

VIOLIN

# Intermediate Scales AND Bowings

for STRINGS

by HARVEY S. WHISTLER and HERMAN A. HUMMEL

## C O N T E N T S

"Property of Thomas S. Hart"  
Middle School  
Music Department

Units	P A G E N U M B E R S		
	Strings	Piano	Score
1-16 Key of C Major	2	2	4
17-32 Key of G Major	4	5	10
33-48 Key of D Major	6	8	16
49-64 Key of A Major	8	11	22
65-80 Key of F Major	10	14	28
81-96 Key of B $\flat$ Major	12	17	34
97-112 Key of E $\flat$ Major	14	20	40
113-120 Chromatic Scales	16	23	46

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This Chart Is Included on the Inside Front Cover of each String Part

## ABBREVIATIONS and TERMINOLOGY

<b>LH</b>	Lower half of bow	<b>UH</b>	Upper half of bow	<b>WB</b>	Whole bow
<b>FR</b>	At frog (about six inches of bow)	<b>M</b>	At middle of bow	<b>P</b>	At point (about six inches of bow)

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

**Legato** Smooth and connected; usually slurred.

**Staccato** Short and detached; each note may be played with a separate bow, or several or more notes may be played in the same bow.

**Détaché** Smooth, separate-stroke legato with all bow changes as imperceptible as possible.

**Simile** Continue in the same manner; in this publication the term refers to the style of bowing.

(0), (4), (2), etc. (Small numerals in parentheses, placed above or below notes) indicate alternate fingerings that may be employed.

— (Brackets over two notes) indicate half-steps. On the violin and viola the fingers should be close together, touching each other.

## POSITION INDICATIONS

**Ip., IIp., IIIP., etc.** (Roman numerals) indicate the basic position to be used.

**Cello and String Bass:**

$\frac{1}{2}p.$  = Half Position

**Cello:**

+ = Extended Position

— = Lowered Position

## PREFERRED FINGERING SYSTEM for FIRST POSITION SCALES

(Violin and Viola)

When ASCENDING the OPEN STRING is used unless it is: (1) preceded by a half-step, (2) the last note of a slur, (3) the last note of the scale, or (4) the last of a group of notes. In such cases, the FOURTH FINGER is used.

When DESCENDING, the FOURTH FINGER is used unless it is: (1) preceded by a half-step, (2) the middle or last note of a slur, (3) the last note of a scale, or (4) the last of a group of notes. In such cases, the OPEN STRING is used.

# Key of C Major

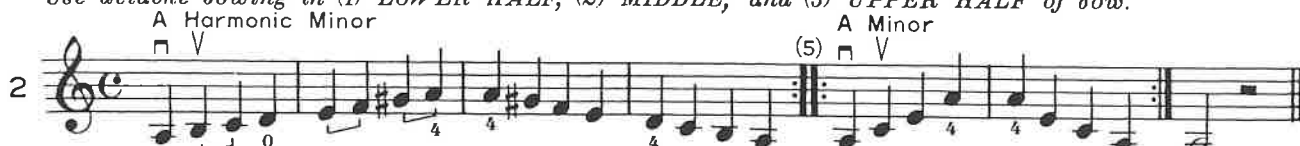
## Détaché Scale


1  Scale of C Chord of C

Use détaché bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

## Relative Minor Scales and Chords

Use détaché bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

2  A Harmonic Minor A Minor

3  A Melodic Minor A Minor

## Scales and Chords in Eighth Notes

Also practice (1) slurring each two notes, and (2) slurring each four notes.

4  C Major C Major

5  A Harmonic Minor A Minor

6  A Melodic Minor A Minor

## Staccato Scales

Use short strokes in (1) LOWER HALF, and (2) MIDDLE of bow.

