

PUBLICATIONS AND REPORTS\*

Publications and Manuscripts

Ear Differences in the Recall of Fricatives and Vowels. Christopher J. Darwin.  
Quarterly Journal of Experimental Psychology, 23, 46-62.

Some Recent Developments in the Use of Electromyography in Speech Research.  
Thomas Gay and Katherine S. Harris. Journal of Speech and Hearing  
Research, 14, 241-246.

Auditory Evoked Potentials During Speech Perception. Charles C. Wood,  
William R. Goff, and Ruth S. Day. To appear in Science.

Basic Research in Speech and Lateralization of Language: Some Implications  
for Reading Disability. Isabelle Y. Liberman. To appear in Annual  
Bulletin of the Orton Society.

An Auditory Analogue of the Sperling Partial Report Procedure: Evidence  
for Brief Auditory Storage. C. J. Darwin, M. T. Turvey, and R. G. Crowder.  
To appear in Cognitive Psychology.

Electromyography of the Intrinsic Laryngeal Muscles During Phonation.  
Thomas Gay, Hajime Hirose, Marshall Strome, and Masayuki Sawashima.  
Submitted for publication.

Stimulus Versus Response Competition and Ear Asymmetry in Dichotic Listening.  
C. J. Darwin.

Reports and Oral Papers

Colloquium. Alvin M. Liberman. New York University Medical School.  
January 1971.

Speech Acoustics, Perception and the Evolution of Language. Philip Lieberman.  
Brown University, Providence, 13 January 1971.

What Constitutes Perceptual Competition in Dichotic Listening? Ruth S. Day  
and James E. Cutting. Paper presented at the 42nd Annual Meeting of  
the Eastern Psychological Association, New York, 15-17 April 1971.

Neural Specialization for Speech Perception. Michael Studdert-Kennedy.  
Colloquium, University of Texas, Austin, 19 April 1971.

Perception of Dichotically Presented Stop Consonants as a Function of Kind  
and Amount of Information Shared by Ears. Donald Shankweiler,  
Michael Studdert-Kennedy, and David Pisoni. Oral Paper presented at  
the 81st Meeting of the Acoustical Society of America, Washington, D.C.,  
20-23 April 1971.

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\* Most of the contents of this report, SR 25/26, are included in this listing.

- Dichotic Forward and Backward Masking of Complex Sounds, C. J. Darwin.  
Oral paper presented at the 81st Meeting of the Acoustical Society of America, Washington, D.C., 20-23 April 1971.
- The Effect of Temporal Overlap on the Perception of Dichotically and Monotically Presented CV Syllables. Robert J. Porter. Paper presented at the 81st Meeting of the Acoustical Society of America, Washington, D.C., 20-23 April 1971.
- Vocal Tract Size Normalization in the Perception of Stop Consonants.  
T. C. Rand. Paper presented at the 81st Meeting of the Acoustical Society of America, Washington, D.C., 20-23 April 1971.
- Cross-Language Testing of Distinctive Features in Production and Perception.  
Arthur S. Abramson. Talk at the University of Rochester, 30 April 1971.
- What Can Speech Scientists and Speech Pathologists Learn from Each Other?  
Michael Studdert-Kennedy. Panel Discussion, New York Speech and Hearing Association, Monticello, 4 May 1971.
- How is Language Conveyed by Speech? Franklin S. Cooper. Paper presented at the NICHD Growth and Development Program Conference, Communicating by Language: The Relationships Between Speech and Learning to Read, Elkridge, Md., 16-19 May 1971.
- How is Reading Grafted onto a Language that the Reader Has Already Acquired?  
Ignatius G. Mattingly. Paper presented at the NICHD Growth and Development Program Conference, Communicating by Language: The Relationships Between Speech and Learning to Read, Elkridge, Md., 16-19 May 1971.
- A Comparison of the Way Children Acquire Spoken and Written Language.  
Donald Shankweiler and Isabelle Liberman. Paper presented at the NICHD Growth and Development Program Conference, Communicating by Language: The Relationships Between Speech and Learning to Read, Elkridge, Md., 16-19 May 1971.
- The EMG Data System. Diane K. Port.
- Electromyography of the Articulatory Muscles: Current Instrumentation and Technique. Hajime Hirose.
- Action of the Extrinsic Musculature in the Control of Tongue Position: Preliminary Report. Katherine S. Harris.
- Electromyography of the Intrinsic Laryngeal Muscles During Phonation. Thomas Gay, Hajime Hirose, Marshall Strome, and Mayasima Sawashima.
- An Electromyographic Study of Laryngeal Adjustments During Speech Articulation: A Preliminary Report. Hajime Hirose.
- The Velopharyngeal Mechanism: An Electromyographic Study -- A Preliminary Report. Fredericka B. Berti.

