

# Naming animal kinds and their representatives: patterns and their relationship to frequency

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Lucie Findejsová

# Introduction

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Frequency and its connection to method of creation

Animals as closed group of shapes

Type of creation of opposite shapes by frequency

Male – kind name – female

Frequency

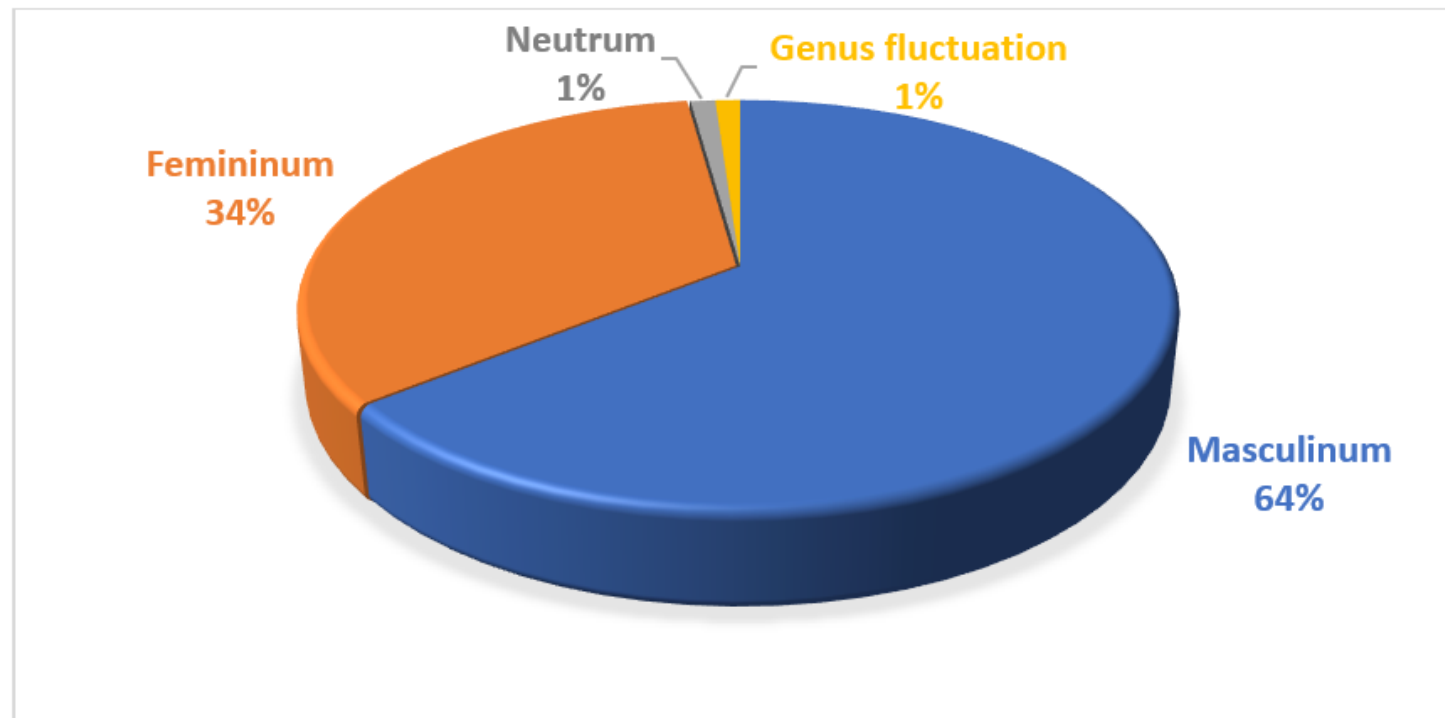
Sorting of shapes by types of creating

# Excerption of SSČ (dictionary of Czech)

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Extraction of animal names from dictionary

Exclusion of some of the groups



# Searching in corpus SYN v4

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Searching for opposite shapes of the animal names

