

Contents

Vol. 1

Training • Practicing and Sight-Reading • Basic Orchestral Technique • Bowing Technique and Sound Production

List of Illustrations.....	xiv
List of Tables.....	xiv
Preface.....	xv
Acknowledgments	xviii
References, Abbreviations, Symbols	xix
References to Resources xix • References to Compositions and Musical Examples xix • Acronyms xix • Pitches and Octave Ranges xix • Handwritten Markings xix	
Musical Examples	xx
Bow Points for Bow-Division Markings (—).....	xxii

1 Training as an Orchestral Violinist: History, Challenges, Concepts

1.1 The Eighteenth and Nineteenth Centuries	1
1.2 The Twentieth Century	3
Modern Improved Teaching Methods 3 • Conservatory Programs Designed Specifically for Aspiring Orchestral Musicians 4 • Ensembles Outside the Conservatories 4 • Orchestral Excerpt Books 4 • Literature 4 • Audio and Video Recordings 4	
1.3 The Dilemma of the Aspiring Orchestral Violinist.....	5
1.4 A Comprehensive System for the Twenty-First Century.....	5
A Solution to the Dilemma 5 • The Five-Step Plan for Task Mastery 6 • G oals 7 • I nformation 9 • A sessment 9 • P lanning 9 • Performing Your S trategy 10	

2 The Orchestral Mode

2.1 The Nine Principles of the Orchestral Mode.....	11
OM1 Orchestral Responsibility 11 • OM2 Adapting 12 • OM3 The Eighty-Twenty Focus 13 • OM4 Wide Range of Resources 13 • OM5 Push-Button Technique 13 • OM6 Endurance and Physical Ease 14 • OM7 Accuracy 14 • OM8 Efficiency 14 • OM9 Prioritizing 14	
2.2 Developing Your Orchestral-Mode Skills	14

3 Learning, Practicing, and Sight-Reading

3.1 Learning How to Learn	16
3.2 The Learning Process	17

3.3	Getting Ready: "What I nformation, Materials, Resources, and Tools Do I Need?"	20
	Specific Information and Resources 20 • General Information, Materials, Resources, and Tools 20	
3.4	"How Should This Piece Sound?" • Fixed, Objective Performance Goals (G1 - G8)	20
	G1 Checking the Accuracy of the Part 21 • G2 Decoding All Notational Symbols 21 • G3 Decoding Foreign-Language Terms, Expressions, and Abbreviations 25 • G4 Decoding Bowings and Other Hand-written Technical Markings 25 • G5 Interpreting the Score According to the Appropriate Performance Practice 25 • G6 Accurate Performance of the Score 27 • G7 Establishing Goals for Technical Precision and Determining the Appropriate Technical Performance 27 • G8 The Three Steps of Audiation 27 • The Four Layers of Audiation 28 • Listening to Recordings 28	
3.5	Flexible, Situational Performance G oals • Preparing for the Orchestral Mode (G9 - G14)	37
3.6	A ssessing and Self-Monitoring Your Practicing	39
3.7	P lanning and Organizing	39
3.8	S trategies for M ental Practice	40
3.9	S trategies for P hysical Practice	40
	Types of Physical Practicing 40 • Basic Strategies 41 • Pitch Layer 42 • Rhythm 45 • Coordination, Facility, Speed 45 • Dynamics, Articulation, Sound Quality, Color, and Expression 49	
3.10	"The Road to Excellence" • M ental O ptimization of Practicing and Performance	51
	Coping with Musical-Performance Anxiety (MPA) 51 • Positive Thoughts and Imagery 51 • Motivation and Attitude 52	
3.11	Special Types of Learning (I): "Is It Really Possible to Play This Passage?"	
	Prioritizing and Educated Faking	52
	(A) Passages That Must Be Played Perfectly 52 • (B) Passages That Are Impossible at a Fast Speed 53 • (C) Passages Where Precision is Desirable 53 • (D) Passages Where Perfect Precision is Not Intended 54 • (E) Technically Impossible Passages 55	
3.12	Special Types of Learning (II): Learning Repertoire with a Time Limit and Sight-Reading	55