7  C Major simile

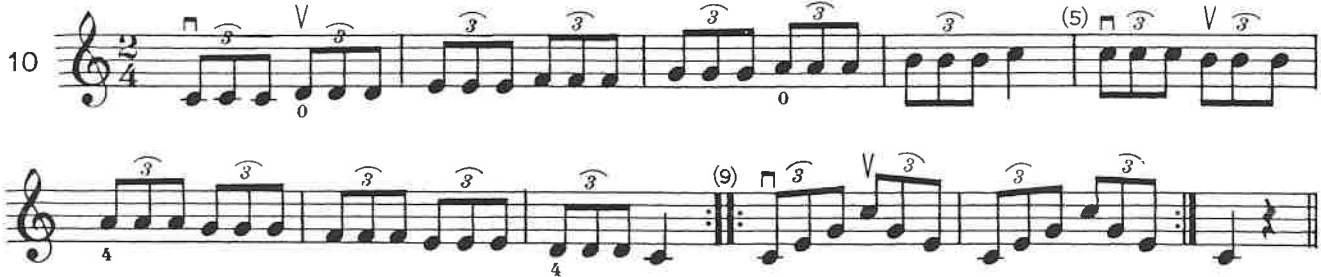
8  A Harmonic Minor

## Scale and Chord in 6/8 Meter



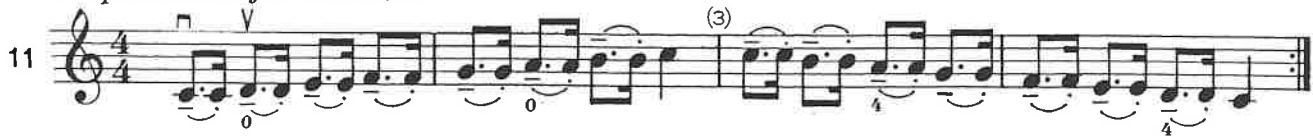
## Triplets

Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

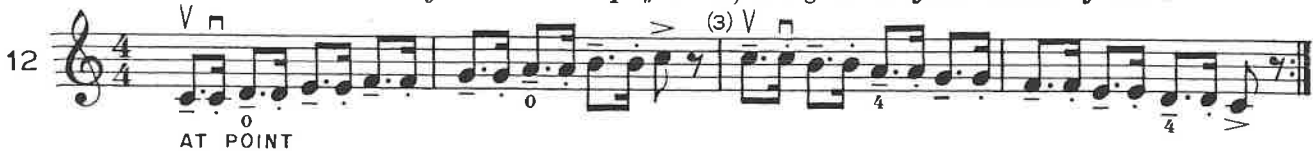


## Dotted Eighth and Sixteenth Notes

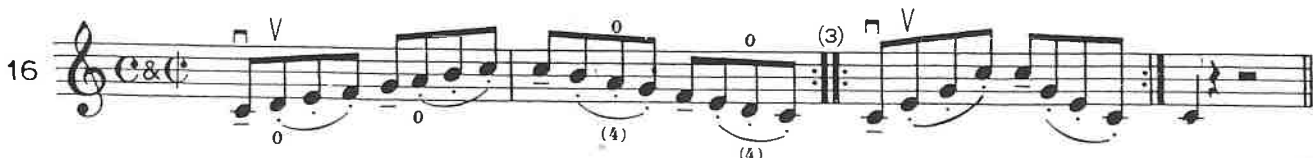
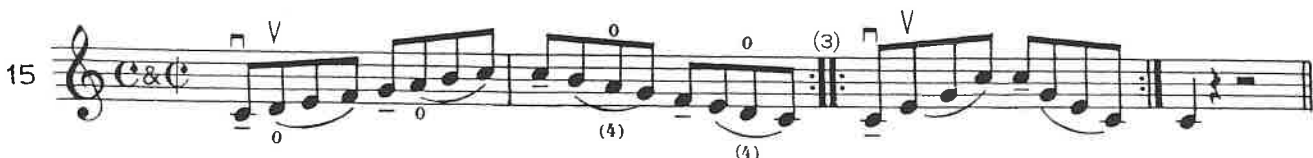
Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow. Also practice at the FROG with a separate bow for each note.



Be sure to start UP BOW. Play at extreme tip of stick, using about four inches of hair.



## Articulated Scales and Chords



# Key of G Major

## Détaché Scale

17

Scale of G

Chord of G

Use *détaché* bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

## Relative Minor Scales and Chords

Use *détaché* bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

18

E Harmonic Minor

E Minor

19

E Melodic Minor

E Minor

## Scales and Chords in Eighth Notes

Also practice (1) slurring each two notes, and (2) slurring each four notes.

20

G Major

G Major

21

E Harmonic Minor

E Minor

22

E Melodic Minor

E Minor

## Staccato Scales

Use short strokes in (1) LOWER HALF, and (2) MIDDLE of bow.

