

Scale Studies

by Richard Smith

1 Diatonic Major

Exercise 1: Diatonic Major scale in B-flat major, 4/4 time. The first staff shows the ascending and descending scales. The second staff shows a more complex ascending and descending pattern with slurs and accents.

2

Exercise 2: Diatonic Major scale in B-flat major, 4/4 time. The first staff shows a continuous eighth-note ascending and descending pattern. The second staff shows a similar pattern with slurs and accents.

3 Chromatic

Exercise 3: Chromatic scale in B-flat major, 4/4 time. The first staff shows the ascending and descending chromatic scales with triplet markings. The second staff shows a more complex ascending and descending pattern with slurs and accents.

4 Diatonic Minor
pure or natural

melodic *harmonic*

Exercise 4: Diatonic Minor scale in B-flat minor, 4/4 time. The first staff shows the ascending and descending scales. The second staff shows the melodic and harmonic minor scales.

5 Octatonic (minor)



Musical notation for the Octatonic (minor) scale in B-flat major. The scale is written in treble clef with a key signature of two flats. The notes are: B-flat, C, D, E-flat, F, G, A-flat, B-flat. The notation shows a sequence of eighth notes across four measures, with a final whole note B-flat in the fourth measure.

6 Whole-tone



Musical notation for the Whole-tone scale in B-flat major. The scale is written in treble clef with a key signature of two flats. The notes are: B-flat, C, D, E-flat, F, G, A-flat, B-flat. The notation shows a sequence of eighth notes across four measures, with a final whole note B-flat in the fourth measure.

7 Major Pentatonic



Musical notation for the Major Pentatonic scale in B-flat major. The scale is written in treble clef with a key signature of two flats. The notes are: B-flat, C, D, F, G. The notation shows a sequence of eighth notes across four measures, with a final whole note B-flat in the fourth measure.

8 Minor Pentatonic



Musical notation for the Minor Pentatonic scale in B-flat major. The scale is written in treble clef with a key signature of two flats. The notes are: B-flat, C, D, E-flat, F. The notation shows a sequence of eighth notes across four measures, with a final whole note B-flat in the fourth measure.

9 Blues



Musical notation for the Blues scale in B-flat major. The scale is written in treble clef with a key signature of two flats. The notes are: B-flat, C, D, E-flat, F, G, A-flat, B-flat. The notation shows a sequence of eighth notes across four measures, with a final whole note B-flat in the fourth measure.

10 Dorian



Musical notation for the Dorian scale in B-flat major. The scale is written in treble clef with a key signature of two flats. The notes are: B-flat, C, D, E-flat, F, G, A-flat, B-flat. The notation shows a sequence of eighth notes across four measures, with a final whole note B-flat in the fourth measure.

11 Phrygian



Musical notation for the Phrygian scale in B-flat major. The scale is written in treble clef with a key signature of two flats. The notes are: B-flat, C, D, E-flat, F, G, A-flat, B-flat. The notation shows a sequence of eighth notes across four measures, with a final whole note B-flat in the fourth measure.

12 Lydian



Musical notation for the Lydian scale in B-flat major. The scale is written in treble clef with a key signature of two flats. The notes are: B-flat, C, D, E, F, G, A-flat, B-flat. The notation shows a sequence of eighth notes across four measures, with a final whole note B-flat in the fourth measure.

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1 Diatonic Major

2

3 Chromatic

4 Diatonic Minor
pure or natural

melodic *harmonic*

5 Octatonic (minor)



Musical notation for the Octatonic (minor) scale, starting on C4. The scale consists of eight notes: C4, Bb4, Ab4, G4, F4, E4, D4, and C4. The notation is written on a single staff in treble clef with a key signature of two flats (Bb and Ab).

6 Whole-tone



Musical notation for the Whole-tone scale, starting on C4. The scale consists of six notes: C4, D4, E4, F#4, G4, and A4. The notation is written on a single staff in treble clef with a key signature of two flats (Bb and Ab).

7 Major Pentatonic




Musical notation for the Major Pentatonic scale, starting on C4. The scale consists of five notes: C4, D4, E4, G4, and F4. The notation is written on a single staff in treble clef with a key signature of two flats (Bb and Ab).

