

## CHAPTER 2. PHONETICS: THE SOUNDS OF LANGUAGE

### SEGMENTS

**Practice! Practice!** *Getting ready for transcription*

- |          |      |          |       |
|----------|------|----------|-------|
| 1. a. 3  | d. 6 | 2. a. th | d. n  |
| b. 3     | e. 3 | b. u     | e. ch |
| c. 5     | f. 4 | c. c     | f. ea |
|          |      |          |       |
| 3. a. gh | d. m |          |       |
| b. ng    | e. s |          |       |
| c. ow    | f. c |          |       |

### SOUND CLASSES

**Exercise!** *Identify the underlined sound*

- |              |              |
|--------------|--------------|
| 1. consonant | 5. consonant |
| 2. vowel     | 6. glide     |
| 3. consonant | 7. vowel     |
| 4. glide     | 8. consonant |

### CONSONANT ARTICULATION

**Try This!** *Articulatory terms for place of articulation*

- |                |             |
|----------------|-------------|
| a. labiodental | c. uvular   |
| b. palatal     | d. alveolar |

**Now Try This!** *IPA symbols for consonants*

- |           |        |        |
|-----------|--------|--------|
| 1. a. [θ] | c. [ŋ] | e. [f] |
| b. [ʃ]    | d. [w] | f. [k] |
|           |        |        |
| 2. a. [f] | c. [s] | e. [m] |
| b. [ŋ]    | d. [θ] | f. [s] |

**Exercise!** *Aspirated stops, syllabic consonants, and velarized l*

1. talk, pending, careful
2. bottom, suffer, kitten, bushel
3. silly, pull, meal

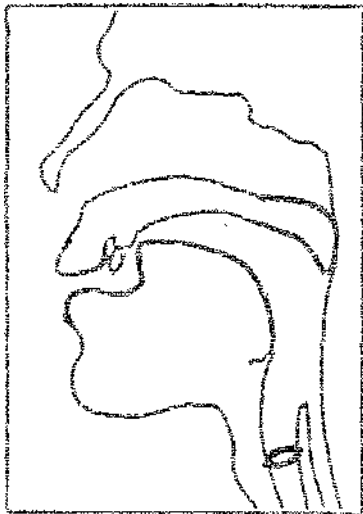
## VOWEL ARTICULATION

**Practice!** *IPA symbols for vowels*

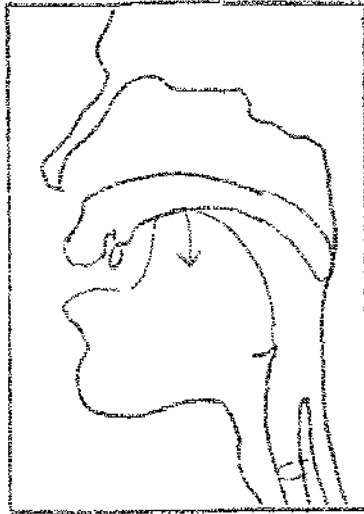
1. a. [u]                      c. [i]                      e. [ɪ]  
    b. [aj]                    d. [a]                    f. [ʊ]

## FACIAL DIAGRAMS FOR CONSONANTS

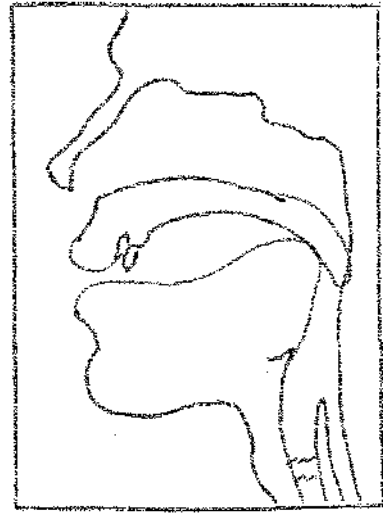
*Completed facial diagrams*



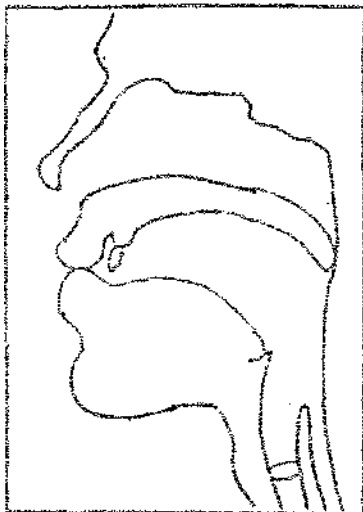
[s]



