

SEUSSISMS AND VIOLATIONS TO UNIVERSAL LANGUAGE CONSTRAINTS

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INTRODUCTION

This paper will take an in depth view of Dr. Seuss' form of neologisms. Are his writings simply for the entertainment of children or is there a deeper purpose and structure to his use of language? Appropriately stated in *On Beyond Zebra*, "You'll be sort of surprised what there is to be found, once you go beyond Z and start poking around!" (Geisel, 1983, p. 6).

Theodor Seuss Geisel "brought significant changes to the world of children's book publishing in late 1957, when he released *The Cat in the Hat*. [It] challenged the idea that primers for young readers were limited to dull stories by . . . restricted vocabulary." (Hedblad, ed. 1999, v. 100, p. 106). *The Cat in the Hat* consisted of 223 "easy words, swift rhymes and batty nonsense [which] convinced thousands of . . . children that reading could be fun . . ." (Hedblad, ed., p. 107).

Geisel wrote and illustrated forty-four children's books and two adult fiction books under the pseudonym of Dr. Seuss. The same pseudonym bore six additional titles illustrated by other artists. Geisel also wrote under the pseudonyms of Theo. LeSieg and Rosetta Stone, each bearing twelve titles and one title respectively.

With "a compulsive search for perfection in word, rhythm and drawing" (Morgan, 1995, p. xvii), Geisel said that he "stay[ed] with a line until the meter [was] right, and the rhyme [was] right even if it [took him] five hours . . . the core of his spirit was a child's sense of fun and curiosity." (Morgan, p. xix). This curiosity lead him to create such words as thwerll (Geisel, 1978c, p. 21), zlock (Geisel, 1974b, p. 5), and gwark (Geisel, 1978c, p. 50). But, what do these new words really teach children about their language? Prescriptively speaking, nothing! Phonologically speaking, volumes!

The focus of this paper will be to determine whether "seussisms" are (1) lexical holes in the English language lexicon, (2) possibilities in any human language lexicon or (3) violations of Universal Language Constraints. Part I of this paper will define the English language segment structure and syllable structure constraints. Part II will briefly discuss Universal Language Constraints. Part III will analyze "seussisms" for possible violations to these constraints. And, finally, Part IV will identify some phonotactic rules used to create "seussisms."

PART I: ENGLISH SEGMENTS AND SYLLABLE STRUCTURE

The English language segment inventory represents 23 consonantal phonemes, with place of articulation ranging from bilabial to glottal. Nearly half of these phonemes are produced along the alveolar ridge and represent 5 manners of articulation: stop, nasal, fricative, glide and liquid.

Additionally, there are 13 vowels represented in this inventory.

The following charts (expanded from Ladefoged) illustrate all possible phonemes in the English language.

English Consonant Inventory (Ladefoged, 1993, p. 37)

	Bilabial	Lab-Dent	Dental	Alveolar	Pal-alveo	Palatal	Velar	Glottal
Nasal	m			n			ŋ	
Stop	p b			t d			k g	ʔ
Fric.		f v	θ ð	s z	ʃ ʒ			h
Glide				ɹ		j	w	
Liquid				l				

English Vowel Inventory (Ladefoged, p. 38)

	Front	Central	Back
High	i		u
Mid-high	ɪ		ʊ
Mid	e	ə	o
Mid-low	ɛ		ɔ
Low	æ	ʌ	ɑ

The English syllable system consists of 11 syllable structures. These structures are phonological units which organize segments in terms of sonority. (Blevins, 1996, p. 207).

The following chart identifies all possible English syllable structures.

English Syllable System (Blevins, p. 217)

V	CV	CVC	VC	CCV	CCVC	CVCC	VCC	CCVCC	CVCCC	CCCVCC
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Based on these syllable structures, the following constraints placed upon English segments create a sharp rise in sonority from the syllable onset to the nucleus and a gradual fall from the nucleus to the coda (Clements, 1988):

(1) Word or syllable-initial consonant clusters must not share place of articulation, specifically *[[labial][labial]], *[[coronal][coronal]] and *[[strident][strident]]. e.g. *[pw], *[tl], *[fv]. The coronal [ɹ], however, violates this rule by “freely combining with coronals [t, d, θ]. (Kenstowicz, 1996, p. 257). e.g. [tɹ], [dɹ], [θɹ]

(2) Word or syllable final consonant clusters must share place of articulation, as in ring [rɪŋ], lift [lɪft] and lint [lɪnt].

PART II: UNIVERSAL LANGUAGE CONSTRAINTS

The universal language segment inventory, illustrated by the appended IPA chart, consists of 58 known consonantal segments, 86 possible consonantal segments and 32 humanly impossible consonantal segments. Additionally, there are 28 vowels represented in this inventory.

The universal language syllable inventory can be simply illustrated by the following chart.

Universal Syllable Inventory (Clements, 1998, p. 67)

Univer.	CV			
	CV	V		
	CV	CVC		
	CV	V	CVC	VC

(1) closed syllables implies corresponding open syllables

(2) vowel-initial implies consonant initial type

(3) non-occurring: *V, VC; *CVC, VC; *CV, C, VC; *CV, CVC, VC

This chart states that “all languages have CV syllable . . . structures” (Blevins, 1996, p. 217).

And, “all languages exhibit the following property: if clusters of n Cs are possible syllable-initially, then clusters of $n-1$ Cs are also possible syllable-initially, and if clusters of n Cs are possible syllable-finally, then clusters of $n-1$ Cs are also possible finally” (Blevins, p. 217). Additionally, if a language, such as English, allows syllables consisting solely of V, then it allows V-initial syllables (Blevins, p. 217).

These universal syllable structures are governed by a universal syllable constraint, namely the Sonority Sequencing Constraint (SSC). This universal is based on the symmetry of “the initial and final segments of a syllable structure with regard to their degree of sonority” (Tropf, 1986, p. 175). Each syllable consists of a vowel, the sonority peak, and peripheral segments. These peripheral segments are “ordered in such a way that . . . sonority declines from the syllable peak” (Tropf, p. 175) out-ward. “Sonority violations [will] occur almost exclusively at the margins of the word . . .” (Kenstowicz, 1996, p. 262). The following scale defines the Sonority Sequencing Constraint.

Sonority Sequencing Scale (Tropf, 1986, p. 176)

Stop←Fricative←Nasal←Liquid←Glide←Vowel→Glide→Liquid→Nasal→Fricative→Stop

In addition, the Obligatory Contour Principle (OCP) constrains universal syllable structures by prohibiting adjacent identical elements at the phonological level (Ingram, 1995, p. 68). Violations to the OCP are language specific. Should an OCP violation arise in a language, phonotactic rules such as deletion, epenthesis or metathesis are triggered (Yip, 1988, pp. 73-74).

Examples of OCP violations would be: *[[place][place]] as in sg. bus→pl. [basəz]

Where a schwa is epenthesized between two fricatives and, *[root][root] as in next time [nekstəɪm], where one of the dental stops is deleted.

PART III: SEUSS ANALYSIS

definition: "neologism *n.* 1. A new word or phrase or an existing word used in a new sense" (Webster, 2nd ed., p. 877).

Defining the word neologism also defines a "seussism." "Seussisms" are often colorful nonsensical words used to gain a child's interest in reading. This paper will determine what percentage of "seussisms" are lexical holes in the English language lexicon, what percentage are possibilities in any human language lexicon and what percentage are violations of Universal Language Constraints.

Sixty-five books, authored by Theodor Seuss Geisel, have been examined for this study. Over eight hundred neologisms were found. And, one "seussism" has been accepted into the English language lexicon.

To facilitate analysis, the "seussisms" have been divided into nine categories: (1) phonetic English, (2) fleen, (3) fneen, (4) fteen, (5) OCP triggered phonotactic rules, (6) inflectional morphology, (7) derivational morphology, (8) minimal pairs, and (9) miscellaneous word play. The first four categories are of immediate interest and will be addressed first.

(1) **Phonetic English:** Neologisms in this category are orthographically incorrect versions of lexical items that have the same phonetic representation as their correct counterparts. Geisel, for example, would use Webster's phonetic transcription as orthographic representation. e.g. "goulash" (goo'lash) (Webster, 2nd ed., p. 561) becomes the neologism "goolash" (Geisel, 1967a, p. 4). The IPA transcription [gʊlɒʃ] is phonetically the same for both "goolash" and goulash. See Appendix B for a complete listing of neologisms under this category.

(2) **Fleen:** Neologisms in this category are not English words, but could be. There are no English language specific violations of segment or syllable constraints, nor are there violations of Universal Language Constraints. These are lexical holes in the English language lexicon. For example, "flepped" [flept] (Geisel, 1965b, p. 26) consists of segments contained in the English language segment inventory and adheres to the syllable structure constraint of CCVCC. Additionally, the segments within the onset consonant cluster do not share place of articulation and adhere to the SSC. Segments within the syllable final consonant cluster, however, do share place of articulation as allowed in English.

Another example, “quirkles” [kwɪɹkɫz] (Geisel, 1970, p. 4), has the syllable structure of CCVCC and also adheres to these constraints. See Appendix C for a complete listing of neologisms in this category.

(3) Fneen: Neologisms in this category do not adhere to English language constraints and therefore, must be considered possible lexical items in other languages. For example, zlock [zɫɔk] (Geisel, 1974b, p. 5) has the syllable structure CCVC and violates the English syllable structure constraint by having two adjacent coronals in the onset cluster. It does, however, respect the Sonority Sequencing Constraint. See Appendix D for a complete listing of neologisms in this category.

(4) Fteen: Neologisms in this category can be classified as possible lexical items found in non-human language lexicons. These words violate not only language specific constraints, but Universal Language Constraints governed by Universal Grammar (UG). Take for example, the word “glnbokk” [gɫnbɔk] (Morgan, 1995, p. 69). Despite adherence to universal segment and syllable structure inventories, “glnbokk” violates the SSC. The violation occurs within the syllable initial consonant cluster [gɫnb]. The first two segments [gl] adhere to the SSC while the following two segments [nb] direct acoustic energy away from the sonority peak and, therefore, violates the SSC by reversal.

Another example of this type of neologism is “humpf” [hʌmpf], as in “humpf-humpf -a-dumpfer” (Geisel, 1983, p. 13). There are no universal segment or syllable structure inventory violations, yet the reversal of the acoustic energy between the two final segments of the coda creates aberrance in sonority and violates the SSC. The result of this violation is “an inarticulate expression resembling a snort or grunt”, as defined by Webster (p. 636). See Appendix E for a complete listing of neologisms in this category.

PART IV: PHONOTACTIC RULES, MORPHOLOGY AND WORD PLAY

Neologisms “flourish most where official academic bodies cannot repress [them] . . . (Yaguello, 1998, p. 41), specifically in children's minds. “Seussisms”, like all neologisms, actualize the morphological composition of a word (Yaguello, p. 41) and energizes the imagination of a child. “Seussisms” are, in the words of Gertrude Stein, “intellectual recreation” (Yaguello, p. 86). This section will identify examples of OCP triggered phonotactic rules, inflectional morphology, derivational morphology, minimal pairs and miscellaneous word play.

