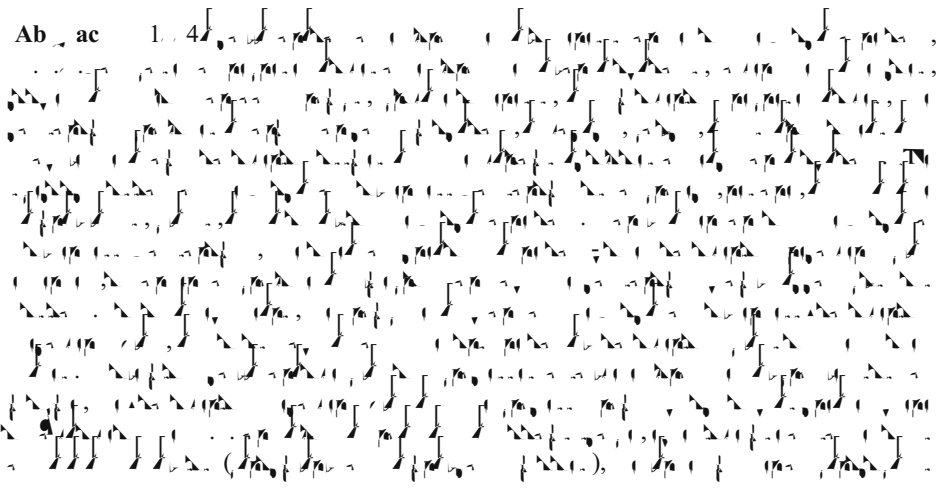

P a f b ad-ba ed e e a ec :
A bac a e C ca W de e
Biodiversity Recovery Plan

Rebecca C ee Re aff

© 2000

Ab ac 1. 4



0001(a) 314 3 4

I n d e x

1. 2003 1. 2003 (2003) 200

1. 4

20030

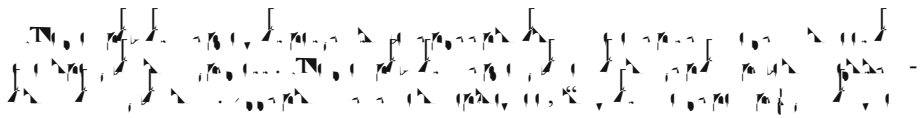
The image displays a complex musical score with multiple staves. The notation includes various note values, rests, and clefs. Overlaid on the score is a grid of blue numerical data points, which appear to be coordinates or values associated with specific points in the musical notation. The numbers are arranged in a somewhat regular pattern across the page, with some values appearing in parentheses.

Visible numerical data points include:

- 1.4
- 1.
- 2000.
- 2000),
- 200),
- 2004),
- 2004).
- 1.5
- 2001
- 2002
- 2003
- 200),
- 2005).
- 2003).
- 200)
- 2.0, (4)-15
- 3
- 0.0)
- 3.5(-3.5, .1)
- 2,
- (-13, 0.5, .1)
- 0.5
- 2
- .3(-1.

T e C _ca _de e

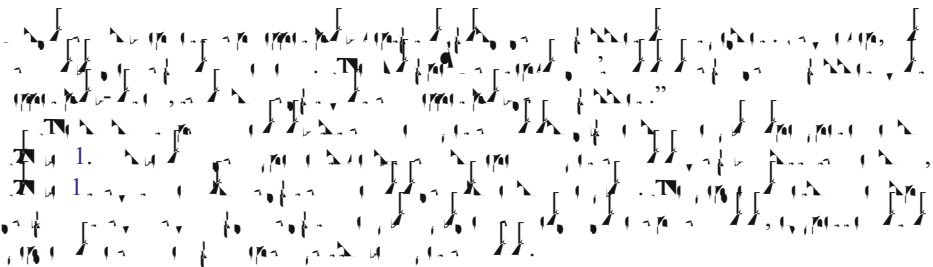
A musical score consisting of multiple staves of music. The score includes several annotations and numbers: "200" appears twice, "2001" appears twice, and "1,000" appears once. There are also some symbols that look like "TN" and "X" scattered throughout the notation. The music is written in a standard staff format with notes, rests, and stems.



Handwritten musical notation on a single staff, featuring a complex sequence of notes, rests, and bar lines. The notation is dense and appears to be a single melodic line.