23

simile

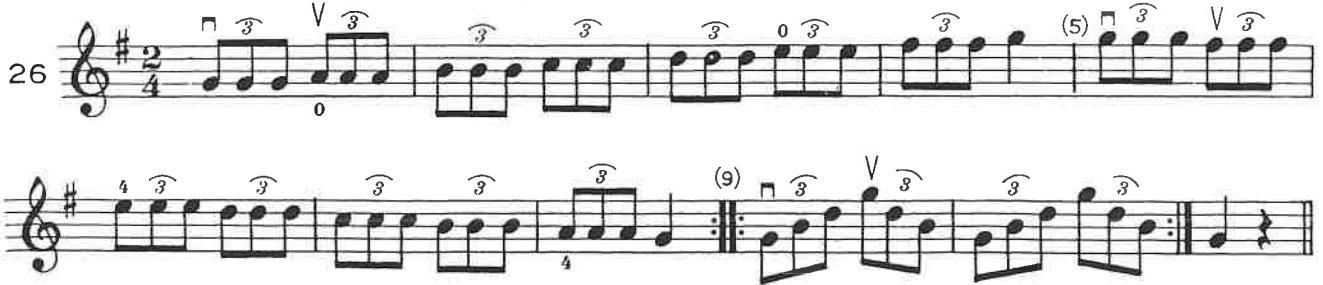
24

## Scale and Chord in 6/8 Meter



### Triplets

Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

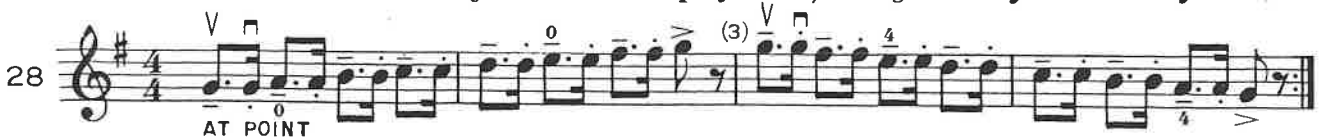


### Dotted Eighth and Sixteenth Notes

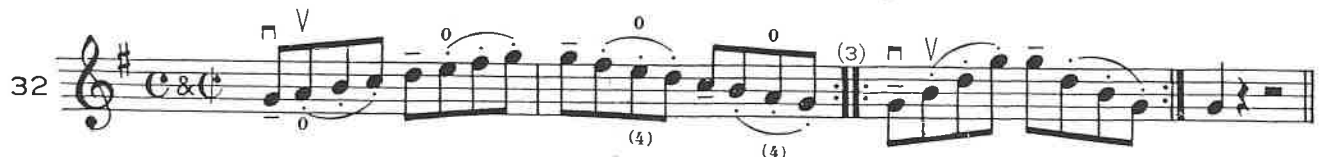
Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow. Also practice at the FROG with a separate bow for each note.



Be sure to start UP BOW. Play at extreme tip of stick, using about four inches of hair.



### Articulated Scales and Chords



# Key of D Major

## Détaché Scale

33

Scale of D

Chord of D

Use détaché bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

## Relative Minor Scales and Chords

Use détaché bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

34

B Harmonic Minor

B Minor

35

B Melodic Minor

B Minor

## Scales and Chords in Eighth Notes

Also practice (1) slurring each two notes, and (2) slurring each four notes.

36

D Major

D Major

37

B Harmonic Minor

B Minor

38

B Melodic Minor

B Minor

## Staccato Scales

Use short strokes in (1) LOWER HALF, and (2) MIDDLE of bow.