Phonotactic Rules: Most of the phonotactic rules noted in Geisel's writings are author motivated as opposed to resultant OCP violations. Some of the output remains the same, however. One example from *The Butter Battle Book* shows where syllable initial *[coronal][coronal] begs deletion: “snatch them” [snætʃ ðəm] becomes “snatchern” [snætʃ ɛm] (Geisel, 1984, p. 17). Epenthesis can be seen in the example “squiggilies” [skwɪɹɫɪz], where the onset cluster [gl] is broken apart: “squiggilies” [skwɪɹɫɪz] (Geisel, 1970, p. 6). Paragogue can be seen in an example from *Bartholomew and the Oobleck*, where Geisel enriches minimal pairs: “fist, wist, mist” becomes “fista, wista, mista” (Geisel, 1977, p. 8). See Appendix F for complete listing of neologisms in this category.

Inflectional Morphology: At least 15 morphemes were identified, ranging from prescriptively accepted prefixes and suffixes such as *un-*, *-ed*, *-er*, *-est*, *-ish*, etc. to manufactured suffixes such as *-oo*, *-ie* and *-ses*. Geisel often used morphology "illegally" in order to create "seussisms." For example, "best" [best] became "bested" [bestəd] (Geisel, 1984, p. 11) and "quack" [kwæk] became "quacker-oo" [kwækəru] (Geisel, 1991a, p. 40). See Appendix G for a complete listing of neologisms in this category.

Derivational Morphology: "The figurative use of language . . . results in shifts of meaning" (Yaguello, 1998, p. 110). Geisel often used derivational morphology to illegally shift from one word class to another. For example, "slingshot (*n.*)" became "slingshotted (*v.*)" (Geisel, 1984, p. 11) and "bigger" (*adv.*) became "biggered" (*v.*) (Geisel, 1971, p. 39) and "biggering" (*v.*) (Geisel, 1971, p. 39). In another example, Geisel implies a change in word class by assigning the adjective "atrocious" to a NP, making it a N -- "a spotted atrocious" (Geisel, 1956, p. 36). The majority of derivational "seussisms" are best described on the syntactic level, whereby two Ns combine to form a larger NP as in "zooski" (Geisel, 1978c, p. 44) or an A combines with an V to form an AP, as in "woozy-snoozing" (Geisel, 1987, p. 13), and so on. See Appendix H for a complete listing of neologisms in this category.

Minimal Pairs: Geisel's writings reflect his "compulsive search for perfection in word [and] rhythm . . ." (Morgan, 1995, p. xvii). He uses minimal pairs to "color" verse with imagination, rhyme and meter, as in "donuts, dumplings, blueberry bumlings" (Geisel, 1967a, p. 5)

and "Shuffle, duffle, muzzle, muff Fista, wista, mista-cuff" (Geisel, 1977, p. 8). Others examples, which are for the youngest of readers are: "Pup in cup" (Geisel, 1991b, p. 4) "Mouse on house" (Geisel, 1991b, p. 6) and "Pat sat on hat" (Geisel, 1991b, p. 27). See Appendix I for a complete listing of neologisms in this category.

Miscellaneous Word Play: Geisel "took words and juggled them, twirled them, bounced them off the page . . . [his] message was clear . . . words are fun . . ." (Morgan, 1995, p. 290). He created neologisms "when English seemed too skimpy" (Morgan, p. 290). His writings, rich in rhyme, were imbedded with "subtle messages on issues important to him, from internationalism to environmentalism" (The Associated Press, 9/26/91). They "maintained [a] universal cry for fairness, wonder and love" (Morgan, p. 291). Through frivolous verse and rhyme, Geisel brushed away negative learning filters, encouraging children to read and enjoy themselves -- morality and language acquisition was subliminal. Often, Geisel injected advanced vocabulary into his writings, where it remained undetected. The following examples are some of his tricks.

Advanced Vocabulary:

"The Assosee-eye-ation has built just for you a railway with very particular boats that are pulled through the air by Funicular Goats." (Geisel, 1959, p. 14)

Advanced Vocabulary and Minimal Pairs:

"I was racing pell-mell when I heard a voice yell" (Geisel, 1984, p. 30). Here, minimal pairs "yell" and "pell-mell" are encapsulated in rhyme and meter. At first glance, "pell-mell" might appear to be a neologism, but it is not.

Onamodepoedia:

"Dibble, dibble, dibble, drip, drip, drip!" (Geisel, 1967a, p. 35) mimics rain drops.

Slips of the Tongue:

"One Buffalo Bill. And one Biffalo Buff" (Geisel, 1961a, p. 41).

Paronymic Sequence:

"... there are no better pets than the Time-Telling Fish that Gitz gets and Getz gets" (Geisel, 1959, p. 32).

The following chart illustrates the % categories where the over eight hundred "seussisms" are found.

	%
Phonetic English	7%
Fleen	51%
Fneen	.8%
Fteen	1.5%
Phonotactics	1.6%
Infl.Morphology	6%
Der.Morphology	24%
Minimal Pairs	6%
Word Play	2%

See Appendix J for a complete listing of neologisms in this category.
See Appendix K for complete listing of all neologisms gathered.

CONCLUSION

In the early stage of language acquisition, a child can articulate an overwhelming number of sounds which never come together in a single language (Yaguello, 1998, p. 52). At some point, children lose sounds which are foreign to the language they are acquiring, as well as some belonging to their target language (Yaguello, p. 53). Despite temporary regression, children recognize lost phonemes, but must relearn how to articulate them (Yaguello, p. 53). The child must learn to "identify . . . subtle boundaries between sounds . . . and [how] they generate differences in meaning. Phonemes closely resembling one another are difficult to distinguish, and therefore, word games such as tongue twisters help children learn to make these distinctions (Yaguello, p. 53). Geisel recognized children's inherent sensitivity to the sounds of language and thus based his writings on minimal pairs, paronymic sequences, onomatopoeia, etc. His writings dispelled popular belief that children could only learn to read from stiff "Dick and Jane" primers. And, he recognized that children unknowingly draw upon Universal Grammar in acquiring their language -- nothing needed to be memorized. Geisel's nonsense verse proved that "grammaticality is a fuzzy-edged concept" (Yaguello, p. 118).

What may be prescriptively incorrect may be descriptively correct.

In conclusion, "seussisms" prescriptively teach children nothing! Phonologically, they teach children volumes about their language! For example, "syllable onsets in English are defined by a combination of Universal [Grammar] and language-particular information" (Kenstowicz, 1996, p. 259). Children have inherent knowledge of how a language works and know when a Universal Language Constraint is violated. "Seussisms" help them recognize these violations as well as help them parameterize English language segment and syllable structure constraints.

This study found that "seussisms" typically do not violate English language or Universal Language segment and syllable structure inventories, but do violate English language and Universal Language syllable structure constraints. There is, however, one example from *The Idioms of Iceland at a Glance*: "mnpf" [mnpf] (Morgan, 1995, p. 69), where a Universal Language Syllable structure violation occurs. All human language syllables must contain a V.

The following chart identifies what percentage of "seussisms" violate the English language and Universal Language Constraints.

	English Segment	Eng.Syl.Violation	Univer.Segment	SSC
Phonetic English	0	0	0	0
Fleen	0	0	0	0
Fneen	0	.8%	0	0
Fteen	0	0	.1%	1.4%
Phonotactics	0	0	0	0
Infl.Morphology	0	0	0	0
Der.Morphology	0	0	0	0
Minimal Pairs	0	0	0	0
Word Play	0	0	0	0

These violations were not the result of Geisel's inability to draw upon Universal Grammar, but by personal design.

Post Script
(General Interest)

- (1) Theodor Seuss Geisel's "contributions to . . . language [are] cited in two reference books published in 1992: *The Oxford Companion to the English Language* uses fourteen lines from *Fox in Socks* when discussing "compounds in context"; the sixteenth edition of *Bartlett's Familiar Quotations*, edited by Justin Kaplan, includes references from *Horton Hatches the Egg* and *The Cat in the Hat*" (Morgan, 1995, pp. 291-292).

- (2) One neologism has been accepted in the English language: "grinch".

Webster's definition:

grinch (grinch), *n.* a person or thing that spoils or dampens the pleasure of others. [1965-70; from the *Grinch*, name of a character created by Dr. Seuss (Theodore Seuss Geisel)] (Webster, 2nd ed., p. 572).

- (3) Geisel used three pseudonyms: Dr. Seuss, Theo LeSieg and Rosetta Stone. Le Sieg is Geisel spelled in reverse.

- (4) Out of Print Books:

Geisel, T. S. 1976. *Hooper Humperdinck . . . ? by Theo. LeSieg [pseud.]*. New York: Random House, Inc.

Geisel, T. S. 1999. *Please try to Remember the First of October!* by Theo. LeSieg [pseud.]. New York: Random House, Inc. RE-ISSUE 4/15/99

Geisel, T. S. 1975. *Would You Rather Be a Bullfrog?* by Theo. Le Sieg [pseud.]. New York: Random House, Inc.

- (5) Geisel wrote for many magazines in the late 1920s. *Life*, a humor magazine was published from 1883 to 1936. Reference in this paper to "*Idioms of Iceland*" came from issue July 26, 1929. It may be possibly be found in *Life*, Vol. I AP101.16 from Library of Congress.
- (6) *The Cat in the Hat*, the first book Geisel wrote specifically for beginning readers did not contain any neologisms.
- (7) "*Green Eggs and Ham* is the third-largest selling book in the English language. Ever" (Retrospective Exhibition Catalogue, 1986, p. 17)

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APPENDIX A

APPENDIX B

Phonetic English(Neologisms: orthographically incorrect, but phonetically correct)

<u>NEOLOGISM</u>	<u>ENGLISH</u>	<u>IPA</u>	<u>WEBSTER</u>
<i>The 500 Hats of Bartholomew Cubbins</i>			
<u>didd</u> 1	did	[dɪd]	
<u>snipps</u> 20	snips	[snɪps]	
<u>g-r-r-zapp</u> 29	zap	[zæp]	
<u>klay</u> 31	clay	[kleɪ]	
<i>The Butter Battle Book</i>			
<u>kick-a-poo</u> 20	pooh	[pu]	
<u>poo-a-doo</u> 20	do	[du]	
<u>witz</u> 22	wits	[wɪtz]	
<u>miz</u> 33	Ms.	[mɪz]	
<i>The Cat in the Hat Songbook</i>			
<u>goolash</u> 4	goulash	[guːlɒʃ]	(goo'lash)
<u>stroodles</u> 5	strudels	[strudlɪz]	(strood'l)
<u>woosh</u> 53	whoosh	[wuːʃ]	(woosh)
<i>Did I Ever Tell You How Lucky You Are?</i>			
<u>bumm</u> 6	bum	[bʌm]	
<u>snoor</u> 13	snore	[snɔːr]	
<u>goor</u> 13	gore	[ɡɔːr]	
<u>krock</u> 44	crock	[krɒk]	(krok)
<i>Dr. Seuss's ABC</i>			
<u>doo</u> 12	do	[du]	
<u>lopp</u> 28	lop	[lɒp]	
<u>knox</u> 54	knocks	[nɒks]	
<u>offt</u> 38	oft	[ɔft]	
<i>Dr. Seuss's Sleep Book</i>			
<u>mercedd</u> 14	Merced, CA	[mɛrɛd]	
<u>krox</u> 28	crocks	[krɒks]	
<u>dofft</u> 38	doffed	[dɔft]	
<i>Happy Birthday to You!</i>			
<u>hi-sign-and-shake</u> 6	high	[haɪ]	
<u>getz</u> 32	gets	[ɡɛtz]	
<i>Horton Hatches the Egg</i>			
<u>mavzie</u> 1	mazy	[meɪzi]	
<u>toodle-oo</u> 4	tootle	[tuːl]	
<u>ooh</u> 34	oh	[oʊ]	
<i>How the Grinch Stole Christmas!</i>			
<u>grinch</u> 3	grinch	[ɡrɪntʃ]	
<u>crumpit</u> 38	crumpet	[krɪmpɪt]	
<i>I'm Not Going To Get Up Today!</i>			
<u>bringg</u> 2	bring	[brɪŋ]	
<i>I Can Draw it Myself by Me, Myself</i>			
<u>hoo-fish</u> 7	who	[hu]	
<u>stine</u> 8	stein	[stɛɪn]	
<u>chantz</u> 12	chance	[tʃænts]	

