Proto-Forest

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Part I Introduction

Introduction, history, etc.

Part II

Phonology

1 Consonants

	Bilabial	Labiodental	Dental	Alveolar	Post-alveolar	Palatal	Velar	Glottal
Nasal	m ^j m ^γ		\mathbf{n}^{γ}	n^{j}		n	ŋ	
Plosive	p ^j p ^y b ^j b ^y		$\mathbf{t}^{\mathbf{y}} \mathbf{d}^{\mathbf{y}}$	$t^j d^j$		ст	kg	
Fricative	1 1	f ^j f ^y v ^j v ^y		\mathbf{s}^{y}	ſ	ç	x	h
Lateral approximant				lì là		-		
Flap				$\mathbf{r}^{\mathbf{j}} \ \mathbf{r}^{\mathbf{y}}$				

2 Vowels

2.1 Monophthongs



2.2 Diphthongs

uə əi iə əu

3 Stress

Stress falls on the first syllable.

4 Phonotactics

4.1 Word-initial consonant clusters

Words can begin with clusters of two or three consonants. In general, all the consonants in a cluster agree in their quality, i.e. either all are broad or all are slender. Two-consonant clusters consist of an obstruent consonant followed by a liquid or nasal consonant (however, labial consonants may not be followed by a nasal). In addition, $/s^v/$ and /f/ may be followed by a voiceless stop. Three-consonant clusters consist of $/s^v/$ or /f/ plus a voiceless stop plus a liquid.

4.2 Post-vocalic consonant clusters and epenthesis

Like word-initial consonant clusters, post-vocalic consonant clusters usually agree in broad or slender quality.

A cluster of $/r^y$, r^j /, $/l^y$, l^j /, or $/n^y$, n^j / followed by a labial or dorsal consonant (except the voiceless stops $/p^y$, p^j /, /k, c/) is broken up by an epenthetic vowel /a/. There is no epenthesis, however, if the

vowel preceding the cluster is long or a diphthong. The least three syllables long.	here is also no epenthesis into words that are at

Part III Morphology

The morphology of Proto-Forest depends on what kind of vowel or consonant the word starts with. "SC" in the tables below refers to the word starting with a slender consonant. "BC" in the tables below refers to the word starting with a broad consonant. "SV" in the tables below refers to the word starting with a slender vowel. "BV" in the tables below refers to the word starting with a broad vowel.

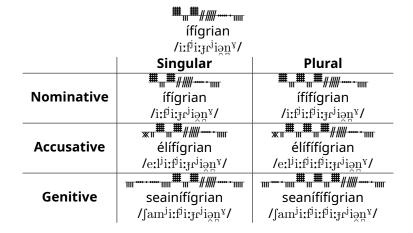
1 Nouns

Nouns are classed into two genders: Masculine and Feminine. Masculine nouns are nouns that end in a broad consonant or vowel. Feminine nouns are nouns that end in a slender consonant or vowel. "Redup" in the tables below means to reduplicate the first syllable onto the start of the word.

1.1 Masculine Noun Declension

	Singular	Plural
Nominative	No affix	Redup
	Prefix /eːl ^j / (SV)	Redup + Prefix /eːl ^j / (SV)
Accusative	Prefix /eːə̯ilɣ (BV)	Redup + Prefix /eːəi̯lɣ (BV)
	Prefix /eːlʲε/ (SC)	Redup + Prefix /eːl ^j ɛ/ (SC)
	Prefix /eːl ^j a/ (BC)	Redup + Prefix /eːl ^j a/ (BC)
	Prefix /∫am ^j / (SV)	Redup + Prefix /ʃam ^j / (SV)
Genitive	Prefix /∫ang ^y / (BV)	Redup + Prefix /∫ang ^y / (BV)
	Prefix /∫aɪ/ (SC)	Redup + Prefix /ʃaɪ/ (SC)
	Prefix /ʃa/ (BC)	Redup + Prefix /ʃa/ (BC)

1.1.1 Example



1.2 Feminine Noun Declension

	Singular	Plural
		Prefix /ɾʲ/ (SV)
Nominative	No affix	Prefix /r³/ (BV)
Noninative		Prefix /ɾʲiː/ (SC)
		Prefix /r ^j i:əi̯/ (BC)
	Suffix /n ^j i:/ (SV) Suffix /i:/ (BV/SC)	Prefix $/r^{j}$ + Suffix $/n^{j}$ i:/ (SV)
Accusative		Prefix $/r^{\gamma}$ + Suffix $/i$:/ (BV)
Accusative		Prefix /r ^j iː/ + Suffix /iː/ (SC)
	Suffix /əi̯iː/ (BC)	Prefix /r ^j iːəi̯/ + Suffix /əi̯iː/ (BC)
		Prefix /ɾʲ/ + Suffix /əi̯/ (SV)
Conitivo	Genitive Suffix /əi̯/ (BV/SV/BC) Suffix /əi̯/ (SC)	Prefix $/r^{\gamma}$ + Suffix $/\partial i$ (BV)
Genitive		Prefix /r ^j iː/ + Suffix /iə̯/ (SC)
		Prefix /c ^j i:əi̯/ + Suffix /əi̯/ (BC)

1.2.1 Example

∦#			
	gí		
	/ɟiː/		
	Singular	Plural	
	# ##	//// # // #	
Nominative	gí	rígí	
	/ _J iː/	/ɾʲiːɟiː/	
	# # #	<i> # </i> # #	
Accusative	gíní	rígíní	
	/ɟiːnʲiː/	/ɾʲiːɟiːnʲiː/	
	// ^{##} •	//// [#] // [#] *	
Genitive	gía	rígía	
	/jiːəi̯/	/r ^j iːɟiːəi̯/	

2 Pronouns

All pronouns end in vowels.