4 Basic Orchestral Technique: Principles, Routines, and Maintenance

4.1	Basic, Advanced, and Individual Technique.....	57
4.2	Principles for Daily Technical Routines.....	59
4.3	Bow Pressure, Bow Speed, Soundpoint.....	59
4.4	Routines for Practicing Various Bow Strokes	60
4.5	Patterns for Bowing across Strings.....	61
4.6	Coordination, Left-Hand Facility, and Left-Hand Articulation	62
4.7	Shifting Technique.....	62
4.8	Shifting Routines.....	65
4.9	Silent Shifts to High Pitches	69
4.10	Diatonic Scale Patterns	70
4.11	Chromatic Scale Patterns.....	72
4.12	Chordal Arpeggiations (Broken Chords).....	73
4.13	Double Stops and Chords	75
4.14	Physical Fitness, Ease, Endurance, and Use of Energy	75
	Exercises for Physical Fitness 75 • Holistic Concepts of Physical Energy 76 • Warm-Ups and Breaks 76 • Violin and Bow 76 • Chairs and Music Stands 77 • Posture and Playing Position 77 • Avoiding Tense, Wasteful, or Counterproductive Motions 77 • Channeling and Pacing Your Energy 77 • Optimizing Individual Technical Components and Playing Modes 78 • Introducing a Flexible Quality 78	

5 Bowing Technique, Sound Production, Coordination

5.1	The Basic Orchestral String Sound	79
	Blending and Adapting 79 • The Tools: Violin, Bow, Strings 80 • Never Playing Too Loudly 80 • Avoiding Excessive Bow Pressure 80 • Complementary Timbres 82	
5.2	Controlling and Adapting the Elements of Bowing	83
	Control of Dynamics 83 • Timbres That Are Typical for Certain Compositional Styles 84 • The Conductor's Conception 86 • Section Size and Acoustics 86 • Regional Traditions 86	
5.3	Bow Division	87
	Awareness of Uniform Bow Division 87 • Bow Length 87 • Which Part of the Bow? 88 • Starting Points 88 • Unbalanced Stroke Durations 89 • Changing Starting Points 92 • Counteracting the Natural Qualities of Downbow and Upbow 92	
5.4	The Challenges of Orchestral Articulation	92
	Performing in a Large Hall 92 • The Nature of Sectional Sound 93 • Matching the Articulation of the Woodwinds and Brass 94 • Register and Character 94	
5.5	Articulation and Emphases: Technical Control.....	94
	Equalizing Downbow and Upbow 94 • Onsets and Accents 96 • Stretching the Scope of Your Articulation 97 • How to End a Note 98 • Finger Exchange 99	
5.6	Vibrato	100
	Basic Motion 100 • Basic Orchestral Vibrato 100 • On and Off 100 • Continuous, Completely Uniform Vibrato 100 • Speed and Amplitude 102 • Register 102 • Compositional Styles 102 • Shape and Changing Expression of Each Phrase 102 • The Conductor's Interpretation 102 • Acoustics and Playing Style of the Section 103 • Endurance 103	
5.7	Very Soft Sustained Notes, Melodies, and Onsets.....	103
	Soft Sustained Notes 103 • Very Soft Melodies 104 • Very Soft Onsets 106	
5.8	Basic Bow Strokes: A Systematic Description	106
	(1) Simple Legato 106 • (2) Articulated Legato 106 • (3) Inflected Legato 106 • (4) Smooth <i>Détaché</i> 106 • (5) Tremolo 106 • (6) Inflected <i>Détaché</i> 106 • (7) Bow-Speed <i>Détaché</i> 106 • (8) <i>Marcato-Tenuto Détaché</i> 107 • (9) Articulated <i>Détaché</i> 107 • (10) <i>Martelé</i> 107 • (11) Lifted <i>Détaché</i> 107 • (12) <i>Fouetté</i> 107 • (13) Lifted <i>Marcato Détaché</i> 107 • (14) <i>Collé</i> 107 • (15) <i>Sautillé</i> 107 • (16) Brush Stroke 107 • (17) Tapping <i>Spiccato</i> 108 • (18) Bow-Speed <i>Spiccato</i> 108 • (19) <i>Collé Spiccato</i> 108 • (20) <i>Portato</i> 108 • (21) Linked <i>Staccato</i> 108 • (22) <i>Ricochet</i> 108 • (23) Flying <i>Staccato</i> 108	
5.9	Long Simple Legato (More Than Four Notes)	108
	Slow, Loud, Expressive Legato 108 • Slow, Soft, Expressive Legato 108 • Fast, Loud Legato 110 • Fast, Soft Legato 110 • Dotted Legato 112	
5.10	Short Legato (Two to Four Notes).....	112
	Two to Four Fast Legato Notes without Repeated Pitches 112 • Dotted Legato 114 • Fast Two-Note Legato with Repeated Pitches 114 • Two-Note Dotted Legato with Repeated Pitches 116 • Articulated Legato 116 • Inflected Legato 118	
5.11	Grace-Note Figures	118
	Chains of Single Grace-Note Figures 118 • Individual Grace Notes 122	
5.12	Separate Bow Strokes on-the-String (<i>Détaché, Martelé</i>)	123
5.13	Linked Strokes on-the-String (<i>Portato</i>)	126
5.14	Lifted Strokes	128
5.15	<i>Spiccato</i>	130
5.16	<i>Sautillé</i>	135
5.17	Repetitions of Pitches	139
5.18	Tremolo.....	147

