

Appendix II: Colexifications of ‘bone’ in databases

1. CLICS²

Here I present all colexifications of ‘bone’ extracted from the underlying data (not just those given in the online interface). From this, the reader can get a picture of the

Language	Form	Colexification
Andi	рокъи	BONE/CORPSE
Archi (variety 1)	лекки	BONE/CORPSE
Archi (variety 2)	лекки	BONE/CORPSE
Avar (Andalal dialect)	ракъа	BONE/ SHOULDERBLADE
Avar (Salatav dialect)	ракъа	BONE/CORPSE
Badimaya	dhaba	BONE/BURN
Bole(wa)	ùsəki	BONE/RIB
Budukh	чанахъ	BONE/BOWL/PLATE
Chamalal	йакъил	BONE/CORPSE
Chorote	-weʔlak	BONE/CORPSE
Chuka	ibindi	BONE/SHIN
Colorado	ç'ʔde	BONE/TREE/WOOD
Danish	ben	BONE/LEG
Dargwa	лига	BONE/CHEST
Dargwa (Khajdak dialect)	ликка	BONE/CORPSE
Duduela	nido	BONE/TOOTH
Dutch	been	BONE/LEG
Ecun Buyang	a.0 la.11	BONE/HARD
Embera	biui'ri	BONE/TREE TRUNK
Embera Tadó	bírɪ	BONE/FOOT
Epena	'biiri	BONE/LEG/FOOTPRINT
Flinders Island	arrga	BONE/BACK
Garus	pasi-	BONE/STICK
Guahibo	pesí:to	BONE/LOWER LEG
Guayabero	peh tit	BONE/LEG/SHIN
Gwere	igumba	BONE/SHIN
Hanoi Vn	siəŋ.1	BONE/DEW
Hawaiian	iwi	BONE/SHELL
Hill Mari	lu	BONE/TEN
Isabi	-sia	BONE/TOOTH
Jari	kùkup	BONE/NAVEL
Jita	liwa	BONE/THORN
Kalkutungu	kunka	BONE/TREE
Karata	ракъе	BONE/CORPSE/ANKLE
Kariyarra	kuji	BONE/CALF
Kartujarra	tarrka	BONE/LEG/SHIN
Khanty	luw	BONE/ HE OR SHE OR IT
Khinalug	инкI	BONE/EIGHT/ROPE
Kibosho	ifuo	BONE/FORGE

Kimbu	ikupa	BONE/JAW
Kiseri	ifuha	BONE/SHIN
Kumyk	сюек	BONE/CORPSE
Kumyk (Dorgeli dialect)	cyek	BONE/SPINE
Kumyk (Kajtak Tumenler dialect)	cyьек	BONE/CORPSE
Lahu Shi	ɔ31 u53 ku33	BONE/STONE (OF FRUIT)
Lame (Peve)	so	BONE/HUT
Lega D.25	kwá	BONE/DIE
Lengo	ḏuli-ŋgu	BONE/BODY
Lengua	-ithčipuk	BONE/LEG
Leningitij	puy	BONE/WE (INCLUSIVE)
Lezgi (Mikrakh dialect)	κlapaб	BONE/SCALE
Mabia	ligwangwa	BONE/SHIN
Maca	-inu	BONE/SPINE
Machame.unn	ifo	BONE/DIE
Malyangapa	pirna	BONE/BIG
Maori	iwi	BONE/CLAN/PEOPLE
Mapudungun	foro	BONE/TOOTH
Mari	'lu	BONE/TEN
Marquesan	ivi	BONE/MOUNTAIN OR HILL
Meadow Mari	lu	BONE/TEN
Meruimenti	mwindindi	BONE/SHIN
Middle High German	bein	BONE/LEG
Mlabri	ca ʔeŋ	BONE/COLLARBONE
Moere	kon	BONE/LEG
Nggela	huli-na	BONE/BODY
Ngoreme	ama-	BONE/EGG/HUSBAND/MALE/REED/STONE/THORN/WORD
Nogai	cyьек	BONE/CORPSE
Northern Khanty	ʈow	BONE/HORSE
Norwegian (Bokmål)	bæjn	BONE/LEG
Nyamal	koo-gi	BONE/THIGH
Old High German	bein	BONE/LEG
Old Norse	bein	BONE/LEG
Ontong Java	ivi	BONE/STRONG
Otomi	ndo'yo	BONE/BODY
Paliu	si.55 aŋ.51	BONE/RIB
Pear	k`aŋ	BONE/PRECIPICE
Piratapuyo	kõʔă	BONE/THROW
Pusing	jɔŋ	BONE/IRON
Qawasqar	q`ar	BONE/TREE/SHELL
Rotuman	sui	BONE/NEEDLE (FOR SEWING)/UNTIE
Rukiga	eigufa	BONE/SHIN
Rumai	kə.55 aŋ.412	BONE/SEED
Rumanyo (Gciriku) K.38	fûpà	BONE/SPINE/JEALOUSY
Sambaa	vuha	BONE/SHIN