Nominative	Accusative	Genitive
Suffix /n ^j / (SV)	Suffix /m ^j / (BV)	Suffix /n// (BV)
Suffix $/n^y$ / (BV)	Suffix /əi̯n̪ɣ/ (SV)	Suffix /əi̯n̪ɣəi̯/ (SV)

2.1 Example

ei			
/ɛ/			
Nominative	Accusative	Genitive	
····· ·····		 	
ein	eian	eiana	
/en ^j /	/ɛəi̯nɣ/	/ɛəi̯n̞ɣəi̯/	

3 Verbs

	PRES	PAST	FUT
		Prefix /t ^j / (SV)	Prefix /m ^y / (BV)
1.SG	Prefix /f ^y u:/ (BC/SV/BV)	Prefix /t̪ˠ/ (BV)	Prefix / m^j / (SV)
1.30	Prefix /f ^y u::/ (SC)	Prefix /t ^j iː/ (SC)	Prefix /m ^y əi̯/ (BC)
		Prefix /t ^j i:əi̯/ (BC)	Prefix /myəu/ (SC)
		Prefix /k/ (BV)	Prefix /s ^y k/ (BV)
2.SG	Prefix /ceː/ (SC/BV/SV)	Prefix /c/ (SV)	Prefix /ʃc/ (SV)
2.30	Prefix /ceːəi̯/ (BC)	Prefix /koː/ (BC)	Prefix / s^y ka:/ (BC)
		Prefix /koːɪ/ (SC)	Prefix / s^y ka::/ (SC)
	Prefix /k/ (BV)		Prefix /ʊn̪ˠ/ (BV)
3.SG	Prefix /c/ (SV)	Prefix /d ^j r ^j ɛ/ (SV/BV/SC)	Prefix / m^j / (SV)
3.30	Prefix / ca / (BC)	Prefix /d ^j ɾ ^j ɛəi̯/ (BC)	Prefix /ʊn̪ˠəi̯/ (BC)
	Prefix /caɪ/ (SC)		Prefix /ʊ¤̯ɣə̣̣̣̣̣̣̣/ (SC)
	Prefix /b ^y / (BV)	Prefix /k/ (BV)	Prefix /iːç/ (SV)
1.PL	Prefix /b ^j / (SV)	Prefix /c/ (SV)	Prefix /iːəi̯x/ (BV)
1.7 L	Prefix /b ^j ε/ (SC)	Prefix /kuə̯/ (BC)	Prefix /iːçɛ/ (SC)
	Prefix /b ^j a/ (BC)	Prefix /kɪ/ (SC)	Prefix /iːça/ (BC)
	Prefix /x/ (BV)	Prefix /kr ^y / (BV)	Prefix /g/ (BV)
2.PL	Prefix /ç/ (SV)	Prefix /cr ^j / (SV)	Prefix /ɟ/ (SV)
Z.F L	Prefix /xoː/ (BC)	Prefix /cr ^j ɪ/ (SC)	Prefix /guə̯/ (BC)
	Prefix /xox/ (SC)	Prefix /cr ^j iạ∕ (BC)	Prefix /gɪ/ (SC)
	Prefix /d̪ˠ/ (BV)	Prefix /əi̯xt̪ˠ/ (BV)	Prefix /aːm ^y / (BV)
3.PL	Prefix / d^j / (SV)	Prefix /əʊ̯çt ^j / (SV)	Prefix /aːɪm ^j / (SV)
J.FL	Prefix /d ^j iạ∕ (BC)	Prefix /əi̯xt̪ˠəi̯/ (BC)	Prefix /aːm ^j iː/ (SC)
	Prefix /d ^j ɪ/ (SC)	Prefix /əu̞çt ^j ɪ/ (SC)	Prefix /aːmɣəi̯/ (BC)

3.1 Example

யி_க chú /xuː/

	PRES	PAST	FUT
	111 G 1111 G	₩₩.ШЦ	<i>∱</i> -Ш⊥-
1.SG	fúchú	tíachú	machú
	/f ^y uːxuː/	/t ^j iːəi̯xuː/	/m ^y əi̯xuː/
	ж.ш.	ШФШТ₽	₩₩ <u>₩</u> ₩₩
2.SG	céachú	cóchú	scáchú
	/ceːəi̯xuː/	/koːxuː/	/s ^y ka:xu:/
	ш	л//// лит <u>г</u>	
3.SG	ceachú	dreiachú	unachú
	/caxuː/	/d ^j r ^j ɛəi̯xuː/	/ʊn̪ˠxuː/
	т	Ш.,,Ш.	########
1.PL	beachú	cuachú	ícheachú
	/b ^j axu:/	/kuə̯xuː/	/iːçaxuː/
	шт∳шт₽	ш////	#
2.PL	chóchú	criachú	guachú
	/xo:xu:/	/cr ^j iə̯xuː/	/guə̯xuː/
	т	•111111-11117-	₩•Ш
3.PL	diachú	achtachú	ámachú
	/d ^j iə̯xuː/	/əjxtəjxu:/	\arm _k əğxn:\

Part IV

Derivational Morphology

To turn an adjective into an adverb, suffix /əi̯/ if it ends in a broad consonant or vowel, or /a/ if it ends in a slender consonant or vowel.

To turn an adjective into a noun denoting the quality of being that adjective, suffix $/r^y$ if it ends in a broad vowel, $/r^y$ if it ends in a slender vowel, $/r^y$ if it ends in a broad consonant, or $/r^y$ if it ends in a slender consonant.

To turn an adjective into a verb denoting the action of making something that adjective, suffix /y if it ends in a slender vowel, /y if it ends in a broad vowel, /2y if it ends in a broad consonant, or /2y if it ends in a slender consonant.