5.19 "All Down" • Consecutive Downbows with Retakes	151
5.20 "All Up" • Consecutive Upbows off-the-String—Linked or with Retakes	153
5.21 <i>Ricochet</i>	157
5.22 Mixing Different Note Values and Articulations (I): Consistent Bow Direction	161
5.23 Mixing Different Note Values and Articulations (II): Bow-Direction Changes	166
5.24 Short–Long (Dotted Rhythms)	170
5.25 "Siciliano" Rhythm 	177
5.26 Composite Bowing Patterns (I): Simple Legato Plus One Lifted Note	179
5.27 Composite Bowing Patterns (II): Articulated Legato Plus One, Three, or Five Separate Notes	184
5.28 Composite Bowing Patterns (III): Legato Plus Two, Four, or Six Separate Notes	191
5.29 Composite Bowing Patterns (IV): Complex Patterns	198
5.30 Bowing across Strings	201
5.31 Double Stops and Chords	210
5.32 Special Bowing Techniques: <i>Tasto</i> , <i>Ponticello</i> , <i>Col Legno</i>	212
5.33 Complex and Challenging Dynamics	215
5.34 "Good" and "Bad" Bowings	481
Criteria and Priorities  481 • Procedures for Bowing Parts  483 • "Fixed Points"  483 • Filling the Gaps  486 • Structure and Phrasing  486 • Articulation  487 • Splitting Sustained Pedal Tones and Long Slurs  488 • Removing, Extending, or Adding Slurs  488 • Linking Bowed-Out Notes and Patterns  490 • Choosing between Alternatives  491 • No-Win Situations  492	

Vol. 2

Left-Hand Technique • Pizzicato and Other Special Techniques • Rhythm and Ensemble Playing • Notation and Performance Practice • Repertoire and Style • Profession and Career • Resources

6 Left-Hand Technique

6.1 Toward a System of Orchestral Intonation.....	219
Consistency 219 • Matching Open Strings 220 • Pure Perfect Intervals 220 • Other Intervals 220 • Differences between Intonation Systems 221 • Matching and Adapting 222 • Not Playing Too Sharp 222 • Well-Tempered Half Steps 222	
6.2 Fingerings.....	224
Standard Modern Principles 224 • Considerations of Orchestral Timbre 226 • Secure and Reliable Fingerings 227 • Sight-Reading and Fast Learning 228 • Developing a Personal System of Fingering 229 • Developing a Routine 229	
6.3 Diatonic Motion.....	229
6.4 Chromatic Motion	233
6.5 Partially Chromatic Motion.....	237
6.6 Chordal Arpeggiations (Broken Chords).....	240
6.7 "Scale-Chord-Plus" (Framework of Scale Segments and Broken Chords)	244
6.8 High Passages on the G String	249
6.9 Leaps and Silent Shifts to High Pitches	251
6.10 High Passages Across the A String and E String	253

