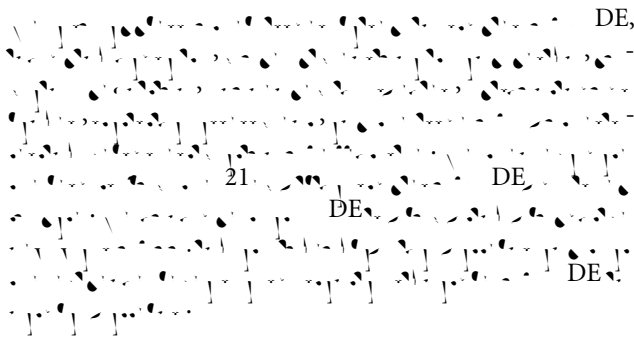


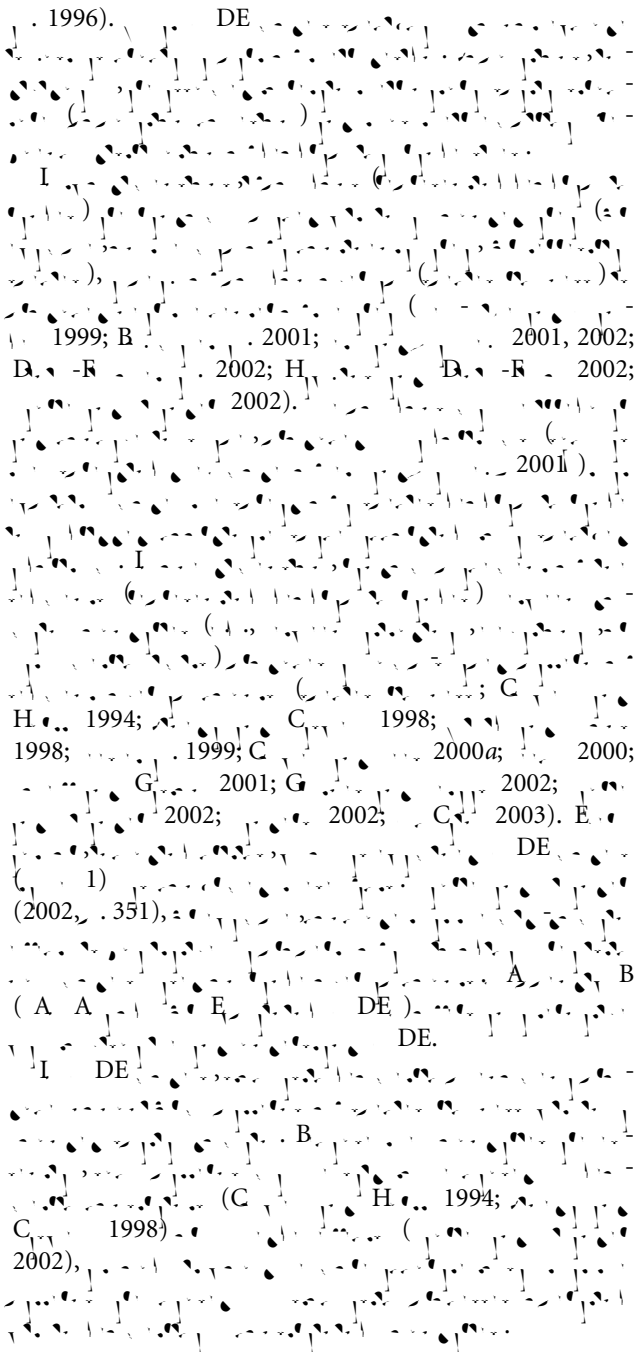
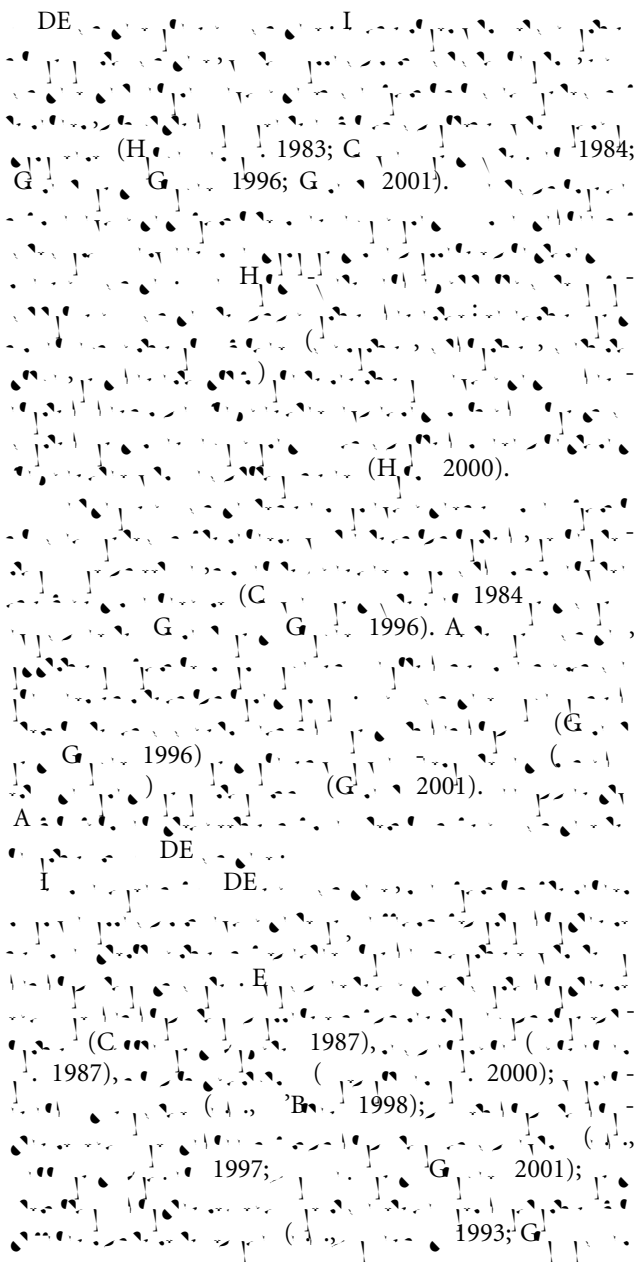
vol. 163, no. 3 the american naturalist march 2004