To turn a noun into an adjective denoting something having the quality of that noun, suffix $/\dot{q}^y$ if it ends in a broad vowel, $/\dot{q}^j$ / if it ends in a slender vowel, $/\dot{u} \neq \dot{q}^y$ / if it ends in a slender consonant, or $/\dot{i} \neq \dot{q}^y$ / if it ends in a slender consonant.

To turn a noun into an adjective relating to that noun (e.g. economy to economic), suffix lia / lia / lia if it ends in a slender consonant or any vowel, or la / lia if it ends in a broad consonant.

To turn a noun into a verb, suffix /g/ if it ends in a broad vowel, $/\frac{1}{2}$ / if it ends in a slender vowel, $/\frac{1}{2}$ / if it ends in a broad consonant, or $/\frac{1}{2}$ / if it ends in a slender consonant.

To turn a verb into an adjective denoting the result of doing that verb, prefix $/t_{\underline{y}}$ if it starts with a broad consonant or any vowel, or $/t_{\underline{y}}$ if it starts with a slender consonant.

To turn a verb into another verb denoting the tendenancy to do that verb, prefix $/ar^ys^y$ / if it starts with a broad vowel, $/aur^j fe$:/ if it starts with a slender consonant, or $/aur^j fe$:ai/ if it starts with a broad consonant.

To turn a verb into a noun denoting the act of doing the verb, prefix /iːfʲ/ if it starts with a slender vowel, /iːəi̯fˠ/ if it starts with a broad vowel, /iːfʲiːəi̯/ if it starts with a broad consonant, or /iːfʲiːəi̯/ if it starts with a broad consonant.

To turn a verb into a noun that that verb produces (e.g. know to knowledge), prefix $/\alpha$:/ if it starts with a broad consonant or any vowel, or $/\alpha$:/ if it starts with a slender consonant.

To turn a verb into a noun denoting one who does that verb (e.g. paint to painter), suffix l = 1/2 if it ends in a broad consonant or vowel, or l = 1/2 if it ends in a slender consonant or vowel.

To turn a noun into a noun that denotes the place where that noun takes place (e.g. wine to winery), suffix $/c^jt^j$ / if it ends with a slender vowel, $/c^yt^y$ / if it ends with a broad vowel, $/igc^yt^y$ / if it ends with a slender consonant, or $/\partial uc^jt^j$ if it ends with a broad consonant.

To turn a word into its dimunitive form, suffix $/\int t^j / if$ it ends in a slender vowel, $/s^y t^y / if$ it ends in a broad vowel, $/e:\int t^j / if$ it ends in a slender consonant, or $/e:\partial_i s^y t^y$ if it ends in a broad consonant.

To turn a word into its augmentative form, suffix /1 if it ends in a slender consonant or any vowel, or /24 if it ends in a broad consonant.

Part V **Syntax**

Proto-Forest uses VSO word order and uses prepositions. Double negatives remain negative. Nouns precede both articles, determiners, and adjectives, but come after numbers and pronouns. When a noun possess's another noun, the possessee comes first. There is no indefinite article, but there is a definite article.

Part VI Orthography

Broad consonants must appear next to broad vowels. Slender consonants must appear next to slender vowels. The following consonants are broad consonants and vowels.

Sound	Ogham	Romanization
$-p_{\lambda}$	Т	b
\mathbf{p}_{λ}	ШТ	р
$\mathrm{m}^{\mathrm{\gamma}}$	<i>†</i>	m
\mathbf{f}^{Y}	ш	f
\mathbf{v}^{γ}	// /	bh / mh
\mathbf{n}^{y}	тт	n
ťλ	ш	t
$ec{f d}_{\lambda} \ ec{f d}_{\lambda} \ ec{f c}_{\lambda}$	П	d
\mathbf{s}^{γ}	ш	S
l^{γ}	π	I
\mathbf{t}_{λ}	###	r
ŋ	· · · · · //	ng
k	Ш	С
g	#	g ch
x	ШТ	ch
əj	+	a
Э	*	О
υ		u
ar	¥	á
O.	♦	á ó ú
uː	<u></u> 5	ú

The following are slender consonants and vowels.

Sound	Ogham	Romanization
b^{j}	Т	b
p^{j}	ШТ	р
$ m m^{j}$	<i>†</i>	m
$\mathbf{f}^{\mathbf{j}}$	ш	f
$egin{array}{c} \mathbf{m^j} \ \mathbf{f^j} \ \mathbf{v^j} \end{array}$	간/ / *	bh / mh
n^{j}	тт	n
t^j	ш	t
d^{j}	П	d
ſ	πг	S
∫ l ^j r ^j	π	l
\mathbf{r}^{j}	###	r
n	ım#	ng
$^{\mathrm{c}}$	ш	С
J	#	g
ç	ШТ	ch
I		i
ε	****	е
iː	#	í
eː	Ж	é

The consonant /h/ ($^{\rm l}$) (h) is neither broad nor slender. As for diphthongs...

Sound	Ogham	Romanization	Beginning Quality	Ending Quality
iə	*****	ia	Slender	Broad
ә <u>й</u>	+	ai	Slender	Broad
uə	***	ua	Broad	Broad
		'		•

Part VII **Examples**

Part VIII **Lexicon**

ceag

Α

from birth to death. num. Fourteen.

abh + √əiv^ɣ/ *num.* Fifteen.

ad - /aidy/ v. Improve, to bring into a more desirable or excellent condition.

áigilea $\frac{1}{2}$ $\frac{1}{$ in which one party agrees to indemnify or reimburse another for loss that occurs under the terms of the contract.

of warmth.

sailing or navigation; mariner.

tion, disappointment, etc.; grief, sadness, or regret.

of persons for a specific purpose.

ámú ∰₄ /ɑːm^yuː/ n. Certificate, a document serving as evidence or as written testimony, as of status, qualifications, privileges, or the truth of something.

adhering, as glue; adhesive.

