13 No, kukra prano
   no (kukra prano)
   Don't run fast!

Q14 No kukra prano
   (no kukra) prano
   Not fast run! (Run but not fast!)

Q15 Da fu ge briga stuci
   da ([fu ge [briga stuci])
   X is a teller of brave stories.

Q16 Da fu brigystuci
   da ([fu brigystuci]
   X is a teller of bravestories.

Q17 Ei da nu kamlu de
   ei (da [(nu kamlu) de])
   Is X where Y comes from? (Is X
   the departure-point of Y's
   coming?)

Q18 Da fu lercl de
   da ([fu lercl] de)
   X sends letters to Y. (X
   corresponds with Y.)

Q19 Ei da sanpa de di
   ei (da [sanpa (de di)])
   Does X mean Y to W? (Is X a
   sign of Y to W?)

Q20 Ia de nu sanpa da di
   ia (de [(nu sanpa) (da di)])
   Yes, Y is the meaning of X to W.

Q21 Ia di fu sanpa de da
   ia (di [(fu sanpa) (de da)])
   Yes, W assigns meaning Y to X.
   (Or: W sees significance Y in X.)

Q22 No fu sanpa mi ta
   (no [fu sanpa]) (mi ta)
   Don't think I'm meant by that!
   (Don't interpret that sign as
   meaning me!)

Q23 No nu takna
   no (nu takna)
   Don't be talked to! (Don't let
   yourself be talked to.)

Q24 No fu takna
   no (fu takna)
   Don't be talked about. (Don't be
   someone people talk about.)

Q25 Da fu gubbi
   da (fu gubbi)
   It's a purpose for which some things
   are better than others.

Q26 Mi fu namei da
   mi ([fu namei] da)
   I can name him. (I know him by
   name.)

Q27 Ta fu garti
ta (fu garti)
That's something to be grateful for.

Q28 Nu garti mi ta
(nu garti) (mi ta)
Be the recipient of my gratitude for
that!

Q29 Uu no ba nu hompi vi
uu (no [ba (<nu hompi> vi)])
Alas, there's nothing potable here.

Q30 Da nu vizka ba be
da ([nu vizka] [ba be])
X is visible to someone or
something against some back-
ground.

Q31 De no nu vizka raba rabe
de ([no (nu vizka)] [ra ba] (ra
be)])
Y is invisible to everything against
every background.

Q32 Da no nu kukra rutma de ti raba
da ([(no <nu kukra>) rutma] [(de
ti) (ra ba)])
X is the fastest route to Y from
here by any path.

Q33 Da no nu plizo raba lopo roadru
da ([(no (nu plizo)] [ra ba] (lopo
roadru)])
X is unusable by anyone for
hammering. (X is useless for
hammering.)

R. Counting, Quantifying & Numerical
Questions (21)
(to te fo fe so se vo ve iesu iene
ho hoba toba teba foba soba)

R01 Konduo le batpi
konduo (le batpi)
Count the bottles!

R02 Ne. I to. I te. I fo. I foba batpi
ne. i to. i te. i fo. i ([fo ba]
batpi)
One. Two. Three. Four. There are
four bottles.

R03 Ne. To. Te. Fo. Foba batpi
ne. to. te. fo. (fo ba) batpi
One. Two. Three. Four. There are
four bottles.

R04 Bleka le fo batpi
bleka (le fo batpi)
Look at the four bottles!

R05 Toteco to le fo batpi
toteco (to [le fo batpi])
Touch two of the four bottles!
(Any two.)

R06 Kambei mi ne le to batpi
kambei (mi [ne (le to batpi)])
Bring me (either) one of the two
bottles!

R07 Su levi fe batpi ga veslo lo viski
(su [levi fe batpi]) (ga [veslo (lo
viski)])
At least one of these five bottles
contains whiskey.

R08 Iesu de dui
(iesu de) dui
Which one (or more) of them do?

R09 Levi to de dui
(levi to de) dui
These two of them do. (Should this
really be ternary?)

R10 Foba tugle levi tobmee
(fo ba) (tugle [levi tobmee])
There are four legs on this table.
(This table has four legs.
Literally, 'Four somethings x are
legs of this table.'

R11 Hoba tugle leva tobmee
(ho ba) (tugle [leva tobmee])
How many legs has that table?

R12 Leva tobmee ga nu tugle soba
(leva tobmee) (ga [nu tugle (so
ba)])
That table is belegged with six.
(...is six-legged.)

R13 Mi nu tugle hoba
mi ([nu tugle] [ho ba])
I am beleged by how many? (I
have how many legs?)

R14 Ne uu
ne uu
One, alas!

R15 Ho mu nu tugle toba
(ho mu) ([nu tugle] [to ba])
How many of us are beleged with
two? (...are two-leggd?)

R16 Ho le se tobole ga nu tugle soba
(ho [le se tobole]) (ga ([nu tugle]
(so ba)])
How many of the seven tables are
six-leggd?

R17 Iene da
iene da
Which one of them?

R18 Ho le bekti ji vi levi kruma, ga nu
tugle teba
(ho (le bekti) (ji <vi (levi
kruma)>)) (ga ([nu tugle) (te
ba)])
How many of the objects in this
room are three-leggd?

R19 Ho le bekti ji vi, nu tugle
(ho [(le bekti) (ji vi)]) (nu tugle)
How many of the objects here
are legged (have legs)?

R20 Ho le bekti vi nu tugle
(ho [le bekti]) (vi [nu tugle])
How many of the objects are here
legged (have legs here)?

R21 Ho le bekti vi levi kruma ga nu
tugle foba
((ho (le bekti) [vi (levi kruma)])
(ga ([nu tugle) (fo ba)])
How many of the objects (while) in
this room are four-leggd?

S. Quantified Descriptions &
Questions (18)

(iete iefo ieho)

S01 Ne mrenu pa kamla
(ne mrenu) (pa kamla)
One man came.

S02 Su mrenu pa kamla
(su mrenu) (pa kamla)
At least one man came. (Some men
came.)

S03 Ru mrenu pa kamla
(ru mrenu) (pa kamla)
Enough men came.

S04 Le fo mrenu pa kamla
(le fo mrenu) (pa kamla)
The four men came.

S05 Te le fo mrenu pa kamla
(te [le fo mrenu]) (pa kamla)
Three of the four men came.

S06 Ru le fo mrenu pa kamla
(ru [le fo mrenu]) (pa kamla)
Enough of the four men came.

S07 To le te le fo mrenu pa kamla
(to [le te [le fo mrenu]]) (pa
kamla)
Two of the three of the four men
came.

S08 Le to le te le fo mrenu pa kamla
(le to [le te [le fo mrenu]]) (pa
kamla)
The two of the three of the four
men came.

S09 Ho le te mrenu
ho (le te mrenu)
How many of the three men?

S10 Le ho mrenu
le ho mrenu
The how many men? (How many
men were there?)

S11 Te le ho mrenu
(te le ho mrenu)
Three of the how many men?
S12 Iete le mrenu
    iete (le mrenu)
Which three of the men?

S13 Te le iefo mrenu
    te (le iefo mrenu)
Three of the which four men?

S14 Le le ho mrenu
    le (le ho mrenu)
Which (set of) the how many men?
   (Two questions.)

S15 Iesu le ho mrenu
    iesu (le ho mrenu)
Which (one or more) of the how many men?

S16 Ieho le ho mrenu
    ieho (le ho mrenu)
Which how many of the how many men? (Three questions.)

S17 Se sorme pa merce le se brudi
    (se sorme) (pa [merce (le se brudi)])
   (Each of some) Seven sisters married (each of) the seven
   brothers. (This doesn't say what the literal translations
   seems to say in English.)

S18 Se sorme pa merce ne le se brudi
    (se sorme) (pa [merce (ne <le se brudi>)])
   (Each of some) Seven sisters married (some) one of the seven
   brothers.
   (Better, but not quite.)

T. Measurement, Dimensioned Numbers &
   Numerical Description (10)
   (lio lepa -ma -mei -dai)

T01 Ti dairi lio te
    ti (dairi [lio te])
This measures in dollars the number 3.
   (This is worth 3 dollars.)