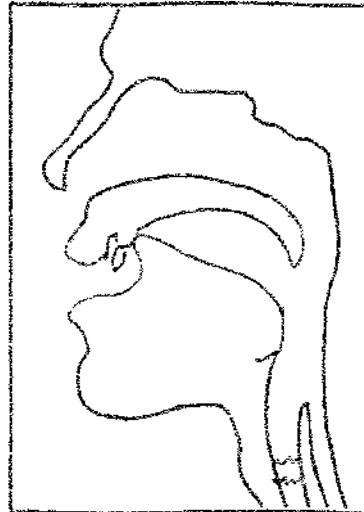
[tʃ]



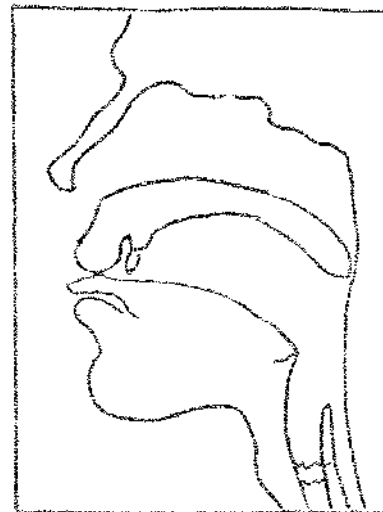
[g]



[p]

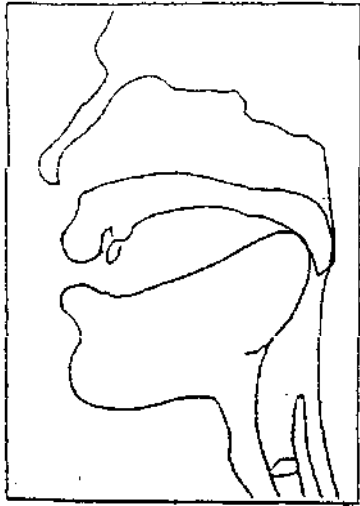


[n]

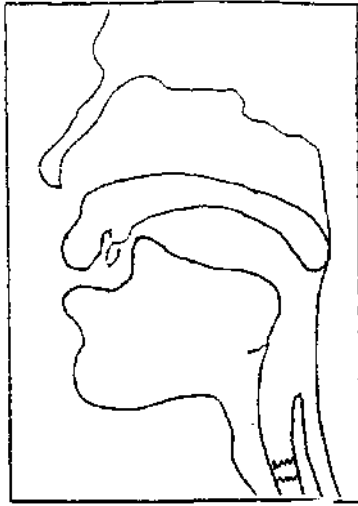


[ɒ]

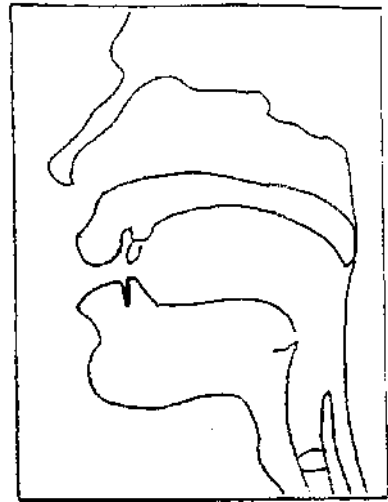
*Labeled Facial Diagrams*



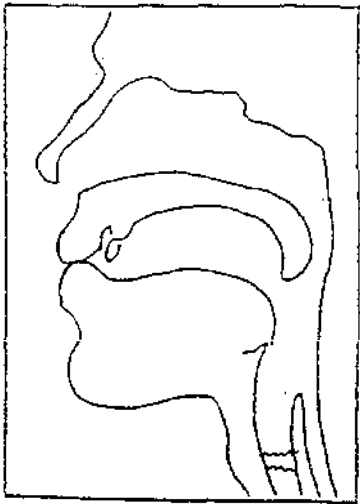
[k]



