

CONTENTS

<i>Chapter</i>	<i>Page</i>
LIST OF PHONETIC SYMBOLS	viii

Part I: GENERAL

I. INTRODUCTION	I
II. THE ORGANS OF SPEECH	10
III. THE CLASSIFICATION OF SOUNDS	20

Part II: ENGLISH SOUNDS IN ISOLATION

IV. PURE VOWELS	37
V. DIPHTHONGS	65
VI. PLOSIVES AND FRICATIVES	87
VII. NASALS AND OTHERS	111

Part III: SOUNDS IN CONNECTED SPEECH

VIII. INFLUENCE OF ADJACENT SOUNDS	135
IX. STRESS	153
X. STYLE	177
XI. INTONATION	179

APPENDICES

A. SPELLING	202
B. PHONEMES	207
C. PHONETIC TRANSCRIPTION	210
D. BOOKS FOR FURTHER STUDY	212
INDEX	215

INDEX

The numbers refer to paragraphs.

A. General

- Adam's apple, 21, 26, 27, 94.
 Adjacent sounds, influence of: 341-94; causing variation in length, 80-4, 157, 280-2, 306; in quality, 149, 207-8, 302-4, 335-6; causing omission of sounds, 233-4, 317-18.
 Adjectives, stress of, 421.
 Adverbs, stress of, 421.
 Air stream, 19, 20.
 Alveolar ridge, 32.
 Alveolar sounds: 214, 217, 229-35, 254-8, 288-91, 300-8, 309-19; assimilation to dentals, 363-4.
 American pronunciation, 16, 109, 113, 170, 326.
 Articles, definite and indefinite, 384-5, 421, 423-4.
 Aspirated consonants: [p], 220-1; [t], 230-1; [k], 237-8.
 Assimilation: 343-5; commonest forms in English, 353-65; African mistakes, 346, 348.
 Australian pronunciation, 16.
 Back of the tongue, 22, 33.
 Back vowels, 61, 106-29.
 Bilabial sounds: 214, 219-28, 283-7, 320-8; "bilabial f", 244.
 Blade of the tongue, 22, 33.
 Books for further study, App. D.
 Breath, 20, 23.
 Breath-groups, 20.
 Broad transcription, 13, App. C.
 Broken head, 456.
 Cardinal vowels, 65-71, 73-5.
 Central vowels, 72, 130-50.
 Centring diphthongs, 159, 160, 163, 185-205.
 Classification of sounds, 38-75.
 Clear [l], 302-4.
 Close vowels, 63.
 Closing diphthongs, 159, 160, 163, 165-84.
 Compounds: pronunciation of *ng* in, 297 (3); elision in, 370; stress in, 414-8.
 Conjunctions, 421, 423-4.
 Consonants: 54-6, 213, 321-323; classification, 214, 217-8; description, 219-340.
 Co-ordination of tone-groups, 459, 460-2, 466.
 Dark [l], 302-5.
 Delayed plosion, 371, 374.
 Dental sounds, 214, 249-53, 363-4.
 Dialects, 14-7.
 Diphthongs, 85, 151-212.
 Double stress, 414-8.
 Double-length consonants, 371-3.
 Drums, 26.
 Economy of effort, 344-5.
 Elision: 343-5; commonest forms in English, 366-70; African mistakes, 347.
 Emphasis: stress, 419-20, 422; intonation, 430, 440, 451-2, 456.
 Endings, inflexional, 355, 389-94.
 Epiglottis, 22, 28.
 Ewe, 14, 74.
 Fante, 3, 75.
 Flapped [r], 314, 315.
 French, 3.
 Fricatives, 46-7, 214, 217, 218, 243-74, 309-40.
 Front of the tongue, 22, 33.
 Front vowels, 61, 86-105.
 Ganda, 3.
 German, 3.
 Glottal sounds: 23, 55, 214, 217, 334-40; "glottal stop", 55, 217.
 Glottis, 21, 23, 24, 28, 55.
 Gramophone records, 73, 433, App. D (4) & (5).
 Half-close vowels, 71.
 Half-open vowels, 71.
 Head of a tone-group: 437-9, 443; broken, 456; low, 448, 449; scandent, 450.
 High vowels, 63.
 Imitation as factor in language-learning, 8, 9.
 Implosive sounds, 223.
 Incomplete plosion, 374.
 Intensified fall, 451, 452.
 Interjections, stress of, 421.
 Intonation: 430-68; Tune I, 436-7, 446; Tune II, 438-439, 447, 449; Tune III, 452-3; African difficulties, 442.
 Intrusive [r], 318.
 Jaw, lower, 34-5.
 Kikuyu, 14, 74.
 Labial sounds, 214, 217, 219-28, 320-8.
 Labiodental sounds, 214, 217, 243-8.
 Labio-velar sound, 320.
 Larynx, 21.
 Lateral plosion, 382.
 Lateral sounds, 52-3, 300-8, 309.
 Lax vowels, 94, 120, 122-3, 145, 147.
 Length: of vowels, 78-84, 157, 387-8; of consonants, 47, 49, 262, 280-2, 306, 371-3, 387-8.
 Linking [r], 318, 383.
 Lips, 6, 35, 60.
 Low head, 448, 449.
 Low vowels, 63.
 Lungs, 19, 20.
 Narrow diphthongs, 158, 160, 165-72.
 Narrow transcription, App. C.
 Nasal cavity, 29.
 Nasal plosion, 376, 377.
 Nasal sounds, 49, 214, 217, 218, 275-99.
 Nasalization, 276, 278, 279, 348.
 Neighbouring sounds, *see* Adjacent sounds.
 Neutral lip position, 35.
 Nose, 29; *see also* Nasal plosion, sounds, *and* Nasalization.
 Nouns, stress of, 421.
 Nucleus of a tone-group, 437, 438, 439, 443, 452.
 Numerals, stress of, 421.
 Open vowels, 63.
 Palatal sounds: 214, 329-33; plosives, 262.
 Palate: hard, 22, 32; soft, 22, 29.
 Palato-alveolar sounds, 214, 259-74.
 Parenthetical insertions, 457-8.
 Pharynx, 22, 28, 31.
 Phonemes, App. B.
 Phonetic transcription: principle, 11, 12, 13, App. B; symbols for vowels, 76-8, 153, 405, App. C; for consonants, 216-7, 284, 325, 330, 337, 371; stress-marks, 143, 401, 405.
 Phonetics, 6, 11.
 Piano strings, 25, 26.