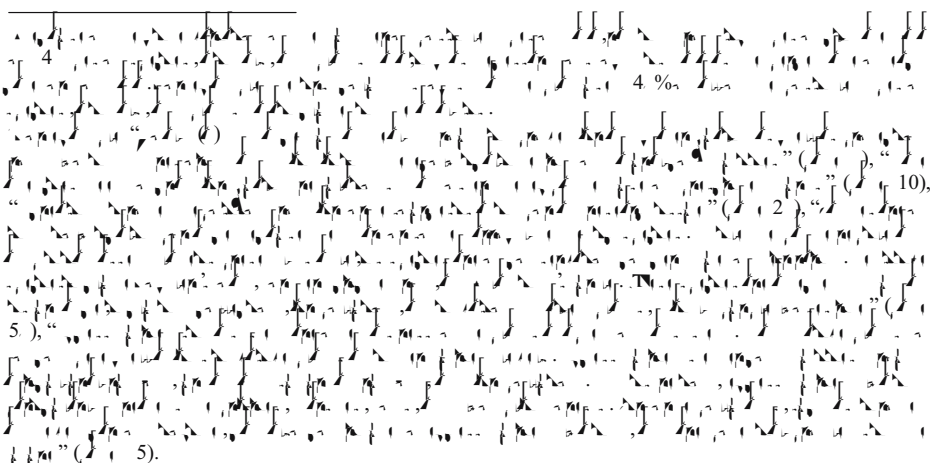
Handwritten musical notation on a single staff, continuing the sequence from the first block. It includes various note values and rests, with some notes beamed together.

Handwritten musical notation on a single staff, concluding the sequence on this page. The notation is consistent with the previous blocks, showing a continuation of the musical piece.



Clearly, not all of the 249 types of data contained in the analysis were relevant in the Chicago region; however, the list contained many basic types of data, such as human population, soil characteristics, location of existing parks, and current land use, which are normally considered background information in any plan (see similar discussion in Korfmacher and Koontz 2003). When viewed as a general guideline for the focus of information in the plan, the data do reveal some interesting findings. For example, the plan did not include any of the air quality data contained in the analysis. However, the Chicago metropolitan area is not in attainment with U.S. Federal Clean Air Act National Ambient Air Quality Standards. Further, the plan lists several areas in which air quality impacts biodiversity.⁹ Some of the interviewees noted a lack of hydrologists and water experts on the planning committee, and that lack of a stand-alone section on water issues was a point of contention throughout the planning process. The data reveals that some basic types of water data (not connected to natural communities) were not included in the plan. Conversely, the interviewees noted that experts in terrestrial biology and natural communities had a strong presence throughout the planning process; and geology, general environmental and ecosystem data—all mainly terrestrial-based information—rank among the types of data with the highest rates of use. Finally, some of the interviewees noted a lack of a human dimension in the plan and a lack of general citizen participation throughout the planning process. The data above reveal that land use, demographic, and other types of social data ranked near the bottom of the list of commonly used types of data.

This however, is not meant to be construed as criticism of the Biodiversity Recovery Plan. The plan was intended to focus on natural communities—and this data shows that it did exactly what it was intended to do. As the earlier discussion points out, the term biodiversity is a very broad issue, and planners can focus on any number of issues, such as



1. 3)

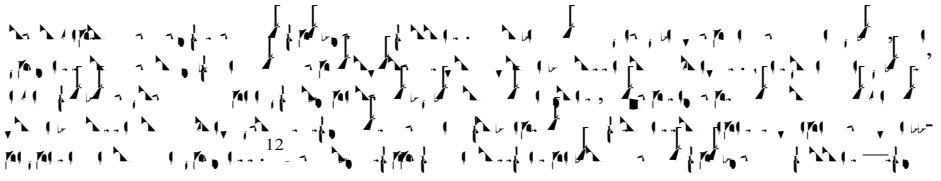
D. c.

10

1. 5. 1)

(1) (2) (3) (4) (5)

2001 2004 2001



30

1 1.0 1.4 2002 2001 2002 2

15

15 1.5 110 1 133 3 1.3

200 2005

Table 2. \log_2 fold change of gene expression in the Δ *glnA* mutant relative to the wild type.