Dictionary – non-dictionary shapes

Noting of frequency

Classification of findings

# Fundamental list

Frequency	Male	Kind name	Female	Frequency	Total freq.
3	<u>krysáč</u>	krysa	krysa	17 077	17 080
6 675	<u>křeček</u>	křeček	<u>křečice</u>	22	6 697
X	X	křepelka	křepelka	2 875	2 875
967	<u>kukač</u>	kukačka	kukačka	4 047	5 014
406 048	<b>kuň</b>	<b>kuň</b>	klisna	15 740	421 788
10 015	<b>hřebec</b>	<b>kuň</b>	kobyla	7 609	423 672
80	<u>kuňák</u>	kuna	kuna	9 501	9 581
X	X	kuňka	kuňka	2 161	2 161
31 100	<b>kohout</b>	<b>kur</b>	<b>slepice</b>	34 729	67 935
		2 106			
21 511	<u>kůrovec</u>	kůrovec	X	X	21 511
337	<u>labuťák</u>	labuť	labuť	29 596	29 933
6 447	<u>lachtan</u>	lachtan	<u>lachtanice</u>	57	6 504
6 447	<u>lachtan</u>	lachtan	<u>lachtanka</u>	43	6 490
61	<u>lamák</u>	lama	lama	9 082	9 143
X	X	langusta	langusta	1 087	1 087
18	<u>lasičák</u>	lasička	lasička	1 123	1 141
5 345	<u>ledňáček</u>	ledňáček	X	X	5 345
1 071	lelek	lelek	X	X	1 071
2 027	lenochod	lenochod	<u>lenochodka</u>	5	2 032
2 027	lenochod	lenochod	<u>lenochodice</u>	1	2 028

# Sorting shapes by types of creation

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Morphologic creation of opposite shapes of animal names

Token freq.	Kind name	Suffix -ice	Token freq.
3 965	albatros	<u>albatrosice</u>	1
4 763	aligátor	<u>aligátorice</u>	1
13 188	bažant	<u>bažantice</u>	5
1 815	bernardýn	<u>bernardýnice</u>	5
5 727	bizon	<u>bizonice</u>	13
24 165	bobr	bobřice	101
30 767	brouk	<u>broučice</u>	5
24 429	buldok	<u>buldočice</u>	19
3 771	buvol	<u>buvolice</u>	36
4 168	cvrček	<u>cvrčice</u>	2
24 281	čáp	čápice	433
24 281	čáp	<u>čápice</u>	2

# Sorting shapes by types of creation

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Morphologic creation of opposite shapes of animal names

Token freq.	Kind name	Suffix <u>-er</u>	Token freq.
30 004	husa	houser	3 180
32 046	kachna	kačer <sup>1</sup>	4 585
2 546	kačena	kačer	4 585

Token freq.	Kind name	Suffix -our	Token freq.
123 320	kočka	kocour	25 664

Token freq.	Kind name	Suffix -el	Token freq.
43 303	koza	kozel	11 251

# Sorting shapes by types of creation

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## Suppletion shapes

Token freq.	Kind name	Supp. shapes	Token freq.
5 607	<b>krůta</b>	<b>krocán</b>	4 602
57 576	<b>ovce</b>	<b>beran</b>	13 492
50 100	<b>včela</b>	<b>trubec</b>	1 437

Supp. shapes	Token freq.	Kind name	Token freq.	Supp. shapes	Token freq.
<b>kanec</b>	6 933	<b>divočák</b>	16 141	<b>svině</b>	9 387
<b>hřebec</b>	10 015	<b>kůň</b>	406 048	<b>klisna</b>	15 740
<b>kohout</b>	31 100	<b>kur</b>	2 106	<b>slepice</b>	34 729
<b>býk</b>	37 383	<b>tur</b>	4 802	<b>kráva</b>	84 416