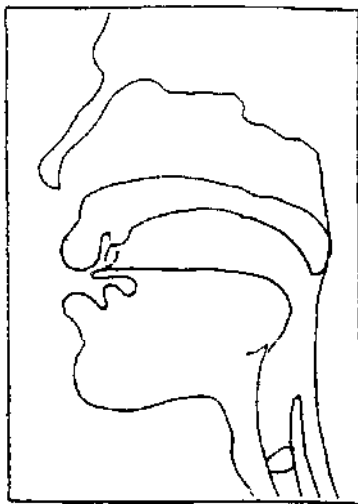
[z]



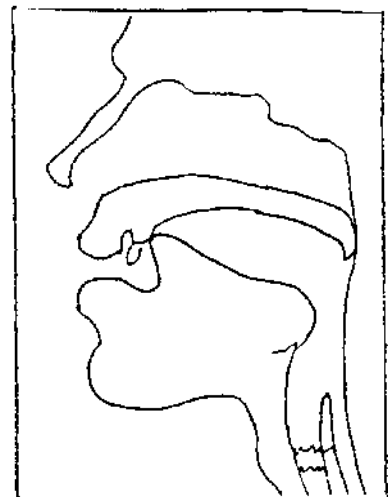
[h]



[m]



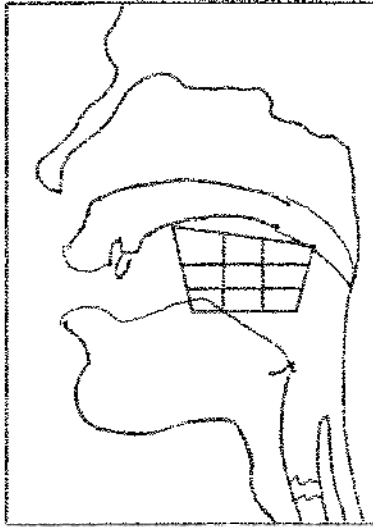
[θ]



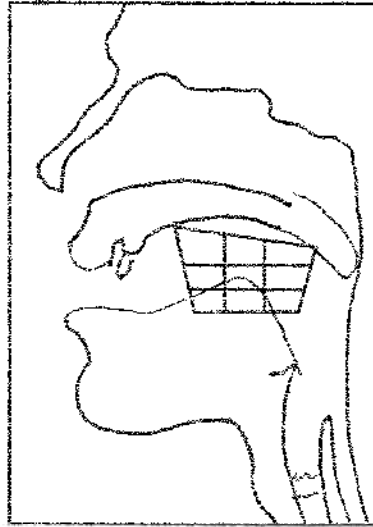
[d]

## FACIAL DIAGRAMS FOR VOWELS

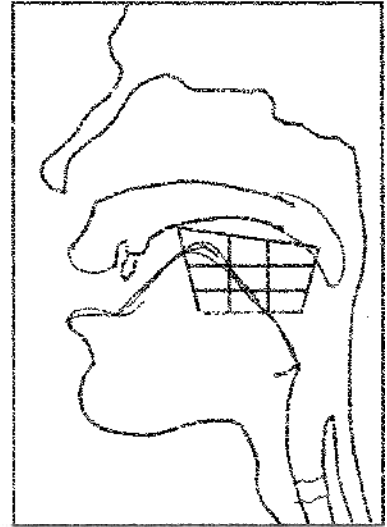
### *Completed facial diagrams*



[æ]

