nı bısā́du dз júchuı Concerning the Body of a Bisedi (Ebisedian anatomical terms)

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1 Introduction

This document enumerates the anatomical terms used in Ebisédian to refer to parts of the body. Most anatomical terms in Ebisedian are inflected for gender, as appropriate to the person being described. The epicene is used when referring to a part of the body in general, without reference to either gender.

For conciseness, we employ the following abbreviations:

masc. masculine fem. feminine epi. epicene

2 The Body

The body of the Ebisedi is called the **júchu**. The male body is **cúchu**; the female body is **juchu**í.

2.1 Main Parts

The body is divided into 3 main parts:

- The top part of the body, from the head to the shoulders, is termed the kájim, masc. kájim; fem. kacím.
- 2. The torso, excluding the arms and shoulders, is ${\bf ch\acute{u}jum}.$ Masc. ${\bf ch\acute{u}jum};$ fem. ${\bf chuc\acute{u}m}.$
- 3. The limbs (arms and legs) are collectively referred to as **síjum**; masc. **síjum**; fem. **sucím**. Note that **síjum** is a *collective singular* that refers to all the limbs on the body. Individual limbs have their own names.

2.2 Left and Right

Body parts that come in pairs, such as the eyes, eyebrows, arms, and legs, can be individually named by suffixing **cu-** for the left member, or **ro-** for the right member. For example, the arm is **bijí**, so the left arm is **cubijí** and the right arm is **robijí**.

3 The Head and Shoulders

The $\hat{\kappa}$ **ájım**, head and shoulders, include the head, the neck, and the shoulders. The masc. is $\hat{\kappa}$ **ájım**; fem. is $\hat{\kappa}$ **acím**.

3.1 The Head

The head is $\mathbf{kaj}\hat{\iota}$; masc. $\hat{\kappa}\hat{\mathbf{aj}}\hat{\iota}$; fem. $\mathbf{kac}\hat{\iota}$. The head is subdivided into the face, the scalp, and the back.

The scalp, $\mathbf{g}\phi\mathbf{kaj}\hat{\mathbf{i}}$, masc. $\mathbf{g}\phi\mathbf{kaj}\hat{\mathbf{i}}$, fem. $\mathbf{g}\phi\mathbf{kac}\hat{\mathbf{i}}$, covers the top $\frac{1}{3}$ of the head, including the forehead, but not including the eyes and eyebrows.

The face, $char\'{im}$, masc. $k\'{a}r\'{im}$, fem. $dam\'{im}$, covers the front half of the remaining portion of the head, up to and including the ears. Note that all three genders have different root words.²

The back of the head is **khekáji**, masc. **khékaji**, fem. **khekac** \hat{i} , and covers the back of the head below the **gøkají**, behind the ears.

3.1.1 The Scalp

The forehead is **graja**í; masc. **krája**ı, fem. **graca**í. The upper back of the head is **maja**í; masc. **mája**ı; fem. **maca**í.

3.1.2 Hair

Hair on the head is collectively $\mathbf{s\acute{a}\iota}$; masc. $\mathbf{p\acute{i}sa\iota}$; fem. $\mathbf{b\iota sa\acute{\iota}}$. Note that $\mathbf{p\acute{i}sa\iota}$ refers to short hair in general, and may be applied to both males and females; similarly, $\mathbf{b\iota sa\acute{\iota}}$ refers to long hair in general.

A single strand of hair is $\mathbf{s}\hat{\mathbf{\iota}}$. Note that this is a neuter noun, unlike the other anatomical terms.