# Sorting shapes by types of creation

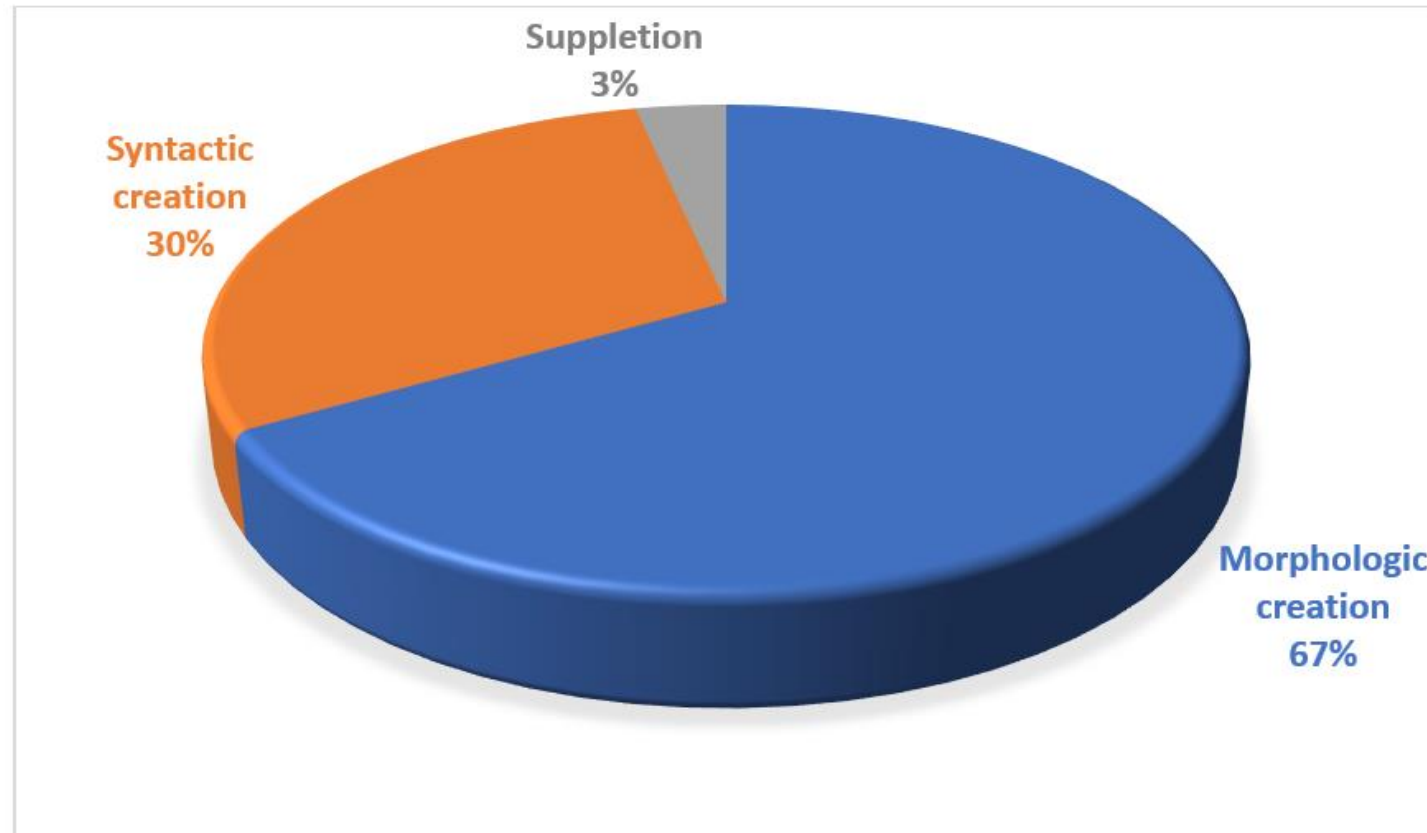
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Syntactic creation of opposite shapes of animal names

Frequency	Kind name
2 074	cejn
2 929	čolek
50 807	had
596	ježdík
181	lumek
747	otakárek
243	pilous
2 271	pijavice
1 345	sépie
328	sobol
204	zebu