E-Article

The Mid-Domain Effect and Species Richness Patterns: What Have We Learned So Far?



**What Are Mid-Domain Effect Models,
and What Do They Show?**



Population Processes versus Biogeographic Patterns

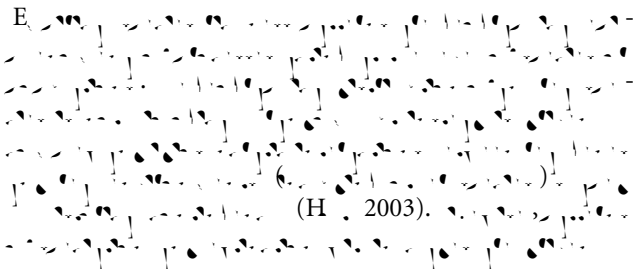


Table 1: $E_{2002} - D_{2001}$ vs $E_{2001} - D_{2000}$

	E_{2002}	D_{2001}	E_{2001}	D_{2000}	$E_{2002} - D_{2001}$	$E_{2001} - D_{2000}$
$E_{2002} - D_{2001}$						
$E_{2001} - D_{2000}$						
$E_{2002} - D_{2001} > E_{2001} - D_{2000}$					78%	
$E_{2002} - D_{2001} < E_{2001} - D_{2000}$					66%	
$E_{2002} - D_{2001} = E_{2001} - D_{2000}$					51%	
$E_{2002} - D_{2001} > 0$					46%	
$E_{2002} - D_{2001} < 0$					96%	

C₄ (2004)