9.13	Ornaments (III): Inverted Mordents and Trills	380
	Inverted Mordent 380 • Pitch of the Trilled Note 381 • Speed and Length of the Trill 381 • Trill Beginnings 382 • Trill Endings 383 • Adding Turns 384 • Interpreting the Trill Sign and Other Universal Ornamental Signs 385	
9.14	Articulation and Bowings: Development and Styles.....	386
	The Development of the Bow 386 • The Baroque Bow and Baroque Bowing Technique and Style 386 • Transitional Bow Types 387 • The Tourte Bow and 19th-Century Bowing Technique and Style 387 • 20th-Century Bowing Technique and Style 388 • Historically Informed Performance (HIP) 389 • Notational Developments 390	
9.15	Articulation and Bowings: Signs and Terms	391
	Notes without Articulation Signs or Terms 391 • Slurs Serving as Articulation Signs and Bow Markings (Type A) 393 • Technical Slurs (Type B) 395 • Slurs Serving as Articulation or Phrase Markings (Type C) 395 • <i>Divisi</i> , Staggered, and Free Bowings 395 • Dot, Stroke, or Wedge Added to the End of a Slur 396 • Linked Bowings 396 • Articulation Signs Added to the First Note of a Slur 397 • Slurs over Notes with the Same Pitch 398 • Several Dots under a Slur 399 • Articulation Stroke and Dot 400 • Wedge and Dash 401 • Terms for Articulation and Bow Strokes 402 • Printed Bowings 403 • Handwritten Bow Markings 403	
9.16	Emphases and Accents.....	404
	Accent Sign (>) 404 • <i>sf</i> , <i>sfz</i> , <i>fz</i> , <i>f</i> 405 • <i>fp</i> 405 • <i>rinf.</i> , <i>rfz</i> , <i>rf</i> 406 • Hat Symbol (^) 406 • Recent Accent Signs 406	
9.17	Decoding and Clarifying Printed Dynamics	407
	Flowery Terms and Terms Based on Quantitative or Comparative Attributes 407 • Dynamic Levels on Either Side of a <i>Crescendo</i> or <i>Diminuendo</i> 409	
9.18	Dynamic Reminders and Warnings	411
	Playing Too Loudly 411 • Playing Too Softly 412 • Surprising Dynamics 412 • Gradual Changes 413 • The Mid-Range of the Dynamic Scale 414 • Instructions in Negative Form 414 • Surprising Dynamic Events 414	
9.19	Adjustments of Dynamics	414
	Acoustic Conditions 414 • Juxtaposition of Different Registers and Playing Modes 414 • Dynamic Processes That Are Too Slight or Too Long 416 • Musical Importance of the Individual Parts 416 • Extreme Dynamics 417 • Modifications 417	
9.20	Phrasing and Micro-Dynamics.....	418
	Succession of Stressed and Unstressed Notes in the Baroque 418 • Moving Away from a Perfunctory Scheme of Stressed and Unstressed Notes 419 • Analyzing the Phrase Construction 421	
9.21	Expanded Modes of Playing	422
	Mute Instructions 422 • Mute Types 423 • <i>Col legno</i> 424 • <i>Ponticello</i> and <i>Tasto</i> 424 • <i>Pizzicato</i> 425 • Printed Fingerings and Instructions to Use Specific Strings 427 • Non-Standard Playing Techniques and Playing Modes 428	
9.22	Timbre, Character, Expression, Vibrato	428
	Terms and Phrases Describing Character and Expression 428 • Orchestral Vibrato: Clichés, Myths, and Half-Truths 429	
9.23	"Which Part Should I Play?" • Strategies for Dividing the Violins	493
	Section Size 493 • Non-Standard Section Divisions and Stage Music 493 • <i>Solo</i> , <i>Soli</i> , <i>Tutti</i> 494 • The Notation of <i>Divisi</i> Passages 494 • Marking <i>Divisi</i> Passages 496 • To Divide or Not to Divide? 499 • Assigning Two <i>Divisi</i> Parts 500 • Assigning Three or More <i>Divisi</i> Parts 501 • Reading and Performing <i>Divisi</i> Passages 502 • Alternating <i>Divisi</i> 502 • Complementary <i>Divisi</i> 504	
9.24	"Is My Part Accurate?" • Misprints, Mistakes, Inconsistencies, "Improvements"	505
	Discrepancies between Score and Parts 505 • First Editions 507 • Mistakes in the Full Score 507 • Critical or <i>Urtext</i> Editions 507 • Vertical Inconsistencies 509 • Horizontal Inconsistencies 509 • Oblique Inconsistencies 510 • Inconsistencies Motivated by Limited Playing Technique 512 • Performance Philosophies, Performance Traditions, "Improvements" 512	

8.12 Ensemble Playing and Rhythmic Modes	320
A Complex Web of Factors 320 • Personal Temperament 320 • An Orchestra's "Time-Zone" 320 • Technical Control 320 • Seating Arrangements and Acoustics 321 • Phrasing and Pacing 322 • Articulation 322 • Rhythmic Modes 323	