Sanapaná (Enlhet dialect)	eŋeʔkapok	BONE/LEG
Secoya	tadapil̩μ	BONE/STICK
Seri	-atak	BONE/CHEST/BRANCH
Sui	la:k.7	BONE/CHAIN/ROPE
Swedish	ben	BONE/LEG
Takia	tatu	BONE/SPINE
Teiwa	kir	BONE/COMB
Totoró	tsutsik	BONE/SUGAR CANE
Tsafiqui Pila	tside	BONE/TREE/STICK/CLUB
Tuamotuan	ivi	BONE/RIB/RIDGEPOLE
Tum	siəŋ.33	BONE/REGRET
Tunebo Central	kárara	BONE/LEG/LOWER LEG/SHIN
Upper Chehalis	'šaw'	BONE/SPINE/SHOULDERBLADE
Vano	ndie	BONE/BACK
Waimaja	õã	BONE/ASH
Walade (LauS)	ɔgi-na	BONE/BACK
Wanano	kõʔã	BONE/THROW
Western Pantar	ke'e	BONE/FLESH OR MEAT
Wounaan	pa	BONE/BURNING
Yandruwandha	muku	BONE/SMOKE (EXHAUST)
Yangulam	silim	BONE/EGG/FRUIT
Yavitero	ihi-u	BONE/SHOULDERBLADE
Yoidik	pasi-	BONE/VOMIT
Yuwana	wal̩fwal̩f	BONE/BRANCH
Zanaki	eriguha	BONE/SHIN
Zhuang-Longzhou	ʔduk.7	BONE/DRIP (EMIT LIQUID)
Zuni	sa-	BONE/BOWL/CUP/DISH/PAN/PLATE/SAUCER

2. CLICS³

Here I present colexifications of 'bone' present in the online interface.

Language	Form	Colexification
Alorese, Marica	ruin̩	BONE/RIB
Amto	hae	BONE/FOOT
Andi	рокъи	BONE/CORPSE
Archi (variety 1)	лекки	BONE/CORPSE
Archi (variety 2)	лекки	BONE/CORPSE
Avar (Andalal dialect)	ракъа	BONE/SHOULDERBLADE
Avar (Salatav dialect)	ракъа	BONE/CORPSE
Bahinemo	һлби	BONE/SEED
Bole(wa)	ùsəki	BONE/RIBS
Catío	бъннѣ	BONE/SHIN
Central Lembata, Kalikasa	ri'uk	BONE/SEED
Chamalal	йакъил	BONE/CORPSE
Chorote	-weʔlak	BONE/CORPSE
Chuka	ibindi	BONE/SHIN (BONE)
Cia-Cia, Bahari	buku	BONE/SEED

Colorado	ci'ʔde	BONE/TREE
Damal	dok	BONE/LEG
Dani, Western	owak	BONE/LEG
Danish	ben	BONE/LEG
Dargwa (Khajdak dialect)	ликка	BONE/CORPSE
Dera (Mongowar Dialect)	saba	BONE/MEAT
Duna	kuni	BONE/HEAD
Dutch	been	BONE/LEG
Embera Tadó	bírɪ	BONE/FOOT
Epena	'biiri	BONE/LEG
Ese Ejja (Huarayo)	e-'sa	BONE/LEG
Faiwol (Dimtikin Dialect)	kʰun	BONE/LEG
Flinders Island	arrga	BONE/BACK
Garlali	maŋka	BONE/BACK
Garus	pasi	BONE/STICK
Guayabero	peh tit	BONE/LEG/SHIN
Gwere	igumba	BONE/SHIN (BONE)
Hamtai	yanga	BONE/LEG
Iau	i^	BONE/HEAD
Isabi	-sia	BONE/TOOTH
Kalkatungu	kunka	BONE/TREE
Karata	ракье	BONE/CORPSE
Kartujarra	tarrka	BONE/LEG/SHIN
Kiseri	ifuha	BONE/SHIN (BONE)
Konda	torone	BONE/HEAD
Kula, Lantoka	gisa'ja	BONE/RIB
Kumyk	сюек	BONE/CORPSE
Kumyk (Dorgeli dialect)	сук	BONE/SPINE
Kumyk (Kajtak dialect)	сук	BONE/CORPSE
Kwoma	apo	BONE/EGG
Labalekan, Lewotala	riuk	BONE/SEED
Lengua	-ithčipuk	BONE/LEG
Mabia	ligwangwa	BONE/SHIN (BONE)
Maca	-enu m.	BONE/SPINE
Mapudungun	foro	BONE/TOOTH
Meruimenti	mwindindi	BONE/SHIN (BONE)
Middle High German	bein	BONE/LEG
Mirniny	kampu	BONE/BACK
Moere	kon	BONE/LEG
Momuna	toko	BONE/HEAD
Moronene	'βuku	BONE/SEED
Mundurukú	dao	BONE/LEG
Mungkip	kwadi	BONE/STICK
Muyu, South	kondo	BONE/LEG
Nagatiman	εεβu	BONE/FOOT
Ngoreme	ama-	BONE/EGG/REED