39

V simile

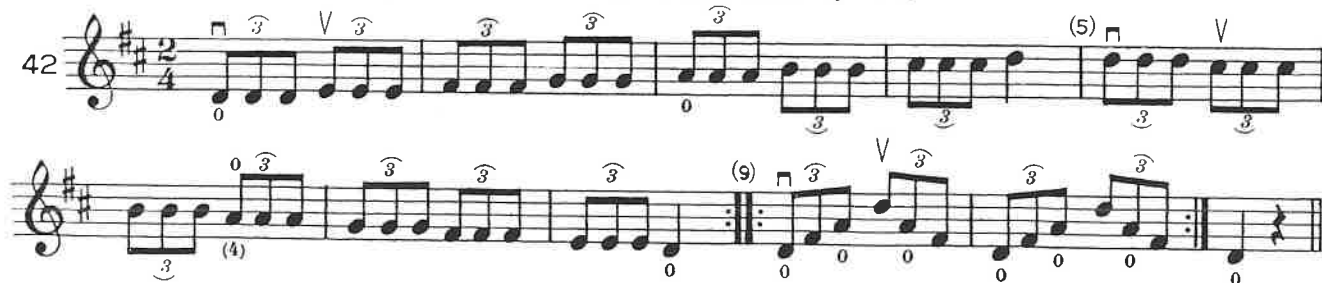
40

## Scale and Chord in 6/8 Meter



## Triplets

Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

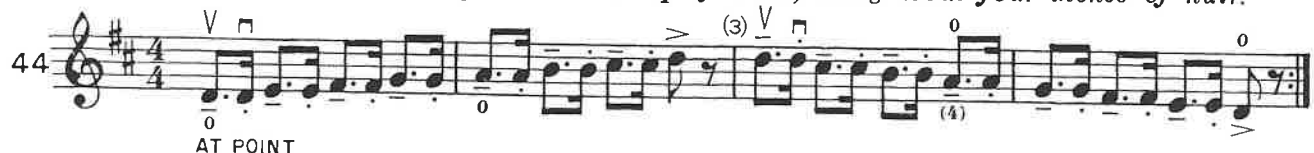


## Dotted Eighth and Sixteenth Notes

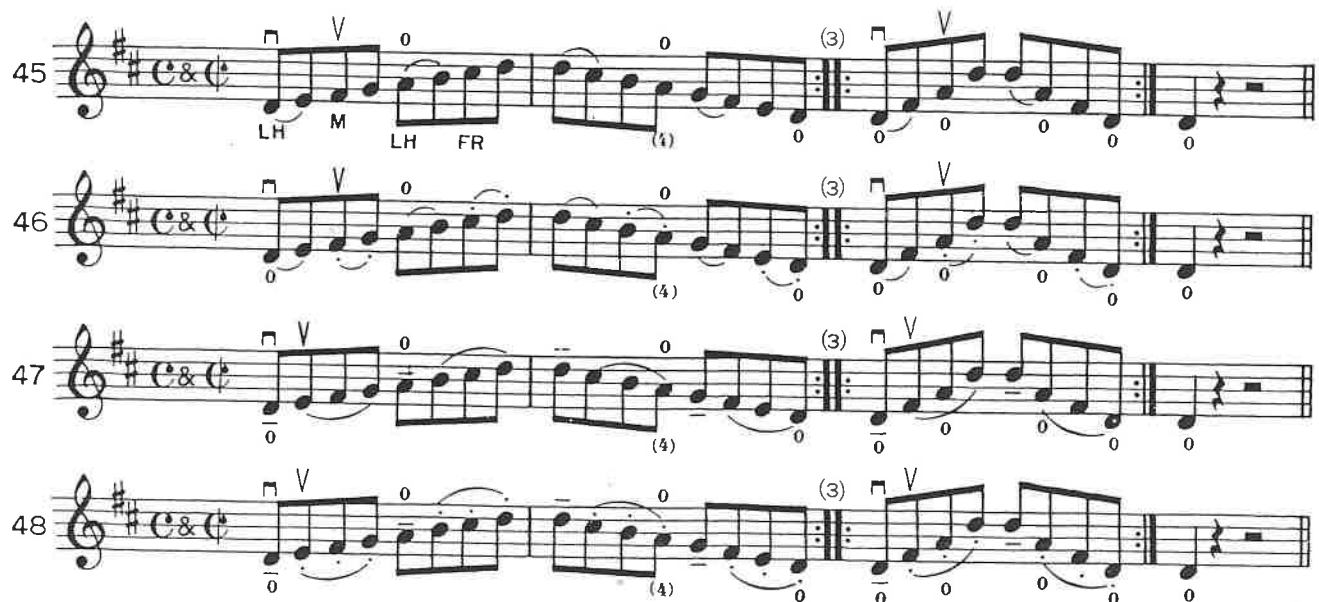
Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow. Also practice at the FROG with a separate bow for each note.



Be sure to start UP BOW. Play at extreme tip of stick, using about four inches of hair.



## Articulated Scales and Chords





# Key of A Major

## Détaché Scale

49

Scale of A

Chord of A

Use *détaché* bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

## Relative Minor Scales and Chords

Use *détaché* bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

50

F# Harmonic Minor

F# Minor

51

F# Melodic Minor

F# Minor

## Scales and Chords in Eighth Notes

Also practice (1) slurring each two notes, and (2) slurring each four notes.

52

A Major

A Major

53

F# Harmonic Minor

F# Minor

54

F# Melodic Minor

F# Minor

## Staccato Scales

Use short strokes in (1) LOWER HALF, and (2) MIDDLE of bow.

