

Andrew Nathaniel McIntosh

Tread Softly

for string quartet

(2016)

PLAINSOUND MUSIC EDITION

The Extended Helmholtz-Ellis JI Pitch Notation

microtonal accidentals designed by Marc Sabat and Wolfgang von Schweinitz, 2004

3-LIMIT (PYTHAGOREAN) INTERVALS

bb b ♮ # x

FUNCTION OF THE ACCIDENTALS

notate untempered perfect fifths ($3/2$) $\approx \pm 702.0$ cents

perfect fifth (3/2); perfect fourth (4/3); major wholetone (9/8)

5-LIMIT (PTOLEMAIC) INTERVALS

↓ ♮ ↑ ↕ ↗ ↘

notate an alteration by one syntonic comma ($81/80$) $\approx \pm 21.5$ cents

major third (5/4); minor third (6/5); major sixth (5/3); minor sixth (8/5)

7-LIMIT (SEPTIMAL) INTERVALS

↳ ↶

notate an alteration by one septimal comma ($64/63$) $\approx \pm 27.3$ cents

natural seventh (7/4); septimal wholetone (8/7); septimal diminished fifth (7/5); septimal tritone (10/7); septimal minor third (7/6)

↷ ↵

notate an alteration by two septimal commas ($64/63$)·($64/63$) $\approx \pm 54.5$ cents

11-LIMIT (UNDECIMAL) INTERVALS

† ‡

notate an alteration by one undecimal quartertone ($33/32$) $\approx \pm 53.3$ cents

undecimal augmented fourth (11/8); undecimal diminished fifth (16/11)

for the Isaura Quartet
Tread Softly

Andrew McIntosh

$\text{♩} = 130$

Violin I: IV (P5 above vcl), III, IV, IV, III. *mf*, *sim.*

Violin II: (P5 above vcl), III, III. *mf*, *sim.*

Viola: IV, *sim.*, (M3 above vcl), IV. *mf*, *sim.*

Violoncello: *mf*, 5° , *sim.*, IV, III, 5° .

8

Vln. I: *mf*, *sim.*, (7/4 above viola)

Vln. II: *mf*, IV, *sim.*, (unis. w/vln 1)

Vla.: *mf*, IV, *sim.*, (P8 below vln 1), (unis. w/vla)

Vc.: *mf*, *sim.*

15

Vln. I: *p*

Vln. II: *p*

Vla.: IV III, III, IV III, III, *p*

Vc.: III, III, III, III, II, 5° , *mf*

25

Vln. I *poco cresc.* *f* *mf*

Vln. II *poco cresc.* III III III III *mf*

Vla. *poco cresc.* IV *mf* (P8 below vln 2)

Vc. *mf* II

36 (M3 above vln 2)

Vln. I

Vln. II (P4 below vln 1)

Vla. (unis. w/vln 2)

Vc.

42 (same pitch + 9 cents: 11/4 above vln 2)

Vln. I *mp* *poco pont.* *f* ord.

Vln. II *mp* *poco pont.* (P5 below vln 1) *f* ord.

Vla. *mp* (7/4 above vln 2) *poco pont.* (P5 below vcl) *f* (P4 below ord. vln 1)

Vc. *mp* *poco pont.* *f* ord.

49

Vln. I *sim.* (P5 above vln 1) (unis. w/vln 1) *gradual dim. to 57*

Vln. II *sim.* (7/4 above vln 1) *gradual dim. to 57*

Vla. *sim.* (M10 above vcl) (P5 above vln 1) *gradual dim. to 57*

Vc. *sim.* pont. *f* *gradual dim.*

54

Vln. I *p* *sim.*

Vln. II *p* *sim.*

Vla. *p* *sim.* 5°

Vc. *p* *sim.*

63

Vln. I (M6 below vln 2) III *mf*

Vln. II III

Vla. II III

Vc. III II III II III II III

74

Vln. I *p*

Vln. II

Vla. *mf*

Vc. *6°*

86 **Tempo I**

Vln. I *mf*

Vln. II *mf*

Vla. *mf* *sim.* (both notes: M3 above vcl)

Vc. *6°* *mf* *sim.*

93

Vln. I *non dim.* (P8 above vln 2)

Vln. II *(11/4 above vcl)*

Vla. *(P8 below vln 2)*

Vc.