<u>NEOLOGISM</u>	<u>ENGLISH</u>	<u>IPA</u>	<u>WEBSTER</u>
<i>I Can Lick 30 Tigers Today! and Other Stories</i>			
<u>katz</u> 17	cats	[kæts]	
<u>fooie</u> 23	phooey	[fuwi]	(foo'e)
<u>klunker-klunk</u> 44	clunk	[klʌŋk]	
<i>If I Ran the Circus</i>			
<u>frumm</u> 14	from	[fɹʌm]	
<u>lassoo</u> 18	lasso	[læsou]	
<u>super-stoo-pendus</u> 28	stupendous	[stupendas]	(stoo pen'das)
<i>If I Ran the Zoo</i>			
<u>chuggs</u> 33	chugs	[tʃʌgz]	
<i>The King's Sittus</i>			
<u>bin</u> 2	bin	[bm]	
<i>The Lorax</i>			
<u>nicb</u> 29	niche	[nɪtʃ]	
<i>Brown Can Moo! Can You?</i>			
<u>klopp</u> 5	clop	[klɒp]	
<u>splat</u> 13	splat	[splæt]	
<i>Oh, Say Can you Say?</i>			
<u>finney</u> 2	finny	[fɪni]	
<u>dinn</u> 4	din	[dm]	
<u>slinky</u> 14	slinky	[slɪŋki]	
<u>stinkey</u> 14	stinky	[stɪŋki]	
<u>briggs</u> 20	brigs	[brɪgz]	
<u>klotz</u> 25	clots	[klɒtʒ]	(klot)
<i>Oh, the Places You'll Go!</i>			
<u>footsy</u> 8	footsie	[fʊtzi]	
<i>On Beyond Zebra!</i>			
<u>niches</u> 18	niches	[nɪtʃəz]	
<u>spazzim</u> 26	spasm	[spæzəm]	
<u>gekko</u> 38	gecko	[geko]	
<u>nubb</u> 42	nub	[nʌb]	
<i>Scrambled Eggs Super!</i>			
<u>grinch</u> 10	grinch	[grɪntʃ]	
<u>strudel</u> 18	strudel	[strʊdɪ]	
<u>klammering</u> 32	clammering	[klæməɪŋ]	
<i>The Sneetches and Other Stories</i>			
<u>klonked</u> 9	clonked	[klɒŋt]	
<u>but</u> 41	but	[bʌt]	
<i>Thidwick: The Big-Hearted Moose</i>			
<u>skat</u> 17	scat	[skæt]	
<i>The Tooth Book</i>			
<u>klucks</u> 19	clucks	[clʌks]	

APPENDIX C

Fleen
(Lexical holes)

<u>NEOLOGISM</u>	<u>IPA</u>	<u>NEOLOGISM</u>	<u>IPA</u>
<i>The 500 Hats of Bartholomew Cubbins</i>			
cubbins 1	[kʌbmz]	derwin 2	[dərwin]
flupp 17	[flʌp]	alaric 19	[ælərɪk]
screebees 22	[skriːbɪz]	nadd 23	[næd]
g-r-r-zibb 29	[gəʊzɪb]	g-r-r-zopp 29	[gəʊzɒp]
malber 31	[mɒlbər]	balber 31	[bɒlbər]
tidder 31	[tɪdər]	tudd 31	[tʌd]
winkibus 31	[wɪŋkɪbʌs]	tinkibus 31	[tɪŋkɪbʌs]
fotichee 31	[fɒtɪʃi]	gleap 31	[glɪp]
<i>Bartholomew and the Oobleck</i>			
oobleck 10	[oʊblek]	neeka-tave 11	[nikətərv]
glugg 24	[glʌg]	gloing 25	[glouŋ]
<i>Because a Little Bug Went Ka-choo!</i>			
ka-choo 2	[kəʃu]		
<i>The Butter Battle Book</i>			
yooks 4	[juks]	zooks 4	[zuks]
yookeroo 12	[juːkəru]	gupp 17	[gʌp]
yookie-ann 33	[juːkiən]	sala-ma-goo 34	[salamagu]
yookery 37	[juːkəri]	lopulous 40	[lɒpʊləs]
bopulous 40	[bɒpʊləs]	klupp-klupp 41	[klʌpklʌp]
klupped 41	[klʌpt]		
<i>The Cat in the Hat Comes Back!</i>			
voom 57	[vʊm]		
<i>The Cat in the Hat Songbook</i>			
wuzzled 4	[wʌzld]	poobers 4	[puːbərz]
wush 5	[wʌʃ]	flum 6	[flʌm]
zum 18	[zʌm]	zumme 18	[zʌmə]
booper 19	[buːpər]	boop 19	[buːp]
hoo-to 33	[huːtu]	foo-to 33	[fuːtu]
boo-to 33	[buːtu]	dobbie 35	[dɒbi]
bicklebaum 39	[bɪklɪbɔːm]	spingel 42	[spɪŋɡl]
spungei 42	[spʌŋɡi]	sporn 42	[spɔːrn]
<i>The Cat's Quizzer</i>			
zossfozzel 1	[zɒsfɒzl]	zizzy 1	[zɪzi]
<i>Daisy-Head Maysie</i>			
sneetcher 5	[sniːtʃər]	mayzie 7	[meɪzi]
<i>Did I Ever Tell You How Lucky You Are?</i>			
drize 3	[dɪrɪz]	ga-zayt 8	[gəzɛɪt]
zayt 8	[zɛɪt]	throm-dim-bu-lator 13	[θɹɒmdɪmbʊlɛtər]
gick 13	[ɡɪk]	skrux 13	[skɹʌks]
snux 13	[snʌks]	piffulous 15	[pɪfʊləs]
dooklas 15	[duːklʌs]	grooz 17	[ɡruːz]
bix 18	[bɪks]		

NEOLOGISM	IPA	NEOLOGISM	IPA
<i>Dr. Seuss's ABC</i>			
fiffer-feffer-feff 16	[fɪfəfɛfəfɛf]	kerchoo 27	[kəɹtʃu]
quincy 40	[kwɪnsɪ]	tuttle-tuttle 46	[tʌtʃtʌtʃ]
ubb 48	[ʌb]	vinn 50	[vɪn]
yorgenson 57	[jɔʊənsən]	zizzer-zazzer-zuzz 63	[zɪzəzɛzəzɪz]
<i>Dr. Seuss's Sleep Book</i>			
herk-heimer 8	[hɜrkhaɪmə]	krupp 10	[kɹʌp]
hinkle-horn 14	[hɪŋklhɔʊn]	frink 17	[frɪŋk]
biggel-ball 18	[bɪgɪbɔɪ]	plup 18	[plʌp]
redd-zoff 20	[rɛdzɔf]	mupp 26	[mʌp]
ticker 29	[tɪkə]	tocker 29	[tɔkə]
mephail 32	[mɛkfɛɪ]	foona-lagoon 34	[fʊnəlagʊnə]
jedd 37	[dʒɛd]	va-vode 44	[vavʊd]
zizzer-zoof 44	[zɪzəzʊf]	zoofing 45	[zʊfɪŋ]
foodle 48	[fuɪd]		
<i>Fox in Socks</i>			
tock 14	[tɔk]	bim 36	[bɪm]
blibber 44	[blɪbɜ]	tweetle-beetle 49	[twɪtʃbɪtʃ]
duddled 59	[dʌvʌd]	wuddled 59	[wʌvʌd]
<i>Great Day for Up!</i>			
Dill-ma-dills 15	[dɪlmədɪls]		
<i>Happy Birthday to You!</i>			
katoo 1	[katu]	zorn 1	[zɔʊn]
cawnt 9	[kɔnt]	shawnt 9	[ʃɔnt]
who-bubs 17	[hʊbʌbz]	snop 17	[snɔp]
snoppers 17	[snɔpɜz]	nop 17	[nɔp]
hippo-heimers 18	[hɪpəhaɪməz]	zum 38	[zʌm]
zimmers 38	[zʌməz]	zumming 38	[zʌmɪŋ]
derring's 41	[dɛrɪŋz]	dutter 43	[dʌtʃɜ]
hiffer-back 46	[hɪfəbæk]	gitz 32	[gɪtʃ]
gits 32	[gɪtʃ]	klopers 35	[klɔpɜz]
<i>Hooray for Diffendoofer Day!</i>			
zizendorf 44	[zɪzəndʊrf]	zoofendorf 44	[zʊfəndʊrf]
diffendoof 49	[dɪfəndʊf]	ziffendoof 49	[zɪfəndʊf]
vacu-bike 50	[vækjʊbɪk]	finkel 52	[fɪŋkl]
winkel 52	[wɪŋkl]		
<i>Horton Hatches the Egg</i>			
horton 2	[hɔʊtən]		
<i>Horton Hears a Who!</i>			
nool 1	[nʊl]	beezle-nut 38	[bɪzɪnʌt]
boom-pahs 49	[bʊmpɜz]	bipping 52	[bɪpɪŋ]
jo-jo 54	[dʒɔʊdʒɔʊ]	yopp 57	[jɔp]
<i>How the Grinch Stole Christmas!</i>			
chimbley 23	[tʃɪmbli]		
<i>Hunches in Bunches</i>			
ga-fluppted 14	[gəflʌpt]	gee-hossa-flat 19	[dʒɪhɔsəflæt]
schlupp 22	[ʃlʌp]	barg-ued 37	[bɑrgʊd]