Gene	log ₂ fold change	log ₂ fold change	log ₂ fold change	log ₂ fold change
<i>glnA</i>	-1.5	-1.5	-1.5	-1.5
<i>glnB</i>	1.2	1.2	1.2	1.2
<i>glnC</i>	1.1	1.1	1.1	1.1
<i>glnD</i>	1.0	1.0	1.0	1.0
<i>glnE</i>	0.9	0.9	0.9	0.9
<i>glnF</i>	0.8	0.8	0.8	0.8
<i>glnG</i>	0.7	0.7	0.7	0.7
<i>glnH</i>	0.6	0.6	0.6	0.6
<i>glnI</i>	0.5	0.5	0.5	0.5
<i>glnJ</i>	0.4	0.4	0.4	0.4
<i>glnK</i>	0.3	0.3	0.3	0.3
<i>glnL</i>	0.2	0.2	0.2	0.2
<i>glnM</i>	0.1	0.1	0.1	0.1
<i>glnN</i>	0.0	0.0	0.0	0.0
<i>glnO</i>	-0.1	-0.1	-0.1	-0.1
<i>glnP</i>	-0.2	-0.2	-0.2	-0.2
<i>glnQ</i>	-0.3	-0.3	-0.3	-0.3
<i>glnR</i>	-0.4	-0.4	-0.4	-0.4
<i>glnS</i>	-0.5	-0.5	-0.5	-0.5
<i>glnT</i>	-0.6	-0.6	-0.6	-0.6
<i>glnU</i>	-0.7	-0.7	-0.7	-0.7
<i>glnV</i>	-0.8	-0.8	-0.8	-0.8
<i>glnW</i>	-0.9	-0.9	-0.9	-0.9
<i>glnX</i>	-1.0	-1.0	-1.0	-1.0
<i>glnY</i>	-1.1	-1.1	-1.1	-1.1
<i>glnZ</i>	-1.2	-1.2	-1.2	-1.2
<i>glnAA</i>	-1.3	-1.3	-1.3	-1.3
<i>glnAB</i>	-1.4	-1.4	-1.4	-1.4
<i>glnAC</i>	-1.5	-1.5	-1.5	-1.5
<i>glnAD</i>	-1.6	-1.6	-1.6	-1.6
<i>glnAE</i>	-1.7	-1.7	-1.7	-1.7
<i>glnAF</i>	-1.8	-1.8	-1.8	-1.8
<i>glnAG</i>	-1.9	-1.9	-1.9	-1.9
<i>glnAH</i>	-2.0	-2.0	-2.0	-2.0
<i>glnAI</i>	-2.1	-2.1	-2.1	-2.1
<i>glnAJ</i>	-2.2	-2.2	-2.2	-2.2
<i>glnAK</i>	-2.3	-2.3	-2.3	-2.3
<i>glnAL</i>	-2.4	-2.4	-2.4	-2.4
<i>glnAM</i>	-2.5	-2.5	-2.5	-2.5
<i>glnAN</i>	-2.6	-2.6	-2.6	-2.6
<i>glnAO</i>	-2.7	-2.7	-2.7	-2.7
<i>glnAP</i>	-2.8	-2.8	-2.8	-2.8
<i>glnAQ</i>	-2.9	-2.9	-2.9	-2.9
<i>glnAR</i>	-3.0	-3.0	-3.0	-3.0
<i>glnAS</i>	-3.1	-3.1	-3.1	-3.1
<i>glnAT</i>	-3.2	-3.2	-3.2	-3.2
<i>glnAU</i>	-3.3	-3.3	-3.3	-3.3
<i>glnAV</i>	-3.4	-3.4	-3.4	-3.4
<i>glnAW</i>	-3.5	-3.5	-3.5	-3.5
<i>glnAX</i>	-3.6	-3.6	-3.6	-3.6
<i>glnAY</i>	-3.7	-3.7	-3.7	-3.7
<i>glnAZ</i>	-3.8	-3.8	-3.8	-3.8
<i>glnBA</i>	-3.9	-3.9	-3.9	-3.9
<i>glnBB</i>	-4.0	-4.0	-4.0	-4.0
<i>glnBC</i>	-4.1	-4.1	-4.1	-4.1
<i>glnBD</i>	-4.2	-4.2	-4.2	-4.2
<i>glnBE</i>	-4.3	-4.3	-4.3	-4.3
<i>glnBF</i>	-4.4	-4.4	-4.4	-4.4
<i>glnBG</i>	-4.5	-4.5	-4.5	-4.5
<i>glnBH</i>	-4.6	-4.6	-4.6	-4.6
<i>glnBI</i>	-4.7	-4.7	-4.7	-4.7
<i>glnBJ</i>	-4.8	-4.8	-4.8	-4.8
<i>glnBK</i>	-4.9	-4.9	-4.9	-4.9