9 Decoding and Marking Orchestral Parts: A Manual of Orchestral Notation and Performance Practice

9.1 How to Mark Your Part: General Guidelines and Models	327
9.2 "How Can I Be Expected to Read This?" • Handwritten, Barely Legible, and Illegible Parts.....	329
9.3 "Where Are We?" • Points of Orientation.....	330
Measure Numbers 330 • Rehearsal Numbers and Rehearsal Letters 330 • Musical Form 330 • Text Cues 330 • Vocal Cues 331 • Instrumental Cues 331 • Adding Cues 332	
9.4 "Where Do I Go Now?" • Repeats, Jumps, Cuts	333
Repeats and Endings 333 • To Repeat or Not to Repeat? 334 • <i>Da capo</i> and <i>dal segno</i> 334 • Cuts and Jumps 335	
9.5 End of Staff, End of Page, Page Turns	336
Adding Warnings 336 • Awkward or Impossible Page Turns 336	
9.6 Rhythm, Tempo, Pacing: Printed Symbols and Instructions	339
Note Values 339 • Rests 339 • Fermatas, "Railroad Tracks," Commas, Caesuras 340 • Meters 341 • Meter Changes, Tempo Relationships between Consecutive Sections, Metric Modulation 343 • The Tempo Grid 344 • Tempo Expressions 344 • Metronome Markings 345	
9.7 Rhythm, Tempo, Pacing: Handwritten Markings	346
Lines, Triangles, Brackets 346 • "Empty," "Full," and "Quiet" Rests 348 • Caesuras and Fermatas 348 • Rhythmic Cues and Rhythmic Modifications 350 • Tempo Changes and <i>Rubati</i> 352 • The Conductor's Beating Pattern 352	
9.8 Repeated Material, Abbreviated Notation, Tremolo	353
Repetition of One-Beat Figures or Entire Measures 353 • Measured Pitch Repetition and Tremolo 354 • Measured Pitch Repetition or Tremolo? 354 • Speed of the Tremolo 356 • Accented Notes and Longer Note Values in Tremolo or Repetition Passages 356 • End of a Tremolo 356 • Modifications 357 • Measured Two-Pitch Alternation and Two-Pitch Slurred Tremolo 358	
9.9 Accidentals and Pitches.....	360
Conventions for Accidentals 360 • Courtesy Accidentals and Other Markings to Avoid Oversights 361 • Octave Transposition 362 • <i>Glissando</i> and <i>Portamento</i> 363 • Adding <i>Portamenti</i> ? 365 • Expanded Pitch Repertoire (<i>Scordatura</i> and Quarter Tones) 365	
9.10 Harmonics.....	366
Simple, High-Position Natural Harmonics 366 • Simple, Low-Position Natural Harmonics 366 • Simple, Mid-Range Natural Harmonics 367 • Artificial Harmonics 368 • Decoding and Performing Harmonics 369	
9.11 Ornaments (I): Grace Notes and Appoggiaturas.....	370
Lack of Congruence between Symbol and Execution 370 • Grace Notes Versus Appoggiaturas 371 • Multiple Grace Notes or "Little Notes" 374	
9.12 Ornaments (II): <i>Doppelschläge</i>	375
Type A <i>Doppelschlag</i> 375 • Type B <i>Doppelschlag</i> 376 • Type C <i>Doppelschlag</i> 377 • Type D <i>Doppelschlag</i> 378 • Type E <i>Doppelschlag</i> 378 • Type F <i>Doppelschlag</i> 378 • Type G <i>Doppelschlag</i> 378 • Type H <i>Doppelschlag</i> 378 • Adding Accidentals 379	

