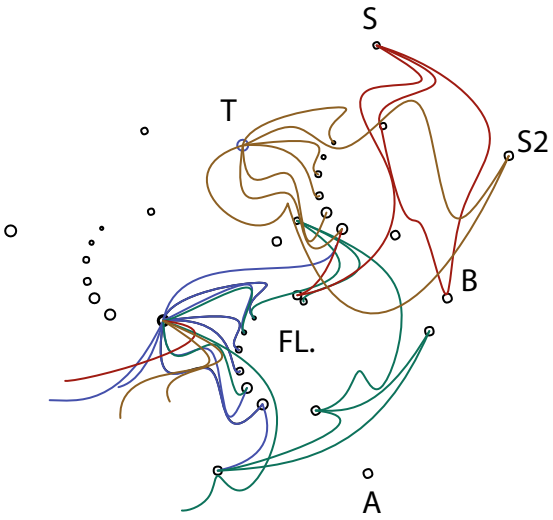
Tamara Friebel, 2015
For Voices without Borders,
Sylvie Lacroix, Flute
& Neue Vocalsolisten

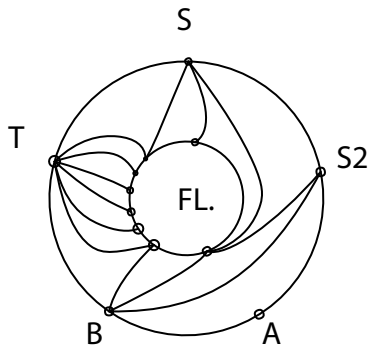
**Attractive Privacies of Breathing Borders,**
**in one solitary universe.**

Part 1: Graphical 3d- Score to be improvised:
Parts designated - in each constellation: A, B, C, D.
Duration: 3-4' (c. 1 minute per constellation.)

Part 2: Score to be performed
Duration: 6'24

Technique: Each voice - Soprano, Soprano 2, Alto, Tenor, Baritone is related in different ways to each other. The singers stand in the following configuration, with the Flute in the centre as below:



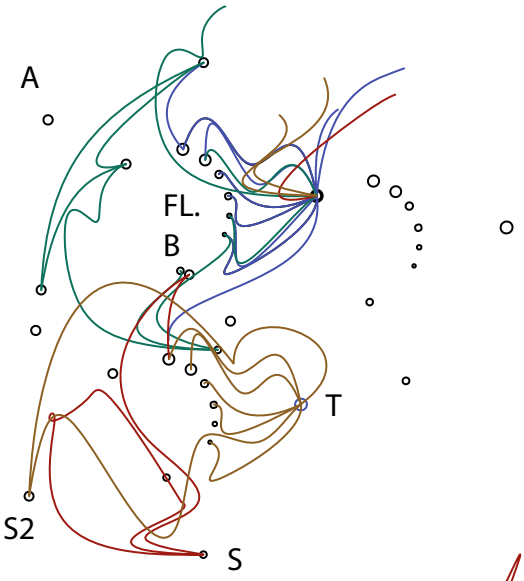




A

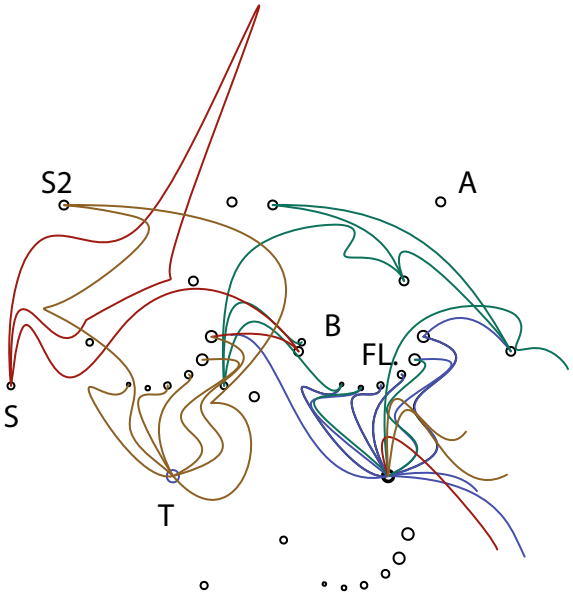
**Quiddity sequences - Optimal Non-convergence**
This piece is drawn from current research in Quiddity Sequences of Algebraic Clusters in Mathematics, with Karin Baur, Graz University.

An optimal model for a quiddity sequence, drawn from Frieze patterns, with respect to their relation to cluster algebra is explored. A frieze pattern which grows and shrinks is understood to represent a finite pattern. The study focuses on exploring growth which varies between arithmetic and exponential sequences, with infinite pattern growths in rubber geometry typologies.
By focusing on the limitations imposed by patterns formed when working with triangulations (where each unit has a maximum of 3 vertices), where the model has no superfluous points, a constrained environment is used to find compositional architectures where non-convergerence of form is optimised.