<i>glnBL</i>	-5.0	-5.0	-5.0	-5.0
<i>glnBM</i>	-5.1	-5.1	-5.1	-5.1
<i>glnBN</i>	-5.2	-5.2	-5.2	-5.2
<i>glnBO</i>	-5.3	-5.3	-5.3	-5.3
<i>glnBP</i>	-5.4	-5.4	-5.4	-5.4
<i>glnBQ</i>	-5.5	-5.5	-5.5	-5.5
<i>glnBR</i>	-5.6	-5.6	-5.6	-5.6
<i>glnBS</i>	-5.7	-5.7	-5.7	-5.7
<i>glnBT</i>	-5.8	-5.8	-5.8	-5.8
<i>glnBU</i>	-5.9	-5.9	-5.9	-5.9
<i>glnBV</i>	-6.0	-6.0	-6.0	-6.0
<i>glnBW</i>	-6.1	-6.1	-6.1	-6.1
<i>glnBX</i>	-6.2	-6.2	-6.2	-6.2
<i>glnBY</i>	-6.3	-6.3	-6.3	-6.3
<i>glnBZ</i>	-6.4	-6.4	-6.4	-6.4
<i>glnCA</i>	-6.5	-6.5	-6.5	-6.5
<i>glnCB</i>	-6.6	-6.6	-6.6	-6.6
<i>glnCC</i>	-6.7	-6.7	-6.7	-6.7
<i>glnCD</i>	-6.8	-6.8	-6.8	-6.8
<i>glnCE</i>	-6.9	-6.9	-6.9	-6.9
<i>glnCF</i>	-7.0	-7.0	-7.0	-7.0
<i>glnCG</i>	-7.1	-7.1	-7.1	-7.1
<i>glnCH</i>	-7.2	-7.2	-7.2	-7.2
<i>glnCI</i>	-7.3	-7.3	-7.3	-7.3
<i>glnCJ</i>	-7.4	-7.4	-7.4	-7.4
<i>glnCK</i>	-7.5	-7.5	-7.5	-7.5
<i>glnCL</i>	-7.6	-7.6	-7.6	-7.6
<i>glnCM</i>	-7.7	-7.7	-7.7	-7.7
<i>glnCN</i>	-7.8	-7.8	-7.8	-7.8
<i>glnCO</i>	-7.9	-7.9	-7.9	-7.9
<i>glnCP</i>	-8.0	-8.0	-8.0	-8.0
<i>glnCQ</i>	-8.1	-8.1	-8.1	-8.1
<i>glnCR</i>	-8.2	-8.2	-8.2	-8.2
<i>glnCS</i>	-8.3	-8.3	-8.3	-8.3
<i>glnCT</i>	-8.4	-8.4	-8.4	-8.4
<i>glnCU</i>	-8.5	-8.5	-8.5	-8.5
<i>glnCV</i>	-8.6	-8.6	-8.6	-8.6
<i>glnCW</i>	-8.7	-8.7	-8.7	-8.7
<i>glnCX</i>	-8.8	-8.8	-8.8	-8.8
<i>glnCY</i>	-8.9	-8.9	-8.9	-8.9
<i>glnCZ</i>	-9.0	-9.0	-9.0	-9.0
<i>glnDA</i>	-9.1	-9.1	-9.1	-9.1
<i>glnDB</i>	-9.2	-9.2	-9.2	-9.2
<i>glnDC</i>	-9.3	-9.3	-9.3	-9.3
<i>glnDD</i>	-9.4	-9.4	-9.4	-9.4
<i>glnDE</i>	-9.5	-9.5	-9.5	-9.5
<i>glnDF</i>	-9.6	-9.6	-9.6	-9.6
<i>glnDG</i>	-9.7	-9.7	-9.7	-9.7
<i>glnDH</i>	-9.8	-9.8	-9.8	-9.8
<i>glnDI</i>	-9.9	-9.9	-9.9	-9.9
<i>glnDJ</i>	-10.0	-10.0	-10.0	-10.0
<i>glnDK</i>	-10.1	-10.1	-10.1	-10.1
<i>glnDL</i>	-10.2	-10.2	-10.2	-10.2
<i>glnDM</i>	-10.3	-10.3	-10.3	-10.3
<i>glnDN</i>	-10.4	-10.4	-10.4	-10.4
<i>glnDO</i>	-10.5	-10.5	-10.5	-10.5
<i>glnDP</i>	-10.6	-10.6	-10.6	-10.6
<i>glnDQ</i>	-10.7	-10.7	-10.7	-10.7
<i>glnDR</i>	-10.8	-10.8	-10.8	-10.8
<i>glnDS</i>	-10.9	-10.9	-10.9	-10.9
<i>glnDT</i>	-11.0	-11.0	-11.0	-11.0