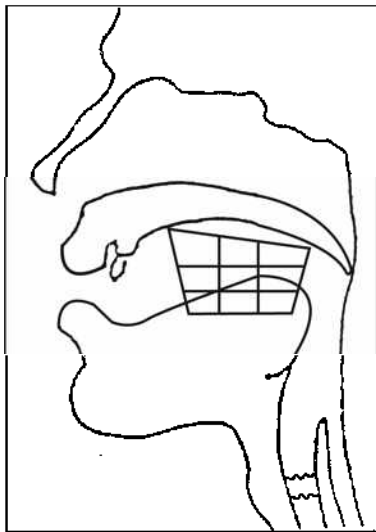


[ʌ]

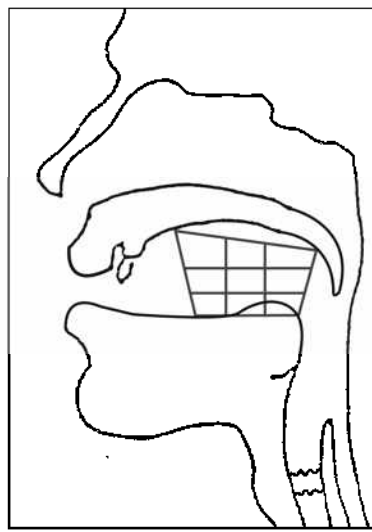


[ɪ]

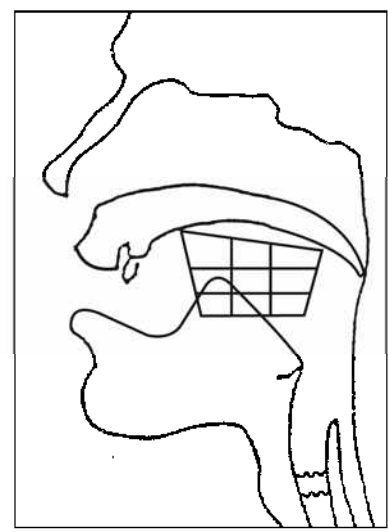
### *Labeled facial diagrams*



[o] or [ow]



[ɑ̃]



[ej]

## PRACTICE WITH SOUNDS

1. a. [ʔ] c. [m]  
b. [i] d. [θ]
2. a. low front lax unrounded c. voiced palatal glide  
b. voiceless labiodental fricative d. mid central lax unrounded
3. a. voiced oral stops d. back vowels  
b. strident alveopalatals e. front lax unrounded vowels  
c. voiced sonorants
4. a. [z], non-strident fricatives  
b. [n], oral stops  
c. [ɪ], back tense vowels

## TRANSCRIPTION EXERCISES

### A Start!

- |            |              |               |
|------------|--------------|---------------|
| 1. [kræft] | 8. [vejg]    | 15. [junit]   |
| 2. [ritʃ]  | 9. [ɛgzɪt]   | 16. [pærɪ]    |
| 3. [θɑt]   | 10. [luʒ]    | 17. [barm]    |
| 4. [saj]   | 11. [rustɹ]  | 18. [kwɛstʃn] |
| 5. [tʰejp] | 12. [ʃugɹ]   | 19. [endʒl]   |
| 6. [hæd]   | 13. [fræg]   | 20. [tʃɹtʃ]   |
| 7. [hɛlθ]  | 14. [ɪnstɛd] |               |

### Vowel Practice!

- |           |           |              |
|-----------|-----------|--------------|
| 1. [kʰi]  | 5. [ejt]  | 9. [mejnʃit] |
| 2. [tʃiz] | 6. [ɪst]  | 10. [mejd]   |
| 3. [bɔwn] | 7. [loʊf] | 11. [θru]    |
| 4. [du]   | 8. [wɪz]  | 12. [θrow]   |

### More Vowels!

- |            |             |             |
|------------|-------------|-------------|
| 1. [tʃɪr]  | 7. [sɹ]     | 13. [hart]  |
| 2. [ðejr]  | 8. [hɹ]     | 14. [hard]  |
| 3. [tʃejr] | 9. [flɔr]   | 15. [harm]  |
| 4. [kʰar]  | 10. [ɔr]    | 16. [ʃarp]  |
| 5. [star]  | 11. [hɔrs]  | 17. [ʃɹt]   |
| 6. [skɔr]  | 12. [kʰɔrs] | 18. [θwɔrt] |