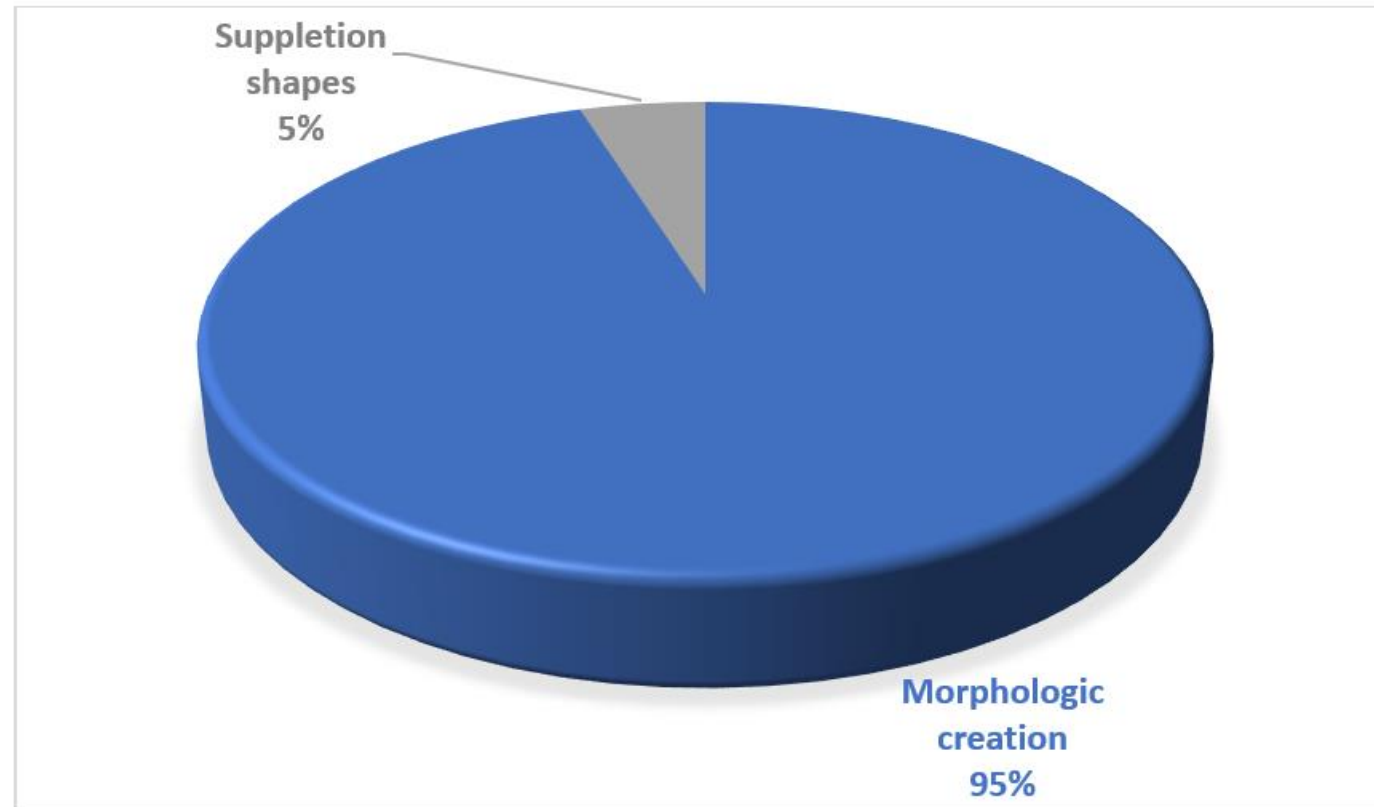
# Type frequency by the manner of creation of opposite shapes