1997

2002

C₄ 1998

C

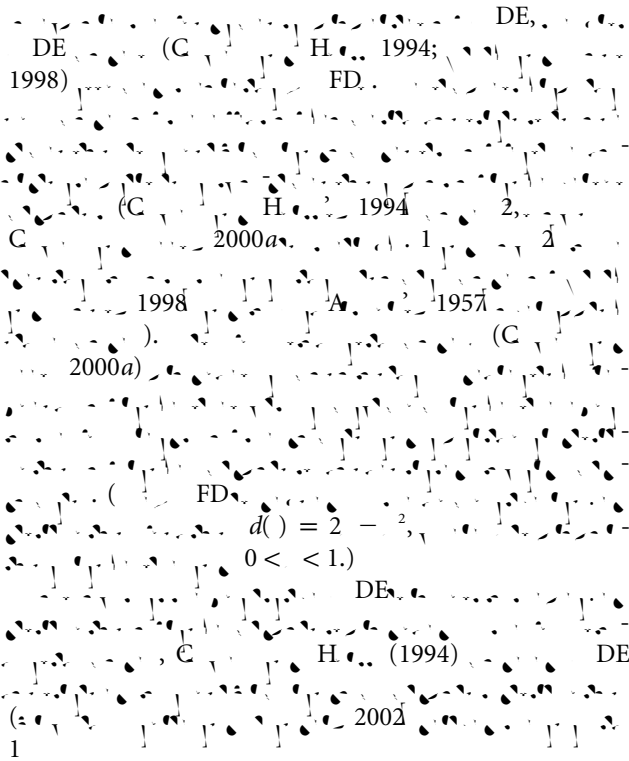
A

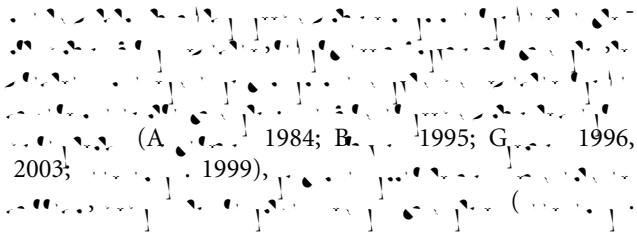
C

A

A	E	18%
B	E	49%
B	E	7%
	E	14%
	E	32%
	E	76%
	E	50%
	E	45%
B	E	
A	E	13%
A	E	91%
A	E	37%
G	D	

Theoretical Range Size Frequency Distribution





(A. 1984; B. 1995; G. 1996, 2003; . 1999),

(

The image shows a snippet of musical notation on a staff. The notation includes various note values, stems, and beams. Overlaid on the staff is a list of names and years: (A. 1984; B. 1995; G. 1996, 2003; . 1999), followed by an opening parenthesis (on the next line. The text is partially obscured by the musical notes.

A musical score for a piece titled "The American National". The score is written on a grand staff with treble and bass clefs. It includes several annotations and labels: "A" appears at the beginning and in the middle; "DE" is written above the staff in two places; "95%" is written below the staff; "G 2002; C 2003" is written below the staff; "E H B-F (2002)" is written below the staff; and "A E A B C" are written below the staff at the end of the piece. The music consists of a series of notes and rests, with some dynamic markings and phrasing slurs.

Se ing Domain Limi

A musical score for a piece titled "Se ing Domain Limi". The score is written on a grand staff with treble and bass clefs. It includes the label "DE" written above the staff and "I" written below the staff. The music consists of a series of notes and rests, with some dynamic markings and phrasing slurs.