For more information see
Thecollaborativemind.com

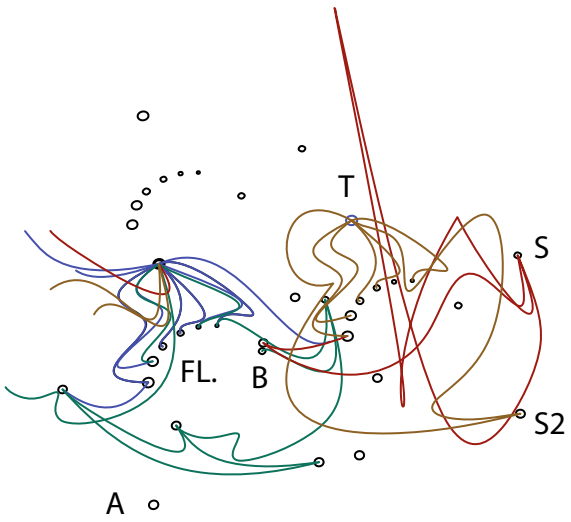



B




C

D



Score

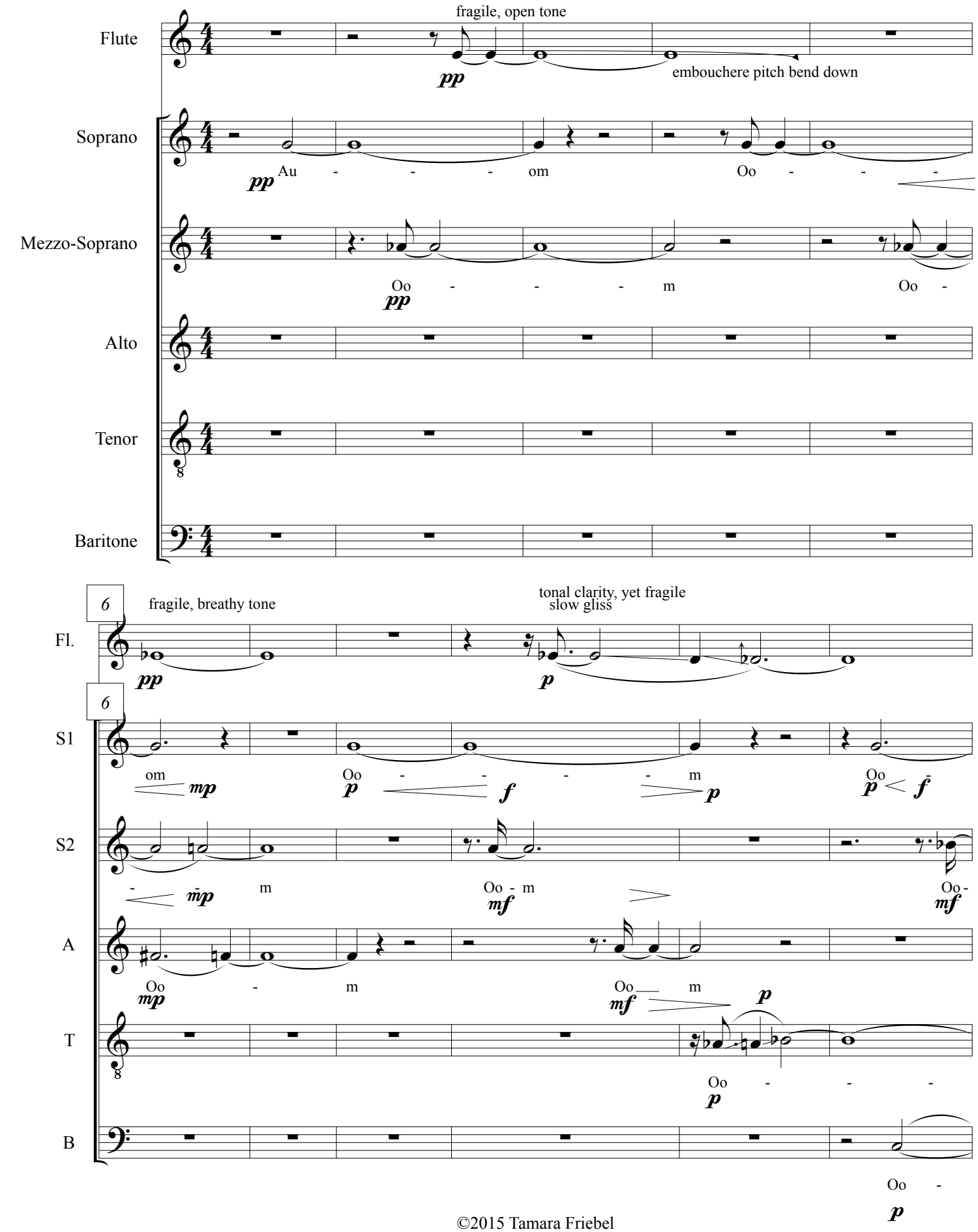
# Attractive Privacies of Breathing Borders