T02 Ti dairi
    ti dairi

This is a dollar. (i.e., a dollars-
   worth of something, e.g., money).

T03 Ta gramo lio tema
    ta (gramo [lio tema])
That measures in grams the number 300.
   (That weighs 300 grams.)

T04 Ti langa ta lio tomeimei
    ti (langa [ta (lio tomeimei)])
This is longer than that by 2mm (by
   the number 2 millimeters).

T05 Ti skakabra lio mei
    ti (skakabra [lio mei])
This measures in width the number
   m. (By default, m = 1m. So,
   this is one meter wide.)

T06 La Djan, pa donsu le botci le to
dairi
   (la djan) (pa [donsu (<le botci> <le
to dairi>)])
John gave the boy the two dollars
   (the two things worth a dollar,
   e.g., one-dollar bills or silver
dollars).

T07 La Djan, pa penti lio todai le
    mrenu le torkriulu
   (la djan) (pa [penti ((lio todai)
    [le mrenu] > <le torkriulu>)))
John paid 22 dollars (worth of
   money) to the man for the
   bicycle.

T08 Lepa ekemo pa sekmi lio to
    (lepa ekemo) (pa [sekmi (lio to)])
   That (former) time-interval meas-
   ured in seconds the number 2.
   (That was two seconds.)

T09 Lepo da clivi pa nirne lio voto
    (lepo [da clivi]) (pa [nirne (lio
    voto)])
His life measured in years the
   number 82. (He lived 82 years.)

T10 Ta pa miksekmi lio to
    ta (pa [miksekmi (lio to)])
That measured in microseconds the
   number 2. (That was 2 micro-
seconds.)

U. Linked Description; Identity Clauses; Replacement with Letter-Words; Mixed Predicates and Arguments (24)
(je jue ze sui -mo -ai -ei (dai/dei, etc.))

U01 Mi pa takna da ta
mi (pa [takna (da ta)])
I talked to X about that.

U02 Hu bi da
hu (bi da)
Who is X?

U03 Da bi le fremi je le botci
da (bi [le (fremi <je (le botci)>)])
X is the friend of the boy.

U04 Ie le botci
ie (le botci)
What (the) boy?

U05 Le botci ji le brudi je le merfua je le furvea
(le botci) (ji [le (brudi <je (le 
[merfua (je le furvea))>)]))
The boy who is the brother of the wife of the buyer.

U06 Le furvea je hu
le (furvea [je hu])
The buyer of what?

U07 Le furvea je le hasfa jue la Djonz,
 jue lio nemomodal
le (furvea [(je [le hasfa]) (jue (la 
djonz)) <jue (lio nemomodal)>])
The buyer of the house from Jones
for (the) one-million dollars.

U08 Ie la Djonz
ie (la djonz)
Which Jones?

U09 La Djonz, ji le farfu je la Meris,
ze la Selis
(la djonz) (ji [le (farfu <je [[la 
meris] [ze [la selis]]>)]))
The Jones who is the father of Mary
and Sally jointly. (I.e., of the
sib composed of Mary and Sally.)

U10 La Djonz, ji le farfu je la Meris, e
je la Selis
(la djonz) (ji [le (farfu <je [la 
meris]) e (je [la selis])>])
The Jones who is the father of Mary
and of Sally (independently).

U11 Dai bi le farfu sui je le matma je
la Bab, jue le ditca
dai (bi [le (<farfu sui> <je (le 
[matma (je [la bab]) <jue (le 
ditca)>)])])
D is also the father of the mother
of Bob by the (male) teacher.
(I.e., grandson Bob's father was a
teacher.)

U12 Dai bi le farfu sui je le matma je
la Bab gu, jue le ditca
dai (bi [le (<farfu sui> <je [le 
(matma [je [la bab]) <jue (le 
ditca)>])])
D is also the father of the mother
of Bob, through the (woman)
teacher. (I.e., Bob's maternal
grandmother was a teacher too.)

U13 Dai bi le farfu je Mai, jue le sorme
je la Pidr
dai (bi [le (farfu <jue mai) [jue [le 
sorme <je [la pidr]>]])]
D is the father of M through the
sister of Peter.

U14 Le sorme je Pai jue hu
le (sorme [(je pai) [jue hu]])
The sister of P through whom?

U15 Jue la Rabrt, ze la Celis
jue ([la rabrt] ze [la celis])
Through (parents) Robert and Shelly
jointly.

U16 Imusoa Dai bi le farfu je Mai jue le
sorme je Pai jue Rai ze Cai
imusoa (dai [bi [le <farfu ([je mai]
[jue (le <sorme ([je pai] [jue 
(rai [ze cai])>])>]])])
So D is the father of M by the
sister of P through R and C jointly.

U17 Inusoa Dai bi le farfu je Mai jue le sorme je Pai jue Rai e jue Cai inusoa dai (bi [le (farfu (<je mai) [jue (le <sorme ([jue pai] [jue cai]))])])
So D is the father of M by the sister of P through R and through C. (Independent claims.)

U18 Dai bi le farfu je Mai jue le sorme je Pai jue Rai gu, e jue Celis dai (bi [le (farfu (<je mai) [jue [le (sorme <<(jue pai) [jue [r ai e (la ce lis)]])]])])
D is the father of M by the sister of P through R and Shelly.

U19 Dai bi le farfu je Mai jue le sorme je Pai jue Rai gu, e jue Cai dai (bi [le (farfu (<je mai) [jue [le (sorme <<(jue pai) [jue rai] gu) e (jue cai)]])])
D is the father of M through the sister of P through (parent) R, and (she is also the sister) of C.

U20 Dai bi le brudi je Mai jue le sorme je Pai jue Rai, e jue Cai dai (bi [le (brudi (<je mai) [jue [le (sorme <<(jue pai) [jue rai] e [jue cai)])]]))
D is the brother of M through (one parent who is) the sister of P through (parent) R and through (parent) C. (This last jue is redundant.)

U21 Eo vedna mi le ketpi je la Paris, jue la Romas, jue le kukra trena jue lio fenidae eo (vedna [mi [le <ketpi ([jue (la paris)] [jue [la romas]] [jue [le [kukra trena)] [jue lio fenidae]]]))
Please sell me the ticket to Paris from Rome by the fast train for (the price of) fifty dollars.

U22 Da nigro ze redro bakso da ([nigro ze redro] bakso) da ([nigro ze redro] bakso)
It's a black-and-red box.

U23 Da nigro ze no nigro da ([nigro ze no nigro] bakso) da ([nigro ze no nigro] bakso)
It's black-and-non-black.

U24 Da po nigro ze no nigro da ([po nigro ze no nigro] bakso) da ([po nigro ze no nigro] bakso)
It's a condition of being a mixture of black and non-black.

V. Identifying vs. Claiming
Subordinate Clauses (7)
(jio jia)

V01 Le mrenu jio pa merji na la Somen, haiiro de jio pa merji na la Nenimen ([le mrenu] [jio (pa <merji (na [la sumen])>)]) (haiiro [da (jio <pa (merji [na (la nenimen)])>)])
The man who was married in June is happier than the one who was married in November.

V02 Mi ji la Djan, merji la Meris, ji le detra je la Solomon (mi [ji (la djan)]) (merji ([la meris] [i le (detra [je (la solomon)])])
I, who am John, am married to (the) Mary who is the daughter of Solomon.

V03 Mi jia ditca ga merji la Meris, jia detra je la Solomon (mi [jia ditca]) (ga [merji ([la meris] jia (detra [je [la solomon])]])
I, who am a teacher, am married to Mary, who (incidentally) is a daughter of Solomon.

V04 La Meris, jia ditca la Franses, di (la meris) (jia [ditca ([la franses] di)])
Mary, who teaches French to her.

V05 La Meris, jia La Pit, ditca la Franses, di (la meris) (jia ([la pit] [ditca ([la franses] di)]))
Mary, such that Pete teaches French to her.