NEOLOGISM	IPA	NEOLOGISM	IPA
<i>I'm Not Getting Up Today!</i>			
zizz-zizz 13	[zɪz]	zazz 13	[zæz]
zuzz 13	[zʊz]		
<i>I Can Draw it Myself by Me, Myself</i>			
sneggs 2	[snegz]	quirkles 4	[kwɪk{l}z]
zidd 5	[zɪd]	zidds 5	[zɪdz]
gish 7	[gɪʃ]	yill-iga-yakk 17	[jɪlɪgajæk]
dee 6	[di]		
hamika-snamika-bamika-bunt 18	[hæmikasnæmɪkabæmɪka]		
<i>I Can Lick 30 Tigers Today!</i>			
looie 17	[lui]	kätzen-stein 18	[kætzenstam]
kooie 23	[kui]	chooie 25	[tʃui]
hooie 26	[hui]	blooie 26	[blui]
prooie 26	[pui]	zooie 28	[zui]
kätzen-bein 28	[kætzenbam]	blooie's 33	[bluɪz]
hooie's 33	[huɪz]	chooie's 33	[tʃuɪz]
kooie's 33	[kuɪz]	looie's 33	[luɪz]
glunk 37	[glʌŋk]	blunk 44	[blʌŋk]
texa-kota-cutt 48	[tɛksakotakʌt]	glunker 49	[glʌŋkɛə]
spuggle 49	[spʌgl]	glunking 50	[glʌŋkɪŋ]
schnutz-berry 52	[ʃnʌtsberi]	schnutz 52	[ʃnʌts]
<i>I Can Read with My Eyes Shut!</i>			
snoc 21	[snu]	foo-foo 21	[fufu]
hut-zut 31	[hʌtʌt]		
<i>I Had Trouble in Getting to Solla Sollew</i>			
vung 1	[vʌŋ]	quilligan 6	[kwɪlɪgən]
skritz 10	[skɪɪtʃ]	skrink 10	[skɪŋk]
wubble 12	[wʌbl]	solla 12	[sɒlə]
sollew 12	[sɒlu]	wubbed 14	[wʌbd]
wubble-some 14	[wʌblsʌm]	gleeks 20	[glɪks]
jicker 25	[dʒɪkɛə]	flepped 26	[flept]
flubbulous 30	[flʌbulʌs]	poozer 35	[puzɛə]
pompelmoose 35	[pɒmpɪmʊs]	poozers 39	[puzɛɪz]
sfindex	[sfɪndɛks]	slippard 53	[slɪpɛəd]
boola 54	[bʊlə]		
<i>I Wish I Had Duck Feet</i>			
kerchoo 40	[kɛɪtʃu]		
<i>If I Ran the Circus</i>			
sneelock's 1	[sni:lɒks]	mcgurk 1	[mɪgɜ:k]
mcgurkus 4	[mɪgɜ:kʌs]	jorn 11	[joʊn]
olf 13	[ɒlf]	mysolf 13	[mɜ:ɛlf]
snumm 14	[snʌm]	foon 16	[fun]
walloo 18	[wɒlu]	brigger-ba-root 23	[brɪgɜ:bəʊt]
stoo-mendus 28	[stʊmɛndʌs]	stoo-roarus 28	[stʊrɒʊəs]
organ-mcorgan-mcgurkus 28	[ɔ:ɪgən mɪgɜ:ɪgən mɪgɜ:kʌs]		

NEOLOGISMIPA*If I Ran the Zoo*

mcgrew 1	[mɪgru]
zomba-ma-tant 14	[zɒmbamatant]
motta-fa-potta-fa-peil 14	[mɒtəfəpɒtəfəpeɪ]
lunks 21	[lʌŋks]
snert 32	[snɜːl]
tizzle-topped 34	[tɪz tɒpt]
nantasket 38	[nantæskət]

The King's Stills

birtram 1	[bəstrəm]
nizzards 5	[nɪzərdz]
droonish 26	[druːnɪʃ]

The Lorax

grickle-grass 1	[grɪk gras]
lerkim 4	[lərkɪm]
moof 4	[muːf]
gruvvulous 9	[grʊvʌləs]
slupp 10	[slʌp]
once-ler's 10	[wʌnsləːz]
swomee-swans 12	[swɒmɪswɒnz]
bar-ba-loots 14	[bəʊbəlʊts]
humming-fish 15	[hʌmɪŋfɪʃ]
sitch 29	[sɪtʃ]
cruffulous 40	[krʌfələs]
gluppity-glupp 44	[glʌptɪ]
glumping 47	[glʌmpɪŋ]

Marvin K. Mooney, Will You Please Go Now!

zike-bike 8	[zaɪkbaɪk]
zumble-zay 17	[zʌmb zeɪ]

Maybe You Should Fly a Jet! Maybe You Should Be a Vet!

foice 38	[fɔɪs]
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McElligot's Pool

umbross 8	[ʌmbɹɪəs]
glurk 44	[glʌk]

Mr. Brown Can Moo, Can You?

dop 8	[dʌp]
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Oh, Say Can You Say?

pinner 5	[pɪnɜː]
shin-pin 5	[ʃɪnpɪn]
groxes10	[grɒksɜːz]
bipper 14	[bɪpɜː]
hud 14	[hʌd]
lud 14	[lʌd]
schnacks 14	[ʃnaks]
klotz 25	[klɒts]
blispers 36	[blɪspɜːz]

NEOLOGISMIPA

skeegle-mobile 12	[skɪg məubɪl]
flustard 14	[flʌstərd]
joats 18	[dʒɔʊts]
zind 26	[zɪnd]
yerka 34	[jɜːkə]
gootch 38	[gʊtʃ]
kartoom 40	[kɑːtuːm]

droon 2	[druːn]
nizzardly 10	[nɪzərdli]
g-r-r-itch 32	[gɜːrɪtʃ]

lorax 1	[ləʊræks]
miff-muffered 4	[mɪf mʌfəd]
snuvv 9	[snʌv]
whisper-ma-phone 9	[wɪspɜːməfəʊn]
slupps 10	[slʌps]
snergelly 10	[snɜːgəli]
truffula 12	[trʌfulə]
rippulous 15	[rɪpələs]
ga-zump 20	[gəzʌmp]
snarggled 40	[snɜːgld]
smogulous 40	[smɒgələs]
scholoppity-schlopp 44	[ʃlɒptɪ ʃlɒp]

crunk-car 13	[krʌŋkɑː]
ga-zoom 20	[gəzʊm]

sneeden's 9	[snɪdɜːnz]
thing-a-ma-jigger 48	[θɪŋmədʒɪgə]

blinn 5	[blɪn]
grox 10	[grɒks]
fuddnuddler 14	[fʌdnʌdlɜː]
jipper 14	[dʒɪpɜː]
fud 14	[fʌd]
dinwoodie 14	[dɪnwʊdi]
glotz 25	[glɒts]
skrope 30	[skrɒp]
bliskers 36	[blɪskɜːz]

NEOLOGISM	IPA	NEOLOGISM	IPA
<i>Oh, the Places You'll Go!</i>			
hakken-kraks 36	[hækenkræks]	bauxbaum 44	[baksbaum]
bixby 44	[biksbi]		
<i>Oh, the Thinks You Can Think!</i>			
schlopp 7	[ʃlɒp]	krauss 11	[kraus]
bloogs 12	[blugz]	na-nupp 14	[nɒnʌp]
da-dake 16	[dædeɪk]	zong 21	[zɒŋ]
jibboo 25	[dʒɪbu]	vipper 32	[vɪpə]
vipp 32	[vɪp]	beft 44	[beft]
<i>The Pop-Up Mice of Mr. Brice</i>			
bimmy 2	[bmɪ]	quackenbush 3	[kwæknəbʊʃ]
brice-mice 16	[brɪsmɪs]		
<i>On Beyond Zebra!</i>			
yuzz-a-ma-tuzz 6	[jʌzəmətʌz]	wumbus 9	[wʌmbʌs]
umbus 10	[ʌmbʌs]	fuddle-dee-duddle 14	[fʌɪdɪdɪl]
fuddle-dee-duddle's 14	[fʌɪdɪdɪlɪz]	muddle-dee-puddles 14	[mʌɪdɪpʌɪlɪz]
glikker 16	[glɪkɪ]	nutches 18	[nʌtʃɪz]
mos-keedle 20	[mɒskɪd]	sneedle 18	[sniɪd]
nazzim 26	[næzɪm]	bazzim 26	[bæzɪm]
floob-boober-bab-boober-bubs 28	[flʊbbʊbɔ:bəbbʊbɔ:bʌbz]	jogg-oons 33	[dʒɔ:ɡʊnz]
zatz-it 31	[zætɪt]	o'grunth 35	[oʊɡrʌnθ]
flunnel 35	[flʌnəl]	tun-th 35	[tʌnθ]
fun-th 35	[fʌnθ]	yekko 38	[jekou]
one-th 35	[wʌnθ]	gargel-orum 42	[ɡɑ:ɡəlɔ:rʌm]
yekkos 38	[jekouz]		
yupster 42	[jʌpstɔ:]		
<i>One Fish, Two Fish, Red Fish, Blue Fish</i>			
wump 18	[wʌmp]	gump 19	[ɡʌmp]
zans 37	[zanz]	gox 38	[ɡɒks]
ying 40	[ɪŋ]	yink 42	[ɪŋk]
yop 44	[jɒp]	ish 56	[ɪʃ]
gack 58	[gæk]	zeep 62	[zi:p]
<i>Scrambled Eggs Super!</i>			
sala-ma-goox 4	[sələməɡuks]		
sala-ma-goox's 5	[sələməɡuksəz]		
tizzle-topped 7	[tɪzlɒpt]		
super-dee-dooper-dee-booper 12	[supəɪdɪdʊpəɪdɪbʊpɔ:]		
kweet 16	[kwɪt]	beezenut 16	[bi:znʌt]
kwigger 21	[kwɪɡɔ:]	kwong 23	[kwɒŋ]
fa-zoal 24	[fəzɔ:l]	kata-ma-side 24	[kətəməsaɪd]
grice 24	[ɡraɪs]	squitsch 24	[skwɪtʃ]
zumzmian 29	[zumzɪən]	zuks 29	[zʊks]
zumms 29	[zumz]	strookoo 30	[stɹu:ku]
ham-ikka-schnim- ikka-schnam-ikka-schnopp 34	[həmɪkəfəmɪkəfəmɪkəfɒp]		
grickily 38	[ɡrɪkɪli]	gractus 38	[ɡræktʌs]
ziffs 40	[zɪfz]	zuffs 40	[zʌfs]
sneth 42	[sneθ]	dawf 44	[dɒf]
zinzibar-zanzibar 44	[zmɪzɪbɔ:zɒnzɪbɔ:]	jill-ikka-jast 44	[dʒɪlɪkədzæst]

NEOLOGISMIPA*The Shape of Me and Other Stuff*

blogg 23 [blɔg]

The Sneetches and Other Stories

sneetches 1 [snitʃəz]

chappie 7 [tʃæpi]

bonked 9 [bɒŋkt]

prax 27 [præks]

bodkin 41 [bɒdkɪn]

snimm 41 [snɪm]

ziggy 41 [zɪgi]

zutt 41 [zʊt]

roover 50 [ruvəɪ]

brickels 52 [brɪkɪlz]

There's a Wocket in My Pocket

wocket (cvr) [wɒkət]

gase (cvr) [geɪs]

nureau 2 [nuɹəu]

jertain 4 [dʒəɹtəɪn]

zelf 6 [zɛlf]

zamp 9 [zæmp]

yottle 11 [jɒtl]

ghair 12 [geɪɹ]

nupboards 14 [nʌpboɹdɪz]

grush 15 [grʌʃ]

quimney 18 [kwɪmni]

yeps 6 [jɛps]

nellar 22 [nɛləɹ]

dellar 22 [dɛləɹ]

wellar 22 [wɛləɹ]

geeling 24 [gɪlɪŋ]

ziller 26 [zɪləɹ]

Thidwick: The Big-Hearted Moose

winna-bango 1 [wɪnəbʌŋgəu]

bingle 2 [bɪŋɡl]

thidwick's 8 [θɪdwɪks]

The Tooth Book

queek 18 [kwɪk]