### Practice with Diphthongs

- |              |               |               |
|--------------|---------------|---------------|
| 1. [vojs]    | 7. [ajz]      | 13. [pɹaw]    |
| 2. [traɪ]    | 8. [praɪz]    | 14. [kʰawntɹ] |
| 3. [baɪsɪkl] | 9. [ɪmbroɪdɹ] | 15. [leɪzi]   |
| 4. [awɹ]     | 10. [seɪlɪŋ]  | 16. [naɪft]   |
| 5. [oɪli]    | 11. [krow]    | 17. [dawn]    |
| 6. [gowt]    | 12. [kraɪd]   | 18. [deɪz]    |

### Practice with Schwa and Wedge

- |              |               |                 |
|--------------|---------------|-----------------|
| 1. [sɪɹdʒ]   | 5. [bəheɪv]   | 9. [stɹɪf]      |
| 2. [θɹɹndɹ]  | 6. [ɹvɹ]      | 10. [neɪʃən]    |
| 3. [hɹŋ]     | 7. [ɹɹk]      | 11. [ənawns]    |
| 4. [kwɹləri] | 8. [sepəreɪt] | 12. [ɹndɹstænd] |

### One More Try!

- |                 |                  |   |
|-----------------|------------------|---|
| 1. [deɪz]       | 11. [bɑɹɪn]      | 21. [grædʒueɪt](verb)[grædʒuət]<br>(noun) |
| 2. [ædʒəteɪt]   | 12. [preʃəs]     | 22. [ɪmpləment]                           |
| 3. [nəʊm]       | 13. [saɪn]       | 23. [pʰɹɹndɹ]                             |
| 4. [zɪrɹks]     | 14. [məʃɪn]      | 24. [ɪrəgeɪt]                             |
| 5. [rəʊst]      | 15. [fɔɹmjulə]   | 25. [aɪsəleɪt]                            |
| 6. [pʰɪnstrajp] | 16. [məʊrɹsɹɹk]  | 26. [tʰaɪmtʰeb]                           |
| 7. [ges]        | 17. [sɹɹwɹndəd]  | 27. [ɹnfərgɪvəb]                          |
| 8. [θɪætræk]    | 18. [kʰɹmædi]    | 28. [fraɪtɹ]                              |
| 9. [mæskjulɪn]  | 19. [ekstɹŋgwɪʃ] | 29. [ləməneɪd]                            |
| 10. [jɛləw]     | 20. [kʰɹstʒum]   | 30. [kʰɹɹld]                              |

### Reverse Transcription

- |            |             |             |
|------------|-------------|-------------|
| 1. leisure | 6. softened | 11. choice  |
| 2. shy     | 7. worthy   | 12. statue  |
| 3. pipe    | 8. tube     | 13. shade   |
| 4. axe     | 9. phony    | 14. mention |
| 5. sweet   | 10. once    | 15. square  |

## SUPRASEGMENTALS

### Exercise!

- |    |             |    |             |     |              |
|----|-------------|----|-------------|-----|--------------|
| 1. | [skórnɔ]    | 5. | [mækərówni] | 9.  | [ɪnfórmətɪv] |
| 2. | [dækʌvri]   | 6. | [dúpləkejt] | 10. | [ájðəlejz]   |
| 3. | [ɪksplóʊzɪ] | 7. | [díktejt]   |     |              |
| 4. | [dʒínjəs]   | 8. | [ákjupajd]  |     |              |

## PROCESSES

- |    |                                       |    |  |
|----|---------------------------------------|----|--|
| 1. | metathesis                            | 5. | dissimilation  |
| 2. | epenthesis, nasalization (regressive) | 6. | epenthesis   |
| 3. | epenthesis, voice assimilation        | 7. | deletion, nasalization (regressive),<br>place assimilation |
| 4. | flapping                              |    |  |