Nogai	суьек	BONE/CORPSE
Norwegian (Bokmål)	bæjn	BONE/LEG
Old High German	bein	BONE/LEG
Old Norse	bein	BONE/LEG
Oro Waram	at	BONE/TOOTH
Painara, Lerek	'riuk	BONE/SEED
Paliu	si.55 aŋ.51	BONE/RIB
Qawasqar	q̣ʰar	BONE/TREE
Qiandong, South	sam ⁵³	BONE/BLOOD
Rukiga	eigufa	BONE/SHIN (BONE)
Rumai	kə.55 aŋ.412	BONE/SEED
Rumanyo (Gciriku) K.38	fûpà	BONE/BACKBONE
Sambaa	vuha	BONE/SHIN (BONE)
Secoya	tadapɾ	BONE/STICK
Siawi	haɾʔ	BONE/BLOOD
Sinhalese	aɾaya	BONE/SEED
Siraya	toural	BONE/FOOT
Swedish	ben	BONE/LEG
Tabriak	sanum mɪnam	BONE/BACK
Takia	tatu	BONE/SPINE
Tause (Deirate Dialect)	kaʰ	BONE/LEG
Tolaki, Konawe	'βuku	BONE/SEED
Tolaki, Mekongga	'βuku	BONE/SEED
Totoró	tsutsik	BONE/CANE
Tsafiqui Pila	tside	BONE/STICK
Tuamotuan	ivi	BONE/RIB
Tubbe	keʔe	BONE/FLESH; MEAT
Tunebo Central	kárara	BONE/LEG/SHIN
Upper Chehalis	'šawʔ	BONE/SPINE/SHOULDERBLADE
Usku	kla	BONE/BLOOD
Uyajitaya	nido-	BONE/TOOTH
Vano	ndie	BONE/BACK
Walade (LauS)	ɔgi-na	BONE/BACK
Yangulam	silim	BONE/EGG
Yavitero	ihi-u	BONE/SHOULDERBLADE
Zanaki	eriguha	BONE/SHIN (BONE)

3. Semantic Shifts (Zalizniak et al. 2012)

From this database, I list synchronic polysemies of 'bone' where there is strict identity of forms. The reader can look at the original data here: http://datsemshift.ru/meanings_sense=bone

Language	Form	Colexification
Yakut	мыоc	BONE/HORN
Tuvan	cөөк	BONE/TRIBE, CLAN, NATIONALITY, PEOPLE
Amharic	aɾənt	BONE/ ORIGIN, FAMILY
German	bein	BONE/LEG
Romani	kokalo	BONE/LEG

Norwegian	bein	BONE/LEG
Danish	ben	BONE/LEG
Swedish	ben	BONE/LEG
Icelandic	bein	BONE/LEG
Mongolian (Khalkha)	γas	BONE/STONE (OF A FRUIT)
Latin	os	BONE/STONE (OF A FRUIT)
Middle Persian (Pahlavi)	astag	BONE/STONE (OF A FRUIT)
Modern Greek	κόκκαλο(v)	BONE/STONE (OF A FRUIT)
Khmer	atthe ²	BONE/STONE (OF A FRUIT)
Yakut	үһүөх	BONE/STONE (OF A FRUIT)
Yaqui (Hiaki)	ota	BONE/TRUNK OR STEM (TREE, PLANT)
Ixil	b'ak	BONE/NEEDLE