V06 Raba jio katma ga titci be jio rateu
(ra [ba (jio katma)]) (ga [titci (be <jio rateu>)]))
Everything which is a cat eats something else which is a rat.

V07 Raba jio redro nu herfa, e pa brana na la Nenemen Nevovoton, pa cenja be jio narmykoi
(ra [ba (jio <(redro [nu herfa]) e
(pa [brana (na <la (nenemen nevovoton)>)])>)] (pa [cenja
(be <jio narmykoi>)]))
Everyone who is red-haired and was born in November 1882 became a general.

W. Sentence, Predicate & Argument Negation (18)
(ni)

W01 La Djan, pa no gudbi prano
(la djan) (pa [[no gudbi] prano])
John was a non-good runner (i.e., a runner but not a good one).

W02 La Djan, no pa gudbi prano
(la djan) (no [pa (gudbi prano)])
John was not a good runner.

W03 La Djan, no pa godzi la Paris
(la djan) (no [pa (godzi <la paris>)]))
John did not go to Paris.

W04 La Djan, no pa titci le pligo
(la djan) (no [pa (titci <le pligo>)]))
John did not eat the apple.

W05 La Djan, pa titci ni le pligo
(la djan) (pa [titci (ni <le pligo>)]))
John ate none of the apple(s).
(i.e., zero (of the) apples.)

W06 La Djan, pa godzi ni la Paris
(la djan) (pa [godzi (ni <la paris>)]))
John went to no Paris. (i.e., to zero of Paris.)

W07 Ni la Djan, pa godzi la Paris
(ni [la djan]) (pa [godzi (la paris)])
No (zero) John went to Paris.

W08 No la Djan, pa godzi la Paris
(no [[la djan] [pa (godzi <la paris>)]])
It is not the case that John went to Paris.

W09 La Djan, no pa kukra godzi la Paris
(la djan) (no [pa (kukra godzi <la paris>)]))
John didn’t go quickly to Paris.

W10 La Djan, pa no kukra godzi la Paris
(la djan) (pa [[no kukra] godzi]
(la paris)))
John went non-quickly to Paris.
(i.e., he went, but slowly.)

W11 La Djan, pa kukra no godzi la Paris
(la djan) (pa [[kukra no godzi]
(la paris)])
John quickly didn’t go to Paris. (But he did something else quickly!)

W12 La Djan, pa kukra godzi la Paris,
ni la Romas
(la djan) (pa [[kukra godzi] <la paris> <ni (la romas)>])
John went quickly to Paris from no Rome. (But from somewhere else?)

W13 Ni la Djan, pa kukra godzi la Paris,
la Romas
(ni [la djan]) (pa [[kukra godzi]
(<la paris> <la romas>)]))
No John went quickly to Paris from Rome. (But did someone else?)

W14 No la Djan, pa kukra godzi la Paris,
la Romas
(no [[la djan] [pa (kukra godzi]
(<la paris> (la romas)>)])
It is not the case that John went
quickly to Paris from Rome.

W15 La Djan, no pa kukra godzi la Paris, la Romas
   (la djan) (no [pa (<kukra godzi> <(la paris) (la romas)>)])
John didn’t go quickly to Paris from Rome.

W16 La Djan, no ga kukra godzi la Paris, la Romas
   (la djan) (no [ga (<kukra godzi> <(la paris) (la romas)>)])
John doesn’t go quickly to Paris from Rome.

W17 La Djan, no ga kukra godzi la Paris, la Romas
   (la djan) (no [ga (<kukra godzi> <(la paris) (la romas)>)])
John doesn’t go quickly to Paris from Rome.

W18 La Djan, no kukra godzi la Paris, la Romas
   (la djan) [[(no kukra) godzi] [(la paris) (la romas)]]
John non-quickly goes to Paris from Rome.

X. Quotation of Loglan; Fronted Arguments (9)
   (li lu liu gi)

X01 La Djan, pa cutse li, Ai, lu la Tam
   (la djan) (pa [cutse ([li ai lu> <(la tam)>)])
John said 'Yes I will!' to Tom.

X02 La Tam, gi la Djan, pa cutse liu Ai
   [[[la tam] gi] [[la djan] [pa (cutse <liu ai>)]])
To Tom, John said 'Yes I will!'

X03 Liu Ai, la Tam, gi la Djan, pa cutse
   ([(liu ai) (la tam)] gi) [[la djan] [pa cutse])
'Yes I will!' to Tom, John said.

X04 La Tam, gi la Djan, pa cutse
   (((la tam) gi) [(la djan] [pa cutse])
To Tom, John said (something).

X05 La Frans, gi la Djan, pa takna
   (((la frans) gi) [(la djan] [pa takna])
About France, John talked (to someone).

X06 La Frans, gi la Djan, pa takna da
   (((la frans) gi) [(la djan] [pa (takna da)])
About France, John talked to himself.

X07 La Tam, la Frans, gi la Djan, pa takna
   (((la tam) (la frans) gi) [[la djan] [pa takna])
To Tom about France, John talked.

X08 Ti gi lo redro litla ga sanpa lo denro raba
   (ti gi) [[lo (redro litla)] [ga (sanpa <(lo denro) (ra ba)>)])
Under these circumstances, red lights are a sign of danger to everyone (Here the 4th argument of a 5-place structure has been dropped, namely the behavior disposed by the sign.)

X09 Lopo stise gu, ti gi lo redro litla ga sanpa
   (((lopo <stise gu>) ti) gi) [[lo (redro litla)] [ga sanpa])
Stopping under these circumstances, red lights mean.

Y. Predicates from Arguments and Prenex Quantifiers (11)
   (me me- goi)

Y01 Liu tcemu mela Djenis, rutma purda, e sackaa liu mutce
   (liu tcemu) (((<me (la djenis)> rutma) purda) e [sackaa (liu mutce)])
'Tcemu' is a "Jenny-route" word and derived from 'mutce'.

Y02...
Y02 Liu tceemu jia sackaa liu mutce mela Djenis, rutma purda
((liu tceemu) [jia (sackaa <liu mutce>)]) ((me <la djenis>)
rutma) purda)
The word 'tceemu' which derives from 'mutce' is a "Jenny-route" word.

Y03 Ba pa meliu me forma holdu le
lengu
ba (pa [[<(me [liu me]) forma> holdu] (le lengu)])
There was a 'me'-form hole in the language.

Y04 Raba ra bua goi, ko ba melo bua,
ki ba bua
((ra ba) (ra bua)) goi) (ko [ba
(me <lo bua>)] ki [ba bua])
For every something x and every
predicate P, if and only if x is a
manifestation of P-hood, then x is P.

Y05 Raba ra bua goi, ko ba melea bua,
ki ba bua
((ra ba) (ra bua)) goi) (ko [ba
(me <lea bua>)] ki [ba bua])
For every something x and every
predicate P, if and only if x is a
manifestation of the class of all
that are P, then x is P.

Y06 Raba ra bua goi, ko ba bie lea bua,
ki ba bua
((ra ba) (ra bua)) goi) (ko [ba
(bie <lea bua>)] ki [ba bua])
For every something x and every
predicate P, if and only if x is a
member of the class of all that
are P, then x is P.

Y07 Li, Da melo preda, lu darduuo snola
li, Da preda, lu
(li da me lo preda lu) [(darduuo
snola] [li da preda lu])
'Da melo preda' reciprocally entails
'Da preda'.

Y08 Ta meda po muvdo
ta [(me da] [po muvdo])
That's an X-type move. (Said of a
chess-player, dancer, etc.)

Y09 Ta memi tearo
ta [(me mi] tearo)
That's a "me"-car. (Expresses me,
belongs to me, etc.)

Y10 Le kangu pa meli, Mi danza lepo
hasfa godzi, lu bleka mi
(le kangu) (pa [[[me (li mi danza
lepo hasfa godzi lu)> bleka) mi]])
The dog "I want to go home"-
looked at me. (i.e., gave me
that "I want to go home" look.)