ást $\frac{1}{2} \ln \frac{1}{2} \sqrt{\alpha} \sin^3 t^3 / \nu$. Compare, to examine (two or more objects, ideas, people, etc.) in order to note similarities and differences.

В

bam $r + h \sqrt{b^{\gamma} aim^{\gamma}} / n$. Brother, a male offspring having both parents in common with another offspring; a male sibling. prep. Like, in like manner with; similarly to; in the manner characteristic of.

bas $r = \sqrt{b^{\gamma} ais^{\gamma}} / v$. Get, to receive or come to have possession, use, or enjoyment of.

béatha [W-||||| /b^je:əihəi/ n. Bridge, a structure spanning and providing passage over a river, chasm, road, or the like.

beibh $\int_{-\infty}^{\infty} \int_{-\infty}^{\infty} |b^{j} \varepsilon v^{j}| dv$. Gold, a precious yellow metallic element, highly malleable and ductile, and not subject to oxidation or corrosion.

bheist $\sqrt{v^{j}} \varepsilon \int t^{j} / a di$. Weird, strange; odd; bizarre.

bhó $\forall v^{\gamma}o:$ *n*. Boundary, a line or limit where one thing ends and another begins, or something that indicates such a line or limit. Also refers to Edge, a line or border at which a surface terminates; Border, the part or edge of a surface or area that forms its outer boundary; Mouth, the outfall at the lower end of a river or stream, where flowing water is discharged, as into a lake, sea, or ocean.

bhoirei $\sqrt{v^{\gamma}}$ orc j e/ n. Fashion, a prevailing custom or style of dress, etiquette, socializing, etc.

bi $_{\rm T}^{\rm min}$ /b $^{\rm j}_{\rm I}$ / $^{\rm v}$. Involve, to include as a necessary circumstance, **bud** $_{\rm T}^{\rm min}$ /b $^{\rm v}_{\rm U}$ d $^{\rm v}$ / $^{\rm adj}$. Significant, having or expressing a meancondition, or consequence; imply; entail.

tles, hair, or the like, set in or attached to a handle, used for painting, cleaning, polishing, grooming, etc.

> **bó** † /b $^{\lor}$ o:/ *n*. Image, a physical likeness or representation of a person, animal, or thing, photographed, painted, sculptured, or otherwise made visible.

> **bonua** r^*m^* / $b^{\gamma} a_j^{\gamma} u_{\varphi}$ / adj. Interior, being within; inside of anything; internal; inner; further toward a center.

> **bra** $T^{\text{m+}} / D^{\gamma} rai / n$. Match, a game or contest in which two or more contestants or teams oppose each other. num. Five.

> **bré** ⊤∰_ж /b^j r^je:/ *n*. Region, an extensive continuous part of a surface, space, or body.

> **bria** /b^jr^jia/ prep. Except, with the exclusion of; excluding; save; but. Also refers to Besides, moreover; furthermore; also.

> consequence of actions, circumstances, premises, etc.; be the outcome.

> T#### /b^γ r^γ vg/ *n*. Case, an instance of the occurrence, existence, etc., of something.

> **bú** $\overline{\mathbf{u}}$ / $\mathbf{b}^{\mathrm{y}}\mathbf{u}$:/ n. Spring, the season between winter and summer: in the Northern Hemisphere from the vernal equinox to the summer solstice; in the Southern Hemisphere from the autumnal equinox to the winter sol-

> ing; indicative.

C

cad !!!...! /kəidɣ/ v. Breathe, to take air, oxygen, etc., into the cám !!!! /kɑːmɣ/ n. Brick, a block of clay hardened by drying lungs and expel it; inhale and exhale; respire.

caq ^{⊥⊥}, /kəiq/ num. Two.

cagaí ^Ⅲ-//-^Ⅲ/kəigəii:/ num. Seven.

caimh / /kiv^j/ n. Battle, a fight between two persons or animals.

in the sun or burning in a kiln, and used for building, paving, etc.

card /kəir^yəd^y/ *n.* Woman, an adult female person.

ceag // /cag/ n. Glue, a hard, impure, protein gelatin, obtained by boiling skins, hoofs, and other animal substances in water, that when melted or diluted is a strong

dro ceo

- adhesive.
- **ceo** // /coː/ adj. Common, belonging equally to, or shared alike by, two or more or all in question.
- ness.
- chach "LLLLLL /xəix/ num. Three.
- exercise.
- **chém** "/ /çeːm^j/ n. Enemy, a person who feels hatred for, fosters harmful designs against, or engages in antagonistic activities against another; an adversary or oppo-
- chiscia (kiʃag/ v. Lose, to come to be without praise, commendation, or admiration.
- chlach "" /xl^yəix/ num. Ten.
- **chlaithiad** "", ", ", ", ", ", ", ", xl^yəuhiəd^y/ *adj.* Evident, plain or clear to the sight or understanding.
- **chlíl** $\parallel \parallel \parallel_{\parallel} \parallel_{\parallel} / \zeta l^{j} i : l^{j} / n$. Sky, the region of the clouds or the upper air; the upper atmosphere of the earth.
- **chlú** $\frac{\|\mathbf{u}\|_{\mathbf{u}}}{\|\mathbf{u}\|}/\|\mathbf{x}\|^{\gamma}$ u:/ n. God, one of several deities, especially a male deity, presiding over some portion of worldly af-
- choichtiart // xɔɪct jiər yət y/ n. Winery, an establishment for making wine.
- body resting on or close to the ground, as a worm or caterpillar, or on the hands and kness, as a young child.
- moving, going, traveling, etc.
- ciú (cuː/ v. Test, the means by which the presence, quality, or genuineness of anything is determined; a means of trial.
- **clad** $\mbox{$^{\text{III}}$}_{\mbox{$\Pi^{\text{-}}$}}\mbox{$^{\text{L}}$} / k l^{\gamma} \mbox{$\partial \underline{i} \underline{d}^{\gamma}$} / \ \emph{n.}$ Person, a human being, whether an adult or child.
- cleir // cl^jɛɾ^j/ adj. Light, of little weight; not heavy.