*in one solitary universe*

Tamara Friebel

**A slow, steady inner pulse** ♩ = 60

**A piece for midday, before lunch; just after the chimes. [Vienna, June 19, 2015]**

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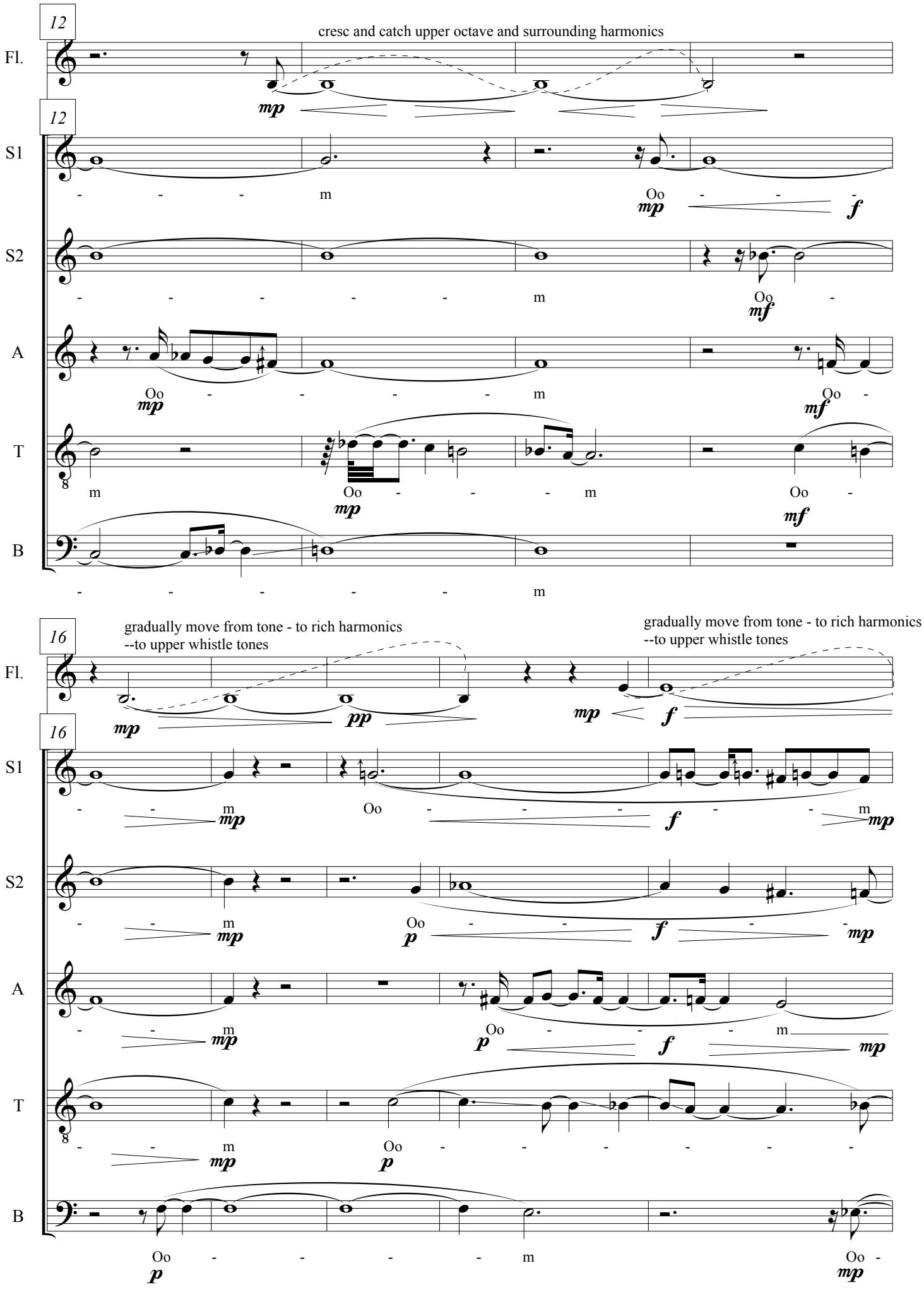