8 Minor Pentatonic



Musical notation for the Minor Pentatonic scale, starting on C4. The scale consists of five notes: C4, D4, Eb4, F4, and G4. The notation is written on a single staff in treble clef with a key signature of two flats (Bb and Ab).

9 Blues



Musical notation for the Blues scale, starting on C4. The scale consists of seven notes: C4, Bb4, Ab4, G4, F4, Eb4, and C4. The notation is written on a single staff in treble clef with a key signature of two flats (Bb and Ab).

10 Dorian



Musical notation for the Dorian scale, starting on C4. The scale consists of seven notes: C4, D4, Eb4, F4, G4, Ab4, and C4. The notation is written on a single staff in treble clef with a key signature of two flats (Bb and Ab).

11 Phrygian



Musical notation for the Phrygian scale, starting on C4. The scale consists of seven notes: C4, Bb4, Ab4, G4, F4, E4, and C4. The notation is written on a single staff in treble clef with a key signature of two flats (Bb and Ab).

12 Lydian

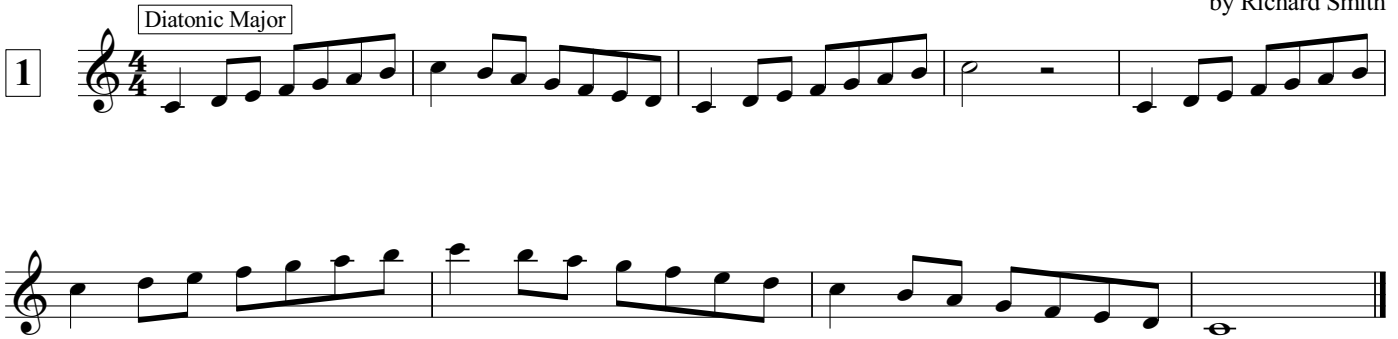


Musical notation for the Lydian scale, starting on C4. The scale consists of seven notes: C4, D4, E4, F#4, G4, A4, and C4. The notation is written on a single staff in treble clef with a key signature of two flats (Bb and Ab).

