### Word formation in Kazym Khanty

In Kazym-Khanty, there are two types of word formation: Derivation or composition.

- 1. Derivation
- 1.1. Nouns
- 1.1.1. Denominal suffixes
- - ije: Diminutive: xoxtije 'little house', poxije 'little son' (xoxt 'house', pox 'son')
- *-le*: Pejorative: *ikile* 'little man' (*iki* 'man')
- *-ət*, *-at*: Abstract noun: *xuβat* 'length' (*xuβ* 'long')
- *fiβi*: Denotes the size of an object, often with pejorative undertone: *iki-fiβi* 'dude, old man'
  (*iki* 'man')
- 1.1.2. Deverbal suffixes
- -*əp*: Instrument of an action: *kunfəp* 'comb' (*kunf* 'scratch, comb')
- - *opsi, -opfi*: object or process of an action: *no:topsi* 'help' (*no:t-* 'help')

### 1.2. Adjectives

- 1.2.1. Denominal suffixes
- -i. Propriative: jiŋki 'wet, moist', xułi 'fishy, full of fish' (jiŋk 'water', xuł 'fish')
- -op, -pi: Propriative: samop 'hearty, with heart', Bett lojpi 'five-fingered' (sam 'heart', loj 'finger')
- əŋ: Propriative: ßortəŋ 'divine' (ßort 'god, spirit')
- - Ir. Caritive: ße:ßli 'powerless', semli 'blind' (ße:ß 'power', sem 'eye')
- -fək: Diminutive, comparative: arfək 'more', ta:s<sup>j</sup>əŋfək 'richer' (ar 'much', ta:s<sup>j</sup>əŋ 'rich')
- 1.2.2. Deverbal suffixes
- -om: Propriative: postom 'frozen', sosrom 'dry' (post- 'freeze', sosr- 'dry')

1.3. Adverbs

- 1.3.1. Denominal suffixes
- -a: Modal, attaches to adjectives: mo:jona 'hospitably' (mo:jon 'hospitable')
- -a: Modal, attaches to nouns: jira 'aside' (jir 'side')
- -on: kuton 'between', me: Boton 'alternately, successively' (kut 'space, distance', me: Bot 'line')
- -ta, -tta: Ablative: je:tta 'from afar, from a distance' (je:t 'far')

1.4. Verbs

1.4.1. Denominal and deadverbial suffixes

- -t-: Intransitive, durative: potart- 'speak, talk, tell' (potar 'conversation, speech, narrative')

- -əlt-: Transitive, durative: jaməlt- 'improve, cure' (jam 'good, beautiful')

- -*i*--: Intransitive, durative: βe:/pəs/ə- 'do hunting and fishing, practise a craft' (βe:/pəs 'hunt and fishing')

- -mo-: Intransitive, durative, inchoative: so:xormo- 'be hungry, starve' (so:xor 'hungry')

- -os<sup>j</sup>: Intransitive, durative: *piłtos<sup>j</sup>*- 'unite' (*pił* 'partner, comrade')

- -jiəl-: Intransitive, durative: jertjiəl- 'drizzle' (jert 'rain')

1.4.2. Deverbal suffixes

There are numerous deverbal verbal suffixes in Kazym-Khanty which change the verbs with regards to aktionsart, aspect, valency or modal meaning. A suffix may have several functions, several suffixes can have one and the same meaning. There may even appear several suffixes after one another.

At this point, there are just a few examples provided.

- - an<sup>j</sup>s<sup>j</sup>-: Intransitive, reflexive: kanſan<sup>j</sup>s<sup>j</sup>- 'look for sth., investigate' (kanſ- 'search')
- -*emo*-: Momentive, intransitive: *karremo* 'turn' (*karri* 'id.')
- *-opto*-: Transitive, causative: *ka:tlopto-* 'present, hand over, marry' (ka:tol- 'catch, capture, reach'
- $-t^{\mu}\partial$ -: Intransitive, transitive, frequentative:  $e:\beta \partial t^{\mu}\partial$  'cut' ( $e:\beta \partial t$  'id.')
- -to-: Inchoative: xo:Hoto- 'start to cry' (xo:Ho- 'cry')
- 2. Moreover, verbs may also be changed by means of prefixation. Verbal prefixes are not derivational suffixes in the classical way, though. In fact, a verb with a prefix is situated in a grey area between a compound and a syntactical phrase.