Y11 Le kangu pa bleka je mi go meli,
mi danza lepo hasfa godzi, lu
(le kangu) (pa [[[bleka <je mi>]) go
(me <li mi danza lepo hasfa godzi
lu>]])
The dog looked at me in an "I want
to go home" sort of way.

Z. Prenex Quantifiers (7)

Z01 Raba be goi, be matmaa ba
((ra ba) (ra goi) (be [matmaa
ba])
For every something x there is a
y such that y is the maternal
grandmother of x.

Z02 Be raba goi, be matmaa ba
((be (ra ba)] goi) (be [matmaa
ba])
There is something y such that for
every x, y is x's grandmother.

Z03 Ba lea humni goi, ba paslinkui da
((ba (lea humni)] goi) (ba
[paslinkui da])
There is something x such that for
every human, x is his or her
ancestor.

Z04 Raba goi, cluva ba
((ra ba) goi) (cluva ba)
For every something x, love x!

Z05 Lea humni goi, cluva da
He and she like him better than, and hate, Pete.

AA07  Di, e de fundi, e tsodi gu, la Pit
       (di e de) ([fundi e (tsodi gu)] [la pit])
He and she (both) like and hate Pete.

AA08  Di, e de ke fundi ki tsodi gu, la Pit
       (di e de) ([ke fundi ki (tsodi gu)] [la pit])
He and she both like and hate Pete.

AA09  La Pol, farfu la Bab, efa la Pit
       (la pol) (farfu [(la bab) efa (la pit)])
Paul is the father of Bob and later Pete.

AA10  La Pol, farfu la Bab, la Selis, onoi
       la Bet
       (la pol) (farfu [(la bab) (<la selis>
       onoi <la bet>)]))
Paul is the father of Bob by Sally
or by Beth. (But not by both.)

AA11  La Pol, farfu la Bab, la Selis, gu,
onoi la Bet
       (la pol) (farfu [(<la bab) (la
       selis)> gu] onoi (la bet)))
Paul is the father of Bob by Sally,
or of Beth (but not of both).

AA12  La Pol, jia farfu la Bab, e la Pit
       (la pol) (jia [farfu (<la bab> e <la
       pit>)]))
Paul, who is the father of Bob and Pete.

AA13  La Pol, jia farfu la Bab, gu, e la Pit
       (la pol) (jia [farfu (<(la bab) gu> e
       <la pit>)]))
Paul, who is the father of Bob and Pete. (This gu is redundant and insufficient to alter the meaning of A11.)

AA14  La Pol, jia farfu la Bab, gugu, e la Pit
Paul, who is the father of Bob; and Pete. (It takes a double gu to say this. Perhaps we should introduce a gu for this? One that would dissolve into two gu's before the parse?

La Pol, farfu, e perdia la Bab, e la Pit
(la pol) (farfu e [perdia (la bab) e la pit])
Paul is a father, and (he) tutors Bob and Pete.

La Pol, farfu, e perdia gu, la Bab, e la Pit
(la pol) [(farfu e (perdia gu)] [(la bab) e (la pit))]
Paul is the father of, and the tutor of, Bob and Pete.

Da farfu ke la Bab, ki la Pit, la Meris
da (farfu [(ke la bab) ki la pit]) (la meris)]
He is the father of both Bob and Pete by Mary.

Da farfu kanoi la Bab gu, ki la Pit, la Meris
da (farfu [kanoi (la bab) gu) ki (la pit) (la meris)])
He is the father if of Bob (by someone) then of Pete by Mary.

Da farfu kanoi la Bab, ki la Pit, la Meris
da (farfu [(kanoi la bab) ke (la pit) (la meris)])
He is the father of if Bob then Pete by Mary.

Da farfu la Bab gu, e la Pit, la Meris, a la Betis
da (farfu [(la bab) gu] e (la pit) (la meris) a (la betis)])
He is the father of Bob (by someone), and of Pete by Mary or Betty.

Da farfu la Bab, anoi la Pit, la Meris, a la Betis
da (farfu [(la bab) anoi la pit]) (la meris) a (la betis)])
He is the father of Bob if of Pete, by Mary or Betty.

Da farfu la Bab, e la Pit, la Meris, gu, a la Betis
da (farfu [(la bab) e la pit]) (la meris) a (la betis)])
He is the father of (both) Bob and Pete by Mary, or of Betty.

Da farfu la Bab, e la Pit, ka la Meris, ki la Betis
da (farfu [(ka la meris) ki (la betis)])
He is the father of (both) Bob and Pete by either Mary or Betty.

Da farfu ke la Bab, ki la Pit, ka la Meris, ki la Betis
da (farfu [(ke la bab) ki (la pit)] (ka la meris) ki (la betis)])
He is the father of both Bob and Pete by either Mary or Betty.

Da farfu la Bab, gu, e la Pit, la Meris, e lendia
da (farfu [(la bab) gu] e (la pit) (la meris)]) e lendia
He is the father of Bob, and of Pete by Mary, and teaches languages.

Da farfu la Bab, e la Bet, e ditca la Franses, di, e do
da (farfu [(la bab) e (la bet)]) e
(ditca [(la franses) (di e do)])
He is the father of Bob and Beth and teaches French to her and him.

Da farfu, e ditca la Franses, gu, di, e do
da (farfu e (ditca [(la franses) gu)]) [di e do]
He is the father of, and teaches French to, her and him.
AA28  Da farfu, e ditca la Franses, di, e do
da (farfu e [ditca ([la franses] <di e do>)]
He is a father, and teaches French
to her and him.

AA29  Da farfu, e ditca la Franses, di gu, e do
da (farfu e [ditca ([[la franses] di] gu e do)])
He is a father, and teaches French
to her, and (teaches) him (as a
language).

AA30  Da farfu ba be, noa ditca la Franses, ba, e be
da (farfu (ba be) noa [ditca ([la franses] <ba e be>)]
He is the father of someone by
somebody only if (he) teaches
French to that someone and that
somebody.

BB. Causal Inflectors, Modifiers &
Phrases (31)

BB01  Mi pa godzi moi
mi (pa [godzi moi])
I went with a purpose, i.e., because
of some motive.

BB02  Mi moipa godzi
mi (moipa godzi)
I purposefully went.

BB03  Mi ji moi, pa godzi
(mi [ji moi]) (pa godzi)
I, as someone with a purpose, went.

BB04  Mi ji moipa, godzi
(mi [ji moipa]) godzi
I, as someone with a purpose then,
go.

BB05  Moi mi, godzi
(moi mi) godzi
To get me, go. (I.e., using me as a
goal or purpose.)

BB06  Moi gi mi godzi
(moi gi) (mi godzi)
Purposefully, I go.

BB07  Soa ta gi da bi de
([soa ta] gi) (da [bi de])
It follows from that that X = Y.

BB08  Soa lepo da bi de gi, da tsidru
([soa (lepo <da (bi de)>)] gi) (da
tsidru)
Since X is the same as Y, X is
guilty.

BB09  Da tsidru soa lepo da bi de
da (tsidru [soa (lepo <da (bi
de>)]))
X is guilty because X is Y.

BB10  Mi pa tokna ti moi ta
mi (pa [tokna (ti <moi ta>)]
I took this so that that (goal would
be reached).

BB11  Moi ta gi mi pa tokna ti
([moi ta] gi) (mi [pa (tokna ti)])
So that that (goal would be
reached) I took this.

BB12  Mi pa danza ta numoi ti
mi (pa [danza (ta <numoi ti>)]
I wanted that (goal) therefore this
(act).
BB13 Ti pa rodja kou lepo tu cuidru da ti (pa [rodja (kou <lepo (tu [cuidru da])>)])
This grew because of the fact that you watered it.

BB14 Da pa rodja kou lepo cuidru
da (pa [rodja (kou <lepo cuidru>)])
It grew because of the watering.

BB15 Da pa rodja kou lo cutri
da (pa [rodja (kou <lo cutri>)])
It grew because of water.

BB16 Ti pa rodja kouhu
ti (pa [rodja kouhu])
This grew because of what? (This
grew why?)