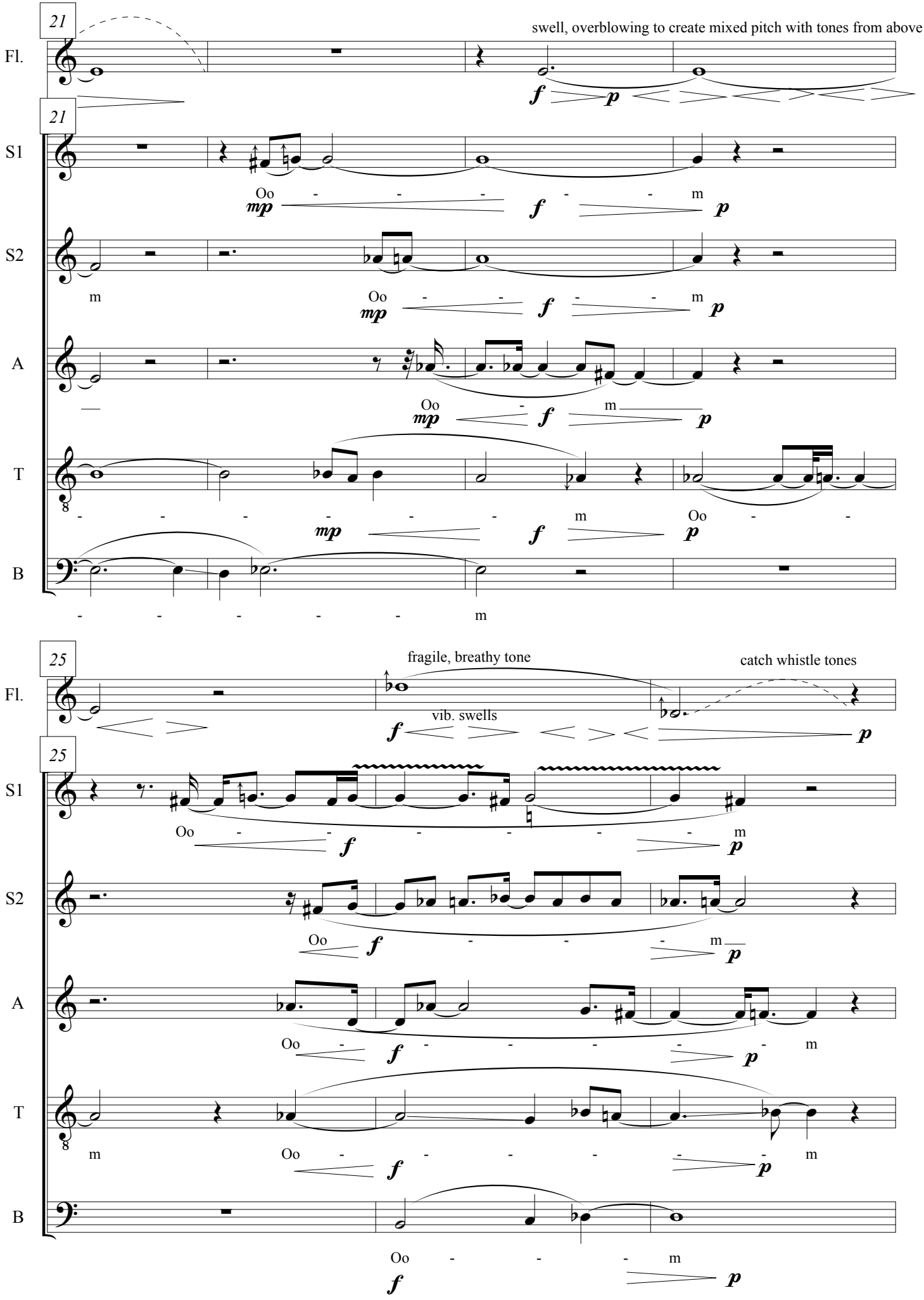
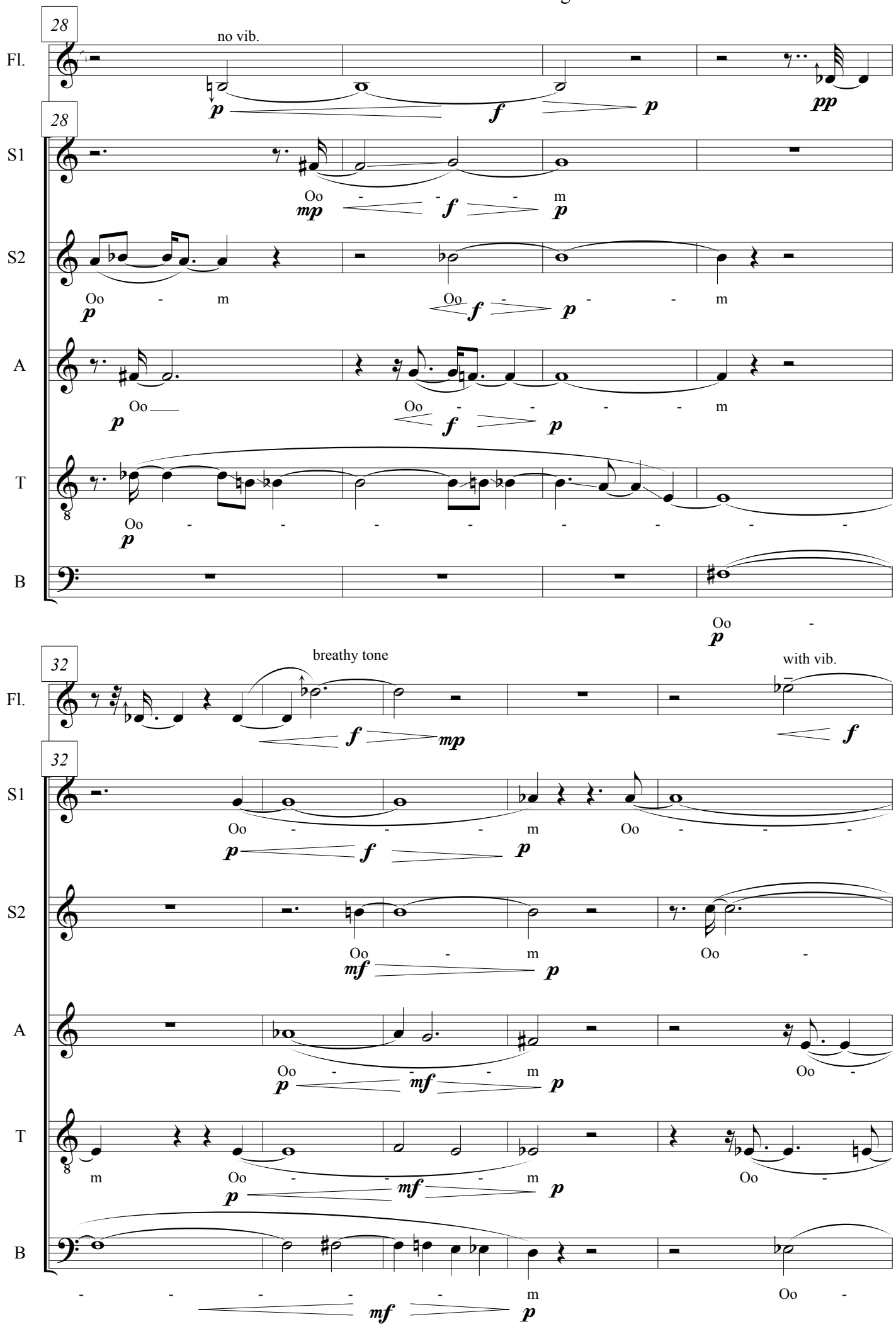
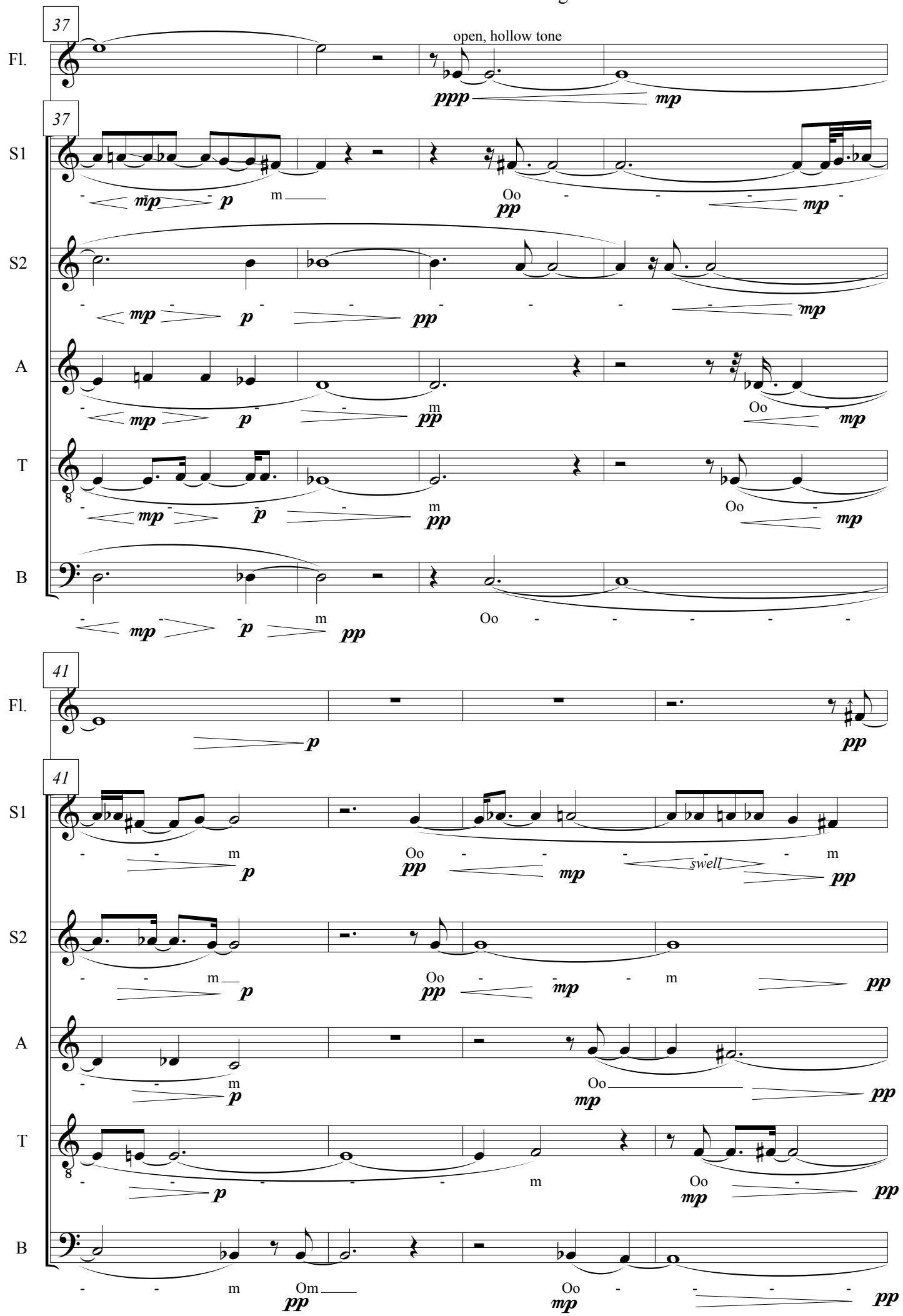
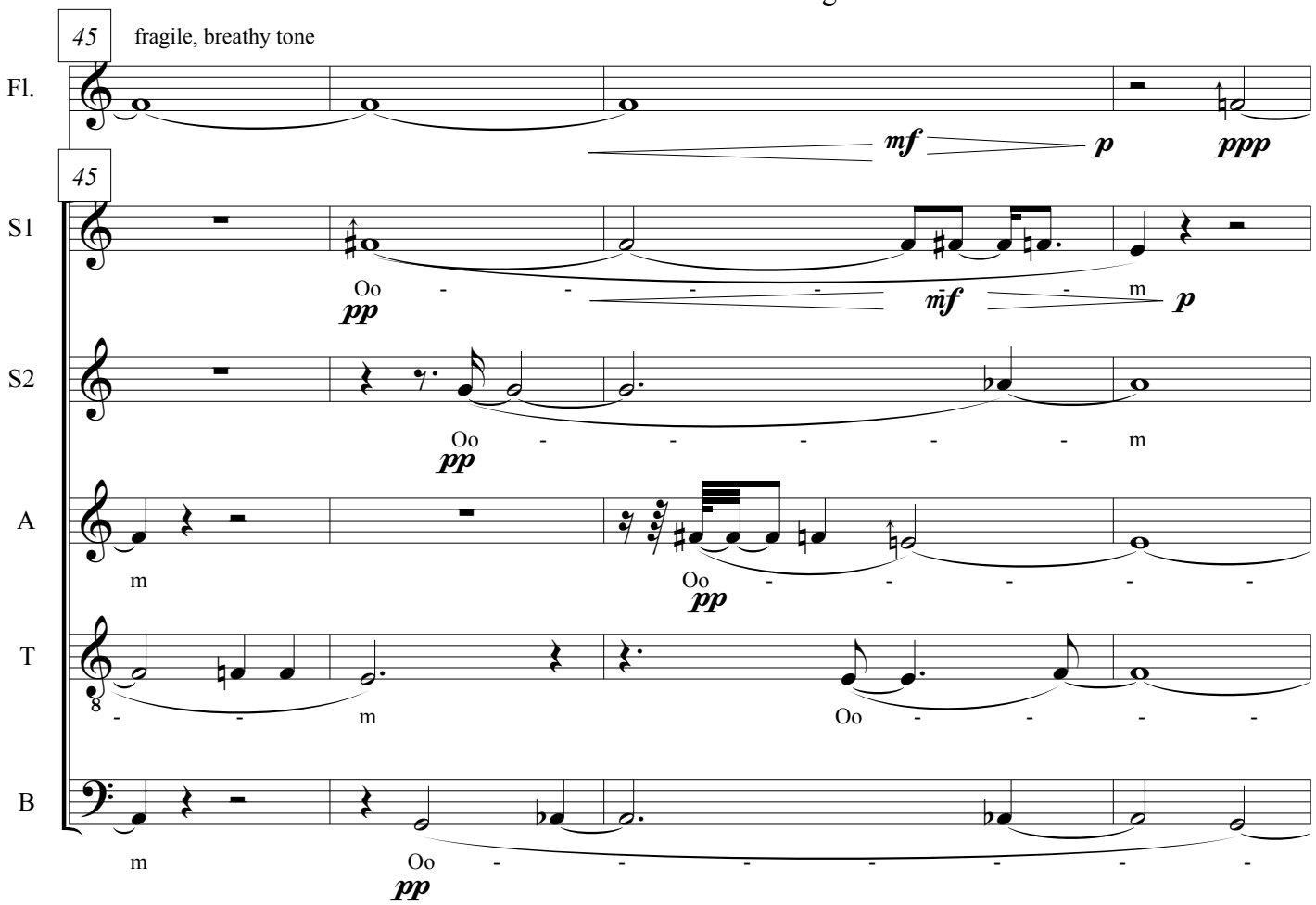
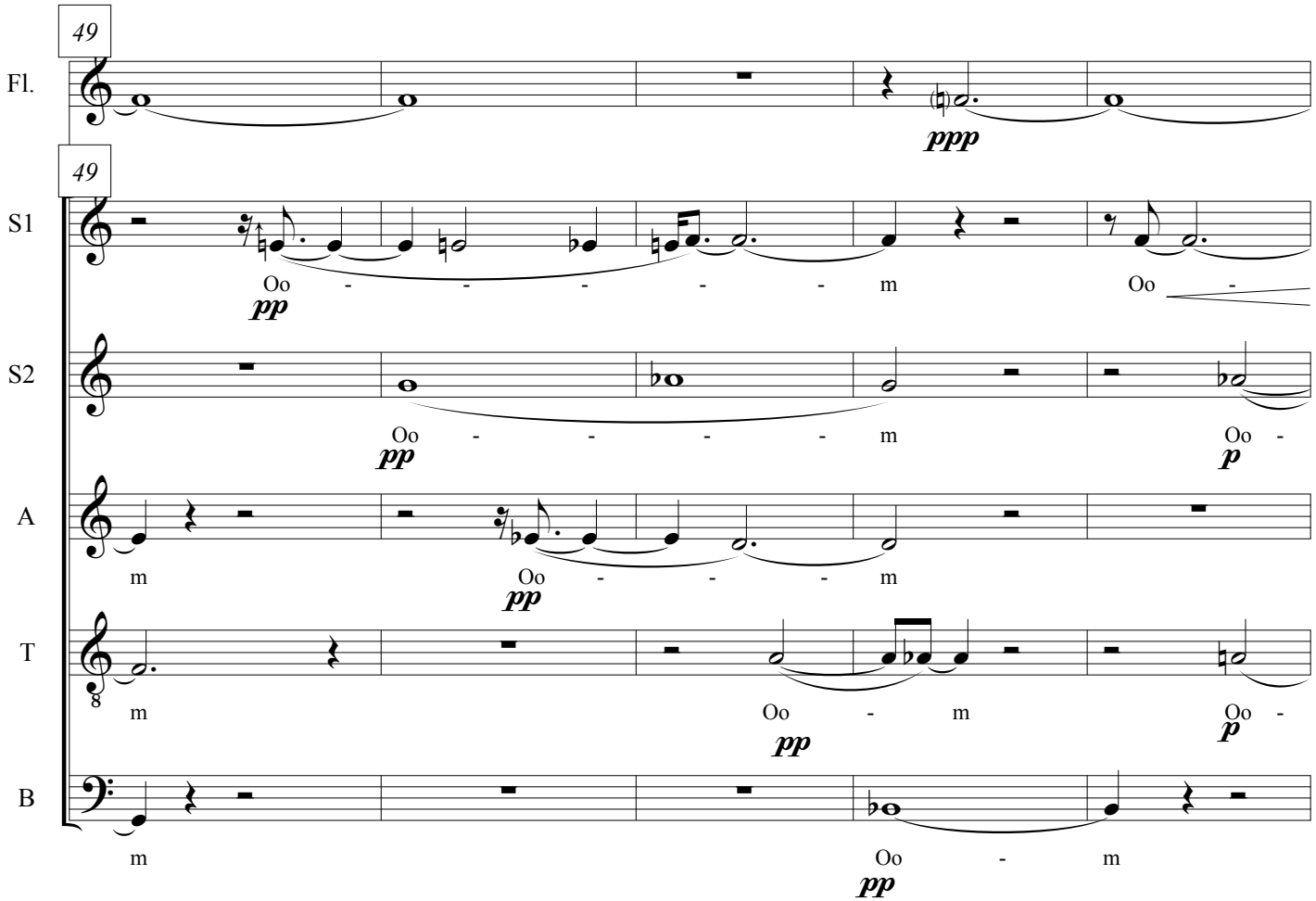