- Felidae, such as the lion, tiger, leopard, jaquar, etc.
- or overflowing of water, especially over land not usually submeraed.
- **cobh** "\"/\ksv\"/ v. Like, to take pleasure in, find agreeable or congenial.
- coda "La" /kɔd̪ɣəi/ n. Extent, the space or degree to which a thing extends; length, area, volume, or scope.
- coi ||| /kɪ/ pron. We.
- **coipébh** $\frac{\text{III.......}}{\text{XKI}^l}/\mathrm{kip}^j\mathrm{e:v}^j/\nu$. Might, used to express possibility.
- (something in one's possession or care), through accident, theft, etc., so that there is little or no prospect of recovery.
- cras /kr^yəis^y/ adj. Boring, causing or marked by boredom; dull and uninteresting; tiresome.
- **crei** ^{□□}/_{cr}j_ε/ *n.* Tear, a rent or fissure.
- **cri** /cr^j_I/ *n.* Area, any particular extent of space or surface; part.
- **criart** /cr^jiər^yət^y/ adv. Ago, in past time; in the past.
- **crisea** " /cr^jɪʃa/ *n.* Question, a sentence in an interrogative form, addressed to someone in order to get information in reply.
- **crort** ""/" /kr^yɔr^yətˈ/ v. Limp, to walk with a labored, jerky movement, as when lame.
- cú 🕮 ៤ /kuː/ v. Screw, to fasten, tighten, force, press, stretch tight, etc., by or as if by means of a screw or device operated by a screw or helical threads. num. One thousand.
- cuar // /kuəɾˠ/ adj. Native, being the place or environment in which a person was born or a thing came into being.
- **cúin** $\frac{1}{2}$ /kuːm^j/ *n.* Year, the time in which any planet completes a revolution round the sun.

D

- da [⊥]-/d^yəi/ num. Six.
- **dacu** ^{ևլևլ} /d̪ˠəi̯kʊ/ *n.* Mistake, an error in action, calculation, opinion, or judgment caused by poor reasoning, carelessness, insufficient knowledge, etc.
- **dam** $-\frac{1}{2} / \frac{1}{2} \sin^{3} t$ *n*. Candy, any of a variety of confections made with sugar, syrup, etc., often combined with chocolate, fruit, nuts, etc.
- das "-m /d vəis v/ adj. Stupid, lacking ordinary quickness and keenness of mind: slow-witted.
- **deiadait** /d^jɛəid^yəut^j/ n. Glove, a covering for the hand made with a separate sheath for each finger and for the thumb.
- dia "----/d^ji₂/ v. Wiggle, to move or go with short, quick, irregular movements from side to side.

- **dicea** '----'/d^jica/ *n*. Expression, a look or intonation expressing personal reaction, feeling, etc.
- **dínias** $^{\parallel \parallel}$ / d^{j} i: n^{j} i gs^{y} / n. Egg, the roundish reproductive body produced by the female of certain animals, as birds and most reptiles, consiting of an ovum and its envelope of albumen, jelly, membranes, egg case, or shell, according to species.
- **dó** $^{\perp}$ \Diamond / $^{\vee}$ o:/ conj. Because, for the reason that; due to the fact
- **dra** "##-/d\[\frac{1}{2} \] adv. When, at what time period; how long ago; how soon.
- **dreig** $\parallel / / d^{j} r^{j} \varepsilon_{J} / n$. Witch, a person, especially a woman, who professes or is supposed to practice magic or sorcery; a sorceress.
- **dro** $\#\# /d^{\gamma} f^{\gamma} a$ adj. Blank, lacking some usual or complet-

dru grós

- ing feature. Also refers to Empty, containing nothing; having none of the usual or appropriate contents.
- **dru** [⊥]∰-- /d្ម^γ ្េ v. Catch, to seize suddenly or quickly; snatch; clutch. Also refers to Grab, to seize suddenly or quickly; snatch; clutch, and Intercept, to take, seize, or halt (someone or something on the way from one place to
- another); cut off from an intended destination.
- dug ¹---# /d^yvg/ v. Request, to ask for, especially politely or formally.
- **dú** $\frac{1}{16}$ / $\frac{d^{\gamma}ux$ / n. Will, the faculty of conscious and deliberate action; the power of control the mind has over one's actions.

Ε

- charge or electrical energy.
- ei --- /ɛ/ pron. She/it (feminine).
- ein ----//[/en^j/ interj. Goodbye.
- éch x^{™1}/e:c/ v. Charge, to supply with a quantity of electric éthi x^{™1}----/e:hɪ/ v. Deposit, to place for safekeeping or in trust, especially in a bank account. Also refers to Lay, to put or place in a horizontal position or position of rest; set down.

