

Typology of the Phonetic Features in the Bulgarian Dialect Data

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BulDialects

Outline

- The Idea
- Types and subtypes of Phonetic Variation
- Conclusions

The Idea

- To present the phonetic variation within the word set with respect to:
 - Types of phonetic features
 - Number of phonetic features combination per word
 - Generalizations

Types of phonetic features

We will present the types of phonetic features with examples

The structure is as follows:

1. The phonetic feature
2. The index of the word, for which it holds
3. Examples

1. Reflexes of ‘jat’

1.1. Nonpalatal environment, stressed: 28, 56*, 80*, 93, 99*, 110, 111*, 121, 134*, 138, 142, 149

хл’аб – хлеб - хлêб

Special cases: 134, 142

1.2. Palatal environment, stressed: 3*, 5, 9, 10, 13*, 19, 59, 78, 86, 88, 99, 104, 106, 146

as above

1.3. Word-final, stressed: 32, 37, 45, 74, 113

as above

1.4. Unstressed: 27, 32, 42*, 62*, 100*, 103, 120, 135,

2. Etymological ja

2.1. Nonpalatal environment: 1*, 96, 143, 152, 153, 156

овчар – овчер – овчêр

2.2. Palatal environment: 2*, 97

as above

2.3. Unstressed: 89, 154, 155, 157

ядеш – едеш

3. Initial prothetic j

3.1. Before a: 1, 2

агне - **я**агне

3. 2. Before e: 52, 53, 54, 55

език - **й**език

3.3. Before u: 135

утре – **ю**тре

4. Epenthesis of j

Epenthesis of j: 71

к~~о~~е – к~~о~~йе (also к~~в~~е)

Elision of j

Elision of j: 77, 89, 152, 153, 154, 155, 156,
157

нея – неа

Special case: 77

6. Reflexes of the back nasalized vowel

6.1. In the root, stressed: 82, 109, 125

мъж, маж, муж, мѠж, мож, мѣж, мънч

6.2. In the root, unstressed: 74, 82*, 83*, 84*, 112*, 113*

каде - куде

6.3. Initial, stressed: 27

вътре – унотре – внетре – натре

6.4. In endings: 4, 40, 91, 101, 116, 143, 147

6.5. Generalized accusative case: 17, 29, 57, 62, 64, 111, 112, 117, 134, 148

гла`ва – гла`въ

7. Reflexes of the front nasalized vowel

7.1. In the root, stressed: 31, 65, 76, 104

зет, з'от, з'ът, зит

7.2. In the root, instressed: 41, 78, 79*

десет – десит – дес'ът – десат

7.3. Word-final: 2, 19, 42, 68, 114

as above

7.4. Merging of the two nasalized vowels: 54, 55, 61

жетва – жътва – жатва – жотва – жетва

8. Reflexes of the back jer

8.1. In the root, stressed: 26, 48, 50*

дѣжд – дожд – дажд – дѡжд – дѣжд

8.2. In suffixes: 104, 110, 128

as above

8.3. In the definite article for masculine nouns: 34, 84, 108

as above

8.4. In prepositions: 23, 127

със – сос

8.5. Loss of weak jer: 50

дѣно – дно

9. Reflexes of the front jer

9.1. In the root, stressed: 39, 44, 52*, 75, 103, 132, 133

тънко – тенку – т'о̀нко – танко – тѣнко

9.2. In the root, unstressed: 115*

сега – съга – сига

9.3. In suffixes: 30, 47, 122

старец – стариц – стар'ъц – старъц

9.4. Loss of weak jer: 115

Continuing...

10. Epenthesis of *jer*: 28, 98

ВЯТЪР – ВЕТЕР; ОГЪН – ОГИН – ОГЕН

11. Vowel reduction: all unstressed vowels

Special cases: 12, 102, 106

ПЕПЕЛ – ПЕПИЛ – ПЕП'ЪЛ

12. Reflexes of *jery*: 54, 118

ЕЗИК – ЕЗЫК

Note: the vowel *i* under stress may be centralized in all instances

Continuing...

13. Rounding of vowels: 55, 56, 58, 59, 68, 146, 148

ЖИВ – жүв – жув

14. Unrounding of vowels: 70

КЛЮЧ – клич

15. Alternation o-e: 43, 85, 102

джоб – джеб

16. Vowel elision: 55, 80, 86, 94, 95, 106, 125, 130

неделя – нделя

17. Change by analogy: 46

долу – доле (analogy with горе)

18. Syllabic liquids

18.1. Syllabic r: 8, 20, 21*, 51, 73, 107, 108,
126, 144*, 145*

сърп – срѣп – срп – сôрп – сêрп

18.2. Syllabic l: 24, 25, 49, 60, 152, 153

вълк – влък – влк – вѣк – вук – вôлк –
вêлк

Continuing...