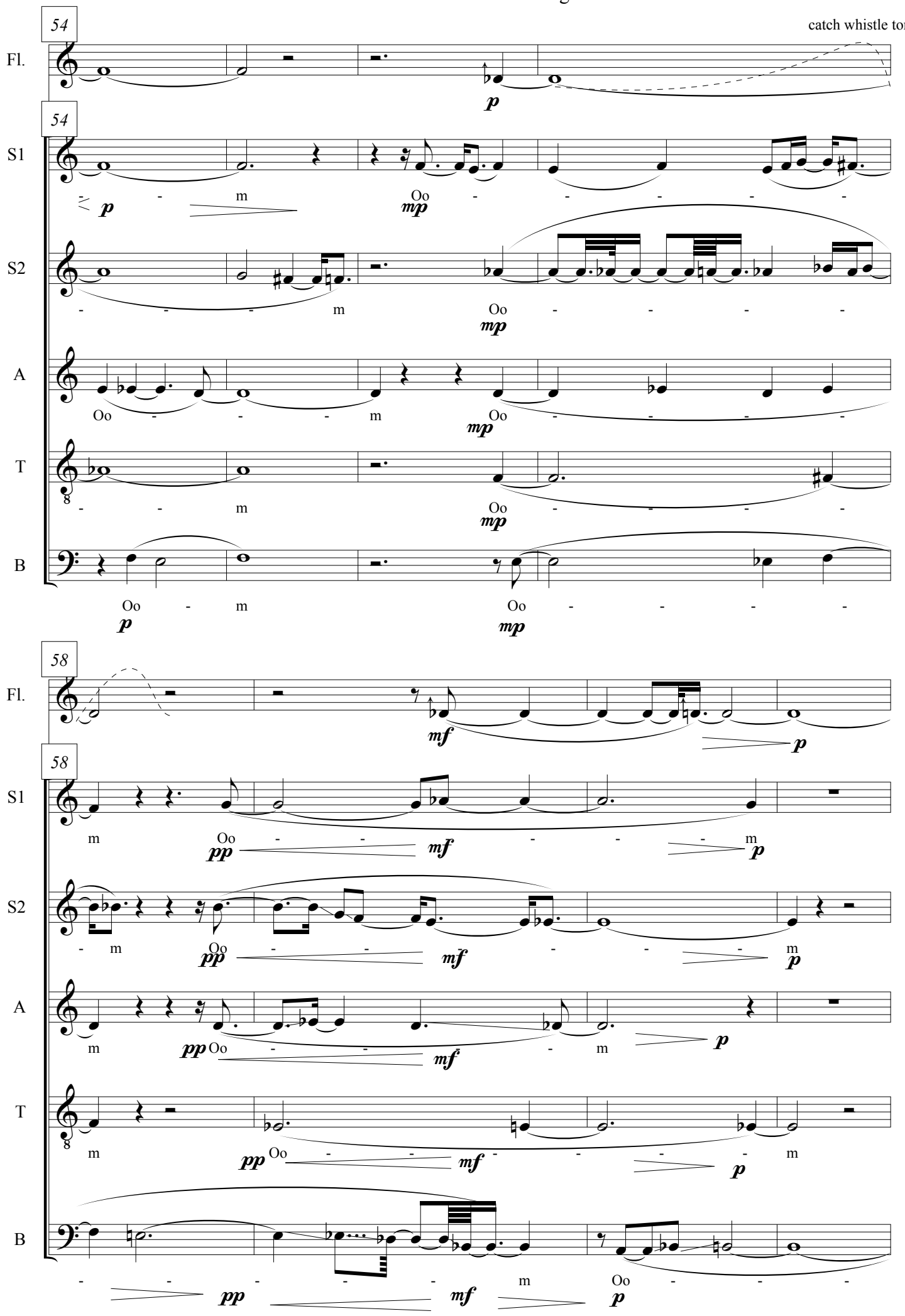

21
swell, overblowing to create mixed pitch with tones from above
Fl.
S1
S2
A
T
B
Oo
m
25
fragile, breathy tone
catch whistle tones
vib. swells


28
no vib.
Fl.
S1
S2
A
T
B
Oo
m
32
breathy tone
with vib.