3.1.3 The Face

The face consists of:

- The upper part of the face, including the eyes and eyebrows: fatuí, masc. fátuí, fem. fatuí.
 - (a) The eyes are zojí; masc. zóji; fem. zocí. This noun may be used either singularly to refer to one eye, or collectively to refer to both eyes. The left eye is cuzojí; masc. cuzóji, fem. cuzocí. The right eye is rozojí; masc. rozóji, fem. rozocí.
 - (b) The eyebrows are **char3zí**; masc. **chár3zi**; fem. **char3zó**. Note the derivation from **chári**, "expressiveness"—the eyebrows are regarded as an added dimension of expressiveness to the eyes. The left eyebrow is **cuchar3zí**; masc. **cuchár3zi**, fem. **cuchar3zó**. The right eyebrow is **rochar3zí**; masc. **rochár3zi**, fem. **rochar3zó**.

¹Note that $\mathbf{kac}\hat{\mathbf{i}}$ has a $long \bar{\mathbf{i}}$. It can be rather offensive to refer to a woman's head as $\mathbf{kac}\hat{\mathbf{i}}$ (with a short \mathbf{i}), which refers to a small plant with red flowers.

²The fem. of **charím** used to be **karím**, but it has been displaced by **damím**, which derives from **damíl**, "pretty".

 $^{^3}$ Note that epi., $\mathbf{s}\tilde{\mathbf{s}}\mathbf{t}$, is inflected like a 2nd declension noun; whereas the masc. and fem. forms are inflected as 1st declension nouns.

- 2. The nose, ngisí, masc. gísi, fem. ngisuí.
- 3. The cheeks, jumím, masc. cúmim, fem. jubím. The left cheek is referred to as cujumím; masc. cucúmim, fem. cujubím. The right cheek is rojumím; masc. rocúmim, fem. rojubím.
- 4. The mouth, lips, and chin, tágrim, masc. tágrim, fem. takrím.
 - (a) The area between the upper lip and the nose, is sibruí; masc. síbrui; fem. sipruí. The moustache is brussí, and only occurs as a masc. noun.
 - (b) The mouth is **tagru**i; masc. **tágru**i, fem. **takru**i. Note that this word refers to the opening of the mouth, not to the lips.
 - (c) The lower lip and chin is $\mathbf{kribrui}$; masc. $\mathbf{kribrui}$; fem. \mathbf{miprui} . The beard is \mathbf{kriu} , and only occurs as a masc. noun.
 - (d) The lips themselves (the pink part), is **jubru**í, masc. **cúbru**i, fem. **jupru**í.
 - (e) The chin, butágri, masc. bútagri, fem. butakrí.
- 5. The ears, kutámi, masc. kútami, fem. kutamí. Note that this noun may be used both collectively and singularly; thus, kutámi could refer to one ear, and also to both. A specific number may be used to disambiguate between them: kutámokei, "one ear"; skutámojei, "two ears" (i. e., both ears). One may also refer specifically to the left ear: cukutámi, masc. cukútami, fem. cukutamí; or to the right ear: rokutámi, masc. rokútami, fem. rokutamí.

3.2 The Neck

The neck is **nusí**; masc. **nús**i; fem. **nusu**í.

3.3 The Shoulders

The shoulders are collectively **bugha**í; masc. **púgha**i; fem. **bukha**í. The left shoulder is **cubugha**í, masc. **cupúgha**i, fem. **cubukha**í; the right shoulder is **robugha**í, masc. **ropúgha**i, fem. **robukha**í;

4 The Torso

The **chújum**, torso, is also divided into 3 parts, as described below. Note that the shoulders are *not* regarded as part of the **chújum**.

 $^{^4}$ Note that this is not the typical behaviour of collective nouns; plurals of ordinary collective nouns usually refer to multiple sets of the referent, not to multiple individual referents.

4.1 The chest

The part between the shoulders and belly is called the **t̂anu**i; masc. **t̂anu**; fem. **t̂adui**. This includes the chest and the corresponding back portion of the torso. This roughly corresponds with the thorax, but excluding the shoulders.

A man's chest (not including the back) is $t\acute{a}j\iota$ (masc. only).