BB17 Tu pa cuidru da moihu
tu (pa [cuidru (da moihu)])
You watered it why? (For what
purpose?)

BB18 Ti pa rodja nukouhu
ti (pa [rodja nukouhu])
This grew with what consequences?
(A converse 'why'.)

BB19 Kouhu da pa rodja
kouhu (da [pa rodja])
Because of what did it grow?

BB20 Nukouhu da pa rodja
nukouhu (da [pa rodja])
With what consequences did it grow?

BB21 Moihu tu pa cuidru da
moihu (tu [pa (cuidru da)])
Why did you water it? (For what
purpose?)

BB22 Moihu tu pa danza lepo da rodja
moihu (tu [pa (danza <lepo (da
rodja)>)])
Why did you want it to grow?

BB23 Kou ta gi ti pa rodja
([kou ta] gi) (ti [pa rodja])
Because of that, this grew.

BB24 Mi moi ditca
mi (moi ditca)
I purposefully teach.

BB25 Moi gi mi ditca
(mi gi) (mi ditca)
Purposefully I teach.

BB26 Moi mi, ditca
(mi mi) ditca
With me as a goal or prize, teach!

BB27 Moi ba gi mi ditca
([moi ba] gi) (mi ditca)
With something as a goal, I teach.

BB28 Mi ditca moi ba
(mi ditca [moi ba])
I teach in order to have, be or do
something.

BB29 Mi ditca moi lepo mi snire lo junti
mi (ditca [moi lepo <mi (snire [lo
junti])>])
I teach in order to be near the
young, i.e., with that motive.

BB30 Mi ditca kou lepo mi eluva lo junti
mi (ditca [kou lepo <mi (eluva [lo
junti])>])
I teach because I love the young,
i.e., from that cause.

BB31 Mi ditca rau lepo mi bremao lo
junti lopo olivi
mi (ditca [rau lepo <mi (bremao
([lo junti] (lopo olivi))>)])
I teach in order to prepare the
young for life, i.e., for that
reason.

CC. Compound Term Connectives (8)
(enumoi enukou efa eva epa)

CC01 Mi, enumoi la Djan, pa godzi
mi enumoi [la djan] (pa godzi)
I and therefore John went.

CC02 Mi, efa la Djan, pa godzi
(mi efa [la djan]) (pa godzi)
I and then John went.
CC03 Mi pa vizka la Meris, enukou la Pit mi (pa [vizka (<la meris> enukou <la pit>)]))
I saw Mary and, as a consequence, Pete.

CC04 Da farfu la Djek la Meris, enukou ni la Selis da (farfu [(la djek) (<la meris> enukou <ni (la selis)>)])
He is the father of Jack through Mary and, as a consequence, not through Sally.

CC05 Mi pa godzi, enukou, pa vizka la Djan mi ([pa godzi] enukou [pa (vizka <la djan>)]))
I went and, as a consequence, saw John.

CC06 Mi pa godzi, eva, pa vizka la Djan mi ([pa godzi] eva [pa (vizka <la djan>)]))
I went and there saw John.

CC07 Mi pa godzi, epa, vizka la Djan mi ([pa godzi] epa [vizka (la djan)])
I went, and, beforehand (i.e., before going), saw John.

CC08 Mi pa godzi, enumoi, vizka la Djan mi ([pa godzi] enumoi [vizka (la djan)])
I went and, as intended, saw John.

DD. Connective Questions (8)
(ha enoi noenoi)

DD01 Tu danza lo skafi ha lo teati tu (danza [[lo skafi] ha [lo teati]])
You want coffee how-connected to tea? (Do you want coffee, tea, both or neither?)

DD02 Enoi eo
Enoi eo
And-not, please. (Coffee but not tea, please.)

DD03 Tu farfu la Djein, ha la Alis tu (farfu [(la djein) ha (la alis)])
You are the father of Jane how-connected to Alice? (Are you the father of Alice or Jane?)

DD04 E
And. (Both. I.e., of both Jane and Alice.)

DD05 Tu farfu la Djein, e la Alis, la Meris, ha la Betis tu (farfu [(la djein) e <la alis> (<la meris> ha <la betis>)]))
You are the father of Jane and Alice, through Mary how-connected to Betty?

DD06 Noenoi. I mi farfu la Djein, la Meris, gu, e la Alis, la Betis noenoi i (mi [farfu (<(la djein [la meris]) gu> e <la alis) (la betis)>]))
Neither. I am the father of Jane through Mary, and of Alice through Betty.

DD07 Inusoa tu farfu la Djein, a la Alis, la Meris, e la Betis inusoa (tu [farfu ((la djein) a (la alis)) (<la meris>) e [la betis)])
Therefore you are the father of Jane or Alice, by Mary and Betty.

DD08 Ipou no tu farfu la Djein e la Alis la Meris a la Betis
Ipou (no [tu (farfu (((la djein) e [la alis]) ((la meris) a [la betis])))])
However, it is not the case that you are the father of Jane and Alice through Mary or Betty.

EE. Internal Arguments (12)
(No new LWs.)

EE01 Da grobou go kukra lo litla
da ([grobou go kukra] [lo litla])
It's a ship that is faster than light.
EE02 Da kakra je lo litla gu, grobou da (((kakra je ((lo litla) gu))) grobou)
It's a faster than light, ship.

EE03 Da penso go kakra mi da (((penso go kakra) mi)
He thinks faster than I do.

EE04 Da kakra je mi penso da (((kakra (je mi)) penso)
He's a faster-than-I thinker.

EE05 Ta rutma la Minneapolis, go kakra
ta (((((rutma <je (la minneapolis)>) go
ekakra) ti)
That's a route to Minneapolis that is faster than this.

EE06 Ta rutma la Minneapolis, jue la
Cikagos, go kakra
ta (((((rutma <je [la minneapolis])
(jue [la cikagos])>) go) kakra) ti)
That's a route to Minneapolis from Chicago that is faster than this.

EE07 Ta kakra je ti rutma la Minneapolis,
la Cikagos
ta (((((kakra <je ti>> rutma) [[la
minneapolis) (la cikagos)]
That's a faster-than-this route to Minneapolis from Chicago.

EE08 Ta no nu kakra rutma la Minneapolis,
la Cikagos
ta (((((no <nu kakra>>) rutma) [[la
minneapolis) (la cikagos)]
That's an "unfasterable" route to Minneapolis from Chicago. (i.e.,
unbetterable in speed.)

EE09 Da farbru je la Djan, go plumro la Pit, la Djan
da (((farbru <je (la djan)>> go
plumro) [[la pit (la djan)])
He's a paternal uncle of John's who
is more pleasing (as an uncle) than Pete to John.

EE10 Da plumro je la Pit, jue la Djan,
farbru la Djan
da (((plumro (<je [la pit]) (jue [la
djan]))) farbru) [la djan])
He's a more pleasing-than-Pete-to-
John type of paternal uncle to
John.

EE11 Ba pa korfro je liu me holdu le
lengu
ba (pa (((<korfro (je [liu
me])> holdu) (le lengu)))
There was shape-of-'me' hole in
the language. (There was a 'me'-
shaped hole in the language.)

EE12 Ba pa holdu je le lengu gu, go
korfro liu me
ba (pa (((<holdu (je [le lengu
gu])> go korfro) (liu me)))
There was a hole in the language
which had the shape of 'me'.

FF. Argument Ordinals (HB-tags) (25)
(pua pae pui puo pui)

FF01 Da sanpa de di do du
da (sanpa (((<de di> do) du))
X is a sign of Y to W disposing
behavior/action H under circum-
stances Q.

FF02 Pua da sanpa
(pua da) sanpa
X is a sign.

FF03 Pue de sanpa
(pue de) sanpa
Y is a (referential) meaning.

FF04 Pui di sanpa
(pui di) sanpa
W is a sign–interpreter, something
that finds meaning in a sign.

FF05 Puo do sanpa
(puo do) sanpa
H is a (behavioral) meaning, i.e.,
whatever a sign disposes some
interpreter to do.

