

1. Record Nr.	UNINA9910461946503321
Autore	Kaminska Tatiana Ewa
Titolo	Problems in Scottish English phonology [[electronic resource] /] / Tatiana Ewa Kaminska
Pubbl/distr/stampa	Tubingen, : M. Niemeyer, 1995
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Descrizione fisica	1 online resource (208 p.)
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [187]-194).
Nota di contenuto	Front matter -- 1. Theoretical Background -- 2. Scottish Vowel Lengthening Rule -- 3. The Allophonic Rule of Vowel Lengthening in English and Aitken`s Law -- 4. Phonological Account of [r]-Related Processes in RP and SSE: R-Deletion -- 5. Phonological Account of [r]-Related Processes in RP and SSE: R-Weakening -- Conclusion -- Appendix -- References
Sommario/riassunto	This book presents an account of phonological data related to the study of sonorants in Scottish Standard English (SSE), as compared with Received Pronunciation (RP). These data are analysed and interpreted within the theoretical framework of 'Lexical Phonology' and according to recent non-linear, three-dimensional theories of phonological representation. The basic tenets of 'Lexical Phonology' as well as those of 'Three-Dimensional Phonology' (with particular reference to its application to syllable structure) are explained in chapter 1. In the same chapter, the distinction between Standard English spoken with a Scottish accent (SSE) and Scots, the traditional dialect spoken in southern, eastern and north-eastern Scotland is discussed. The presentation of the theoretical paradigms in question as tested against the linguistic material of SSE is organized around the issues of vowel length and the phonological processes pertaining to the sound [r]. More

specifically, the analyses focuses on two lengthening processes operating in SSE, namely the 'Scottish Vowel Lengthening Rule' also referred to as 'Aitken's Law' (chapter 2), and the 'Allophonic Lengthening Rule', a phenomenon universal to accents of English (chapter 3). It is claimed that the former is an accent-specific lexicalization of the latter. Proposals concerning the phonological interpretation of [r]-related phenomena in both non-rhotic and rhotic accents are examined in chapters 4 and 5. In particular, various ways of accounting for the distribution of [r] in the pronunciation of non-rhotic accents (as exemplified by RP) are looked at and on the basis of evidence from rhotic accents (esp. SSE) an interpretation based on a gradient rule of [r]-weakening is proposed. Finally, Kaminska evaluates the success of the lexical framework in accounting for the data from SSE and RP investigated in the present study.

2. Record Nr.	UNISA996208270503316
Autore	Lutz Charles Gregory <1957->
Titolo	Practical genetics for aquaculture [[electronic resource] /] / C. Greg Lutz
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Descrizione fisica	1 online resource (252 pages)
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Practical Genetics for Aquaculture; Contents; Preface; Acknowledgments; 1 Overview; 1.1 Rationale; 1.2 Content; 1.3 References; 2 Gene Action I: Qualitative Traits; 2.1 Introduction; 2.2

Theory; 2.2.1 Chromosomes, loci, and alleles; 2.2.2 Dominance; 2.2.3 Formation of gametes; 2.3 Practice; 2.3.1 Ascertaining qualitative inheritance; 2.4 Illustrative Investigations And Applications; 2.4.1 Simple inheritance: a production-related trait; 2.4.2 Inheritance of color and coloration patterns; 2.4.3 Albinism; 2.5 References; 3 Gene Action II: Inheritance of Quantitative Traits; 3.1 Introduction  
 3.2 Theory  
 3.2.1 Genetic effects and phenotypic variation; 3.2.2 Average effects and dominance deviations; 3.2.3 Attributing observed variation to genetic effects; 3.2.4 Utility of estimates of genetic variation: heritability; 3.3 Practice; 3.3.1 Directed mating; 3.3.2 Identifying or segregating family groups; 3.3.3 Constraints: analysis and interpretation; 3.4 Notable Investigations And Applications; 3.4.1 Interpreting and applying heritability estimates; 3.4.2 A case study: *Ictalurus punctatus*; 3.4.3 A case study: *Macrobrachium rosenbergii*; 3.4.4 A case study: *Procambarus clarkii*; 3.4.5 A case study: *Sparus aurata*  
 3.4.6 Growth, survival, conformation and dressout traits; 3.4.7 Disease resistance; 3.5 References; 4 Selection and Realized Heritability; 4.1 Introduction; 4.2 Theory; 4.2.1 Estimating and predicting heritability; 4.2.2 Applying selection; 4.2.3 Correlated responses; 4.2.4 Multi-trait approaches; 4.2.5 Complicating and constraining factors; 4.2.6 Improving selection efficiency; 4.2.7 Using family data; 4.3 Practice; 4.3.1 Implementation difficulties; 4.3.2 Identification options; 4.3.3 Lack of response to selection  
 4.4 Illustrative Investigations And Applications  
 4.4.1 Evaluating available strains; 4.4.2 Domestication selection; 4.4.3 Conflicting results; 4.4.4 Correlated responses; 4.4.5 Indirect selection through production practices; 4.4.6 Indirect measurement; 4.4.7 Altering environmental tolerances; 4.4.8 Adjusting data for environmental bias; 4.4.9 Accounting for differences between sexes; 4.4.10 Genotype by environment interactions; 4.4.11 Miscellaneous results: finfish; 4.4.12 Miscellaneous results: mollusks; 4.4.13 Miscellaneous results: crustaceans; 4.5 References  
 5 Inbreeding, Crossbreeding and Hybridization  
 5.1 Introduction; 5.2 Theory; 5.2.1 Dominance effects and multi-locus traits; 5.2.2 Population genetics and dominance effects; 5.2.3 Molecular genetics and dominance effects; 5.2.4 Utilizing dominance effects for genetic improvement; 5.2.5 Alternate goals in hybridization trials; 5.3 Practice; 5.3.1 Inbreeding impacts; 5.3.2 Exploiting heterosis in a production environment; 5.3.3 Maternal effects; 5.3.4 Combining strain or species attributes; 5.3.5 Monosex and sterile hybrids; 5.3.6 Combining appropriate broodstock and gametes  
 5.3.7 Crossbreeding or hybridization in breed formation

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Sommario/riassunto

Over recent years there have been major advances in the application of molecular, biotechnological and genetic techniques to a wide range of aquatic species. Until now, many working in a hands-on capacity in the area of aquaculture have not known what the benefits of this work could be to them. This important new book redresses this situation, providing clear details of the available scientific information and the direct application of techniques under simple and practical situations.

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