A woman's breasts are jujuí. This singular term is used collectively, though sometimes the plural **3juju**í is also used. Note that this is a *neuter* noun unlike most of the other terms. It is also a colloquial word for breast milk. The left breast is **cujuju**í; the right breast is **rojuju**í.

4.2 The belly

The belly and waist, including the upper hips and the small of the back, is called the junuí; masc. cúnuí; fem. juduí.

A woman's belly is **gumúr**, which also refers to the womb. This word is usually only used to refer to a pregnant woman's belly, and is never used on a man.

4.3 The hips

The lower hips, including the groin, is called **funu**í; masc. **fúnu**i; fem. **fudu**í. Sometimes, this word is used as euphemism for the genitals.

In common parlance, **vuja**í is used for a woman's hips, which carries connotations of being curvaceous.

In medical terminology, the epicene word $j\bar{a}\iota$ is used to refer to the pelvis or pelvic area of the torso. However, this word is not used in casual conversations.

5 Limbs

There are two kinds of limbs:

- 1. The arm, bijí; masc. bíji; fem. bicí. The left arm is cubijí, masc. cubíji, fem. cubicí. The right arm is robijí, masc. robíji, fem. robicí.
- 2. The leg, rají; masc. rájí; fem. rací. The left leg is curají, masc. curájí, fem. curací. The right leg is rorají, masc. rorájí, fem. rorací.

In anthropoid creatures with tails, the tail is regarded as part of the **sijím** (limbs), and is referred to as **líji**; masc. **líji**; fem. **licí**.

5.1 The Arms

Each arm can be further subdivided into the 3 parts.

The upper arm is the **k3tájı**; masc. **k3tajı**; fem. **k3tací**. Note the derivation from **k3taí**, "strength"—the upper arm is regarded as the 'strong' part of the arm.

The forearm is the **jutajı**; masc. **jutajı**; fem. **jutac**í. Note the derivation from **juta**, "support"—whereas the upper arm is the 'strength', the forearm is the 'support'.

The hand is the **tagít**; masc. **tágit**; fem. **takít**. The hand encompasses the 5 fingers, the palm and the wrist.

5.1.1 The Forearm

The elbow is considered part of the forearm, whilst the wrist is considered part of the hand.

The elbow is z3bijí; masc. s3bijí; fem. z3bicí—the 'arm-joint'.

5.1.2 The Hand

The hand consist of the 5 fingers, the palm, and the wrist.

The finger is $\mathbf{tag}\hat{\mathbf{\iota}}$; masc. $\hat{\mathbf{t}ag}\mathbf{\iota}$; fem. $\mathbf{tak}\hat{\mathbf{\iota}}$. Note the direct derivation from $\hat{\mathbf{t}ag}\mathbf{\iota}t$. Historically, 'hand' and 'fingers' were referred to with the same word. Note that $\mathbf{tag}\hat{\mathbf{\iota}}$ refers to an individual finger; there are 5 fingers on the hand, hence $\mathbf{stagope}\hat{\mathbf{\iota}}$ tag $\hat{\mathbf{\iota}}$ "5 fingers in a hand".

The palm is the harotágut; masc. hárotagut; fem. harotakút. The haroprefix indicates "holding", that which holds what is grasped. The atagí grasp, but it is the harotágut against which the thing is held.

The wrist is the **ganotágit**; masc. **gánotagit**; fem. **ganotakít**. The **gano**prefix indicates "maneuvering"—the wrist is that which gives maneuvering flexibility to the hand.