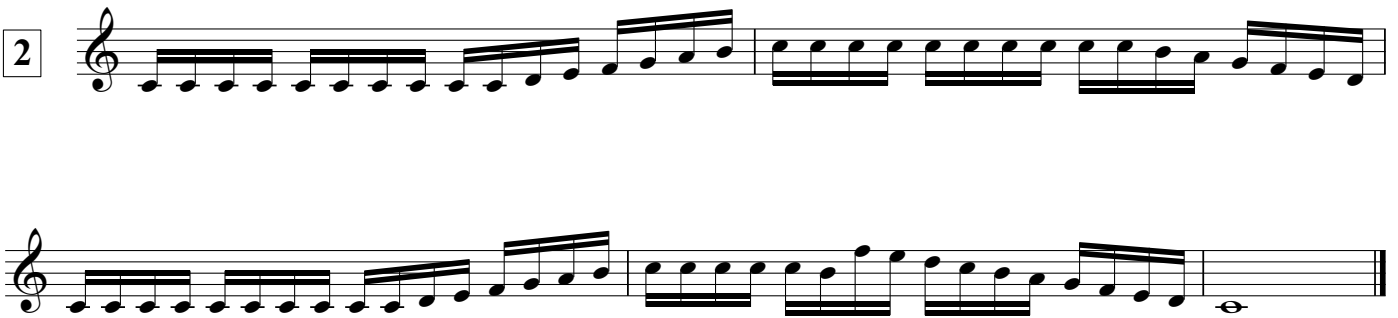
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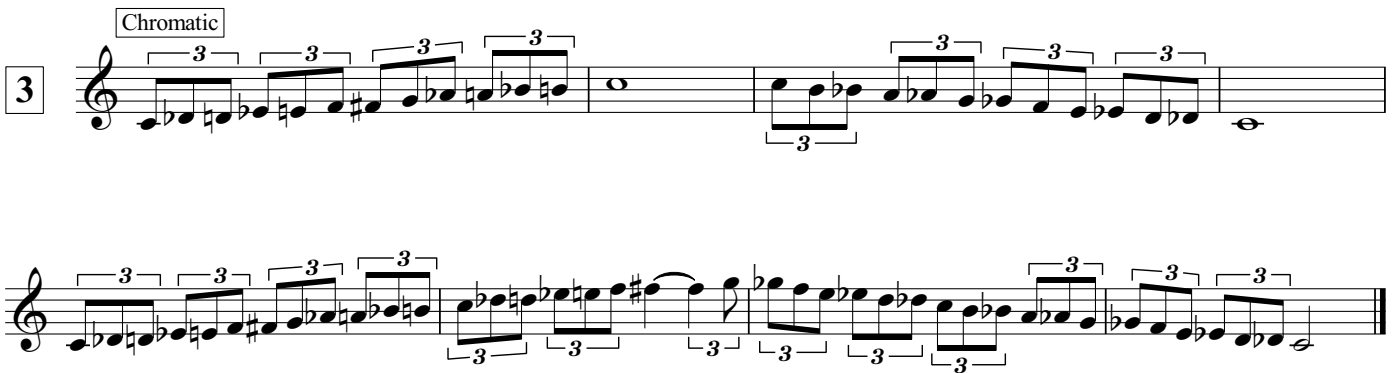
1 Diatonic Major



2

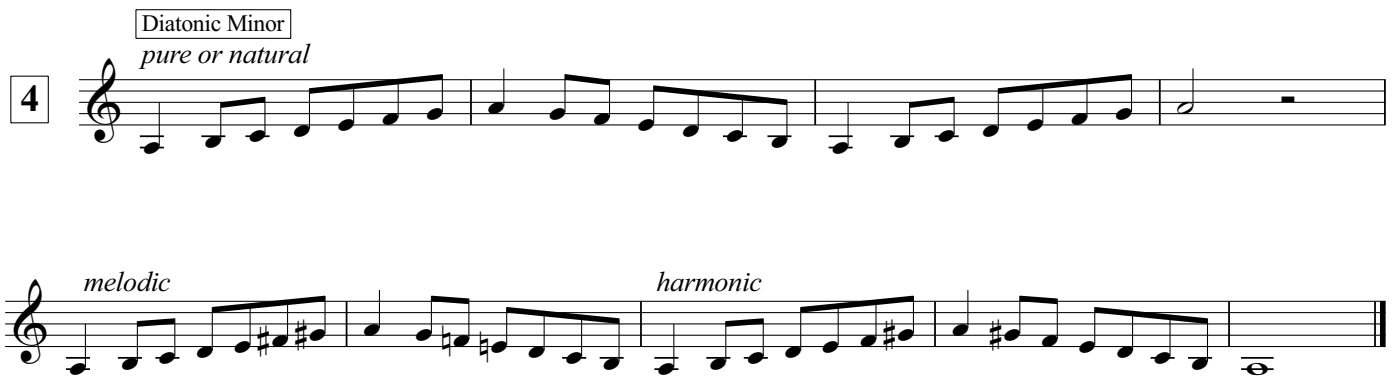


3 Chromatic



4 Diatonic Minor
pure or natural

melodic *harmonic*



5 Octatonic (minor)



Musical notation for the Octatonic (minor) scale, starting on C4. The scale consists of eight notes: C, Bb, B, C#, D, Eb, E, F. The notation is written on a single staff in treble clef, showing the ascending and descending sequences.