- Pitch, 26; *see also* Intonation.
 Plosion, special kinds of, 371-82.
 Plosives: 42, 47, 55, 214, 217, 218, 219-42; dental, 363; palatal, 262; double-length, 371-2.
 Prefixes, 408-9, 416 (7).
 Prepositions, 386, 421, 423-424, 427.
 Pronouns: personal and relative, 421, 423-4, 427; demonstrative and interrogative, 421, 424.
 Pure vowels, 76-150.
- Quantity, *see* Length.
- Received Pronunciation, 17-18.
 Resonance, 58-60.
 Resonator, 59-60.
 Rhythm, 396-7, 417-8, 426.
 Rolled [r], 312-4.
 Roof of the mouth, *see* Palate.
 Root of the tongue, 22, 28.
 Rounded lip position, 35.
 R.P., *see* Received Pronunciation.
- Scandent head, 450.
 Scottish pronunciation, 16, 170, 326, 337.
 Secondary stress, 401-2.
 Semi-vowels, 321-3, 329.
 Sentence-stress, 399, 419-27, 435, 440.
- Shona, 75.
 Somali, 3.
 Sound systems, 3.
 Spanish, 3, App. B.
 Speech organs, 19-37.
 Spelling: 11, 76, 216, App. A; Africans misled by, 92, 381.
 Spirants, *see* Fricatives.
 Spread lip position, 35.
 Standard English, 17.
 Stops, *see* Plosives.
 Stress: 143, 395-427; influence on vowels, 145-6, 403-5; on consonants, 339-40, 406-7; relation to intonation, 435-40; African difficulties, 397, 415.
 Strong forms, 423-4, 426, 427.
 Style, 428-9.
 Subordination of tone-groups, 459, 463-8.
 Suffixes, 257 (1), 410-11, 416 (8).
 Syllabic consonants: [l], 305, 306, 382; [m], 284-5; [n], 93, 289, 377-81; [ŋ], 293.
- Tail of a tone-group, 437, 439, 448, 452, 457.
 Teeth, 32; *see also* Dental and Labiodental sounds.
 Teeth ridge, 32; *see also* Alveolar sounds.
 Tense vowels, 94, 122.
 Tip of the tongue, 33.
- Tone-groups, 455-68.
 Tone languages, 431, 442.
 Tongue, 28, 33, 60, 65-70.
 Transcription, *see* Phonetic transcription.
 Triphthongs, 164, 206-12.
- Uvula, 22, 31.
 Uvular [r], 31.
- Velar sounds: 214, 217, 236-242, 292-9; fricative, 337.
 Velum, 29.
 Verbs: auxiliary, 421, 423-4; principal, 421.
 Vibration: as origin of musical notes, 25-7; in pronunciation of [r], 31, 312-3.
 Vocal cords, 21-2, 25-6.
 Voice, 24-7.
 Voiced and voiceless sounds, 24, 27, 55, 57-8.
 Vowel harmony, 349-51.
 Vowel linkage, 383-6.
 Vowels: 57-8, 321-3; classification, 61-75; pure vowels, 76-150; diphthongs, 151-212.
- Weak forms, 423-4, 426.
 Whisper, 48, 57, 335, 337.
 Wide diphthongs, 158, 160, 173-84.
 Windpipe, 20, 22.
 Word-stress, 399, 400-13.
- Yoruba, 3, 14, 74, 75.