An Electromyographic Investigation of the Tense-Lax Feature in Some English Vowels. Lawrence J. Raphael.

Thesis

Vowel Duration as a Cue to the Perceptual Separation of Cognate Sounds in American English. Lawrence J. Raphael. Ph.D. dissertation, City University of New York.

## DOCUMENT CONTROL DATA - R &amp; D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

1. ORIGINATING ACTIVITY (Corporate author)		2a. REPORT SECURITY CLASSIFICATION	
Haskins Laboratories, Inc. 270 Crown Street New Haven, Conn. 06510		Unclassified	
3. REPORT TITLE		2b. GROUP	
Status Report on Speech Research, No. 25/26, January-June 1971		N/A	
4. DESCRIPTIVE NOTES (Type of report and, inclusive dates)			
Interim Scientific Report			
5. AUTHOR(S) (First name, middle initial, last name)			
Staff of Haskins Laboratories; Franklin S. Cooper, P.I.			
6. REPORT DATE	7a. TOTAL NO. OF PAGES	7b. NO. OF REFS	
July 1971	147	219	
8a. CONTRACT OR GRANT NO.	9a. ORIGINATOR'S REPORT NUMBER(S)		
ONR Contract N00014-67-A-0129-0001	SR-25/26 (1971)		
b. PROJECT NO.	9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report)		
NIDR: Grant DE-01774 NICHD: Grant HD-01994	None		
c. NIH/DRFR: Grant FR-5596 VA/PSAS Contract V-1005M-1253			
d. Conn. Res. Com.: Grant RSA-70-9			
10. DISTRIBUTION STATEMENT			
Distribution of this document is unlimited.*			
11. SUPPLEMENTARY NOTES		12. SPONSORING MILITARY ACTIVITY	
N/A		See No. 8	
13. ABSTRACT			
<p>This report (for 1 January-30 June) is one of a regular series on the status and progress of studies on the nature of speech, instrumentation for its investigation, and practical applications. Manuscripts and extended reports cover the following topics:</p> <ul style="list-style-type: none"> <li>-Auditory and Phonetic Processes in Speech Perception: Evidence from a Dichotic Study</li> <li>-An Auditory Analogue of the Sperling Partial Report Procedure: Evidence for Brief Auditory Storage</li> <li>-Stimulus Versus Response Competition and Ear Asymmetry in Dichotic Listening</li> <li>-The Effect of Temporal Overlap on the Perception of Dichotically and Monotically Presented CV Syllables</li> <li>-Auditory Evoked Potentials During Speech Perception</li> <li>-Basic Research in Speech and Lateralization of Language: Some Implications for Reading Disability</li> <li>-The EMG Data System</li> <li>-Electromyography of the Articulatory Muscles: Current Instrumentation and Technique</li> <li>-Action of the Extrinsic Musculature in the Control of Tongue Position</li> <li>-Electromyography of the Intrinsic Laryngeal Muscles During Phonation</li> <li>-An Electromyographic Study of Laryngeal Adjustments During Speech Articulation</li> <li>-The Velopharyngeal Mechanism: An Electromyographic Study</li> <li>-An Electromyographic Investigation of the Tense-Lax Feature in Some English Vowels</li> <li>-Vocal Tract Size Normalization in the Perception of Stop Consonants</li> <li>-Vowel Duration as a Cue to the Perceptual Separation of Cognate Sounds in American English</li> </ul>			

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1 NOV 65

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S/N 0101-807-6811

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Security Classification

A-31408

14. KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
Dichotic listening experiments Speech and nonspeech processing Speech perception Auditory storage Lateralization of language Reading disabilities Speech physiology EMG instrumentation and techniques EMG in speech articulation						

DD FORM 1473 (BACK)  
1 NOV 55  
S/N 0101-807-6821