F

- **fach** The internal, situated or existing in the internal, situated or existing in the internal. rior of something; interior.
- **failia** Though, (used in introducing a subordinate clause, which is often marked by ellipsis) notwithstanding that; in spite of the fact that; although. Also refers to Although, in spite of the fact that; even though; though.
- **feisceo** γ /f^jε[coː/ ν. Wait, to remain inactive or in a state of repose, as until something expected happens.
- fí π[#]/f^ji:/ pron. You (singular).
- fiseang ______ /fis[an/ v. Draw, to sketch (something or someone) in lines or words; delineate; depict.
- **fódua** $m v^{\mu} / f^{\gamma} o d^{\gamma} u_{\vartheta} / v$. Date, to go out socially on dates.
- frag ###-# /fvr\aig/ n. Field, an expanse of open or cleared fug #-# /fvog/ n. Alphabet, the letters of a language in their ground, especially a piece of land suitable or used for

- pasture or tillage. Also refers to Arena, a central stage, ring, area, or the like, used for sports or other forms of entertainment, surrounded by seats for spectators.
- **frég** $m \# f^j c^j e_j / n$. Cork, the spongy layer of bark of the cork oak, used for making a wide range of products, including bottle stoppers, beverage coasters, fishing rod handles, bulletin boards, sound and heat insulation, and flooring materials.
- **fríl** $\mathbf{m}^{\mathbf{m}} \mathbf{m}^{\mathbf{m}} \mathbf{f}^{j} \mathbf{r}^{j} \mathbf{i} \mathbf{1}^{j} / n$. Candle, a long, usually slender piece of tallow or wax with an embedded wick that is burned to aive liaht.
- **fruini** "##----/f^{\gamma}/f^{\gamma}\gamma'\f\ga
- customary order.

G

- ga #-/gəi/ num. Twenty.
- **qá** 狀/gɑː/ adj. Big, large, as in size, height, width, or amount.
- **gad** $\#^{\perp}$ /gəidy/ n. Shame, the painful feeling arising from the consciousness of something dishonorable, improper, ridiculous, etc., done by oneself or another.
- gang #-mm# /gain/ n. Student, a person formally engaged in learning, especially one enrolled in a school or college;
- overtake, etc.
- fault, disappointment, etc.).
- **geir** #----##/_{JEf}^j/ v. Increase, to make greater, as in number, size, strength, or quality; augment; add to.
- **gí** # /_{ji:}/ n. Boat, a vessel for transport by water, constructed to provide buyoancy by excluding water and shaped to give stability and permit propulsion.
- **giag** #----#/Jieg/ n. Bathroom, a lavatory.

- for specific information.
- **glád** $\#_{\Pi}X^{\Pi}$ /gl $^{\Upsilon}\alpha$: d^{Υ} / n. Belt, a band of flexible material, as leather or cord, for encircling the waist.
- glaithia ##----/gl\squhia/ adj. Cool, socially adept; fashionable.
- **glias** $\#_{\Pi}$ $\longrightarrow_{\Pi} /_{J} |\dot{j}|_{\dot{j} \otimes S}$ / n. Body, the material structure and material substance of an animal or plant, living or dead.
- **gant** $\#_{\text{Total}} \text{ } g = \sum_{i=1}^{N} y_i \text{ } g = \sum_{i=1}^{N} y_i$
 - of, showing, or characterized by deep thought. Also refers to Serious, of grave or somber disposition, character, or manner,
 - **gon** # gon m /gon / n. Sap, the juice or vital circulating fluid of a plant, especially of a woody plant.
 - **graimí** ###---/# /gr^yəum^ji:/ *n*. Vision, the act or power of sensing with the eyes; sight.

gua muar

grós ###\dag{\gr\v. Pass, to move past; go by. Also refers to Cross, to move, pass, or extend from one side to the other of (a street, river, etc.).

gua #--- /guə/ adj. Specific, having a special application, bear-

ing, or reference; specifying, explicit, or definite.

qur #-## /gur\/ n. Part, a portion or division of a whole that is separate or distinct; piece, fragment, fraction, or section; constituent.

Ι

iaco -----/iaka/ v. Repeat, to do, make, or perform again.

iceas // /ɪcas^ɣ/ n. Torture, the act of inflicting excruciating pain, as punishment or revenge, as a means of getting a confession or information, or for sheer cruelty. Also refers to Abuse, bad or improper treatment;

ífíachá $\mathbf{m}_{\mathbf{m}}$ $\mathbf{m}_{\mathbf{m}}$ /iːf^ji:əixɑ:/ n. Preparation, a proceeding, **ífítré** $\mathbf{m}_{\mathbf{m}}$ $\mathbf{m}_{\mathbf{m}}$ /iːf^ji:t^j $\mathbf{r}^{\mathbf{j}}$ e:/ n. Reflection, an image; representation of the second of measure, or provision by which one prepares for some-

ificriag #m#m#m*i:f^ji:cr^ji@g/ *n*. Exam, the act or process of testing pupils, candidates, etc., as by questions.

ififrim $m_{m} m_{m} m_{m} m_{m} m_{m} m_{m} m_{m} m_{m} m_{m} n$. Discovery, the act or process previously unknown, or an instance of this.

ifigrian #####//ixf^jixr^jiən^y/ n. Victory, a success or triumph over an enemy in battle or war.

ifipim ######//ixf^jixp^jm^j/ n. Entrance, a point or place of entering; an opening or passage for entering, as a door-

tation; counterpart.

ingo ###/- /cm²/ v. Freeze, to become hardened into ice or into a solid body; change from the liquid to the solid state by loss of heat.

of seeing, finding, or gaining knowledge of something irea —##—-/Iria/ n. Warrior, a person engaged or experienced in warfare; soldier.

la π /l^yei/ pron. I. n. Death, the act of dying; the end of life; leir π——#/l^jει^j/ v. Drive, to cause and guide the movement the total and permanent cessation of all the vital functions of an organism.

lamh $\pi^{\mu}/l^{\gamma} = iv^{\gamma}/n$. Step, a support for the foot in ascending or descending.

las | /lyəisy/ v. Arque, to present reasons for or against a thing. Also refers to Argue, to contend in oral disagreement; dispute.

lei π —— / $l^{j}\epsilon$ / pron. You (plural). n. Cabinet, a piece of furniture with shelves, drawers, etc., for holding or displaying items. Also refers to Drawer, a sliding, lidless, horizontal compartment, as in a piece of furniture, that may be drawn out in order to gain access to it.

drives.

of (a vehicle, an animal, etc.).

li $\pi^{--}/l^{j_{I}}$ / num. Eight.

lial The liable / liable / adj. New, of recent origin, production, purchase, etc.; having but lately come or been brought into

lim T—//l^jm^j/ n. Castle, a fortified, usually walled residence, as of a prince or noble in feudal times.

loda T+1 / lyodyai/ v. Starve, to die or perish from lack of food or nourishment. Also refers to Starve, to be in the process of perishing or suffering severely from hunger.

lu $\pi^{-}/l^{\gamma}v/n$. Country, a state or nation.