FF06 Puu du sanpa
(puu du) sanpa
Q is a situation or set of circumstances which releases a disposition created by some sign.

FF07 Puu lopo tearo bapra ga sanpa pua lo redro litla pue lo hummi (puu [lopo (tearo bapra)]) (ga [(sanpa (pua (lo redro litla)) pue (lo hummi))])
Operating a car is a circumstance making signs out of red lights to humans.

FF08 Lopo tearo bapra ga nufe sanpa pua lo redro litla pue lo hummi (lopo [tearo bapra]) (ga [[(nufe sanpa) (pua (lo redro litla) pue (lo hummi))])
Operating a car is a circumstance making signs out of red lights to humans.

FF09 Pue lo denro ga danri sanpa pui lo nimla (pue [lo denro]) (ga [[(danri sanpa) pue (lo nimla)])
Danger is a common sign-referent among animals.

FF10 Lo denro ga danri nu sanpa pui lo nimla (lo denro) (ga [[(danri <nu sanpa>) pue (lo nimla)])
Danger is a common sign-referent among animals.

FF11 Puu lopo prano ga danri sanpa pue lo denro (puu [lopo prano]) (ga [[(danri sanpa) pue (lo denro)])
Running is a response commonly disposed by danger.

FF12 Lopo prano ga danri ju sanpa pue lo denro (lopo prano) (ga [[(danri <ju sanpa>) pue (lo denro)])
Running is a response commonly disposed by danger.

FF13 Lo nimla ga fu sanpa puu lopo do clivi

FF14 La Miniapolis, danri nu godzi pui la Seint Pol (la minneapolis) ([danri (nu godzi]) pui (la <seint pol)])
Minneapolis is a common destination in going from Saint Paul.

FF15 Ba godzi la Miniapolis, la Seint Pol ba (godzi ((la minneapolis) (la <seint pol])))
Someone goes to Minneapolis from Saint Paul.

FF16 Puo ta vedma (puo ta) vedma
That is a price.

FF17 Ta ju vedma ta (ju vedma)
That is a price.

FF18 Ba vedma be bo ta ba (vedma [[(be bo) ta])
Someone sells something to someone else for that.

FF19 Le farfu je pui la Meris le (farfu [je (pui <la meris)])
The father through (of offspring out of mother) Mary.

FF20 Le farfu je ba jue la Meris le (farfu [(je ba) (jue <la meris)])
The father of someone through Mary (of at least 1 of Mary’s children).

FF21 Le farfu je raba jio nu matma la Meris le (farfu [je (ra <ba (jio [(nu matma) (la meris)]))])
The father of all who are mothered by Mary (all of Mary’s children).

FF22 Da kukra je pui lio nenimeikuasei tearo
da ([kukra (je <pui (lio nenimeikuasei)]) tocaro)
It's a faster-than-something-by-10-meters-per-second type of car.

FF23 Pui lio nenimeikuasei kukra
(pui [lio nenimeikuasei]) kukra
Ten meters-per-second is a speed differential.

FF24 Lio nenimeikuasei fu kukra
(lio nenimeikuasei) (fu kukra)
Ten meters-per-second is a speed differential.

FF25 Ba kukra be lio nenimeikuasei
ba (kukra [be (lio nenimeikuasei)])
Something is faster than something else by ten meters-per-second.

GG. Compound & Connected Tenses (11)
(-fa- -pa- -na- -ra- ne- ni- -noi-)

GG01 Mi fapa sucmi
mi (fapa sucmi)
I will have swum.

GG02 Mi nepa sucmi
mi (nepa sucmi)
I swam once (i.e., one time).

GG03 Mi nipa sucmi
mi (nipa sucmi)
I never swam (i.e., zero times in the past).

GG04 Mi nina sucmi
mi (nina sucmi)
I never swim (i.e., zero times in any present time).

GG05 Mi rana sucmi
mi (rana sucmi)
I always swim (i.e., at all present times).

GG06 Mi noina sucmi
mi (noina sucmi)
I don't now swim.

GG07 Mi pacenoina sucmi
mi (pacenoina sucmi)
I used to swim but don't any longer.

GG08 Mi noipacenoina sucmi
mi (noipacenoina sucmi)
I never have, and do not now, swim.

GG09 Mi pacefa bragai
mi (pacefa bragai)
I was once, and will again be, a king.

GG10 Mi noipacenoinacenoifa bragai
mi (noipacenoinacenoifa bragai)
I never have been, am not now, and never will be a king.

GG11 Facenoina mi, garni levi landi
(facenoina mi) (garni [levi landi])
After but not during me (i.e., my lifetime), rule this land.

HH. Logically Connected Clauses (13)
(inoca icanoi ica Ice)

HH01 Kanoi no tu fa kamla, ki no mi hijra va
kanoi (no [tu (fa kamla)]) ki (no [mi (hijra va)])
If you do not come, then I will not be there (i.e., be present there).

HH02 No tu fa kamla, inoca no mi hijra va
(no [tu (fa kamla)]) inoca (no [mi (hijra va)])
You will not come only if I'm not there.

HH03 No mi fa hijra va, icanoi no tu kamla
(no [mi (fa <hijra va>)]) icanoi
(no [tu kamla])
I won't be there if you don't come.

HH04 Kanoi no tu fa kamla ki ke no mi hijra va ki tu fa keedri
kanoi (no [tu (fa kamla)]) ki (ke [no (mi <hijra va>)] ki [tu (fa keedri)])
If you don't come, then I'll not be
there and you'll be sorry.

HH05 No mi fa hijra va, icanoi no tu fapa kamla
(no [mi (fa <hijra va>))] icanoi (no
[tu (fapa kamla)])
I won't be there if you have not
come.

HH06 Tu fapa kamla, icanoi mi hijra va
(tu [fapa kamla]) icanoi (mi [hijra
va])
You will have come if I am there.

HH07 Mi fa hijra va, inoca tu fapa kamla
(mi [fa (hijra va)]) inoca (tu [fapa
kamla])
I will be there only if you will have
come.

HH08 Kanoi mi fa hijra va ki tu pa
kamla
kanoi (mi [fa (hijra va)]) ki (tu
[pa kamla])
If I am there, then you came.

HH09 Ka no mi fa hijra va ki tu pa
kamla
ka (no [mi (fa <hijra va>))] ki (tu
[pa kamla])
Either I will not be there or you
came (and possibly both).

HH10 No mi fa hijra va, ica tu pa kamla
(no [mi (fa <hijra va>))] ica (tu
[pa kamla])
I will not be there, and/or you
came.

HH11 Tu fapa kamla, ica no mi hijra va
(tu [fapa kamla]) ica (no [mi (hijra
va)])
You will have come, and/or I won't
be there.

HH12 Tu fapa kamla, ica ke no mi hijra
va ki tu keedri
(tu [fapa kamla]) ica (ke [no (mi
<hijra va>)] ki [tu keedri])
You will have come, and/or both I'm
not there and you are sorry.

HH13 ice mi sui fa hijra va
ice ([mi sui] [fa (hijra va)])
And I, too, will be there.

II. Causally-Connected Clauses (7)
(i– ki–)

II01 Ti pa rodja, ikou tu cuidru da
(ti [pa rodja]) ikou (tu [cuidru
da])
This grew because you watered it.

II02 Nukouki ti pa rodja, ki tu cuidru da
nukouki (ti [pa rodja]) ki (tu
[cuidru da])
Therefore this grew, you watered it.

II03 Tu pa cuidru ti, inukou da rodja
(tu [pa (cuidru ti)]) inukou (da
rodja)
You watered this; therefore it grew.

II04 Mi pa cuidru da, imoi da pafa rodja
(mi [pa (cuidru da)]) imoi (da
[pafa rodja])
I watered it so that it would grow.

II05 Kouki tu pa cuidru ti, ki da rodja
kouki (tu [pa (cuidru ti)]) ki (da
rodja)
Because you watered this, it grew.

II06 Mi pa danza ti, imoi mi pafa ponsu
ta
(mi [pa (danza ti)]) imoi (mi [pafa
(ponsu ta)])
I wanted this so that I could have
that.