5.1.3 Fingers and thumbs

The Ebisedi regard fingers and thumbs as the same. Hence, fingers are numbered starting from the thumb as the 'first' finger. There are also special names for each finger, as follows:

- 1. Thumb: $\hat{\kappa} \phi tag \hat{\iota}$; masc. $\hat{\kappa} \phi tag \hat{\iota}$; fem. $\hat{\kappa} \phi tak \hat{\iota}$. "Grand finger". An alternative name is **keotag** $\hat{\iota}$, "first finger".⁵
- Index finger: gatagí; masc. gátagi; gatakí. The prefix ga- is a contraction of gano; hence, it is the "manipulating finger". Also called jeotagí, "second finger".
- 3. Middle finger: brutagí; masc. brútagu; brutakí. The prefix bru- indicates length; this is the "long finger". Also called reotagí, "third finger".
- 4. Ring finger: pipitagí; masc. pípitagi; pipitakí. The prefix pipi- is from the noun pipí, "neglect", "sadness". Hence, "neglected finger". Also called deotagí, "fourth finger".

⁵Note that the Ebisedian numbering of fingers start with the *thumb* as the 'first' finger; one should take care not to confuse this with the English numbering of fingers.

Little finger: mivitagí; masc. mívitagi; mivitakí. "Small finger".
 Sometimes also affectionately called mitagí, "dear finger". Also called peotagí, "fifth finger".

5.2 The Legs

Each leg is subdivided into the thigh, the lower leg, and the foot.

The thigh is the $l3\hat{t}aji$; masc. $l3\hat{t}aji$; fem. $l3\hat{t}aci$. It is the thigh which gives the strength to move.

The lower leg is the **jutársji**; masc. **jútarsji**; fem. **jutarscí**. The lower leg is regarded as the support of the entire body.

The foot is the ragít; masc. rágit; fem. rakít.

5.2.1 The knee

The knee is $\mathbf{z}\mathbf{z}\mathbf{r}\mathbf{z}\mathbf{j}\mathbf{i}$, masc. $\mathbf{s}\mathbf{\dot{z}}\mathbf{r}\mathbf{z}\mathbf{j}\mathbf{i}$, fem. $\mathbf{z}\mathbf{z}\mathbf{r}\mathbf{z}\mathbf{c}\mathbf{i}$; "leg-joint". This is a technical term for the knee; the common term is $\hat{\mathbf{p}}\mathbf{u}\mathbf{j}\mathbf{i}$, masc. $\hat{\mathbf{p}}\mathbf{\dot{u}}\mathbf{j}\mathbf{i}$, fem. $\hat{\mathbf{p}}\mathbf{u}\mathbf{c}\mathbf{i}$. This word is derived from the verb $\hat{\mathbf{p}}\mathbf{\dot{\phi}}\mathbf{j}\mathbf{e}$, to strike with the knee.

5.2.2 The foot

The foot consists of the toes, the middle part of the foot, and the heel.

The toe is the ragí; masc. rági; fem. rakí.

The middle part of the foot is the sarsgí; masc. sársgí; fem. sarskí. The sa- prefix indicates "balance"; the middle part of the foot is regarded as that which gives balance to the foot, and indirectly, to the whole body.

The heel is the **ngar3gí**; masc. **ngár3gi**; fem. **ngar3kí**. The **nga**- prefix, which indicates enmity, comes from an archaic practice of crushing a defeated foe with one's heel as a symbol of humiliation.

5.2.3 The toes

The 5 toes are named as follows:

- Big toe: kørsgí; masc. kørsgí, fem. kørskí. "Grand toe". Also known as keorsgí, "first toe".
- 2. **bruragí**; masc. **brúragu**; fem. **brurakí**. "Long toe". Also known as **jeoragí**, "second toe". Note that the "long toe" is the *second* toe, whereas the "long finger" is the *third* finger (by Ebisedian reckoning).
- 3. reoragí; masc. reorágu; fem. reorakí. "Third toe". There is no special name for this toe.
- 4. **deor3gí**; masc. **deor3gí**; fem. **deor3kí**. "Fourth toe". There is no special name for this toe.
- 5. The little toe: mɪvɪrɜgí; masc. mívɪrɜgi; mɪvɪrɜkí. "Small toe". Alternatively, mírɜgi, "dear toe". Also known as p̂eorɜgí, "fifth toe".