<i>glnDU</i>	-11.1	-11.1	-11.1	-11.1
<i>glnDV</i>	-11.2	-11.2	-11.2	-11.2
<i>glnDW</i>	-11.3	-11.3	-11.3	-11.3
<i>glnDX</i>	-11.4	-11.4	-11.4	-11.4
<i>glnDY</i>	-11.5	-11.5	-11.5	-11.5
<i>glnDZ</i>	-11.6	-11.6	-11.6	-11.6
<i>glnEA</i>	-11.7	-11.7	-11.7	-11.7
<i>glnEB</i>	-11.8	-11.8	-11.8	-11.8
<i>glnEC</i>	-11.9	-11.9	-11.9	-11.9
<i>glnED</i>	-12.0	-12.0	-12.0	-12.0
<i>glnEE</i>	-12.1	-12.1	-12.1	-12.1
<i>glnEF</i>	-12.2	-12.2	-12.2	-12.2
<i>glnEG</i>	-12.3	-12.3	-12.3	-12.3
<i>glnEH</i>	-12.4	-12.4	-12.4	-12.4
<i>glnEI</i>	-12.5	-12.5	-12.5	-12.5
<i>glnEJ</i>	-12.6	-12.6	-12.6	-12.6
<i>glnEK</i>	-12.7	-12.7	-12.7	-12.7
<i>glnEL</i>	-12.8	-12.8	-12.8	-12.8
<i>glnEM</i>	-12.9	-12.9	-12.9	-12.9
<i>glnEN</i>	-13.0	-13.0	-13.0	-13.0
<i>glnEO</i>	-13.1	-13.1	-13.1	-13.1
<i>glnEP</i>	-13.2	-13.2	-13.2	-13.2
<i>glnEQ</i>	-13.3	-13.3	-13.3	-13.3
<i>glnER</i>	-13.4	-13.4	-13.4	-13.4
<i>glnES</i>	-13.5	-13.5	-13.5	-13.5
<i>glnET</i>	-13.6	-13.6	-13.6	-13.6
<i>glnEU</i>	-13.7	-13.7	-13.7	-13.7
<i>glnEV</i>	-13.8	-13.8	-13.8	-13.8
<i>glnEW</i>	-13.9	-13.9	-13.9	-13.9
<i>glnEX</i>	-14.0	-14.0	-14.0	-14.0
<i>glnEY</i>	-14.1	-14.1	-14.1	-14.1
<i>glnEZ</i>	-14.2	-14.2	-14.2	-14.2
<i>glnFA</i>	-14.3	-14.3	-14.3	-14.3
<i>glnFB</i>	-14.4	-14.4	-14.4	-14.4
<i>glnFC</i>	-14.5	-14.5	-14.5	-14.5
<i>glnFD</i>	-14.6	-14.6	-14.6	-14.6
<i>glnFE</i>	-14.7	-14.7	-14.7	-14.7
<i>glnFF</i>	-14.8	-14.8	-14.8	-14.8
<i>glnFG</i>	-14.9	-14.9	-14.9	-14.9
<i>glnFH</i>	-15.0	-15.0	-15.0	-15.0
<i>glnFI</i>	-15.1	-15.1	-15.1	-15.1
<i>glnFJ</i>	-15.2	-15.2	-15.2	-15.2
<i>glnFK</i>	-15.3	-15.3	-15.3	-15.3
<i>glnFL</i>	-15.4	-15.4	-15.4	-15.4
<i>glnFM</i>	-15.5	-15.5	-15.5	-15.5
<i>glnFN</i>	-15.6	-15.6	-15.6	-15.6
<i>glnFO</i>	-15.7	-15.7	-15.7	-15.7
<i>glnFP</i>	-15.8	-15.8	-15.8	-15.8
<i>glnFQ</i>	-15.9	-15.9	-15.9	-15.9
<i>glnFR</i>	-16.0	-16.0	-16.0	-16.0
<i>glnFS</i>	-16.1	-16.1	-16.1	-16.1
<i>glnFT</i>	-16.2	-16.2	-16.2	-16.2
<i>glnFU</i>	-16.3	-16.3	-16.3	-16.3
<i>glnFV</i>	-16.4	-16.4	-16.4	-16.4
<i>glnFW</i>	-16.5	-16.5	-16.5	-16.5
<i>glnFX</i>	-16.6	-16.6	-16.6	-16.6