Yertle the Turtle

sala-ma-sond 1 [sələməsənd]

lolla-lee-lou 31 [lələli:ləu]

zang 38 [zɒŋ]

snaff 59 [snæf]

NEOLOGISMIPA

thars 1 [θaɹz]

sneetch 8 [snitʃ]

berked 27 [bɛɹkt]

zax 27 [zæks]

hoos-foos 41 [hu:zfu:z]

blinke 41 [blɪŋki]

sneepy 41 [snɪpi]

boliver 41 [bəli:vəɹ]

brickel 52 [brɪkɪl]

findow (cvr) [fɪndəu]

wasket 1 [wæskət]

woset 3 [wɒsət]

zlock 5 [zlɒk]

nink 8 [nɪŋk]

yot 10 [jɒt]

zable 12 [zɛɹbɪ]

bofa 13 [bəufə]

nooth 15 [nuθ]

vug 16 [vʊg]

zall 19 [zɒl]

tellar 22 [tɛləɹ]

gellar 22 [gɛləɹ]

bellar 22 [bɛləɹ]

zellar 22 [zɛləɹ]

zower 25 [zəuəɹ]

thidwick 2 [θɪdwɪk]

zinn-a-zu 6 [zɪnəzu]

yertle 1 [jɛɹtl]

dake 32 [deɪk]

whuffed 59 [wʌfɪ]

NEOLOGISM
IPA
You're Only Old Once!

fotta-fa-zee 3	[fɒtəfəzi]
optoglymics 5	[ɒptəʊglɪmɪks]
winick 8	[wɪnɪk]
nooronetics 14	[nəʊrənɛtɪks]
stethed 27	[stɛθɪ]
wuff-whiffer 32	[wʌwɪfə]
blinn 35	[blɪn]
timpkins 35	[tɪmpkɪnz]

NEOLOGISM
IPA

tutt-a-tutt 3	[tʌtʌtʌt]
dermoglymics 5	[dɜːmɒglɪmɪks]
norval 14	[nɒʊrɪv]
wheiden 24	[wɛɪdɛn]
smoot 27	[smuːt]
spreckles 35	[spɹɛkɫɪz]
ballew 35	[bælu]

APPENDIX D

Fneen

(Possibilities in other human language lexicons)

NEOLOGISMIPA*Dr. Seuss's Sleep Book*

vleck 1

[vlek]

Horton Hears a Who!

vlad 24

{vlæd}

vlad-i-koff 24

{vlædikof}

*"The Idioms of Iceland at a Glance" from Dr. Seuss & Mr. Geisel*ewth 69¹

[ewθ]

*The Lorax*Thneed 18²

[θnid]

Thneeds 30

[θnidz]

There's a Wocket in My Pocket!

zlock 5

[zlok]

English Syllable Violations:

- (1) No [+voice] fricative is allowed syllable initially in CC. e.g. [vl], [zl].
- (2) No [θn] is allowed in syllable initial CC.

¹Gloss: sweatshop snowball factory.

²Gloss: a "fine-something-that all-people-need": a shirt, sock, glove, hat, carpet, pillow, sheets, curtain, cover for bicycle seats.

APPENDIX E

Fteen

(Violations to Universal Language Constraints)

<u>NEOLOGISM</u>	<u>IPA</u>	<u>VIOLATION</u>
<i>"The Idioms of Iceland at a Glance" from Dr. Seuss & Mr. Geisel</i>		
glnbokk 69 ¹	[glnbok]	SSC by reversal
mnpf 69 ²	[mnpf]	Universal Language Syllable Structure SSC by plateau
<i>If I Ran the Zoo</i>		
tobsk 42 ³	[tobsk]	SSC by reversal
nobsk 42 ⁴	[nobsk]	SSC by reversal
obsk 42 ⁵	[obsk]	SSC by reversal
thing-a-ma-bobsk 42 ⁶	[bobsk]	SSC by reversal
com-on-the cobsk 42 ⁷	[kobsk]	SSC by reversal
mobsk 42 ⁸	[mobsk]	SSC by reversal
jobsk 42 ⁹	[dʒobsk]	SSC by reversal
<i>On Beyond Zebra!</i>		
swampf 13 ¹⁰	[swampf]	SSC by reversal
humf 13 ¹¹	[humf]	SSC by reversal
swumpf 13 ¹²	[swumpf]	SSC by reversal
humf-humpf-a-dumpfer 13 ¹³	[humfhumfodampfer]	SSC by reversal

¹Gloss: old-fashioned tusking bee.²Gloss: one who went visiting on St. Swithin's Day.³Gloss: name of a mountain range.⁴Gloss: name of a river.⁵Gloss: an animal-bird.⁶Gloss: akin to species type.⁷Gloss: a food.⁸Gloss: description of many people.⁹Gloss: a job.¹⁰Gloss: type of swamp.¹¹Gloss: an orthographic letter.¹²Gloss: another type of swamp.¹³Gloss: a word spelled with the letter "humf".

APPENDIX F

Phonotactic Rules

ENGLISH	IPA	NEOLOGISM	IPA
<u>Paragoge</u>			
<i>Bartholomew and the Oobleck</i>			
fist	[fɪst]	fista 8	[fɪstə]
wist	[wɪst]	wista 8	[wɪstə]
mist	[mɪst]	mista-cuff 8	[mɪstə]
<u>Epenthesis</u>			
<i>The Butter Battle Book</i>			
prickly	[prɪkli]	prickely 9	[prɪkəli]
<i>The Cat in the Hat Songbook</i>			
ought	[ɔt]	ort 25	[ɔ:t]
thieves	[θivz]	thievers 52	[θivəɪz]
<i>Happy Birthday to You!</i>			
association	[əsoʊsiətʃn]	asso-see-eye-ation 3	[əsoʊsiætʃn]
palace	[pæləs]	pal-alace 35	[pælæləs]
<i>I Can Draw it Myself by Me, Myself</i>			
squiggles	[skwɪglɪz]	squiggilies 6	[skwɪglɪz]
<i>If I Ran the Circus</i>			
bumbling	[bʌmblɪŋ]	bummbgling 28	[bʌmbəɪŋ]
<u>Deletion</u>			
<i>The Butter Battle Book</i>			
figure	[fɪɡu:]	figger 13	[fɪɡɪ]
snatch them	[snætʃ ðem]	snatchem 17	[snætʃem]
<i>I Can Lick 30 Tigers Today! And Other Stories</i>			
democratic	[dɛmokrætɪk]	democatic 34	[dɛmokrætɪk]
<i>You're Only Old Once!</i>			
finicky-finicky	[fɪnɪki fɪnɪki]	finicky-finick 8	[fɪnɪki fɪnɪk]

APPENDIX G

Inflectional Morphology

NEOLOGISM

The Butter Battle Book

blue-gooer 31

boomeroo 34

top-est 35

Did I Ever Tell You How Lucky You Are?

duckie 5

boober 6

glad-ish 41

Dr. Seuss's ABC

quacker-oo 40

Dr. Seuss's Sleep Book

snortiest 32

Happy Birthday to You!

cloppers 17, all-er 30, snookers 43, you-er 43

Hooray for Diffendoofer Day!

different-er 42

Horton Hears a Who!

whooped 49

oom-pahs 49

I Can Draw it Myself by Me, Myself

toeses 9

mcGrew 10

I Can Lick 30 Tigers Today! And Other Stories

un-thinks 40, un-thunk 46

thunked 44

If I Ran the Circus

bloops 31

eyeses 40

mcgurk 1, mcorgan 28, mcgurkus 28,

If I Ran the Zoo

un-usual 4

mcgrew 1, mcgrewski 44, mcgrewses 50

Maybe You Should Fly a Jet! Maybe You Should be a Vet!

tromboner 14, liver 25, vester 36

Oh, Say Can You Say?

finney's 2, dinn's 4

quacker 16

flapped-jack 26

Oh, the Places You'll Go!

un-slumping 19

weirdish 23

breaknecking 23

winning-est 31

On Beyond Zebra!

o'dell 1, o'grunth 35

popping-corn 26

Scrambled Eggs Super!

hooper 1

The Sneetches and Other Stories

memonkey 7, mcbean 7, mccave 37, mccave's 41

un-budged 35

o'gravel 41

Thidwick: The Big-Hearted Moose

freezy 19

APPENDIX H

Derivational Morphology

ENGLISH

The Butter Battle Book

N → V

slingshot (n.)

A → V

best (adj.)

N → A

bits (n.)

secret (n.)

The Cat in the Hat Songbook

V → N

plink (n.)

The Cat's Quizzer: Are You Smarter than the Cat in the Hat?

V → A

zig (v.)

Did I Ever Tell You How Lucky You Are?

A → Adv

much (adj.)

N → A

punker (n.)

guck (n.)

Dr. Seuss's Sleep Book

V → N

draw (v.)

snore (v.)

N → V

hoop (n.)

Fox in Socks

N → A

glue (n.)

freeze (n.)

Happy Birthday to You!

N → A

east (n.)

west (n.)

best (n.)

all (n.)

Horton Hears a Who!

N → V

humpf (n.)

N → A

fall (n.)

NEOLOGISM

slingshoted (v.) 11

bested (v.) 24

bitsy (adj.) 34

secret-est (adj.) 35

plinker (v.) 16

ziggy (adj.) 1

muchly (adv.) 5

punkerish (adj.) 47

gucky (adj.) 43

draw-er (n.) 10

snorer (n.) 32

hooping (v.) 23

gluey (adj.) 31

freezy (adj.) 47

east-est (adj.) 26

west-est (adj.) 26

best-est (adj.) 26

all-est (adj.) 26

humpfed (v.) 10

fall-ish (adj.) 60

ENGLISH

How the Grinch Stole Christmas!
N → A

grinch (n.)

N → A → Adv

grinch (n.)

Hunches in Bunches
V → N

wont (won't) (v.)

dont (don't) (v.)

N → A

hunch (n.)

I Can Lick 30 Tigers Today! And Other Stories
V → N

un-think (v.)

snort (v.)

If I Ran the Circus
V → N

should (v.)

bloop (v.)

jeer (v.)

lurch (v.)

N → V

mop-noodle (n.)

trapeze (n.)

ruckus (n.)

A → NP

atrocious (adj.)

V → Adv

slipping (v.)

A → Adv

fast (adj.)

The Lorax
Adv → N

once (adv.)

A → N

crummy (adj.)

A → V

big (adj.)

Maybe You Should Fly a Jet! Maybe You should be a Vet!
V → N

perk (v.)

McElligott's Pool
V → N

frisk (v.)

NEOLOGISM

grinchy (adj.) 4

grinch-ish-ly (adj. - adv.) 4

wonter (n.) 14

donter (n.) 14

hunchy (adj.) 29

un-thinker (n.) 40

snorty (n.) 42

shouldsters (n.) 27

bloops (n.) 31

jeers (n.) 50

lurch (n.) 31

mop-noodled (v.) 10

trapeezing (v.) 39

ruckus-ing (v.) 53

atrocious (n.) in "a spotted atrocious" 36

slippingly (adv.) 34

fastly (adv.) 45

once-ler (n.) 3

crummies (n.) 35

biggered (v.) 39

biggering (v.) 39

perker (n.) 18

friskers (n.) 18

ENGLISH*Scrambled Eggs Super!*V → N

twiddle (v.)

N → V

mop-noodle (n.)