М

má $\# /m^y\alpha$:/ v. Confess, to acknowledge or avow (a fault, crime, misdeed, weakness, etc.) by way of revelation.

man /- m /m /m / n. Door, a movable, usually solid, barrier for opening and closing an entranceway, cupboard, cabinet, or the like, commonly turning on hinges or sliding in grooves. Also refers to Gate, a movable barrier, usually on hinges, closing an opening in a fence, wall, or other enclosure.

gain; obtain.

méleoisea /x /m^jeːl^joɪʃa/ num. Thirteen.

méng $/\sqrt{m^j} e_{in} / adv$. There, in or at that place.

miach $/m^{j}iax/v$. Invite, to request the presence or participation of in a kindly, courteous, or complimentary way, especially to request to come or go to some place, gathering, entertainment, etc., or to do something.

mis /---m /m^jIJ/ *n*. Boss, a person who employs or superintends workers; manager.

mó /∜ /m^yo:/ n. Dog, a domesticated canid, Canis familiaris, bred in many varieties.

mol /- $_{\rm II}$ /m $^{\rm Y}$ ol $^{\rm Y}$ $^{\rm V}$. Open, to move (a door, widown sash, etc.) from a shut or closed position so as to admit of passage.

mu /-- / m^{γ} v/ num. One million.

muar /---//// /myuəry/ adj. Angry, feeling or showing anger or strong resentment.

ná seairi

N

ná $m_{\overline{\lambda}}/n_{\overline{\lambda}}$ / $n_{\overline{\lambda}}$ / $n_$ stock. Also refers to Soup, a liquid food made by boiling or simmering meat, fish, or vegetables with various added ingredients.

niath mill /n^ji₂h/ n. Property, a piece of land or real estate.

nin m /n^jm^j/ *num.* Eighteen.

nu $m^{*}/n^{\gamma}v$ / adv. As, to the same degree, amount, or extent; similarly; equally.

0

óch ψ^{mil}/o:x/ ν. Rule, to control or direct; exercise dominating **óna** ψ_{mil}/o:n/(ν. Grip, to grasp or seize firmly; hold fast. power, authority, or influence over; govern.

maio my/ num. Twelve.

osta *----// /os^yt^yəi/ pron. He/it (masculine).

ót ♦ \textit{\texti}\textit{\textit{\texti}\textit{\textit{\textit{\textit{\textit{\textit{\textit{\textit{

P

to the senses, especially to taste or smell.

pain /p^yəun^j/ n. Family, a basic social unit consisting of parents and their children, considered as a group, whether dwelling together or not.

péar $/p^j ex^j / n$. Sphere, a solid geometric figure generated by the revolution of a semicircle about its diameter; a round body whose surface is at all points equidistant from the center. Also refers to Circle, a closed plane curve consisting of all points at a given distance from a point within it called the center.

pei $\frac{1}{2} \frac{1}{2} \frac{1}{2}$

pabhuad "\pyaiv\uady\ adj. Delicious, highly pleasing piad \"\pyaiv\uady\ v. Be, to exist or live; to take place; happen; occur; to occupy a place or position; used as a copula to connect the subject with its predicate adjective, or predicate nominative, in order to describe, identify, or amplify the subject.

pímh ##//p^jiːv^j/ n. Trouble, difficulty, annoyance, or harass-

pis $\frac{||\mathbf{n}||}{||\mathbf{n}||}/p^{j}$ [/ n. Fight, any contest or struggle.

pom $/ p^y \text{om}^y / n$. Intervention, interposition or interference of one state in the affairs of another.

pua μ /p μ /p μ / adv. Once, at one time in the past: formerly.

R

class; separate into sorts; classify.

rar ##-## /r\end{a}ir\end{a}/ n. Class, the period during which a group of students meets for instruction.

reichsim ##-----//rjec[imj/ v. Approach, to come near or nearer to.

réstiuad ######### /rje:ʃtj:uədɣ/ adj. Violent, acting with or characterized by uncontrolled, strong, rough force.

at some earlier time.

> **ros** # r n. Steel, any of various modified forms of iron, artificially produced, having a carbon content less than that of pig iron and more than that of wrought iron, and having qualities of hardness, elasticity, and strength varying according to composition and heat treament.

S

strands or threads, by winding together; intertwine.

sca mill-/sykai/ *prep.* Through, by reason of or in consequence

scean from /[can^j/ conj. While, during or in the time that.

sciar m^{μ} / $ciagr^{\gamma}$ / ν . Travel, to go from one place to another, as by car, train, plane, or ship; take a trip; journey.

sciú millo /ʃcuː/ n. Energy, the capacity for vigorous activity; available power.

saibh m^{-m-1}/s^{y} ouv^j/ v. Twist, to combine, as two or more scré $m^{mm} / (c^{j})$ v. Bottle, a portable container for holding liquids, characteristically having a neck and mouth and made of glass or plastic.