<i>glnFY</i>	-16.7	-16.7	-16.7	-16.7
<i>glnFZ</i>	-16.8	-16.8	-16.8	-16.8
<i>glnGA</i>	-16.9	-16.9	-16.9	-16.9
<i>glnGB</i>	-17.0	-17.0	-17.0	-17.0
<i>glnGC</i>	-17.1	-17.1	-17.1	-17.1
<i>glnGD</i>	-17.2	-17.2	-17.2	-17.2
<i>glnGE</i>	-17.3	-17.3	-17.3	-17.3
<i>glnGF</i>	-17.4	-17.4	-17.4	-17.4
<i>glnGG</i>	-17.5	-17.5	-17.5	-17.5
<i>glnGH</i>	-17.6	-17.6	-17.6	-17.6
<i>glnGI</i>	-17.7	-17.7	-17.7	-17.7
<i>glnGJ</i>	-17.8	-17.8	-17.8	-17.8
<i>glnGK</i>	-17.9	-17.9	-17.9	-17.9
<i>glnGL</i>	-18.0	-18.0	-18.0	-18.0
<i>glnGM</i>	-18.1	-18.1	-18.1	-18.1
<i>glnGN</i>	-18.2	-18.2	-18.2	-18.2
<i>glnGO</i>	-18.3	-18.3	-18.3	-18.3
<i>glnGP</i>	-18.4	-18.4	-18.4	-18.4
<i>glnGQ</i>	-18.5	-18.5	-18.5	-18.5
<i>glnGR</i>	-18.6	-18.6	-18.6	-18.6
<i>glnGS</i>	-18.7	-18.7	-18.7	-18.7
<i>glnGT</i>	-18.8	-18.8	-18.8	-18.8
<i>glnGU</i>	-18.9	-18.9	-18.9	-18.9
<i>glnGV</i>	-19.0	-19.0	-19.0	-19.0
<i>glnGW</i>	-19.1	-19.1	-19.1	-19.1
<i>glnGX</i>	-19.2	-19.2	-19.2	-19.2
<i>glnGY</i>	-19.3	-19.3	-19.3	-19.3
<i>glnGZ</i>	-19.4	-19.4	-19.4	-19.4
<i>glnHA</i>	-19.5	-19.5	-19.5	-19.5
<i>glnHB</i>	-19.6	-19.6	-19.6	-19.6
<i>glnHC</i>				

- (1) [U.S. Fish and Wildlife Service \(2005\)](#), [Biodiversity Recovery Plan](#), 10–15.
- (2) [U.S. Fish and Wildlife Service \(2005\)](#), [Biodiversity Recovery Plan](#), 10–15.

C c 7

The image displays a complex musical score consisting of numerous staves of music. The notation is dense, featuring a variety of note values, rests, and other musical symbols. The word "biodiversity" is printed in a standard serif font across the middle of the page, overlapping several of the musical staves. The overall appearance is that of a highly detailed and intricate musical composition.

Referențe

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(1.) 5,412-423
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(2005) 33 45 4
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(2001) 12 3 -3 5
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Handwritten text, possibly a list or notes, starting with "(1.)".