55

simile

56

## Scale and Chord in 6/8 Meter



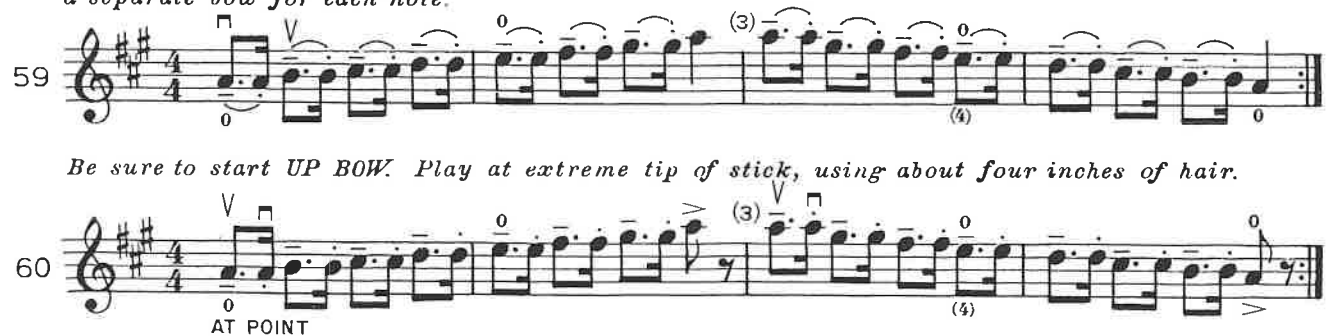
## Triplets

Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.



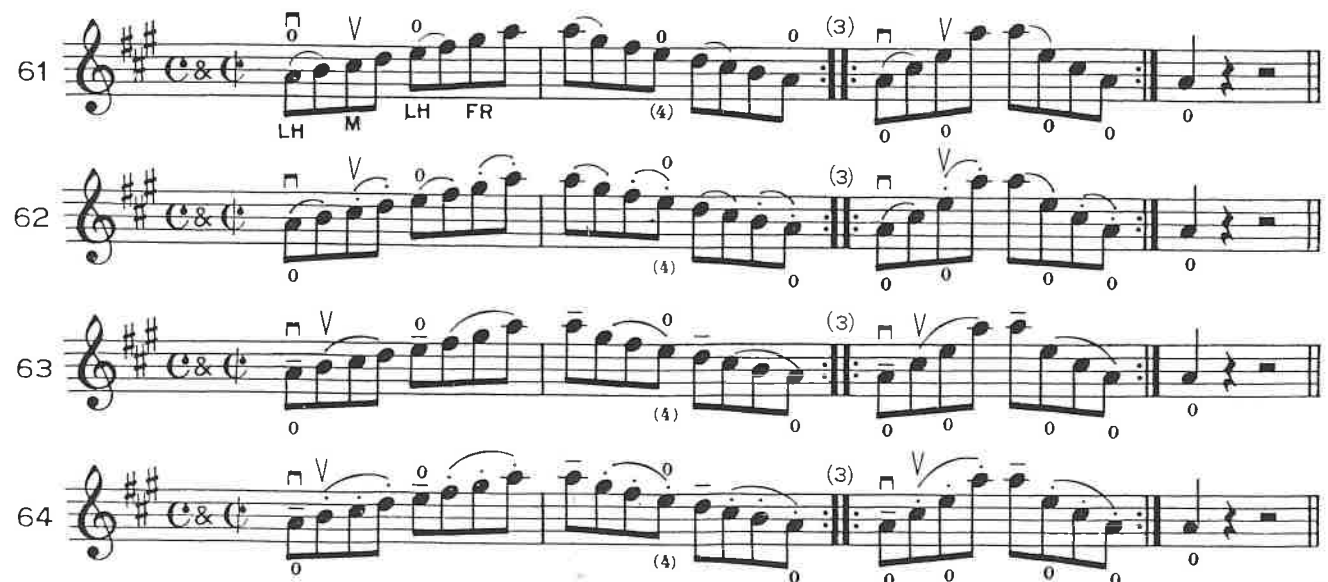
## Dotted Eighth and Sixteenth Notes

Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow. Also practice at the FROG with a separate bow for each note.



Be sure to start UP BOW. Play at extreme tip of stick, using about four inches of hair.

## Articulated Scales and Chords



# Key of F Major

## Détaché Scale

65

Scale of F

Chord of F

Use *détaché* bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

## Relative Minor Scales and Chords

Use *détaché* bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

66

D Harmonic Minor

D Minor

67

D Melodic Minor

D Minor

## Scales and Chords in Eighth Notes

Also practice (1) slurring each two notes, and (2) slurring each four notes.