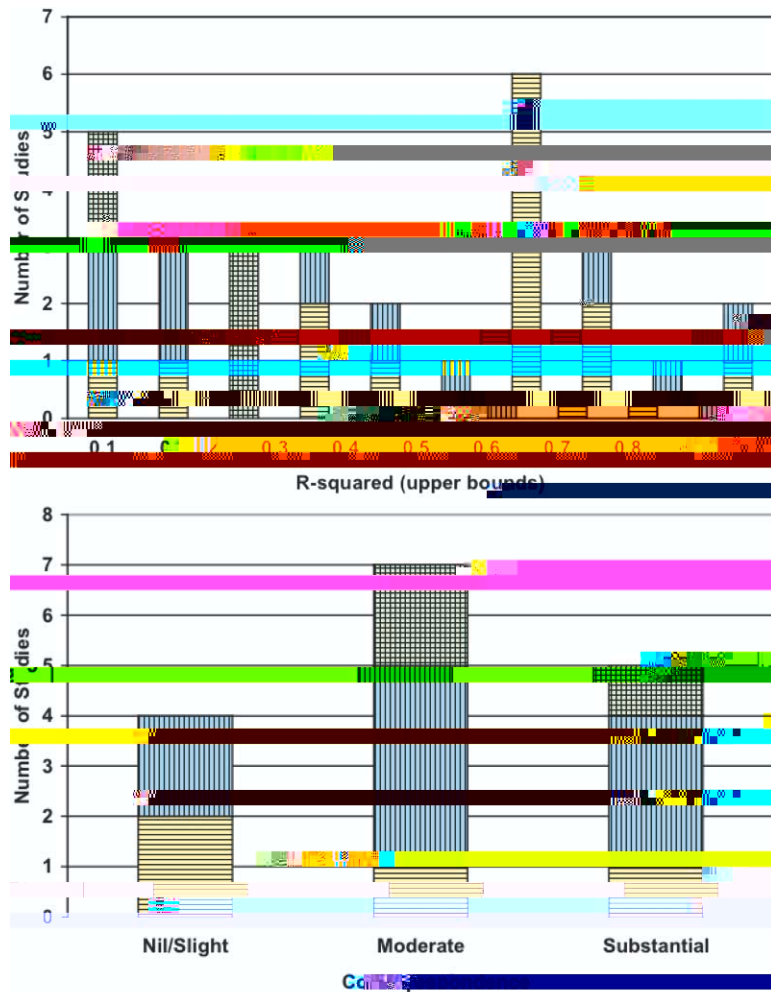
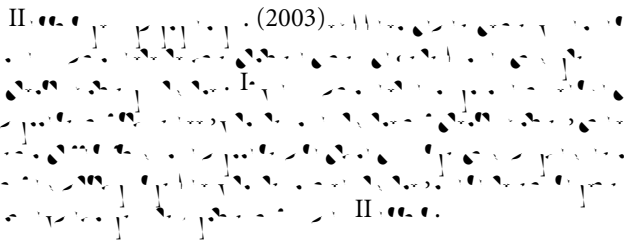


Figure 1: A. (DE) Ho i on al ha ching, ello backg o nd. DE. se ical ha ching, bl e backg o nd. c o -ha ching, g een backg o nd. (I) E

1. (2003)
 I. (2002).
 DE
 DE
 DE. (2002; C. 2003).
 DE
 B. -R 2002; (H. 2003)
 I. A ? E
 DE.
 A. DE
 DE (2002) A.
 DE (1999)
 A. C. 2003)
 C. 1998; 1999; H. B. -R 2002; 2002; G. 2002)
 DE
 DE (1999) (2002)
 A.
 DE), DE
 H. 1994; 1997; C. 1998; 1998).

Dimensionali

16. ((... 2)-455((2002350((...)10(350((...)10(358(...)10 15((200 15(630(...) ...)-270(...)-34-32.
 (20-25(...)-)05 /F...) 34 . 9()

2002) ()
 DE. H DE
 FD,
 DE.
 C.

M l i a i a e A p p o a c h e

F. 1 (- 21)
 DE,
) 13
 DE.
 13
 1999
 2002 A 2001
 A C 2003 A
 C 2004 A
 DE
 A ()
 DE
 1995; 1997; 1997). E
 5° B
 ()
 2001
 (C C
 1980; G C 2001). (1997)
 C (2004)
 C
 (2003)
 C I
 1980 C C

1. The first part of the text discusses the importance of the mid-domain effect in understanding the distribution of species. It highlights that the mid-domain effect is a common pattern where species richness is highest in the middle of a geographic range. This is often attributed to the fact that species ranges are more likely to overlap in the center of the domain.

(G. 1982).
 (E. 1946). B.
 (G. C. 2001).
 I.
 H.
 DE
 DE

Each Use of the Model in the Poetical Properties.

D. (1982) G.
 H.
 1996) (G. G.
 I.
 (1987).
 DE (C. H.
 1994; 1998)
 H.
 DE
 C. (2002)
 FD
 FD.

In the Electoral Relevance of the Model That Challenge Widely Accepted Conventional Wisdom.

A.
 (1989).
 1960 1970.

(G. 1999).
 I.
 1992).
 DE
 (I) DE

The Federal Constitution?