*Oh, Say Can You Say?*N → V

quack-quack (v.)

V → NN → A

dint (n.)

N → A Lexical Meaning change

worsted (n.)

A → Proper Noun

finny (adj.)

*The Sneetches and Other Stories*A → N

snide (a.)

*You're Only Old Once!*N → V

questionnaire (n.)

A → Adv

next (adj.)

NEOLOGISM

twiddler (n.) 15

mop-noodled (v.) 10

quack-quacks (n.) 16

quacker (n.)

dinty (adj.) 14

worsted (adj.) 22

Finney's (n.) 2

peck of snide (n.) 54

questionnair~~ing~~ (v.) 8

nextly (adv.) 35

Compounds

The Butter Battle Book

Adjectival Compounds

snick-berry, triple-sling, broken-off, jigger-rock, whizz-zinger, dried-fried, gun-toting, eight-nozzled
elephant-toted, butter-up, butter-down, right-side-up, big-boy

NP Compounds

VanItch, boom-blitz, boom-bah, diddle-dee-diil, moo-lacka-moo, zook-watching

The Cat in The Hat Songbook

Adjectival Compounds

goose-moose

NP Compounds

mushmush, futzenfell

The Cat's Quizzer

NP Compounds

flash-darks, what-is-it

Daisy-Head Mayzie

Adjectival Compounds

daisy-head

Did I Ever Tell You How Lucky You Are?

Adv. Compounds

much-much, more-more-more

NP Compounds

bunglebung, crumple-horn, wamel-faddle, t-crosser, I-dotter

bee-watcher, bee-watcher-watcher, watch-watcher-watcher, watch-watcher-watchering-watch

Dr. Seuss's ABC

NP Compounds

duck-dog, wiggins

Dr. Seuss's Sleepbook

NP Compounds

every-which-where, stilt-walker, stilt-walker's, who's-asleep-score, sleep-talkers, snore-a-snort bumble-tub, bumble-tubs, audio-telly-o-tally-o-count, hoop-soup-snoop

Verb Compounds

night-brushing, tooth-brushing

Fox in Socks

NP Compounds

goo-goose

Happy Birthday to You!

NP Compounds

honk-honker, sweeping-up-afters, day-of-the-best-of-the-best, night-of-all-nights-of-all-nights

Verb Compounds

honk-honk, flap-flap, munch-er-oo, mustard-off

Adjective Compounds

warm-water, time-telling, bird-back

Hop on Pop

NP Compounds

Sechemewe, hethreetreebee

Verb Compounds

Tophopstop, patpuppup

Horton Hatches the Egg

NP Compounds

elephant-bird

Horton Hears a Who!

NP Compounds

speck-voice, who-ville

Adjective Compounds

black-bottomed, floor-to-floor

How the Grinch Stole Christmas!

NP Compounds

who-ville, who-pudding, who-roast-beast, who-christmas-sing, who-hash, grinch-feet

Adjective Compounds

hand-in-hand

Verb Compounds

a-snooze, a-bed

Hunches in Bunches

Adjective Compounds

murky-mooshy

*I'm Not Going to Get Up Today!*Adjective Compounds

woozy-snoozy

Verb Compounds

woozy-snoozing

*I Can Draw it Myself by Me, Myself*NP Compounds

top-knot, diddle-dee-dots, filla-ma-dills, doodle-dee-dots

*I Can Lick 30 Tigers Today! And Other Stories*NP Compounds

thinker-upper, frazzle-spade, chuck-a-luck

Verb Compounds

thunk-thunk-thunking

*I Had Trouble in Getting to Solla Sollew*Adjective Compounds

green-headed, one-wheeler, marshmallow-stuffed, bird-filled-up, key-slapping

NP Compounds

woo-wall

*I Wish I Had Duck Feet*Adjective Compounds

long-nose

NP Compounds

which-what-who

*If I Ran the Circus*Adjective Compounds

horn-toting, drum-tummied, wink-hooded, fluff-muffled

NP Compounds

drum-nummy'swink-hood, tent-of-all-tents, parade-of-parades, roust-about-joust

*If I Ran the Zoo*Adjective Compounds

four-footed, gol-dardest, out-of-the-way, squirrel-skin, scraggle-foot, south-east, north-eastern, redski, zooski

NP Compounds

sort-of-a-hen, zoo-keeper's, elephant-cat, what-do-you-know, bad-animal-catching-machine,

cooker-mobile, headski, zooski

Verb Compounds

keen-shooter, mean-shooter, bean-shooter

*The King's Stilts*NP Compounds

chief-in-charge-of-fish stilt-walking

Adjective Compounds

black-spotted

*The Lorax*NP Compounds

fine-something-that-all-people-need, radio-phone, super-axe-hacker, yap-yap

Adjective Compounds

old-nuisance

Verb Compounds

smogged-up

*Marvin K. Mooney, Will You Please Go Now!*NP Compounds

bumble-boat

*McElligott's Pool*Adjective Compounds

high-jumping, fast-moving, over-arm

NP Compounds

deep-divers

*Oh, Say Can You Say?*NP Compounds

quacker-backer soup-off-hoops

Adjective Compounds

fred-fed, blue-footed, true-footed, trick-fingered, slick-fingered, six-fingered, six-stringed,

souped-up, bird-flight, night-sight

Oh, The Places You'll Go!

Adjective Compounds

not-so-good

NP Compounds

bang-ups, mind-maker-upper

Prep Compounds

right-and-three-quarters

Verb Compounds

flip-flapping

Oh, the Thinks You Can Think!

NP Compounds

rink-rinker-fink

On Beyond Zebra!

NP Compounds

bird-of-a-bird-of-a-bird-of, sept-umber, step-sister, itch-a-pods, bunglefield, nipswich

Adjective Compounds

hum-dinger, three-seater, nose-patting

Prep Compounds

where-so-ever

Scrambled Eggs Super!

Adjective Compounds

ruffle-necked, beagle-beaked, bald-headed, shade-roosting, long-legger, three-eyelashed,

south-west-facing, moth-watching, fleet-footed

NP Compounds

lass-a-lack's, flannel-wing, sea-leopard's

The Sneetches and Other Stories

Adjective Compounds

star-belly, plain-belly, fix-it-up, north-going, south-going

Verb Compounds

star-off

NP Compounds

star-bellies, hot-shot

Thidwick: The Big-Hearted Moose

NP Compounds

moose-moss, moose-hair

Adjective Compounds

big-hearted, hard-hearted

Verb Compounds

bang-binging, bang-bouncing

Yertle the Turtle and Other Stories

Adjective Compounds

far-away, nine-turtle, droopy-droop

NP Compounds

girl-bird, pill-berry

You're Only Old Once!

Adjective Compounds

potassium-free, diet-devising, loganberry-colored, orange-tinted

NP Compounds

quiz-docs, sniff-scan

APPENDIX I

Minimal Pairs

(Neologisms underscored)

NEOLOGISM	IPA	ENGLISH MINIMAL PAIR	
<i>Bartholomew and the Oobleck</i>			
<u>fista</u> 8	[fɪstə]		
<u>wista</u> 8	[wɪstə]		
<u>mista-cuff</u> 8	[mɪstə]		
<i>The Cat in the Hat Songbook</i>			
<u>bumplings</u> 5	[bʌmplɪŋz]	dumplings	[dʌmplɪŋz]
<u>waggy</u> 9	[wægi]	shaggy	[ʃægi]
		baggy	[bægi]
<i>Did I Ever Tell You How Lucky You Are?</i>			
<u>wamel</u> 23	[wæməɪ]	camel	[kæməɪ]
<u>faddle</u> 23	[fædɪ]	saddle	[sædɪ]
<i>Dr. Seuss's Sleep Book</i>			
<u>tocker</u> 29	[tɒkəɪ]		
<u>ticker</u> 29	[tɪkəɪ]		
<i>Fox in Socks</i>			
<u>tocks</u> 14	[tɒks]	ticks	[tɪks]
<u>duddled</u> 59	[dudɪd]	fuddle	[fudɪ]
<u>wuddled</u> 59	[wudɪd]	muddled	[mudɪd]
<i>Happy Birthday to You!</i>			
<u>cawnt</u> 9	[kɒnt]		
<u>shawnt</u> 9	[ʃɒnt]		
<u>derring's</u> 41	[dɛrɪŋz]	herrings	[hɛrɪŋz]
<i>I Can Read with My Eyes Shut!</i>			
<u>hut-zut</u> 31	[hʌt]-[zʌt]	shut	[ʃʌt]
<i>I Can Draw it Myself by Me, Myself</i>			
<u>hamika-snamika-bamika-bunt</u> 18	[hæmɪkə] [bæmɪkə]		
<i>If I Ran the Circus</i>			
<u>fling-flang</u> 28	[flɪŋ] [flæŋ]		
<u>huffle</u> 31	[hʌfɪ]	shuffle	[ʃʌfɪ]
<i>Marvin K. Mooney, Will You Please Leave</i>			
<u>zike-bike</u> 8	[zaɪk]	bike	[baɪk]

NEOLOGISM	IPA	ENGLISH MINIMAL PAIR	
<i>Oh, Say Can You Say?</i>			
shin-pin 5	[ʃɪn]	dinn	[dɪn]
	[pɪn]		
bipper 14	[bɪpəɪ]		
jipper 14	[dʒɪpəɪ]		
hud 14	[hʌd]		
fud 14	[fʌd]		
lud 14	[lʌd]	dud	[dʌd]
<i>Oh, the Thinks You Can Think</i>			
beft 35	[beft]	left	[left]
vipp 32	[vɪp]	ship	[ʃɪp]
<i>The Pop Up Mice of Mr. Brice</i>			
bimmy 4	[bɪmi]	jimmy	[dʒɪmi]
<i>On Beyond Zebra</i>			
fuddle-dee-duddle 14	[fʌd]		
	[dʌd]		
muddle-dee-puddles 14	[mʌd]	puddle	[pʌdlɪz]
swumpf 13	[swʌmpf]		
swampf 13	[swʌmpf]		
nazzim 26	[næzɪm]		
bazzim 26	[bæzɪm]		
fun-th 35	[fʌnθ]		
tun-th 35	[tʌnθ]		
one-th 35	[wʌnθ]		
<i>One Fish, Two Fish, Red Fish, Blue Fish</i>			
wump 18	[wʌmp]		
gump 19	[gʌmp]		
<i>Scrambled Eggs Super!</i>			
ziffs 40	[zɪfs]		
zuffs 40	[zʌfs]		
<i>The Sneetches and Other Stories</i>			
præx 27	[præks]	tracks	[træks]
hoos-foos 41	[huz]		
	[fuz]		
<i>There's a Wocket in My Pocket!</i>			
tellar 22	[telər]	cellar	[selər]
nellar 22	[nelər]		
gellar 22	[gelər]		
dellar 22	[delər]		
bellar 22	[belər]		
weilar 22	[welər]		
zellar 22	[zelər]		

APPENDIX J

Miscellaneous Word Play

(Advanced vocabulary used as neologisms: lexical meaning change)