68

F Major

F Major

69

D Harmonic Minor

D Minor

70

D Melodic Minor

D Minor

## Staccato Scales

Use short strokes in (1) LOWER HALF, and (2) MIDDLE of bow.

71

*simile*

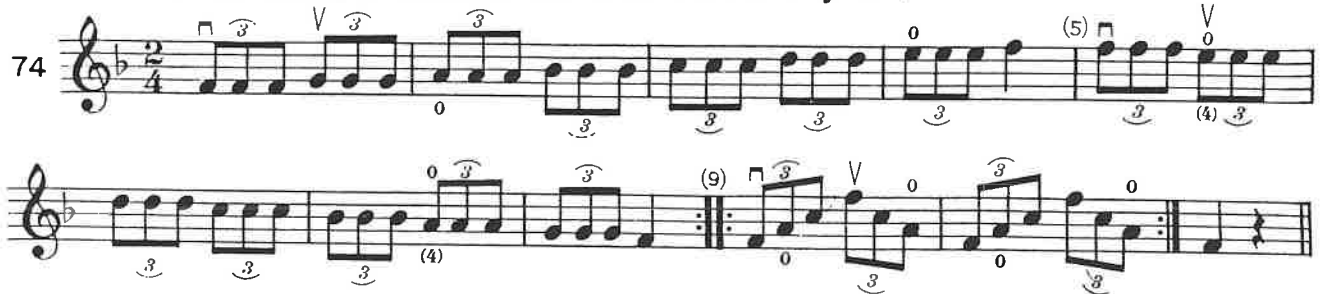
72

## Scale and Chord in 6/8 Meter



## Triplets

Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.



## Dotted Eighth and Sixteenth Notes

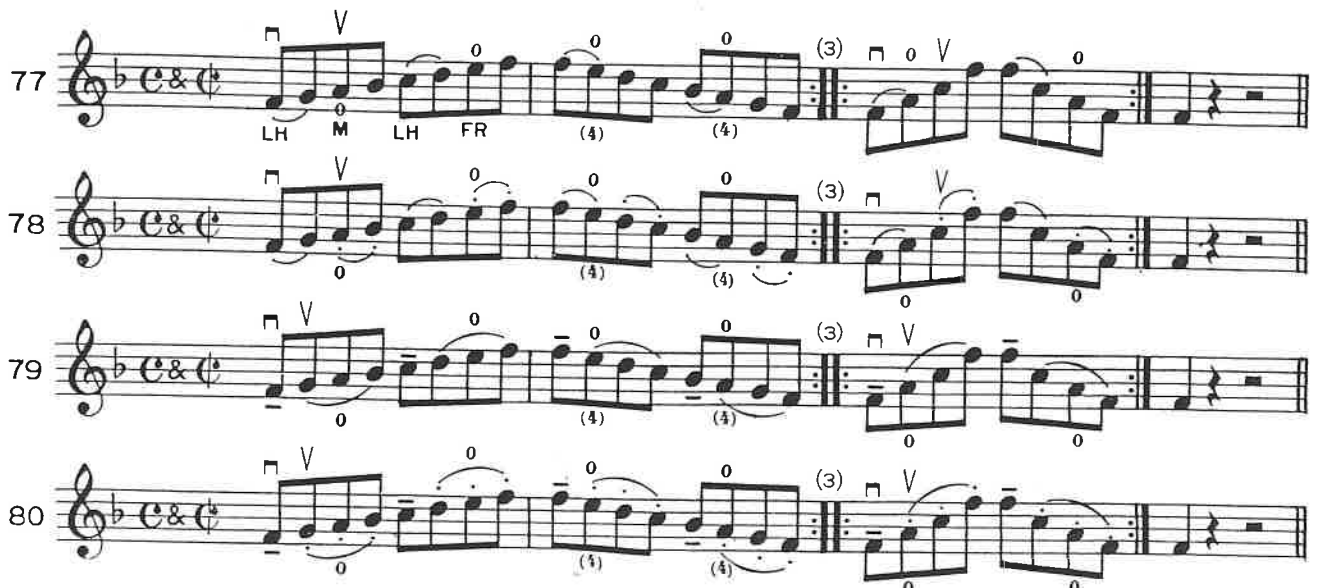
Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow. Also practice at the FROG with a separate bow for each note.



Be sure to start UP BOW. Play at extreme tip of stick, using about four inches of hair.