6 Whole-tone



Musical notation for the Whole-tone scale, starting on C4. The scale consists of six notes: C, D, E, F#, G#, A#. The notation is written on a single staff in treble clef, showing the ascending and descending sequences.

7 Major Pentatonic



Musical notation for the Major Pentatonic scale, starting on C4. The scale consists of five notes: C, D, E, G, A. The notation is written on a single staff in treble clef, showing the ascending and descending sequences.

8 Minor Pentatonic



Musical notation for the Minor Pentatonic scale, starting on C4. The scale consists of five notes: C, Eb, F, G, Ab. The notation is written on a single staff in treble clef, showing the ascending and descending sequences.

9 Blues



Musical notation for the Blues scale, starting on C4. The scale consists of seven notes: C, Eb, E, F, G, Ab. The notation is written on a single staff in treble clef, showing the ascending and descending sequences.

10 Dorian



Musical notation for the Dorian scale, starting on C4. The scale consists of seven notes: C, D, Eb, F, G, A, Bb. The notation is written on a single staff in treble clef, showing the ascending and descending sequences.

11 Phrygian



Musical notation for the Phrygian scale, starting on C4. The scale consists of seven notes: C, Eb, E, F, G, Ab, Bb. The notation is written on a single staff in treble clef, showing the ascending and descending sequences.

12 Lydian



Musical notation for the Lydian scale, starting on C4. The scale consists of seven notes: C, D, E, F#, G, A, B. The notation is written on a single staff in treble clef, showing the ascending and descending sequences.

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1 Diatonic Major

Exercise 1: Diatonic Major scale in B-flat major, 4/4 time. The first staff shows the ascending scale, and the second staff shows the descending scale.

2

Exercise 2: Diatonic Major scale in B-flat major, 4/4 time. The first staff shows the ascending scale with eighth notes, and the second staff shows the descending scale with eighth notes.

3 Chromatic

Exercise 3: Chromatic scale in B-flat major, 4/4 time. The first staff shows the ascending scale with triplets, and the second staff shows the descending scale with triplets.

4 Diatonic Minor
pure or natural

Exercise 4: Diatonic Minor scale in B-flat major, 4/4 time. The first staff shows the ascending scale, and the second staff shows the descending scale with "melodic" and "harmonic" markings.

5 Octatonic (minor)

5

Musical notation for the Octatonic (minor) scale in B-flat major, measures 5-8. The scale consists of eight notes: B-flat, C, D-flat, E-flat, F, G, A-flat, and B-flat. The notation is in treble clef with a key signature of two flats.

6 Whole-tone

6

Musical notation for the Whole-tone scale in B-flat major, measures 9-12. The scale consists of six notes: B-flat, C, D-flat, E-flat, F, and G. The notation is in treble clef with a key signature of two flats.

7 Major Pentatonic

7

Musical notation for the Major Pentatonic scale in B-flat major, measures 13-16. The scale consists of five notes: B-flat, C, D-flat, F, and G. The notation is in treble clef with a key signature of two flats.

8 Minor Pentatonic

8

Musical notation for the Minor Pentatonic scale in B-flat major, measures 17-20. The scale consists of five notes: B-flat, C, D-flat, E-flat, and F. The notation is in treble clef with a key signature of two flats.

9 Blues

9

Musical notation for the Blues scale in B-flat major, measures 21-24. The scale consists of seven notes: B-flat, C, D-flat, E-flat, F, G, and A-flat. The notation is in treble clef with a key signature of two flats.

10 Dorian

10

Musical notation for the Dorian mode in B-flat major, measures 25-28. The scale consists of seven notes: B-flat, C, D-flat, E-flat, F, G, and A-flat. The notation is in treble clef with a key signature of two flats.

11 Phrygian

11

Musical notation for the Phrygian mode in B-flat major, measures 29-32. The scale consists of seven notes: B-flat, C, D-flat, E-flat, F, G, and A-flat. The notation is in treble clef with a key signature of two flats.