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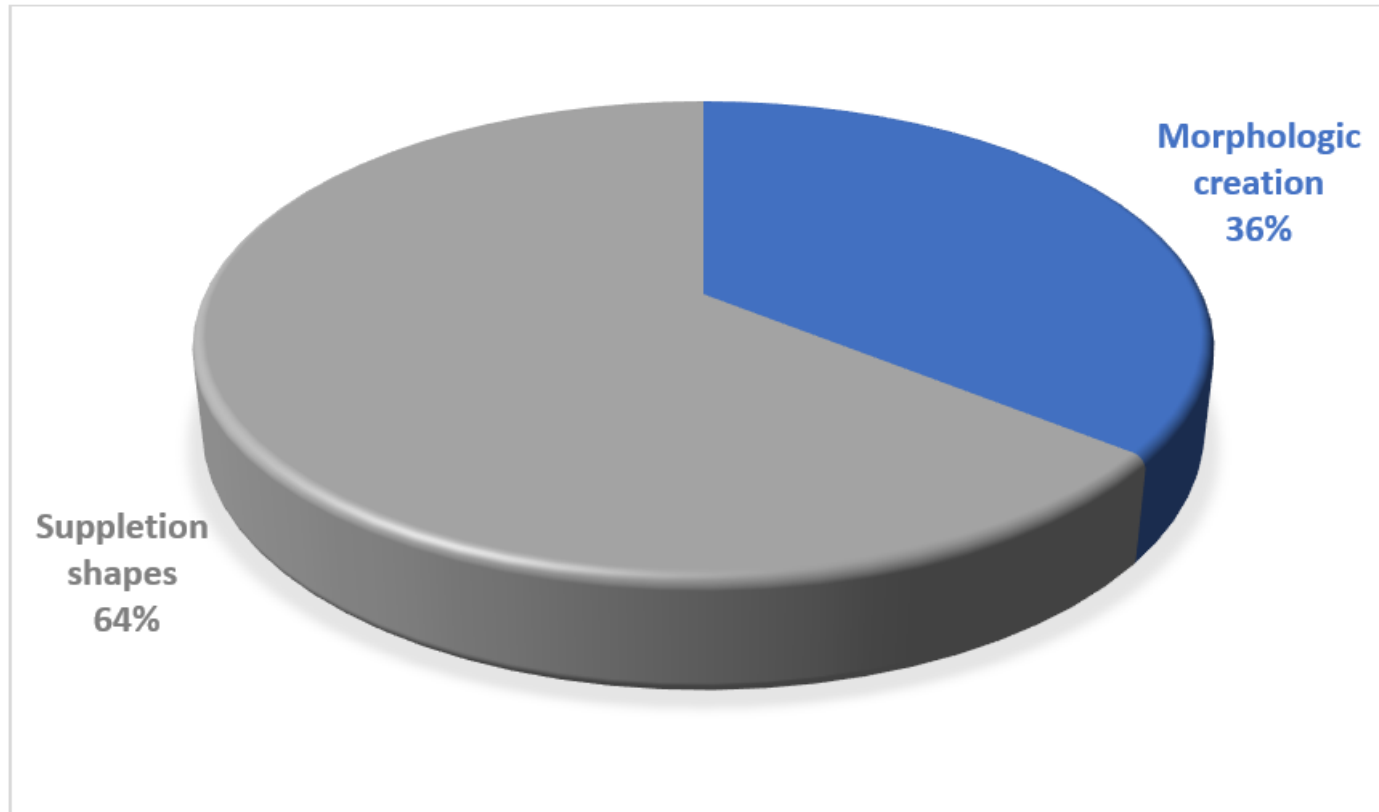
# Type frequency by the manner of creation of opposite shapes

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# Token frequency by the manner of creation of opposite shapes

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# Summary findings

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**Morphologic creation** of opposite shapes of names is **most often used for new creation** but **less used in common speech**.