II07 Mi ditca, imoi mi bremao lo junti
(mi ditca) imoi (mi [bremao (lo
junti)])
I teach so that I may prepare the
young.

JJ. Indirect Designation;
Foreign Quotation (14)
(lae sae lie)

JJ01 Bo kambei mi laeli, Loglan Nen, lu
Eo (kambei [mi (lae <li loglan nen lu>)])
Please bring me "Loglan 1".
(Please bring me the thing of which 'Loglan Nen' is a sign.)

JJ02 Eo kambei mi laelie gai, War and Peace, gai
eo (kambei [mi (lae <gle (gai , war and peace, gai)>)])
Please bring me "War and Peace".
(Please bring me the thing of which 'War and Peace' is a sign.)

JJ03 La Djan, melaelie gai, stingy, gai
(la djan) (me [lae (lie <gage, stingy, gai>)])
John is whatever the word 'stingy' means in English.

JJ04 El tu pa ridle laeli, Loglan Nen, lu
ei (tu [pa (ridle <lae (li loglan nen lu)>)])
Have you read "Loglan 1"?

JJ05 El tu fundi lae laeli, Loglan Nen, lu
ei (tu [fundi (lae <lae (li loglan nen lu)>)])
Do you like the referent of the referent of 'Loglan Nen' (i.e., Loglan)?

JJ06 Da pa cutse sae lepo la Djan, pa prano
da (pa [cutse (sae <lepo ((la djan) [pa prano])>)])
He said some signs meaning that John ran.

JJ07 El tu vizka sae la Djan
(ei (tu [vizka (sae <la djan>)]))
Do you see signs of John?

JJ08 El tu vizka laeli, La Djan, lu
ei (tu [vizka (lae <li la djan lu>)]))
Do you see (any) referents of 'La Djan' (i.e., John)?

JJ09 El tu vizka lae la Djan
(ei (tu [vizka (sae <la djan>)]))
Do you see meanings of John?

JJ10 El tu vizka lo sanpa je la Djan
(ei (tu [vizka (lo <sanpa (je [la djan])>)]))
Do you see signs of John?

JJ11 El tu vizka lo nu sanpa je la Djan
(ei (tu [vizka (lo <(nu sanpa) (je [la djan])>)]))
Do you see referents of John?

JJ12 El tu vizka sae sae sae la Djan
(ei (tu [vizka (sae <sae (sae [la djan])>)]))
Do you see signs of signs of signs of John?

JJ13 El tu vizka lo sanpa je lo sanpa je lo sanpa je la Djan
(ei (tu [vizka (lo <sanpa (je [lo (sanpa (je [lo (sanpa (je [la djan])])])])])]))
Do you see signs of signs of signs of John?

JJ14 El tu vizka lae sae lae lae la Djan
(ei (tu [vizka (lae <sae (lae [la djan])>)]))
Do you see referents of signs of referents of John?

KK. Metaphor-Marking or "Figurative Quotation" (9)
(ja)

KK01 Mi farfu jo la loglan
mi ([farfu jo] [la loglan])
I am the "father" of Loglan.

KK02 Ia no. I tu matma jo la Loglan
ia no . i (tu [((matma jo) (la loglan)])
Certainly not; you are the "mother" of Loglan.

KK03 I la Uorf, pa farfu jo de
i ([la uorf] [pa (farfu jo > de)])
And Whorf was its "father". (...the "father" of it.)

KK04 Da smina huigro tojo
da (smina [huigro tojo])
He's a "mental giant".

KK05 De sminá huicma jo
de (sminá [huicma jo])
He's a mental "dwarf".

KK06 La Djan, pa brahea rajo na lepo la Loglan, brana
(la djan) (pa [(brahea rajo) (na
<lepo [(la loglan) brana])])
John midwifed, in a manner of
speaking, at the birth of Loglan.

KK07 Ia no. I la Djan, pa bremo ckela
ditca tejo la Loglan
ia no, i [(la djan) [pa ((bremo
ckela) (ditca tejo)> <la
loglan)])]
Certainly not; John was a "prep-
school teacher" of Loglan.

KK08 La Djan, pa bremo ckela ditca la Loglan, rajo
(la djan) (pa [<(bremo ckela>
ditca) (la <loglan rajo>)])
John was a prep-school teacher of
Loglan, in a manner of speaking.

KK09 La Djan, pa rajo bremo ckela
ditca la Loglan
(la djan) [(pa [rajo] [(<bremo
ckela> ditca) (la loglan)])]
John was, speaking figuratively, a
prep-school teacher of Loglan.

LL. Letter-Variables and Acronyms (17)
(-z-)

LL01 Le mrenu pa vedma le kangu le
(emalo nirii
(le mrenu) (pa [(vedma (<le kangu
<le (emalo nirii)>)])
The man sold the dog to the little
girl.

LL02 Nei fa cluva kei
nei (fa [cluva kei])
n (the girl) will love k (the dog).

LL03 La Ned, farfu nei
(la ned) (farfu nei)

LL04 Nai cluva nei, e fundi lo kangu,
enumoi fa cluva kei
nai [(cluva nei) e (fundi <lo
kangu>)] enumoi [(fa (cluva kei))]
N (Ned) loves n, likes dogs, and
therefore will love k.

LL05 Nai merji la Meris, ice Mai no fundi
lo kangu
(nai [merji (la meris)]) ice (mai
[(no fundi) (lo kangu)])
N is married to Mary; and M doesn't
like dogs.

LL06 Bai merji la Alis, ice Ama fundi lo
kangu
(bai [merji (la alis)]) ice (ama
[fundi (lo kangu)])
B is married to Alice; and A likes
dogs.

LL07 Inusoa ba nu daki lepo Mai no fa
cluva kei
inusoa (ba [nu daki]) (lepo <mai
[(no [fa (cluva kei)])]>)
Therefore it is likely that M will
not love k.

LL08 Nai nu perpl laelie gai, Central
Intelligence Committee, gai
nai [(nu perpl) [lae (lie <gai ,
central intelligence committee ,
gai)])]
N is employed by (works for) the
"Central Intelligence Committee".

LL09 Nai nu perpl la CalizA
nai [(nu perpl) [la caliza]]
N works for the CIA.

LL10 Mai nu perpl, la UNa
mai [(nu perpl) [la unai]]
M works for the UN.

LL11 Nei danza lepo fa nu perpl, la
UNaIESaiCaiO
nei (danza [(lepo (fa <(nu perpl) (la
unaiesaiCaiO)>)])
(n the little girl) wants eventually
to work for (the) UNESCO.
Eo (kambei [mi (lae <li loglan nen lu>)]
Please bring me "Loglan 1".
(please bring me the thing of which 'loglan nen' is a sign.)

Eo kambei mi laelie gai, War and Peace, gai
Eo (kambei [mi (lae <lie (gai, war and peace, gai)>)])
Please bring me "War and Peace".
(please bring me the thing of which 'war and peace' is a sign.)

La Djan, melaelie gai, stingy, gai (la djan) (me [lae (lie <gai, stingy, gai>)]
John is whatever the word 'stingy'
means in English.

Ei tu pa ridle laeli, Loglan Nen, lu ei (tu [pa (ridle <lae (li loglan nen lu)>)])
Have you read "Loglan 1"?

Ei tu fundi lae laeli, Loglan Nen, lu ei (tu [fundi (lae <lae (li loglan nen lu)>)])
Do you like the referent of the referent of 'Loglan Nen' (i.e., Loglan)?

Da pa cutse sae lepo la Djan, pa prano
da (pa [cutse (sae <lepo ([la djan] [pa prano]>)])
He said some signs meaning that John ran.

Ei tu vizka sae la Djan
Ei (tu [vizka (sae <la djan>)]
Do you see signs of John?

Ei tu vizka laeli, La Djan, lu ei (tu [vizka (lae <li la djan lu>)]
Do you see (any) referents of 'La Djan' (i.e., John)?

Ei tu vizka lae la Djan
Ei (tu [vizka (lae <la djan>)]
Do you see meanings of John?