12 Lydian

12

Musical notation for the Lydian mode in B-flat major, measures 33-36. The scale consists of seven notes: B-flat, C, D-flat, E-flat, F, G, and A-flat. The notation is in treble clef with a key signature of two flats.

5 Octatonic (minor)



Musical notation for the Octatonic (minor) scale, starting on G4. The scale consists of eight notes: G, A, Bb, C, D, Eb, F, G. The notation is written on a single staff in treble clef with a key signature of one flat (Bb).

6 Whole-tone



Musical notation for the Whole-tone scale, starting on G4. The scale consists of six notes: G, A, B, C, D, E. The notation is written on a single staff in treble clef with a key signature of one flat (Bb).

7 Major Pentatonic



Musical notation for the Major Pentatonic scale, starting on G4. The scale consists of five notes: G, A, B, D, E. The notation is written on a single staff in treble clef with a key signature of one flat (Bb).

8 Minor Pentatonic



Musical notation for the Minor Pentatonic scale, starting on G4. The scale consists of five notes: G, Bb, C, D, Eb. The notation is written on a single staff in treble clef with a key signature of one flat (Bb).

9 Blues



Musical notation for the Blues scale, starting on G4. The scale consists of seven notes: G, Ab, Bb, C, D, Eb, F. The notation is written on a single staff in treble clef with a key signature of one flat (Bb).

10 Dorian



Musical notation for the Dorian scale, starting on G4. The scale consists of seven notes: G, Ab, Bb, C, D, E, F. The notation is written on a single staff in treble clef with a key signature of one flat (Bb).

11 Phrygian



Musical notation for the Phrygian scale, starting on G4. The scale consists of seven notes: G, Ab, Bb, C, D, Eb, F. The notation is written on a single staff in treble clef with a key signature of one flat (Bb).

12 Lydian



Musical notation for the Lydian scale, starting on G4. The scale consists of seven notes: G, A, B, C#, D, E, F. The notation is written on a single staff in treble clef with a key signature of one flat (Bb).

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Diatonic Major

1

Exercise 1: Diatonic Major scale in C major, 4/4 time. The first staff shows the scale in two directions: ascending and descending. The second staff shows the scale in two directions: ascending and descending, with a final whole note C.

2

Exercise 2: Diatonic Major scale in C major, 4/4 time. The first staff shows the scale in two directions: ascending and descending. The second staff shows the scale in two directions: ascending and descending, with a final whole note C.

Chromatic

3

Exercise 3: Chromatic scale in C major, 4/4 time. The first staff shows the scale in two directions: ascending and descending, with triplets. The second staff shows the scale in two directions: ascending and descending, with triplets.

Diatonic Minor

pure or natural

4

Exercise 4: Diatonic Minor scale in C minor, 4/4 time. The first staff shows the scale in two directions: ascending and descending. The second staff shows the scale in two directions: ascending and descending, with a final whole note C. The second staff is labeled "melodic" and "harmonic".

5 **Octatonic (minor)**



6 **Whole-tone**



7 **Major Pentatonic**



8 **Minor Pentatonic**



9 **Blues**



10 **Dorian**



11 **Phrygian**



12 **Lydian**



Tuba

Scale Studies

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Diatonic Major

1

Exercise 1: Diatonic Major scale in bass clef, 4/4 time. The first staff shows the scale in two directions: ascending and descending. The second staff shows the scale in two directions with slurs and a final double bar line.

2

Exercise 2: Diatonic Major scale in bass clef, 4/4 time. The first staff shows the scale in two directions with slurs. The second staff shows the scale in two directions with slurs and a final double bar line.

Chromatic

3

Exercise 3: Chromatic scale in bass clef, 4/4 time. The first staff shows the scale in two directions with slurs and triplet markings. The second staff shows the scale in two directions with slurs and triplet markings.

Diatonic Minor

pure or natural

4

Exercise 4: Diatonic Minor scale in bass clef, 4/4 time. The first staff shows the scale in two directions. The second staff shows the scale in two directions with slurs and a final double bar line.

melodic *harmonic*

Octatonic (minor)



Whole-tone



Major Pentatonic



Minor Pentatonic



Blues



Dorian



Phrygian



Lydian