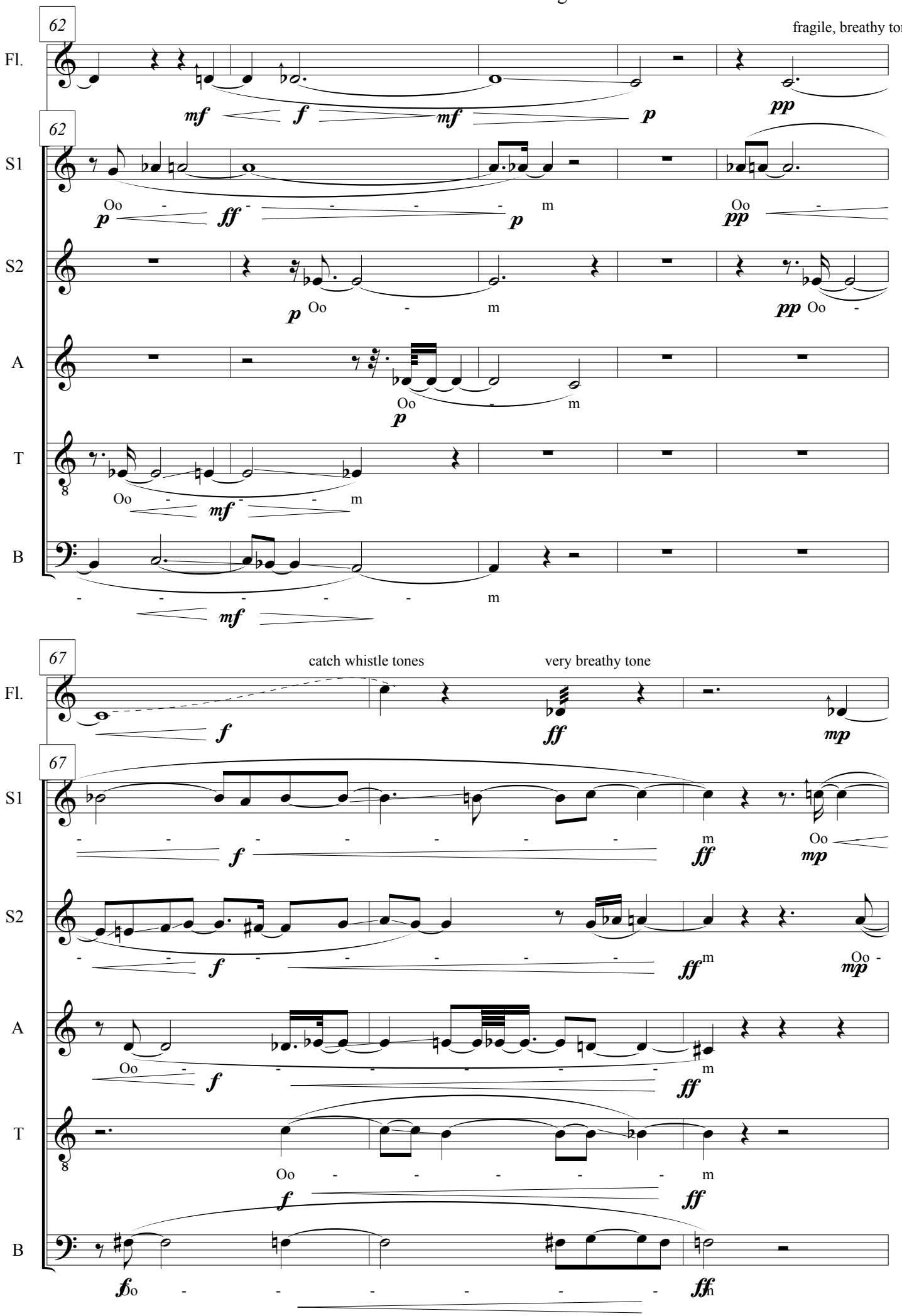

37
Fl.
open, hollow tone
ppp
mp
37
S1
mp
p
m
Oo
pp
mp
S2
mp
p
pp
mp
A
mp
p
m
pp
Oo
mp
T
mp
p
m
pp
Oo
mp
B
mp
p
m
pp
Oo
41
Fl.
p
pp
41
S1
m
p
Oo
pp
mp
swell
m
pp
S2
m
p
Oo
pp
mp
m
pp
A
m
p
Oo
mp
pp
T
p
m
Oo
mp
pp
B
m
Om
pp
Oo
mp
pp

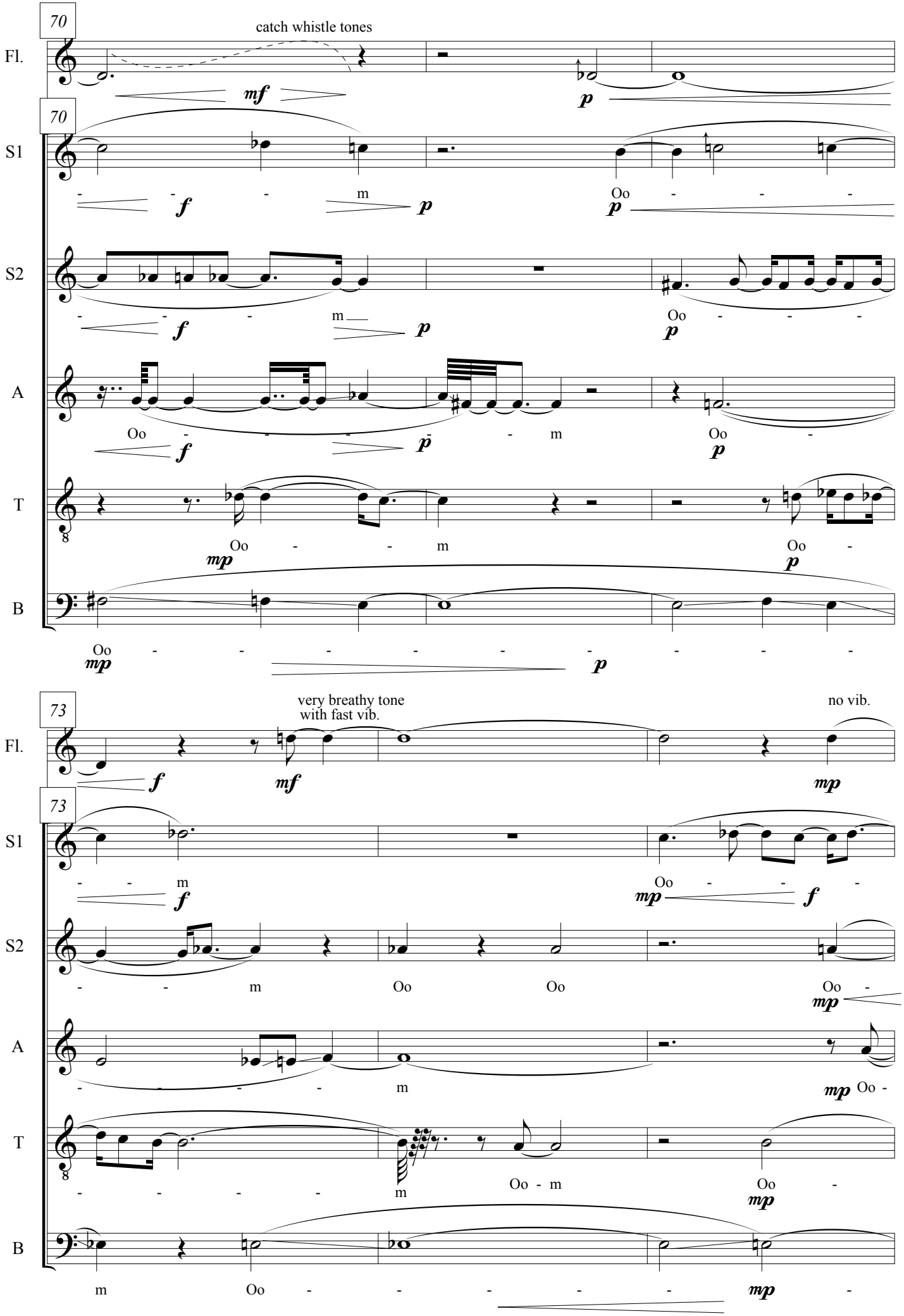

45
fragile, breathy tone
Fl.
mf
p
ppp
45
S1
Oo - - - - - m
pp
mf
p
S2
Oo - - - - - m
pp
A
m
Oo - - - - -
pp
T
- - m
Oo - - - -
B
m
Oo - - - - - -
pp