## Articulated Scales and Chords



# Key of B $\flat$ Major

## Détaché Scale

81

Scale of B $\flat$  Chord of B $\flat$

*Use détaché bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.*

## Relative Minor Scales and Chords

*Use détaché bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.*

82

G Harmonic Minor G Minor

83

G Melodic Minor G Minor

## Scales and Chords in Eighth Notes

*Also practice (1) slurring each two notes, and (2) slurring each four notes.*

84

B $\flat$  Major B $\flat$  Major

85

G Harmonic Minor G Minor

86

G Melodic Minor G Minor

## Staccato Scales

*Use short strokes in (1) LOWER HALF, and (2) MIDDLE of bow.*

87

*simile* (3)

88

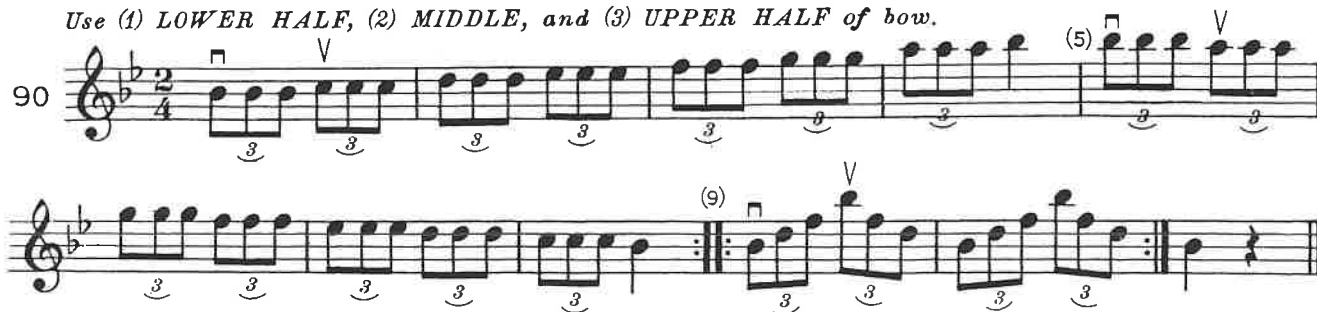
(3)

## Scale and Chord in 6/8 Meter



## Triplets

Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

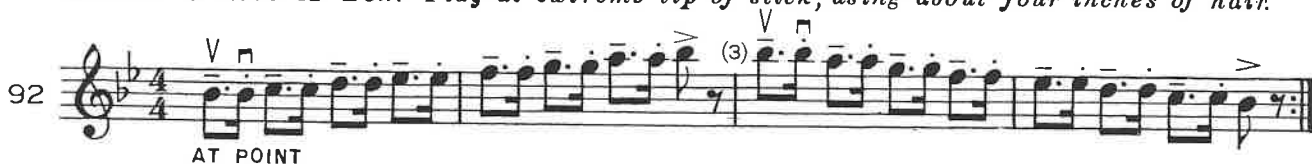


## Dotted Eighth and Sixteenth Notes

Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow. Also practice at the FROG with a separate bow for each note.



Be sure to start UP BOW. Play at extreme tip of stick, using about four inches of hair.



## Articulated Scales and Chords



# Key of E $\flat$ Major

## Détaché Scale

97

Scale of E $\flat$       Chord of E $\flat$

Use détaché bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

## Relative Minor Scales and Chords

Use détaché bowing in (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

98

C Harmonic Minor      C Minor

99

C Melodic Minor      C Minor

## Scales and Chords in Eighth Notes

Also practice (1) slurring each two notes, and (2) slurring each four notes.

100

E $\flat$  Major      E $\flat$  Major

101

C Harmonic Minor      C Minor

102

C Melodic Minor      C Minor

## Staccato Scales

Use short strokes in (1) LOWER HALF, and (2) MIDDLE of bow.