9.13	Ornaments (III): Inverted Mordents and Trills	380
	Inverted Mordent 380 • Pitch of the Trilled Note 381 • Speed and Length of the Trill 381 • Trill Beginnings 382 • Trill Endings 383 • Adding Turns 384 • Interpreting the Trill Sign and Other Universal Ornamental Signs 385	
9.14	Articulation and Bowings: Development and Styles.....	386
	The Development of the Bow 386 • The Baroque Bow and Baroque Bowing Technique and Style 386 • Transitional Bow Types 387 • The Tourte Bow and 19th-Century Bowing Technique and Style 387 • 20th-Century Bowing Technique and Style 388 • Historically Informed Performance (HIP) 389 • Notational Developments 390	
9.15	Articulation and Bowings: Signs and Terms	391
	Notes without Articulation Signs or Terms 391 • Slurs Serving as Articulation Signs and Bow Markings (Type A) 393 • Technical Slurs (Type B) 395 • Slurs Serving as Articulation or Phrase Markings (Type C) 395 • <i>Divisi</i> , Staggered, and Free Bowings 395 • Dot, Stroke, or Wedge Added to the End of a Slur 396 • Linked Bowings 396 • Articulation Signs Added to the First Note of a Slur 397 • Slurs over Notes with the Same Pitch 398 • Several Dots under a Slur 399 • Articulation Stroke and Dot 400 • Wedge and Dash 401 • Terms for Articulation and Bow Strokes 402 • Printed Bowings 403 • Handwritten Bow Markings 403	
9.16	Emphases and Accents.....	404
	Accent Sign (>) 404 • <i>sf</i> , <i>sfz</i> , <i>fz</i> , <i>f</i> 405 • <i>fp</i> 405 • <i>rinf.</i> , <i>rfz</i> , <i>rf</i> 406 • Hat Symbol (^) 406 • Recent Accent Signs 406	
9.17	Decoding and Clarifying Printed Dynamics	407
	Flowery Terms and Terms Based on Quantitative or Comparative Attributes 407 • Dynamic Levels on Either Side of a <i>Crescendo</i> or <i>Diminuendo</i> 409	
9.18	Dynamic Reminders and Warnings	411
	Playing Too Loudly 411 • Playing Too Softly 412 • Surprising Dynamics 412 • Gradual Changes 413 • The Mid-Range of the Dynamic Scale 414 • Instructions in Negative Form 414 • Surprising Dynamic Events 414	
9.19	Adjustments of Dynamics	414
	Acoustic Conditions 414 • Juxtaposition of Different Registers and Playing Modes 414 • Dynamic Processes That Are Too Slight or Too Long 416 • Musical Importance of the Individual Parts 416 • Extreme Dynamics 417 • Modifications 417	
9.20	Phrasing and Micro-Dynamics.....	418
	Succession of Stressed and Unstressed Notes in the Baroque 418 • Moving Away from a Perfunctory Scheme of Stressed and Unstressed Notes 419 • Analyzing the Phrase Construction 421	
9.21	Expanded Modes of Playing	422
	Mute Instructions 422 • Mute Types 423 • <i>Col legno</i> 424 • <i>Ponticello</i> and <i>Tasto</i> 424 • <i>Pizzicato</i> 425 • Printed Fingerings and Instructions to Use Specific Strings 427 • Non-Standard Playing Techniques and Playing Modes 428	
9.22	Timbre, Character, Expression, Vibrato	428
	Terms and Phrases Describing Character and Expression 428 • Orchestral Vibrato: Clichés, Myths, and Half-Truths 429	
9.23	"Which Part Should I Play?" • Strategies for Dividing the Violins	493
	Section Size 493 • Non-Standard Section Divisions and Stage Music 493 • <i>Solo</i> , <i>Soli</i> , <i>Tutti</i> 494 • The Notation of <i>Divisi</i> Passages 494 • Marking <i>Divisi</i> Passages 496 • To Divide or Not to Divide? 499 • Assigning Two <i>Divisi</i> Parts 500 • Assigning Three or More <i>Divisi</i> Parts 501 • Reading and Performing <i>Divisi</i> Passages 502 • Alternating <i>Divisi</i> 502 • Complementary <i>Divisi</i> 504	
9.24	"Is My Part Accurate?" • Misprints, Mistakes, Inconsistencies, "Improvements"	505
	Discrepancies between Score and Parts 505 • First Editions 507 • Mistakes in the Full Score 507 • Critical or <i>Urtext</i> Editions 507 • Vertical Inconsistencies 509 • Horizontal Inconsistencies 509 • Oblique Inconsistencies 510 • Inconsistencies Motivated by Limited Playing Technique 512 • Performance Philosophies, Performance Traditions, "Improvements" 512	