Ei tu vizka lo sanpa je la Djan
ei (tu [vizka (lo <sanpa (je [la djan]>)])
Do you see signs of John?

Ei tu vizka lo nu sanpa je la Djan
ei (tu [vizka (lo <(nu sanpa) (je [la djan]>)])
Do you see referents of John?

Ei tu vizka sae sae sae la Djan
ei (tu [vizka (sae <sae (sae [la djan]>)])
Do you see signs of signs of signs
of John?

Ei tu vizka lo sanpa je lo sanpa je la Djan
ei (tu [vizka (lo <sanpa (je [lo sanpa (je [lo sanpa (je [la djan]>)])]>)])
Do you see signs of signs of signs
of John?

Ei tu vizka lae sae lae la Djan
ei (tu [vizka (lae <sae (lae [la djan]>)])
Do you see referents of signs of referents of John?

KK. Metaphor-Marking or "Figurative Quotation" (9)
(ja)

Mi farfu jo la loglan
mi ([(farfu jo) [la loglan]])
I am the "father" of Loglan.

Ia no. I tu matma jo la Loglan
ia no. i (tu [((matma jo) [la loglan])]
Certainly not; you are the "mother"
of Loglan.

Ia Uorf, pa farfu jo de
i ([(la uorf) [pa (farfu jo> de)])
And Whorf was its "father". (...the "father" of it.)

Da smina huigro tojo
da (smina [huigro tojo])
LL12 Ipou nei danza lepo na nu perpli la SaiPaiCaiA
   ipou (nei [danza (lepo <na ((nu perpli) [la saiapaleia])>)]
However, n wants to work now for the SPCA.

LL13 Mao ponsu ba jio kasmii
   mao (ponsu [ba (jio kasmii)])
   M' (Marvin) owns a cow. (M' stands
   for Greek M.

LL14 Lo Haitoo bi lo cutri
   (lo haitoo) (bi [lo cutri])
   (The) H2O is water.

LL15 Lo HaitoSaiOfo bi lo melaelie gai,
   sulphuric acid, gai (/haito-
   saiOfo/)
   (lo haiatosaiolo) (bi [lo (me <lae (lie
   [gai , sulphuric acid , gai])>])
   (The) H2SO4 is whatever 'sulphuric
   acid' means in English.

LL16 Ta HaitoSaiOfo
   ta haitosaiofo
   That's sulphuric acid.

LL17 asi groda bei cei
   asi (groda [bei cei])
   a is bigger than b by c.

NN. Grouped & Ungrouped Afterthought
   Connections (12)
   (i—ge—ei)

NN01 Mi pa prano. Ifa mi suemi. Ifa
   mi flei. Ifa mi dзорu
   mi (pa prano) . ifa (mi suemi) . ifa
   (mi flei) . ifa (mi dзорu)
   I ran. Then I swam. Then I flew.
   Then I walked.

NN02 Mi pa prano, e suemi, e flei, e
   dзору
   mi ([(pa prano > e suemi) e flei] e dзору)
   I ran and swam, and flew, and
   walked.

NN03 Mi pa takna da, e de, e di, efa do
   mi (pa [takna (<<da e de) e di> efa do]))
   I talked to X and Y, and to W, and
then to Q.

NN04 Muvdo, icanoi da redro, ica de nigro
muvdo icanoi ([da redro] ica [de nigro])
Move if (either) X is red or Y is black.

NN05 Muvdo, icanoi da redro, ica de nigro
(muvdo icanoi [da redro]) ica (de nigro)
(Either) Move if X is red, or Y is black.

NN06 Muvdo, icanoige da redro, ica de nigro, ica di vegri
muvdo icanoige ([da redro] ica (de nigro)] ica [di vegri])
Move if (either either) X is red or Y is black, or W is green.

NN07 Da muvdo, anoi redro, aci nigro
da ([muvdo anoi [redro aci nigro]])
X moves if (either) red or black.

NN08 Da muvdo, anoi redro, a nigro
da ([muvdo anoi redro] a nigro)
X (either) moves if (it is) red, or (it is) black.

NN09 Da muvdo, anoige redro, a nigro,
epa vegri
da ([muvdo anoige [(redro a nigro)] epa vegri])
X moves if (it is both, either) red or black, and before that, green.

NN10 Mi godzi da, anoi de, e di mi (godzi [(da anoi de) e di])
I go to X if Y, and (to) W.

NN11 Mi godzi da, anoi de, eci di mi (godzi [da anoi (de eci di)])
I go to X if to (both) Y and W.

NN12 Mi godzi da, anoifage de, a di, a do mi (godzi [da anoifage (<de a di> a co)])
I go to X if earlier to (either, either) Y or W, or Q.

OO. Spelling (8)
(No new LWs)

OO01 Liu artomi purkaa liu atom, e nu leasri li, a. rei. tei. o. mei. i, lu (liu artomi) ([purkaa (liu atom)]) e ([nu leasri]) (li a. rei. tei. o. mei. i lu))
The word 'artomi' is derived from the word 'atom', and is spelled 'eigh. are. tee. oh. em. eye'.

OO02 Liu atmo sui purkaa liu atom, e nu leasri li, a. tei. mei. o, lu ([liu atmo] sui) ([purkaa (liu atom)]) e ([nu leasri]) (li a. tei. mei. o lu))
The word 'atmo' also is derived from the word 'atom', and is spelled 'eigh. tee. em. oh'.

OO03 Ie le to po purkaa ga nu fundi tu (ie [le to (po purkaa)]) (ga ([nu fundi] tu))
Which of the two derivations do you like better?

OO04 Liu protoni purkaa liu proton, e nu leasri li, pei. rei. o. tei. o. nei i, lu (liu protoni) ([purkaa (liu proton)]) e ([nu leasri]) (li pei. rei. o. tei. o. nei i lu))
The word 'protoni' is derived from the word 'proton', and is spelled 'pea. are. oh. tee. oh. en. eye'.

OO05 Liu purkaa purkaa li purda kamla lu, e nu leasri li, pei. u. rei. kei. a. a, lu (liu purkaa) ([purkaa (li purda kamla lu)]) e ([nu leasri]) (li pei. u. rei. kei. a. a lu))
The word 'purkaa' is derived from 'purda kamla', and is spelled 'pea. you. are. keigh. eigh'.

OO06 Artomi. a. rei. tei. o. mei. i artomi a. rei. tei. o. mei. i
Artomi. eigh. are. tee. oh. em. ee.

OO07 Atmo. a. tei. mei. o
atmo. a. tei. mei. o
Atmo. eigh. tee. em. oh.

OO08 Protoni. Pei. Rei. O. Tei. O. Nei. I
protoni. pei. rei. o. tei. o.
nei. i
Protoni. pea. are. oh. tee. oh. en.
eye.

PP. Sentences in VOS Order (4)

(goa)

PP01 Goa seidjo lue no nu trecynro bekti
ji vi lo rardza goa lea surpernova
goa (seidjo ([lue <(no [nu
trecynro]) bekt>] (ji <(lo
rardza)>))) goa (lea surpernova)
Among the most interesting objects
in the universe (all-existence)
are the supernovae.

PP02 Goa gudbi lo cutci lopo pueblo lo
naldi goa lo mroza
goa (gudbi [(lo cutci) (lopo <pueblo
(lo naldi)>)]) goa (lo mroza)
Better than shoes for driving (push-
hitting) nails are hammers.

PP03 Goa gudbi lo cutci lopo pueblo lo
naldi goa lo mroza
goa (gudbi [(lo cutci) (lopo <pueblo
(lo naldi)>)]) goa (lo mroza)
Better than shoes for driving (push-
hitting) nails are hammers.

PP04 Na levi delnai goa bilti lo blabi
flora goa rui re lea floryelu lo
redro
(na [levi delnai]) (goa [bilti (lo
<blabi flora>]] goa [(rui <re (lea
floryelu)>) (lo redro)])
These days, more beautiful than
white flowers, are, according to
most flower-lovers, red ones.