Most of the Kazym-Khanty verbal prefixes have developed from adverbs. It is still partly difficult to differentiate them from adverbs today. Originally, verbal prefixes had a directional meaning:

 $nox-ixi^{j}$  'get up, stand up' (nox 'up',  $ixi^{j}$  'stand')

je:1-fof- 'go away' (je:1 'away', fof- 'go, walk')

iłi-føjło- 'collapse, sink down' (iłi 'down', føjło- 'sink')

However, the prefixation of a verb can change its aktionsart or can indicate perfectivity:

*jerli-n<sup>j</sup>oxm*- start talking' (*jerl* 'away', Inchoative, *n<sup>j</sup>oxm*- 'talk, say')

*joxi-fe-* 'eat up' (*joxi* 'back, inwards ', perfectivity, *fe-* 'eat' )

*lap-pent-* 'lock up' (*lap* perfectivity, *pent-* 'close, shut')

Many of the prefixated verb forms are lexicalized, yet in a sentence the verbal prefixes don't necessarily stand directly before the verb they refer to. For example, prefix and verb can be separated by a particle.

#### 3. Composition

There are several types of composition in Kazym-Khanty. First of all, there are so-called pair nouns which generalize the meaning of its components (cf. nouns example 1). In case of declination, both components are declined.

Besides, there are metaphoric words as compounds which components are phonetically homonymic. The semantic meaning of one or even both components is often submerged here (cf. adjectives example 4). Attributive compounds are another type of compound. Here one component specifies the other (cf. nouns example 4).

With regards to the spelling, compounds are handled very differently. Some authors write a hyphen between the components, others write them as two words. There are even examples where the components are written as one word.

#### 3.1. Nouns

- *jɔ:f-kur* 'limbs' (*jɔ:f* 'hand' + *kur* 'foot')
- *sem-jiŋk* 'tear' (*sem* 'eye' + *jiŋk* 'water')
- mo:jpər-xo:t 'bear's den' (mo:jpər 'bear' + xo:t 'house')
- *a:j-ke:f* 'news, novelty' (*a:j* 'small, young' + *ke:f* 'rope')
- pasti  $\beta 2j$  'wolf' (pasti 'quick, sharp' +  $\beta 2j$  'animal')
- *fank-jink* 'sweat' (*fank* 'hot' + *jink* 'water')

#### 2.2. Adjectives

- *sɛmɬi-paɬɬi* 'blind and deaf' (*sɛm* 'eye' + *paɬ* 'ear' CAR)
- *piti seməp* 'black-eyed' (*piti* 'black' + *sem* 'eye' PROP)
- *pasti kurəp* 'fleet-footed (*pasti* 'quick' + kur 'foot' PROP)
- ka:ri-pa:ri 'quick, swift'

### 2.3. Adverbs

- *tata-tota* 'everywhere' (*tat*a 'here' + *tota* 'there')
- $\beta a:n-kut \partial f$  'often' ( $\beta a:n$  'short, near' + kut 'space, distance')
- *je:Hi-joxi* 'back and forth' (*je:Hi* 'forward' + *joxi* 'back')
- 2.4. Pronouns

- *s<sup>j</sup>iməs<sup>j</sup>*-*s<sup>j</sup>iməs<sup>j</sup>* 'this and that' (*s<sup>j</sup>iməs<sup>j</sup>* 'such')
- ar-fimət 'one does not know how much' (ar 'much' + fimət 'little')

## 2.5. Verbs

Both components are conjugated if a verb results by composition.

- $i\epsilon$ - $ja:n^js^j$  'eat, dine' ( $i\epsilon$  'eat' +  $ja:n^js^j$  'drink')
- $3m \partial s 4 \partial s A^{j} s^{j}$  'rest' ( $3m \partial s$  'sit' +  $4 \partial s A^{j} s^{j}$  'stand')

References:

Honti, L.: *Chrestomathia Ostiacica. Osztják nyelvjárási szöveggyűjtemény nyelvtani vázlattal és történeti magyarázatokkal.* Budapest 1986.

Kaksin, A. D.: *Казымский диалект хантыйского языка.* Ханты-Мансийск: Полиграфист 2007. Nikolaeva, I.: *Ostyak. Languages of the World/Materials 305.* München, Newcastle 1999.

Sauer G.: Die Nominalbildung im Ostjakischen. Berlin 1967.