10 Repertoire and Style

10.1	Selecting a Core Repertoire for Study and Practice: Goals and Criteria.....	(433) 515
	Musical and Technical Benefits and Relevance to the Style Grid 515 • Frequency of Performance 526 •	
	Inclusion in Lists of Audition Repertoire 527	
10.2	Building Your Core Repertoire and Style Grid	528
10.3	Individual Styles of Orchestral String Writing and Their Challenges: A Brief Historical Survey.....	530
	Baroque 530 • Viennese Classicism 530 • The 19th Century 530 • The 20th Century 531 •	
	Musicals, Film Scores, "Pops" Pieces, and Commercial Music 532 • Second-Violin Parts 532	

11 Profession and Career

11.1	Planning an Orchestral Career	434
11.2	Making a Career Decision: "Is This Profession Right for Me? Am I Right for This Profession?"	435
	Love of Orchestral Music 435 • Working in an Ensemble 435 • Personality Traits 435	
11.3	Career Goals (I): "Which Orchestra is Right for Me?"	436
11.4	Career Goals (II): The Concertmaster	437
	Artistic Responsibility 437 • Personal Qualities 437 • Preparing <i>Tutti</i> Passages 437 • Preparing Solos 438 •	
	Leading 439 • Solo Concertos 440 • Marking Parts 440	
11.5	Career Goals (III) • Other Principal Positions and Sectional Positions	441
	Leading Positions in the First-Violin Section 441 • Leading Positions in the Second-Violin Section 441 •	
	Section Players 441 • First Violinists 441 • Second Violinists 442	
11.6	Auditioning.....	442
	(1) Setting Your Goals 442 • (2) Gathering Information 442 • (3) Planning 442 • (4) Gathering Application Materials 442 • (5) Supplementary Training and Professional Experience 443 • (6) Choosing and Preparing a Mozart Concerto 443 • (7) Choosing and Preparing Other Solo Repertoire 443 • (8) Preparing Orchestral Excerpts 443 • (9) Sight-Reading 444 • (10) Preparing for Other Audition Tests 445 •	
	(11) Practicing the Audition Process 445 • (12) Coping with Performance Anxiety 445 • (13) Taking the Audition 445 • (14) Coping with Post-Audition Stress 445	
11.7	Working in an Orchestra	446
	Rehearsals 446 • Performances, Recordings, Tours, Educational Programs 447 • The Perfect Conductor 447 •	
	Complementing the Conductor 448 • Cordiality within a Section 449 • Unsatisfactory Work Conditions 450	
11.8	Long-Term Work in an Orchestra.....	450
	After Several Years of Orchestral Work 450 • Performance Anxiety 451 • Preventing and Coping with Health Problems (Hearing Loss) 451 • Deteriorating Technique and Musicianship 451 • Identity Issues 451 •	
	Lack of Recognition 452 • Unrewarding Music 452 • Lack of Perfection, Growth, Creativity, Self-Expression, Self-Fulfillment, and Self-Determination 453	

12 Resources

12.1	Websites.....	550
	(A) Lists of Links 550 • (B) Orchestras and Associations of Orchestras 550 • (C) Unions, Musicians' Associations, Internet Forums 550 • (D) Orchestra Vacancies and Freelance Work 551 • (E) Medicine for the Performing Arts, Health and Science, and Holistic Practices 551 • (F) Other Issues of Orchestral Work 552 • (G) Violin Playing and Teaching 552 • (H) Publishers of Sheet Music and Music Books 552 •	
	(I) Other Useful Websites 555	
12.2	How to Locate and Obtain Scores, Books, Articles, and Other Materials.....	556
12.3	"Why Shouldn't I Download or Copy This Item?" • A Crash Course in Copyright Law.....	557
12.4	Recommended Resources • An Orchestral Violinist's Library.....	558
12.5	Orchestral Music: Complete, Unmarked Parts and Scores	563
	(A) Critical (<i>Urtext</i>) Editions 563 • (B) First Editions 564 • (C) Reprints 564	

12.6 Collections and Individual Editions of Orchestral Excerpts: A Systematic Overview	565
12.7 Orchestral Excerpts, Marked Orchestral Parts, Studies, and Methods	567
12.8 Printed and On-Line Periodicals	585
12.9 Books and Articles, CD-ROM Documents, eBooks, Web Documents	586
12.10 Audio Recordings and Video Recordings	614
12.11 Computer Software	615
12.12 Equipment	615
13 Index (1) and Glossary: Terms, Abbreviations, Symbols	454
14 Index (2): Compositions, Composers, Other Musicians	466