19. Reflexes of *tj, *dj: 10, 21, 76, 87, 92, 105, 150

леща – лешча – леча – лежя; вежда – вежа –
вежджа – веджа – вегя

20. The clusters ЧРЬ, ЧРЯ: 144, 145, 146

червен – цървен; череша - црешня

21. Epenthetic l: 64

земя – земля – земня

22. Voiced affricates: 43, 56, 62

джоб – жоб; звезда – дзвезда

23. Soft consonants

Soft consonants: 2, 24, 77, 106, 118, 137, 152, 153

ВЪЛК – ВЪЛ'К; СИРЕНЕ – СИРЕН'Е

23.1. Word-final: 39, 41, 54, 55, 65, 72, 98, 102,
109, 119

ДЕН – ДЕН'

Special cases: 54, 55

ЕЗИК – ЕЗИК'

23.2. Morphologically conditioned soft consonants :
6, 91, 116

СЕДЯ – СЕДА

Continuing...

24. Palatalization of t, d: 33, 35

гости – гостк’е; грозде – грозг’е

25. Simplification of the clusters str, zdr: 63,
117, 123

сестра – сесра

26. Epenthesis of t, d in the clusters sr, zr: 121

сряда – стряда

27. The voiceless velar fricative

27.1. Word-initial: 138, 139, 140, 141

хляб – ляб

27.2. Word-final: 13, 20, 100, 123, 124

страх – стра; орех – оре – орей; сух – су
– сув

27.3. Within the word: 9, 36, 136

as above

Continuing...

28. The voiceless labiodental fricative: 137

фурна – вурна – хурна

29. Loss of v before of rounded vowels: 18, 38, 51,
129, 141

вол – ол

30. Prothetic v before rounded vowels: 98, 100

огън – вогън

Special case: 71

кое – кве – куве

31. Voicing of obstruents

31.1. All voiced obstruents preserved in word-final position: 43, 48, 82, 138

джоп – джоб

31.2. Only v preserved in word-final position: 58, 63, 73, 128, 140

жиф – жив

31.3. Lack of devoicing of v before voiceless obstruents: 94, 95, 96, 97

офца – овца

Continuing...

32. The preposition and the prefix v: 16, 23

влизам – улизам

33. Various assimilations: 53, 81, 132

едно – енно; много – млого – мого – ного –
фного; тъмно – тъвно

34. Nonsystemic changes: 8, 11, 22, 149

бързо – бърже; вече – веке; вчера – ючера;
човек – чиляк

35. Morphophonemic alternations: 16, 21

влизам – влазам – влявам; връщам – вращам

Continuing...

36. Different verbal ending: 9

бяхме – бемо

37. Different suffixes: 55, 69

камък – камик – камен

38. Various forms: 14, 66, 67, 90, 99, 130, 131, 151

вие – ви – ве; и – хи – гю – вой; им – гим – хми;
ние – ни – не – ми; тогава – тогас – тогис –
тегай; я – а – гю

39. Stress

39.1. Bisyllabic neuter nouns: 7, 15, 42, 51, 79, 136, 139, 154

̀ВИНО – ВИ`НО

39.2. Same as above, definite: 80

МЛ`ЯКОТО – МЛЕ`КОТО

39.3. Bisyllabic neuter nouns, plural: 155

ЯЙ`ЦА – `ЯЙЦА

39.4. Bisyllabic feminine nouns: 10, 17, 29, 57, 62, 64, 94, 111, 112, 117,
134, 148

ВО`ДА – `ВОДА

39.5. Same as above, plural: 95, 113

ОВ`ЦИ – `ОВЦИ

39.6. Definite forms of monosyllabic masculine nouns: 34, 84

ГРА`ДЪТ – `ГРАДЪТ

39. Stress (2)

Verbs:

39.7. First person present: 40, 101, 116, 147

пе`ка – п`ека

39.8. Stress of бера and the other verbs from the class: 4, 6

бе`рат – б`ерат бра`не – `бране

39.9. Nonsystemic: 3, 13, 56, 83, 86, 87, 98,

3 (б`ели – бе`ли), 13 (ви`дых – в`идех), 56 (же`лязо – ж`елезо), 83 (мъ`же – `мъже), 86 (нед`еля - `неделя), 87 (не`ще – `неше); 98 (`огън – о`гън), 100 (`орех – о`рех), 110 (`пясък – пе`сък)

Some more

страх

Some statistics

Number of features per word	Number of words (overall – 157 words)
1 phonetic feature	52 words
2 phonetic features	67 words
3 phonetic features	29 words
4 phonetic features	8 words
5 phonetic features	-----
6 phonetic features	1 word (barley)

Conclusions