B. Phonetic

The symbols appear in the same order as in the list on p. viii.

- | | |
|------------------------------|---|
| [i:], 35, 36, 61, 86-9. | [t], 40, 42, 43, 229-35, 363. |
| [i], 64, 90-6. | [k], 44, 50, 236-42. |
| [e], 63, 97-100. | [b], 41, 42, 43, 219-28. |
| [æ], 64, 101-5. | [d], 41, 42, 43, 229-35, 311, 314, 363. |
| [a:] 106-10. | [g], 44, 50, 236-42. |
| [ɔ], 63, 111-4. | [f], 24, 45, 46, 243-8, 346. |
| [ɔ:], 115-8. | [v], 45, 46, 243-8, 346. |
| [u], 64, 119-25. | [θ], 47, 249-53. |
| [u:], 35, 61, 63, 126-9. | [ð], 47, 249-53. |
| [λ], 130-6. | [s], 24, 45, 46, 254-8, 346, 406. |
| [e:], 137-41. | [z], 45, 46, 254-8, 309, 406. |
| [ə], 142-50. | [ʃ], 47, 259-74, 356-9. |
| [ei], 165-8. | [ʒ], 47, 259-74, 310, 356, 360. |
| [ou], 169-72. | [m], 48-9, 277, 283-7. |
| [ai], 173-6. | [n], 48-9, 277, 288-91, 364 |
| [au], 177-80. | [ŋ], 30, 277, 292-9. |
| [oi], 181-4. | [l], 51-2, 300-8, 309. |
| [iə], 185-9, 192-4. | [r], 31, 189, 197, 205, 300, 309-19. |
| [eə], 190-8. | [w], 320-8. |
| [uə], 199-205. | [j], 321-3, 329-33, 356-62. |
| [p], 24, 39, 42, 43, 219-28. | [h], 23, 24, 334-40. |