NEOLOGISM

The Bunter Battle Book
pell-mell 30

Daisy-Head Maysie
ting 45

Did I Ever Tell You How Lucky You Are?
Jivvanese 30

Dr. Seuss's ABC
nixie 54

Dr. Seuss's Sleep Book
keck 1

Happy Birthday to You!
funicular 14

Horton Hears a Who!
hullabaloo 50
shirker 54
twerp 54

How the Grinch Stole Christmas!
giddap 16

If I Ran the Circus
dingus 53

If I Ran the Zoo
mazurka 34

Maybe You Should Fly a Jet! Maybe You Should be a Vet!
lepidopterist 29

Oh, Say Can You Say?
hooley 1

On Beyond Zebra!
quandry 22

Scrambled Eggs Super!
frizzled9
pelf 26

Thidwick: The Big-Hearted Moose
sluice 29

Yertle the Turtle and Other Stories
smellers 57

APPENDIX K

Neologisms
(Complete listing)

- The 500 Hats of Bartholomew Cubbins* 20 neologisms
cubbins 1, didd 1, derwin 2, flupp 17, alaric 19, snipps 20, screebees 22, nadd 23, g-r-r-zibb 29, g-r-r-zapp 29, g-r-r-zopp 29, malber 31, balber 31, tidder 31, tudd 31, winkibus 31, tinkibus 31, fotichee 31, klay 31, gleap 31.
- And to Think that I Saw it on Mulberry Street* 0 neologisms
- Bartholomew and the Oobleck* 10 neologisms
didd 1, cubbins 1, derwin 5, fista 8, wista 8, mista-cuff 8, oobleck 10, neeka-tave 11, glugg 24, gloing 25.
- Because a Little Bug Went Ka-choo* 1 neologism
ka-choo 2.
- The Butter Battle Book* 44 neologisms
yooks 4, zooks 4, zook-watching 6, prickely 9, snick-berry 9, vanitch 11, slingshotted 11, yookeroo 12, broken-off 12, figger 13, triple-sling 13, jigger-rock 17, snatchem 17, gupp 17, whizz-zinger 19, kick-a-poo 20, poo-a-doo 20, gun-toting 20, dried-fried 20, worsted 22, eight-nozzled 22, elephant-toted 22, boom-blitz 22, witz 22, bested 24, boom-bah 24, diddle-dee-dill 24, butter-up 24, right-side-up 25, butter-down 27, blue-goer 31, miz 33, yookie-ann 33, moo-lacka-moo 34, sala-ma-goo 34, bitsy 34, big-boy 34, boomeroo 34, top-est 35, secret-est 35, yookery 37, lopulous 40, bopulous 40, klupp-klupp 41, klupped 41.
- The Cat in the Hat* 0 neologisms
- The Cat in the Hat Comes Back!* 1 neologism
voom 57.
- The Cat in the Hat Dictionary* 0 neologisms
- The Cat in the Hat Songbook* 27 neologisms
wuzzled 4, poobers 4, goose-moose 4, goolash 4, mushmush 5, wham 5, stroodles 5, wush 5, bumplings 5, flum 6, waggy 9, plinker 16, zum 18, zummer 18, boop 19, booper 19, 'ort' 25, hoo-to 33, foo-to 33, boo-to 33, dobbie 35, bicklebaum 39, spingel 42, spungel 42, sporn 42, futzenfell 43, thieves 52, woosh 53.
- The Cat's Quizzer: Are You Smarter than the Cat in the Hat?* 5 neologisms
ziggy 1, zossfozzel 1, zizzy 1, flash-darks 21, what-is-it 25.
- Come Over to My House* 0 neologisms
- Daisy-Head Mayzie* 3 neologisms
sneetcher 5, daisy-head 7, mayzie 7.
- Did I Ever Tell You How Lucky You Are?* 56 neologisms
drize 3, duckie 5, muchly 5, much-much 5, bunglebung 6, boober 6, bum 6, ga-zayt 8, zayt 8, ga-zair 10, throm-dim-bu-lator 13, gick 13, goor 13, skru 13, snux 13, snoor 13, piffulous 15, dooklas 15, grooz 17, bix 18, borfin 18, shlump 18, un-shlump 18, shlumps 18, schlottz 20, crumple-horn 20, wamel 23, faddle 23, wamel-faddle 23, t-crosser 24, i-dotter 24, hawtch-hawtch 26, bee-watcher 26, mawtch 26, hawtch-hawtcher 27, bee-watcher-watcher 27, hawtchers 29, watch-watcher-watcher 29, watch-watcher-watching-watch 29, hawtch-watcher 29, de breeze 30, poogles 33, poo-boken 33, poogles 33, haddow 35, gizz 35, ba-zoo 36, muchly 36, more-more-more 36, glad-ish 41, falckenberg's 41, gucky 43, ronk 43, krock 44, punkerish 47.
- Dr. Seuss's ABC* 14 neologisms
doo 12, duck-dog 12, fiffer-feffer-feff 16, kerchoo 27, lopp 28, quincy 40, quacker-oo 40, tuttle-tuttle 46, ubb 48, vinn 50, wiggins 53, knox 54, yorgenson 57, zizzer-zizzer-zuzz 63.
- Dr. Seuss's Sleep Book* 41 neologisms
van vleek 1, every-which-where 5, biffer-baum 6, night-brushing 8, tooth-brushing 8, herk-heimer 8, krupp 10, draw-er 10, stilt-walkers' 12, stilt-walker 12, mercedd 14, hinkle-horn 14, frink 17, who's-asleep-score 17, audio-telly-o-tally-o-count 18, biggel-ball 18, plup 18, sleep-talkers 20, redd-zoff 20, a-la-hoop 22, hooping 23, hoop-soup-snoop 23, mupp 26, kro 28, tocker 29, ticker 29, snortiest 32, snorer 32, mcphail 32, snore-a-snort band 32, foona-lagoon 34, baboon 34, jedd 37, dofft 38, oft 38, bumble-tub 42, bumble-tubs 42, va-vode 44, zizzer-zoof 44, zizzer-zoofing 45, foodle 48.

<i>The Eye Book</i>	0 neologisms
<i>The Foot Book</i>	0 neologisms
<i>The Idioms of Iceland at a Glance</i> " from <i>Dr. Seuss & Mr. Geisel</i> glnbakk 69, mnpf 69, ewth 69, hoooh 69	4 neologisms
<i>Fox in Socks</i> knox 1, tock 14, gluey 31, goo-goose 32, bim 36, blibber 44, freezy 47, tweetle-beetle 49, duddled 59, wuddled 59.	10 neologisms
<i>Great Day for Up!</i> dill-ma-dills 15.	1 neologism
<i>Green Eggs and Ham</i>	0 neologisms
<i>Happy Birthday to You!</i> katroo 1, honk-honker 1, zom 1, honk-honk 2, flap-flap 2, asso-see-eye-ation 3, hi-sign-and-shake 6, cawnt 9, shawnt 9, munch-er-oo 9, toppest 13, who-bubs 17, cloppers 17, snop 17, snoppers 17, nop 17, hippo-heimers 18, mustard-off 23, warm-water 23, disn't 25, east-est 26, west-est 26, best-est 26, all-er 30, all-est 30, time-telling 32, getz 32, git 32, gits 32, day-of-the-best-of-the-best 35, night-of-all-nights-of-all-nights 35, kloppers 35, pal-alace 35, sweeping-up-afterwards-brooms 37, zimmers 38, zum 38, zimming 38, derring's 41, snookers 43, dutter 43, you-er 43, bird-back 46, hiffer-back 46.	43 neologisms
<i>Hooray for Diffendoofer Day!</i> different-er 42, zinzendorf 44, zoofendorf 44, diffendoof 49, ziffendoof 49, vacu-bike 50, finkel 52, winkel 52.	8 neologisms
<i>Hop on Pop</i> seehemewe 64, patpuppup 64, hethreetreebee 64, tophopstop 64.	4 neologisms
<i>Horton Hatches the Egg</i> mayzie 1, horton 2, toodle-oo 4, ooooh 34, elephant-bird 51.	5 neologisms
<i>Horton Hears a Who!</i> nool 1, horton 1, humped 10, speck-voice 18, who-ville 21, black-bottomed 24, vlad 24, vlad-i-koff 24, beezele-nut 38, whooped 49, oom-pahs 49, boom-pahs 49, bipping 52, floor-to-floor 52, jo-jo 54, yopp 57, fall-ish 60.	18 neologisms
<i>How the Grinch Stole Christmas!</i> who-ville 1, grinch 3, grinchy 4, who-pudding 8, who-roast-beast 8, hand-in-hand 10, who-christmas-sing 11, a-snooze 17, chimbley 23, who-hash 25, a-bed 37, crumpit 38, grinch-ish-ly 38, grinch-feet 44.	15 neologisms
<i>Hunches in Bunches</i> ga-fluppted 14, murky-mooshy 14, wonter 14, donter 14, gee-hossa-flat 19, schlupp 22, hunchy 29, barg-ued 37.	8 neologisms
<i>I'm Not Going to Get Up Today!</i> brnnng (2), woozy-snoozy 13, zizz-zizz 13, zazz 13, zuzz 13, woozy-snoozing 21, doo 23.	7 neologisms
<i>I Can Draw it Myself by Me, Myself</i> sneggs 2, top-knot 2, quirkles 4, diddle-dee-dots 4, zidd 5, zidds 5, dee 6, doo 6, squiggilies 6, hoo-fish 7, gish 7, stine 8, toeses 9, mcgrew 10, chantz 12, filla-ma-dills 16, yill-iga-yakk 17, hamika-snamika-bamika-bunt 18.	18 neologisms
<i>I Can Lick 30 Tigers Today! and Other Stories</i> <u>King Looie Katz</u> looie 17, katz 17, katzen-stein 18, fooie 20, kooie 23, chooie 25, hooie 26, blooie 26, prooie 26, zooie 28, katzen-bein 28, blooie's 33, hooie's 33, chooie's 33, kooie's 33, looie's 33, demo-catic 34.	36 neologisms
<i>The Glunk that Got Thunk</i> glunk 37, thinker-upper 38, un-thinker 40, un-thinks 40, snorty 42, thunk-thunk-thunking 42, blunk 44, thunked 44, klunker-klunk 44, un-thunk 46, tele-foam 47, texa-kota-cut 48, glunker 49, frazzle-spade 49, spuggle 49, chuck-a-luck 50, glunking 50, schnutz-berry 52, schnutz 52.	
<i>I Can Read with My Eyes Shut!</i> foo-foo 21, snoo 21, hut-zut 31.	3 neologisms
<i>I Can Write, a Book by Me, Myself</i>	0 neologisms

I Had Trouble in Getting to Solla Sollew

25 neologisms

vung 1, green-headed 6, quilligan 6, skritz 10, skrink 10, one-wheeler 12, wubble 12, solta 12, sollew 12, wah-hoo 12, wubbed 14, wubble-some 14, gleeks 20, jicker 25, flepped 26, marshmallow-stuffed 28, flubbulous 30, poozer 35, pompelmoose 35, poozers 39, bird-filled-up 45, slindex 45, key-slapping 53, slippard 53, boola 54, woo-wall 54.

I Wish that I Had Duck Feet

3 neologisms

kerchoo 40, long-nose 44, which-what-who 52.