> normal condition of the atmosphere, manifesting itself by winds of unusual force or direction, often accompanied by rain, snow, hail, thunder, and lightning, or flying sand or dust.

scu mlll /s^ykʊ/ *pron.* They.

scúrt այալելայա /s^yku:r^yət^y/ *n.* Success, the favorable or prosperous termination of attempts or endeavors; the accomplishment of one's goals.

sear trú

- **seairi** m------/ $\int a_{1}r^{j}_{1}/$ *prop. n.* This language.
- sear // /[ar^y/ n. Language, a body of words and the systems for their use common to a people who are of the same community or nation, the same geographical area, or the same cultural tradition.
- sein $\sqrt[m]{\ln^j}$ v. Offend, to irritate, annoy, or anger; siúl $\sqrt[m]{\ln^j}$ n. Cell, a small room, as in a convent or cause resentful displeasure in.
- **seó** m → /ʃoː/ num. Seventeen.
- seo m /∫ɔ/ prep. Of, used to indicate distance or direction from, separation, deprivation, etc. (as in "within a mile of the church"). Also refers to Of, used to indicate derivation, origin, or source (as in "the plays of Shakespeare"). Also refers to Of, used to indicate possession, connection, or association (as in "the property of the church").
- **seos** $\sqrt{|x|} / |\cos x| / n$. Cake, a sweet, baked, breadlike food, made with or without shortening, and usually containing flour, sugar, baking powder or soda, eggs, and liquid flavoring.
- done quickly, without warning, or unexpectedly.

- **sigeart** m—///[Haryəty/ n. Pencil, a slender tube of wood, metal, plastic, etc., containing a core or strip of graphite, a solid coloring material, or the like, used for writing or drawing.
- **sir** $\#/[Ir^{j}/adj]$. Blue, of the color of blue.
- prison. Also refers to Compartment, a part or space marked or partitioned off.
- **stalar** $\frac{1}{m} \frac{1}{n} \frac{1}{n} \frac{1}{n} \frac{1}{n} \frac{1}{n} \frac{1}{n} \frac{1}{n} \frac{1}{n} \frac{1}{n}$ Sadness, the quality or state of being sad; sorrow.
- **stán** $\frac{1}{\|\mathbf{x}\|^{2}} \sqrt{\frac{1}{2}} \sqrt{\frac{1}{$ whose members reside in a specific locality, share government, and often have a common cultural and historical heritage.
- stuis $m^{\text{III}} / s^{\text{Y}} t^{\text{Y}} I J / n$. Bag, a container or receptacle of leather, plastic, cloth, paper, etc., capable of being closed at the mouth; pouch.
- **sú** ក្រុ /s^yuː/ num. One.
- sian ա—-ա /ʃiṇn̪ˠ/ adj. Sudden, happening, coming, made, or suí ա— sví ա- suí v. Continue, to go on after suspension or interruption.

Т

- tai "--- /t̪ˠəu/ n. Trauma, an experience that produces psychological injury or pain. Also refers to Wound, an injury, usually involving division of tissue or rupture of the integument or mucous membrane, due to external violence or some mechanical agency rather than disease.
- teá [1] /t ja:/ n. Cause, a person or thing that acts, happens, or exists in such a way that some specific thing happens as a result; the producer of an effect. num. One hundred.
- tea ^{⊥⊥}...../t^ja/ num. Eleven.
- sponse.
- thai "hau/ n. Wife, a married woman, especially when considered in relation to her partner in marriage.
- thás "\mu\mu\m'/\hats\"/ adj. Pink, a color varying from light crimson to pale reddish purple.
- theasar // /has^yair^y/ n. Difference, the state or relation of being different; dissimilarity.
- tiquing; troublesome. Also refers to Firm, not soft or yielding when pressed; comparatively solid, hard, stiff, or rigid. Also refers to Hard, not soft; solid and firm to the touch; unyielding to pressure and impenetrable or almost impenetrable. Also refers to Difficult, not esaily or readily done; requiring much labor, skill, or planning to be performed successfully; hard. Also refers to Solid, having the interior completely filled up, free from cavities, or not hollow.
- thiast /hiəsyty/ v. Blast, to hit or propel with great force. Also refers to Shoot, to discharge (a weapon).

- Also refers to Toss, to throw, pitch, or fling, especially to throw lightly or carelessly. Also refers to Fire, to discharge (a gun). Also refers to Throw, to propel or cast in any way, especially to project or propel from the hand by a sudden forward motion or straightening of the arm and wrist. Also refers to Hurl, to throw or fling with great force or vigor.
- thóch "hoːx/ num. Nineteen.
- thu hu/hu/ det. Much, great in quantity, measure, or degree.
- tia "--- /t^jia/ n. Anxiety, distress or uneasiness of mind caused by fear of danger or misfortune.
- **tid** "----" /t^j Id^j / num. Sixteen.
- tiri _____/t^jɪɾ^jɪ/ *n.* Cauldron, a large kettle or boiler.
- tiuad "----- /t^jruəd / num. Four.
- tó ^m♦ /t̪ɣoː/ n. Pile, an assemblage of things laid or lying one upon the other.
- **tóthó** ուկան /բ՜յoːhoː/ n. Lunch, a light midday meal between breakfast and dinner; luncheon.
- **tré** "#//x /t^jr^je:/ v. Reflect, to think, ponder, or meditate.
- **tró** "#// /t^y f^yo:/ adj. Sick, affected with ill health, disease, or illness; ailing.
- **trú** ឃុំ /t្មែរប្រហែល Bread, a kind of food made of flour or meal that has been mixed with milk or water, made into a dough or batter, with or without yeast or other leavening agent, and baked.

ú úl

- **ú** Image: Well, used to express surprise, reproof, etc. Also refers to Well, used to introduce a sentence, resume a conversation, etc. **ui** Image: Vu: ly/n. Nest, a pocketlike, usually more or less circular structure of twigs, grass, mud, etc., formed by a bird, often high in a tree, as a place in which to lay and incubate its eggs and rear its young; any protected place used by a bird for these purposes.