103

*simile*      (3) *simile*

104

(3) *simile*

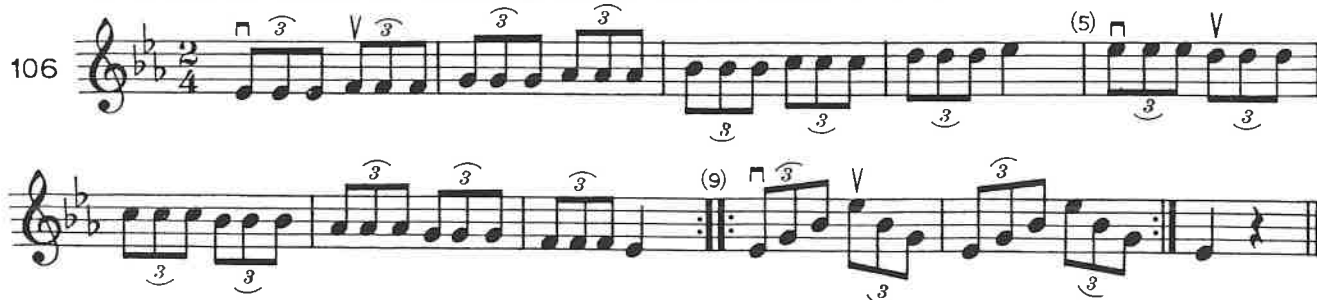


## Scale and Chord in 6/8 Meter



## Triplets

Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow.

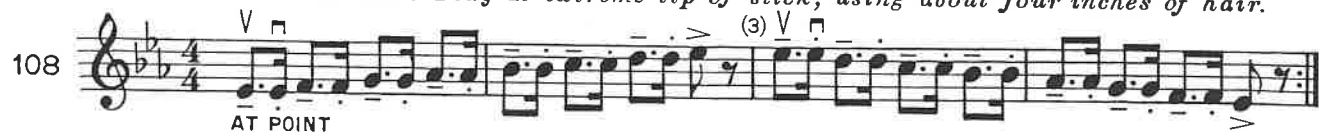


## Dotted Eighth and Sixteenth Notes

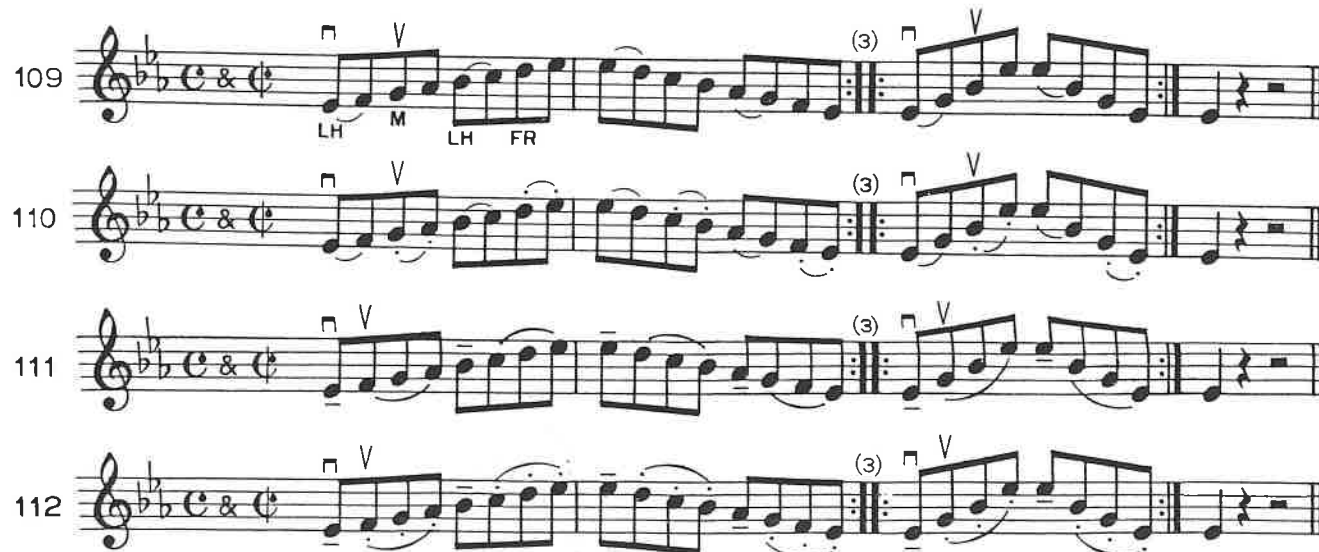
Use (1) LOWER HALF, (2) MIDDLE, and (3) UPPER HALF of bow. Also practice at the FROG with a separate bow for each note.



Be sure to start UP BOW. Play at extreme tip of stick, using about four inches of hair.



## Articulated Scales and Chords





# Chromatic Scales

## FIRST POSITION FINGERING

Ascending from open string: 0-1-1-2-2-3-4

Descending from fourth finger: 4-3-2-2-1-1-0

*Also practice (1) slurring each two notes, and (2) slurring each four notes.*

113 

114 

115 

116 

117 

118 

119 

## Extended Chromatic Scale

120 