DE 1980.
 DE
 H.
 DE
 F.
 (C. 2000; 2001; G.
 E. 2002) DE
 6* (6*)10(-320(-)-46, *)-464 (-)-2906

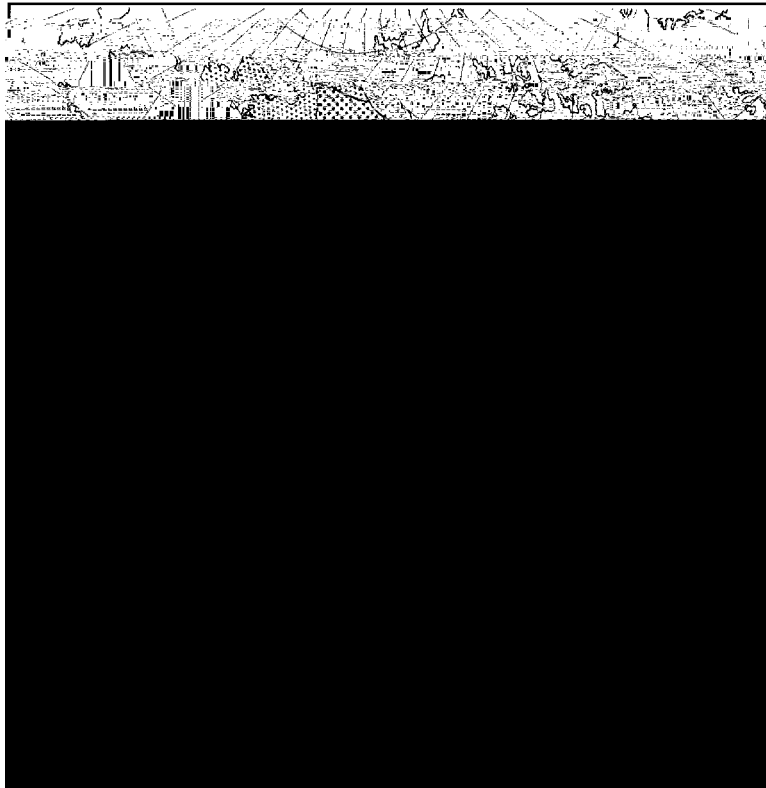


Figure C1:



Figure C2:

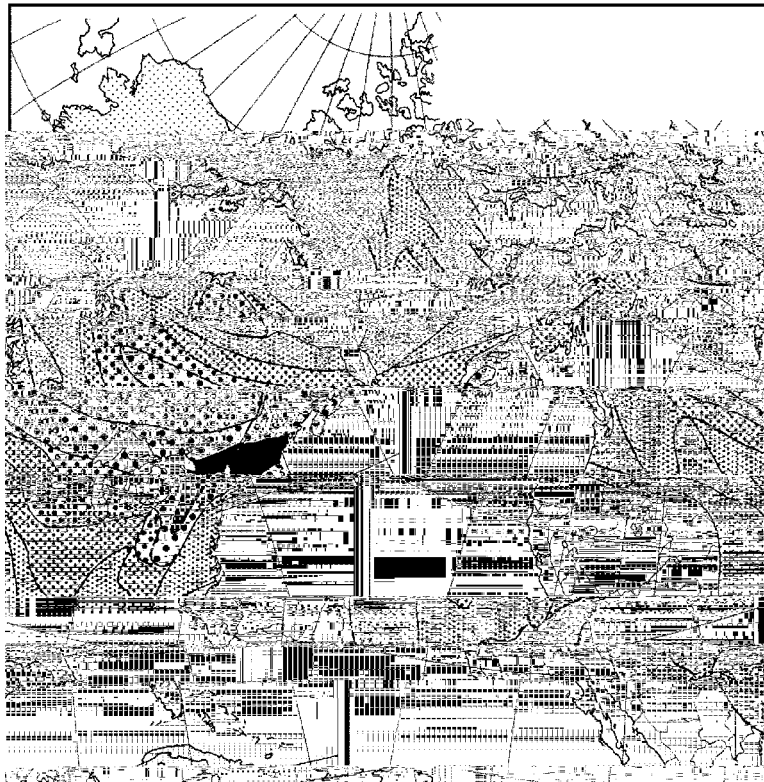
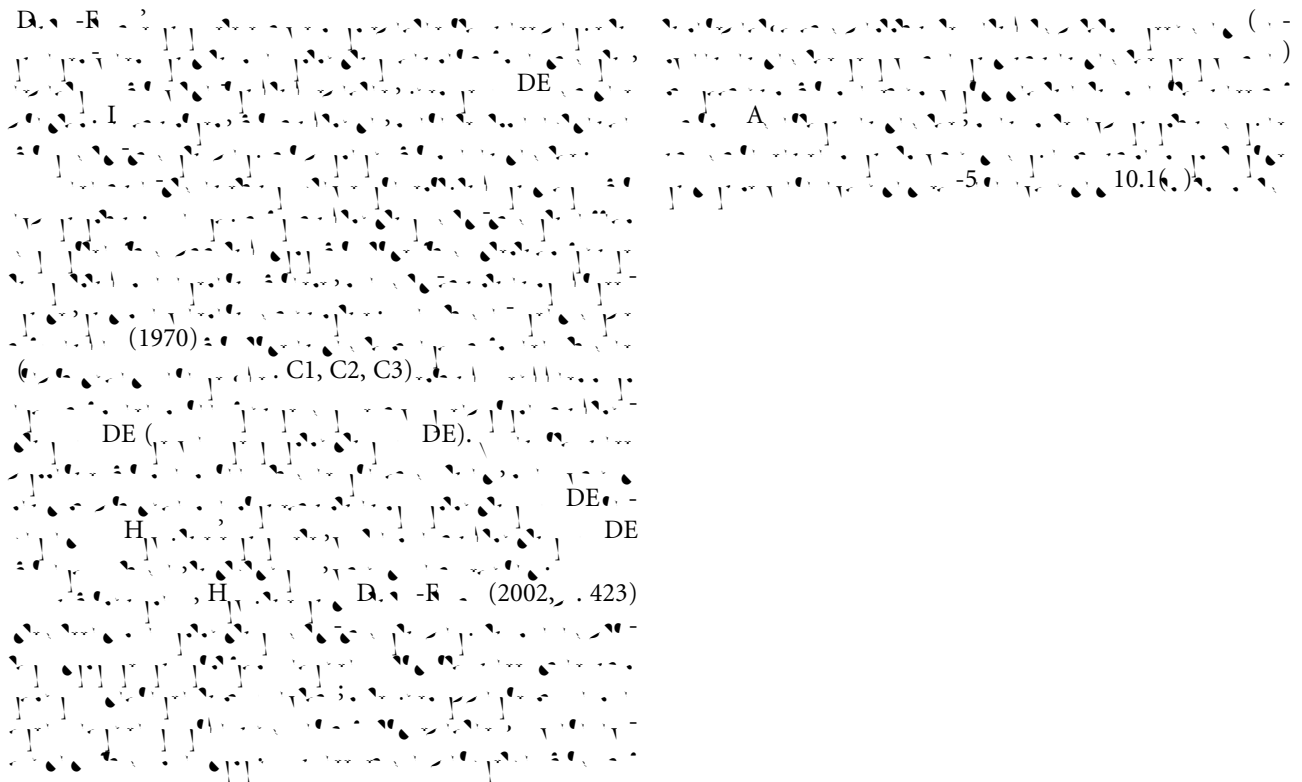
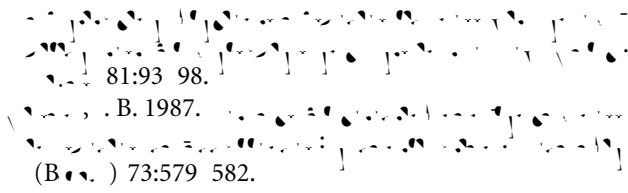


Figure C3: [Illegible text] (1970)

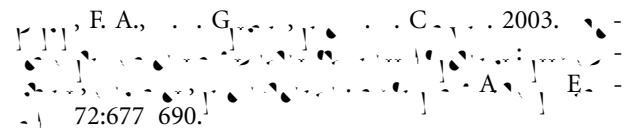


379-391. E. . . . 4:
G. . . . G. . . . E. . . . 2002. E. . . .
7.0. A. . . . I -
-B. . . . // /
G. . . . G. . . . G. . . . 1996. . . .
I. . . . , D.C.
G. . . . , E. . . . , A. G. . . . , E. . . .
E. A. . . . , A. D. B. . . . ,
1996. . . .

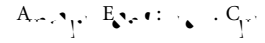
in D. C. G. C. F. A.
2003. 421:933 936.
1999.



81:93-98.
B. 1987.
(B.) 73:579-582.



F. A., . . . G. . . . C. . . . 2003.
A. E.
72:677-690.



A. E. C.