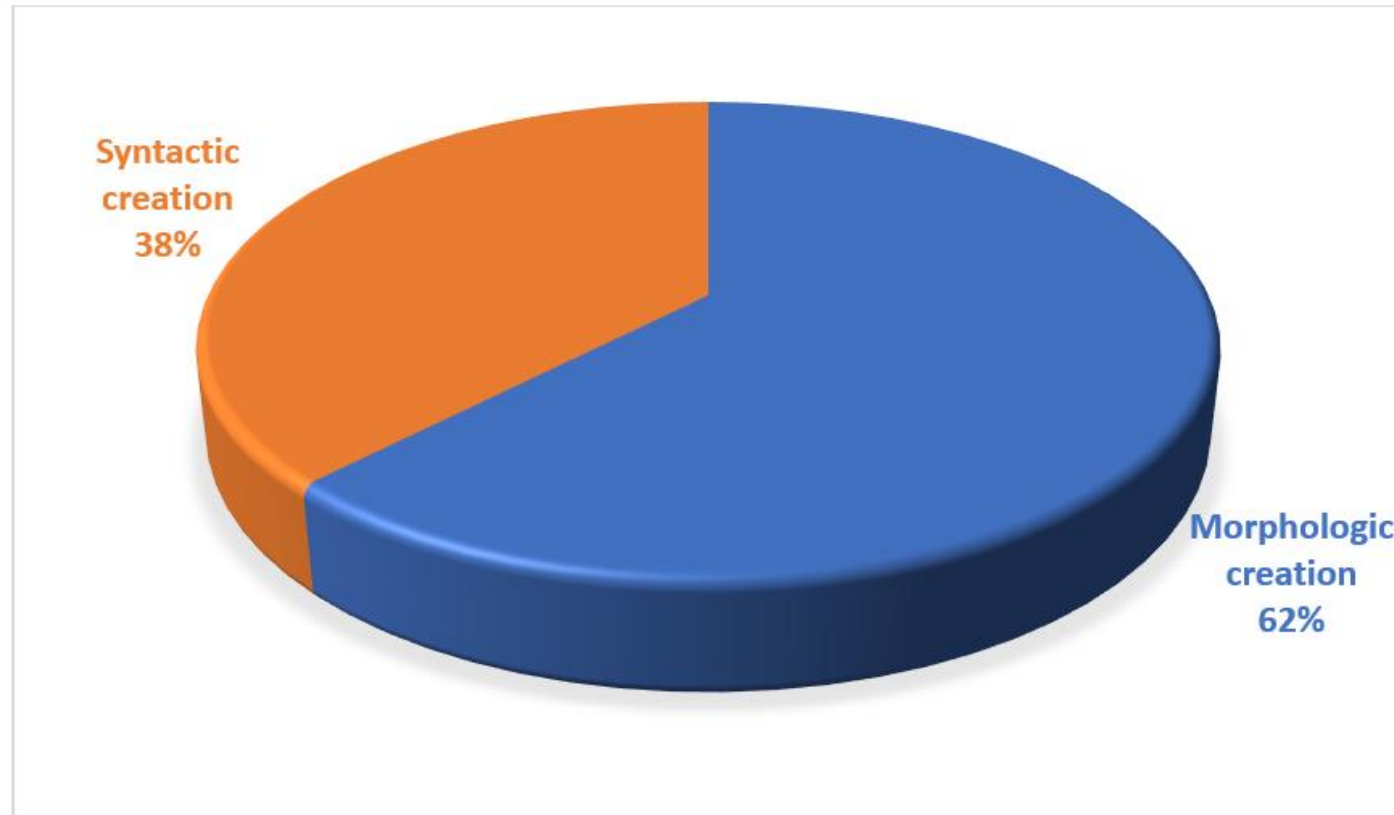
**Suppletion shapes** of names are **hardly ever used for new creation** but **very often used in common speech**.

**Syntactic creation** of opposite shapes of names is **less used for new creation** and also **less used in common speech** – it is the most universal method.

Thank you for your  
attention

# Type frequency of animal kind names

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# Token frequency of animal kind names

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