If I Ran the Circus

68 neologisms

sneelock's 1, mcgurk 1, mcgurkus 4, hom-tooting 11, jom 11, olf 13, myself 13, frumm 14, drum-tummied 14, snumm 14, drum-tummy's 14, foon 16, walloo 18, lassoo 18, wink-hood 20, wink-hooded 20, brigger-ba-root 23, shouldsters 27, tent-of-all-tents 27, parade-of-parades 27, fling-flang 28, organ-mcorgan-mcgurkus 28, bummbeling 28, super-stoo-pendus 28, stoo-mendus 28, stoo-roarus 28, fluff-muffled 31, huffle 31, lurch 31, fibbel 31, harp-cwanging 31, snarp 31, three-snarper-harp 31, bloops 31, three-nozzled 31, bloozer 31, nolster 31, floops 31, one-nozzled 31, noozer 31, to-an-fro 33, fros 33, tos 33, enomance 34, slippingly 34, stickle-bush 34, roller-skate-skis 34, spotted atrocious 36, trapeezing 39, zoom-a zoop 39, ben-deezing 39, zoop 39, ei 40, eyses 40, life-risking-track 43, colliding-collusions 43, abrasion-contusions 43, brute-strength 45, champ-of-all-champs 45, grizzly-ghastly 45, fastly 45, through-horns-jumping-deer 46, spout-rider 48, bopps 50, jaws 50, jeers 50, roust-about-joust 50, ruckus-ing 53, soobrian 53.

If I Ran the Zoo

62 neologisms

mcgrew 1, un-usual 4, four-footed 6, goi-darndest 6, sort-of-a-hen 8, zoo-keeper's 10, elephant-cat 10, out-of-the-way 12, skeeple-mobile 12, what-do-you-know 12, zomba-ma-tant 14, flustard 14, motta-fa-potta-fa-pell 17, joats 18, squirrel-skin 18, lunks 21, scraggle-foot 26, zind 26, south-east 28, north-eastern 28, bad-animal-catching-machine 30, thwerl 21, snerl 32, chuggs 33, keen-shooter 33, mean-shooter 33, bean-shooter 33, yerka 34, tizzle-topped 34, gootch 38, nantasket 38, kartoom 40, natch 40, cooker-mobile 40, tobsk 42, nobsk 42, obsk 42, thing-a-ma-bobsk 42, corn-on-the-cobsk 42, mobsk 42, jobsk 42, palooski 44, headski 44, redski 44, blueski 44, zooski 44, mcgrewski 44, ka-troo 46, it-kutch 46, preep 46, proo 46, nerkle 47, hippo-no-hungus 49, bippo-no-bungus 49, dippo-no-dungus 49, nippo-no-nungus 49, nungus 49, dungus 49, bips 49, fizza-ma-wizza-ma-dill 50, gwark 50, mcgrewses 50.

In a People House

0 neologisms

The King's Stilts

10 neologisms

birtram 1, binn 2, droon 2, nizzards 5, chief-in-charge-of-fish 10, nizzardly 10, black-spotted 12, stilt-walking 16, droonish 26, g-r-ritch 32.

The Lorax

40 neologisms

grickle-grass 1, lorax 1, once-ler 3, lerkim 4, miff-muffered 4, moof 4, snuvv 9, gruvvulous 9, whisper-ma-phone 9, slupp 10, slupps 10, once-ler's 10, snergelly 10, swomee-swans 12, truffula 12, bar-ba-loots 14, rippulous 15, humming-fish 15, thneed 18, ga-zump 20, fine-something-that-all-people-need 24, radio-phone 29, nitch 29, sitch 29, thneeds 30, super-axe-hacker 33, crummies 35, biggered 39, biggering 39, old-nuisance 40, snarggled 40, crufulous 40, smogulous 40, smogged-up 43, gluppity-glupp 44, schloppity-schlopp 44, glumping 47, yap-yap 49, figgering 49, smoke-smuggered 52.

Marvin K. Mooney, Will You Please Go Now!

5 neologisms

zike-bike 8, crunk-car 13, zumble-zay 17, bumble-boat 19, ga-zoom 20.

Maybe You Should Fly a Jet! Maybe You Should be a Vet!

5 neologisms

tromboner 14, perker 18, hiver 25, vester 36, foice 38.

McElligot's Pool

8 neologisms

umbroso 8, sneeden's 9, high-jumping 18, friskers 18, fast-moving 36, over-arm 36, deep-divers 44, glurk 44, thing-a-ma-jigger 48.

Mr. Brown Can Moo! Can you?

3 neologisms

klopp 5, dopp 8, splatt 13

My Book About Me, by Me, Myself

0 neologisms

My Many Colored Days

0 neologisms

Oh, Say Can You Say?

42 neologisms

looeey 1, finney's 2, finney 2, dinn 4, dinn's 4, pinner 5, blinn 5, shin-pin 5, grox 10, groxes 10, zipp's 13, fuddnuddler 14, bipper 14, jipper 14, hud 14, dinwoodie 14, dinty 14, fud 14, slinky 14, stinkey 14, lud 14, quack-quacks 16, quacker 16, quacker-backer 16, schnacks 17, briggs 20, fred-fed 22, klotz 25, glotz 25, flapped-jack 26, blue-footed 29, true-footed 29, trick-fingered 29, slick-fingered 29, six-fingered 29, six-stringed 29, skrope 30, souped-up 31, soup-off-hoops 31, bird-flight 35, night-sight 35, blispsers 36, bliskers 36.

Oh, the Places You'll Go!

16 neologisms

not-so-good 4, footsy 8, bang-ups 17, prickly-ly 17, un-slumping 19, right-and-three-quarters 21, mind-maker-upper 21, break-necking 23, weirdish 23, flapped-jack 26, flip-flapping 29, winning-est 31, some times 33, hakken-kraks 36, bauxbaum 44, bixby 44.

Oh, the Things You Can Think!**12 neologisms**

schlopp 7, snuvs 8, krauss 11, bloogs 12, na-nupp 14, da-dake 16, zong 21, rink-rinker-fink 22, jibboo 25, vipper 32, vipp 32, beft 35.

On Beyond Zebra!**45 neologisms**

o'dell 1, yuzz-a-ma-tuzz 6, wumbus 9, umbus 10, swampf 13, swumpf 13, humpf 13, humpf-humpf-a- dumper 13, fuddle-dee-duddle 14, bird-of-a-bird-of-a-bird-of 14, fuddle-dee-duddle's 14, muddle-dee-puddles 14, glikker 16, septumber 16, nutches 18, nitches 18, sneedle 20, mos-keedle 20, hum-dinger 20, thnadners 25, gee-whiz 25, spazzim 26, nazzim 26, bazzim 26, popping-corn 26, floob-boober-bab-boober-bubs 28, zatz-it 31, three-seater 31, nose-patting 31, jogg-oons 33, step-sister 33, flunnel 35, o'grunth 35, fun-th 35, tun-th 35, one-th 35, itch-a-pods 37, where-so-ever 37, yekko 38, gekko 38, yekkos 38, gargel-orum 42, nubb 42, bunglefield 42, yupster 42, nipswich 42.

One Fish, Two Fish, Red Fish, Blue Fish**10 neologisms**

wump 18, gump 19, zans 37, gox 38, ying 40, yink 42, yop 44, ish 56, gack 58, zeep 62.

The Pop-up Mice of Mr. Brice**4 neologisms**

himmy 2, quackenbush 3, yipper 3, brice-mice 16

Scrambled Eggs Super!**47 neologisms**

hooper 1, ruffle-necked 4, sala-ma-goox 4, sala-ma-goox's 5, tizzle-topped 7, mop-noodled 10, beagle-beaked-bald-headed 10, grinch 10, shade-roosting 10, lass-a-lack's 10, flannel-wing 10, super-dee-dooper-dee-booper 12, twiddler 15, kweet 16, beezlenut 16, stroodel 18, gooeey 18, kwigger 21, long-legger 23, kwong 23, fa-zoal 24, kattia-ma-side 24, sea-leopard's 24, grice 24, squitsch 24, pelf 26, single-file 29, zummzian 29, zuks 29, zumms 29, zummz 29, strookoo 30, klammering 32, three-eyelashed 34, ham-ikka-schnim-ikka-schnam-ikka 34, schnopp 34, south-west-facing 36, grickily 38, gractus 38, ziffs 40, zuffs 40, moth-watching 42, sneth 42, dawf 44, zinzibar-zanzibar 44, jill-ikka-jast 44, fleet-footed 44.

The Seven Lady Godivas**9 neologisms**

fluffy-duff 2, gawp 16, tip-hoof 30, bru na boinn 36, cuin selinn 36, brenig lag 36, thwil-on-thyne 36, thought-lanes 54, nink.

The Shape of Me and Other Stuff**1 neologism**

blogg 23.

The Sneetches and Other Stories**44 neologisms**

star-belly 1, sneetches 1, plain-belly 1, thars 1, mcmonkey 7, mcbean 7, fix-it-up 7, chappie 7, sneetch 8, klonked 9, bonked 9, berked 9, star-off 17, star-bellies 21.

The Zax

prax 27, north-going 27, zax 27, south-going 27, un-budged 35.

Too Many Daves

mccave 37, mccaves' 41, bodkin 41, hoos-foos 41, snimm 41, hot-shot 41, blinke 41, stinke 41, o'gravel 41, ziggy 41, buffalo buff 41, sneeey 41, zutt 41, boliver 41, butt 41, buck-buck 41, mcfate 41.

What was I Scared of?

grin-itch 48, doubt-trout 50, roover 50, bricel 52, bricels 52, snide 54, snide-field 54.

Ten Apples Up on Top!**0 neologisms*****There's a Wocket in My Pocket!*****33 neologisms**

wocket front cover, findow cover pg., gase, cover pg., wasket 1, nureau 2, woset 3, jertain 4, zlock 5, zelf 6, nink 8, zamp 9, yot 10, yottle 11, zable 12, ghair 12, bofa 13, nupboards 14, nooth 15, grush 15, vug 16, quimney 18, zall 19, yeps 20, tellar 22, nellar 22, gellar 22, dellar 22, bellar 22, wellar 22, zellar 22, geeling 24, zower 25, zillow 26.

Thidwick: The Big-Hearted Moose**14 neologisms**

winna-bango 1, moose-moss 1, thidwick 2, bingle 2, big-hearted 3, tree-spider 4, zinn-a-zu 6, moose-hair 7, thidwick's 8, skat 17, freezy 19, bang-binging 26, bang-bouncing 29, hard-hearted 29.

The Tooth Book**2 neologisms**

queek 18, klucks 19.

Wacky Wednesday**0 neologisms*****Yertle the Turtle and Other Stories*****14 neologisms**

far-away 1, sala-ma-sond 1, yertle 1, nine-turtle 5.

Gertrude McFuzz

girl-bird 30, mcfuzz 30, droopy-droop 30, lolla-lee-lou 31, dake 32, pill-berry 33, zang 38, ninety pound 40.

The Big Brag

whuffed 59, snaff 59.

You're Only Old Once!

26 neologisms

fott-fa-zee 3, potassium-free 3, tutt-a-tutt 3, optoglymics 5, dermoglymics 5, finicky-finick 8, winick 8, quiz-docs 8, questionnairing 8, norval 14, nooronetics 14, whelden 24, stethed 27, smoot 27, wuff-whiffer 32, diet-devising 32, sniff-scan 32, spreckles 35, nextly 35, ginns 35, mcgrew 35, blinn 35, ballew 35, timpkins 35, loganberry-colored 36, oranged-tinted 36.