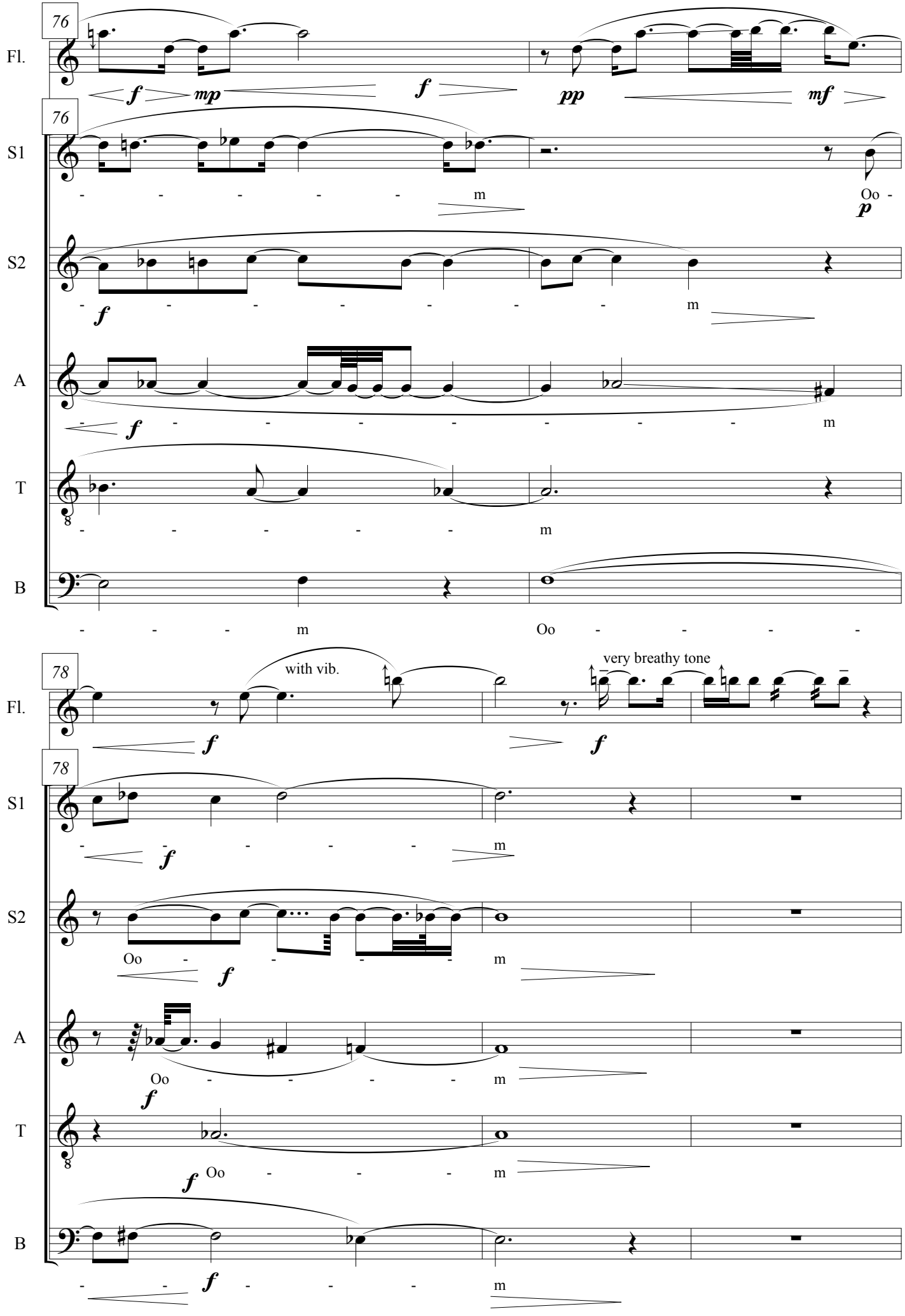

49
Fl.
ppp
49
S1
Oo - - - - m
pp
Oo -
S2
Oo - - - - m
pp
Oo -
p
A
m
Oo - - - m
pp
T
m
Oo - m
pp
Oo -
p
B
m
Oo - m
pp

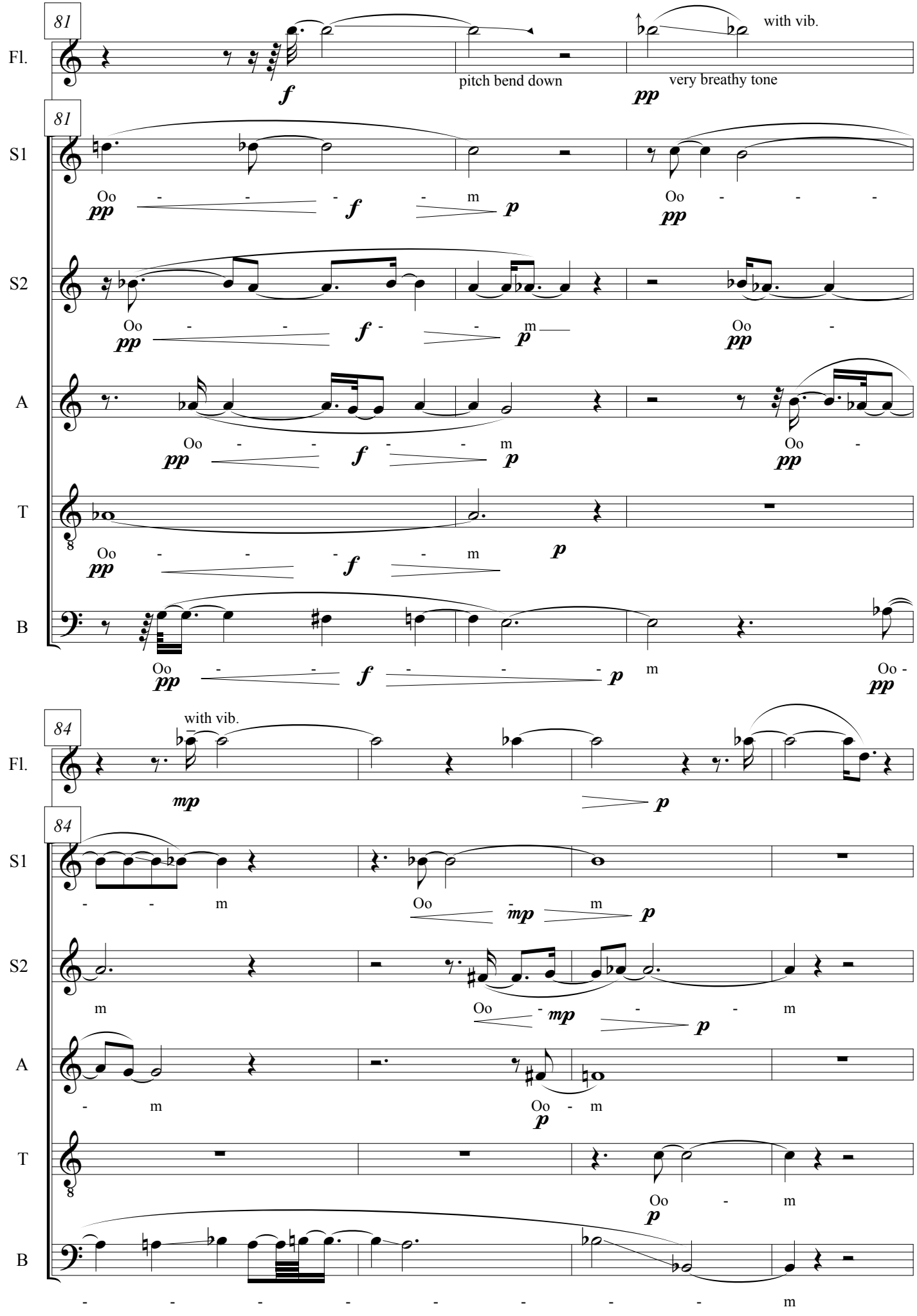

54
catch whistle tones
Fl.
S1
S2
A
T
B
p
m
Oo
mp
58
mf
pp

# Attractive Privacies of Breathing Borders

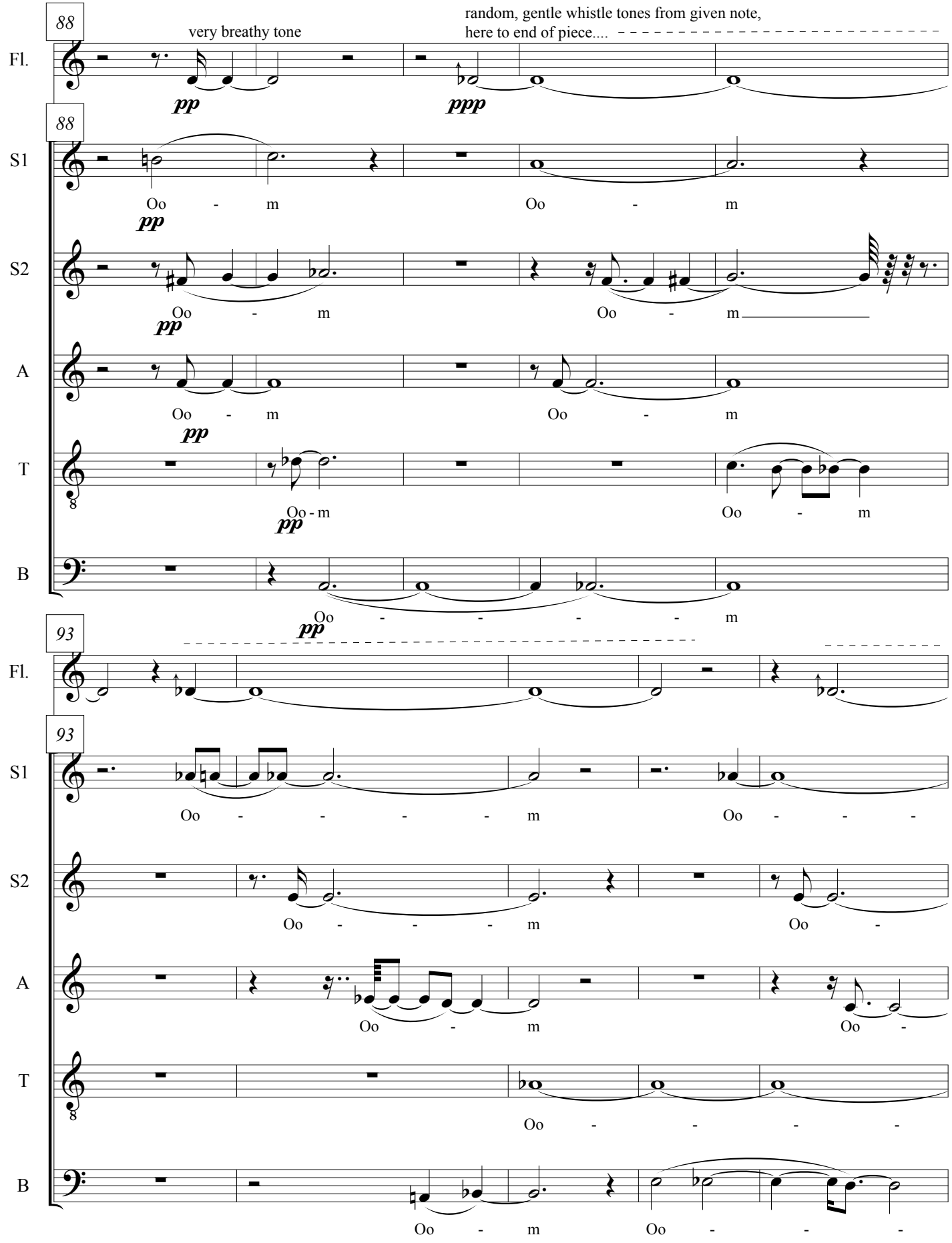


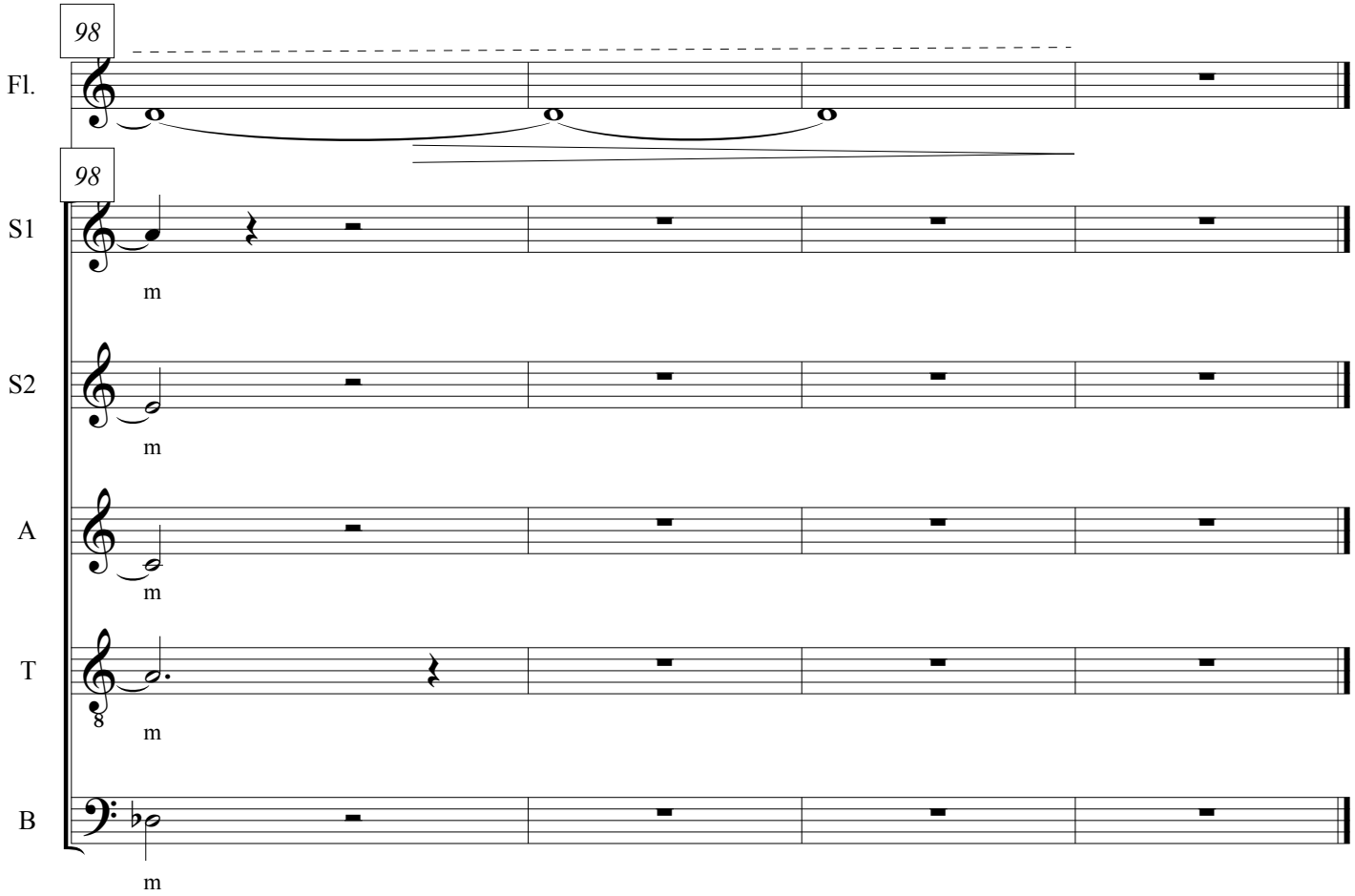

70
catch whistle tones
Fl.
mf
p
70
S1
f
m
p
Oo
p
S2
f
m
p
Oo
p
A
Oo
f
p
m
Oo
p
T
Oo
mp
m
Oo
p
B
Oo
mp
p
73
very breathy tone
with fast vib.
no vib.
Fl.
f
mf
mp
73
S1
m
f
Oo
mp
f
S2
m
Oo
Oo
Oo
mp
A
m
mp
Oo
T
m
Oo - m
Oo
mp
B
m
Oo
mp


76
Fl.
S1
S2
A
T
B
m
Oo
78
with vib.
very breathy tone


81
Fl.
S1
S2
A
T
B
pitch bend down
with vib.
very breathy tone
Oo
m
84
with vib.

# Attractive Privacies of Breathing Borders




98
Fl.
98
S1
m
S2
m
A
m
T
m
B
m