



# Yolk carotenoids and stable isotopes reveal links among environment, foraging behavior and seabird breeding success

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## Abstract

Abstract text describing the study's findings on yolk carotenoids and stable isotopes in seabirds, including species names like *Ptychoramphus aleuticus* and *Cerorhinca monocerata*.

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## Keywords

Keywords text describing the study's findings on yolk carotenoids and stable isotopes in seabirds.

## Introduction

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Neocalanus  
crystatus Thysanoessa spinifera II

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Cololabis saira Clupea harengus II

( ? ) Sebastes ( ? )

( ? ) Ammodytes hexapterus

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Handwritten musical notation on a page. It features several staves with notes, rests, and markings. The notation includes various note values, stems, and beams. There are also some markings that look like "1" and "II" interspersed among the notes. The handwriting is somewhat dense and appears to be a personal or working manuscript.

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Handwritten musical notation on a page, similar to the first block. It includes notes, rests, and markings. There are some markings that look like "II" and "1" interspersed among the notes. The handwriting is somewhat dense and appears to be a personal or working manuscript.

1.  $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$

2.  $\frac{1}{2} \times \frac{2}{3} = \frac{1}{3}$

3.  $\frac{1}{2} \times \frac{3}{3} = \frac{1}{2}$

4.  $\frac{1}{2} \times \frac{4}{3} = \frac{2}{3}$

5.  $\frac{1}{2} \times \frac{5}{3} = \frac{5}{6}$

6.  $\frac{1}{2} \times \frac{6}{3} = 1$

7.  $\frac{1}{2} \times \frac{7}{3} = \frac{7}{6}$

8.  $\frac{1}{2} \times \frac{8}{3} = \frac{4}{3}$

9.  $\frac{1}{2} \times \frac{9}{3} = \frac{3}{2}$

10.  $\frac{1}{2} \times \frac{10}{3} = \frac{5}{3}$

11.  $\frac{1}{2} \times \frac{11}{3} = \frac{11}{6}$

12.  $\frac{1}{2} \times \frac{12}{3} = 2$





Musical score for *N. cristatus*. The score consists of multiple staves, likely representing different instruments or voices. It includes various musical notations such as notes, rests, and dynamic markings. The text "N. cristatus" is visible in the middle of the page.

Continuation of the musical score for *N. cristatus*. It shows the same notation as the previous page, including notes, rests, and dynamic markings.



## References

1. [https://www.1000000.com/](#)

Handwritten musical notation consisting of six staves. The notation includes various symbols such as clefs, notes, rests, and dynamic markings. The first staff begins with a treble clef and a key signature of one flat. The notation is dense and appears to be a complex piece of music, possibly a study or a short composition. The handwriting is somewhat stylized and the ink is dark on a light background.