

CONTENTS

Preface vii

Acknowledgments ix

CHAPTER 1 THE EVOLUTION OF THE HUMAN RUNNER 1

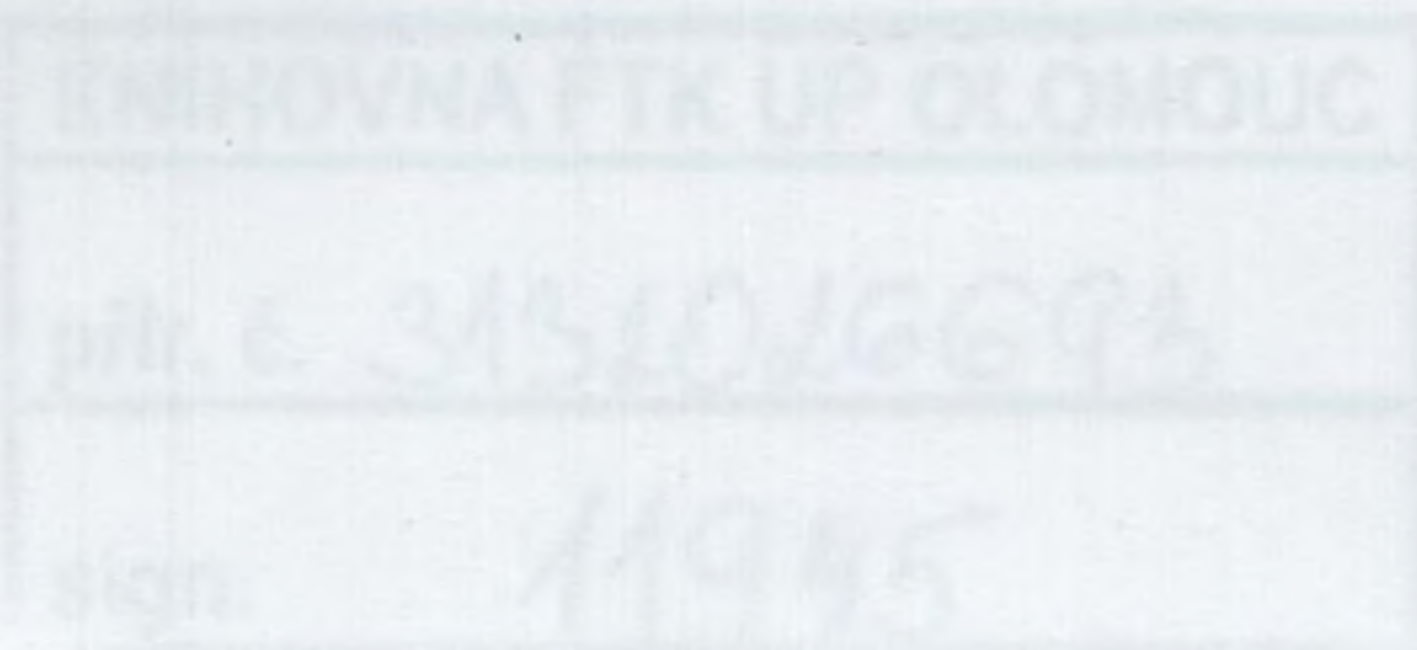
CHAPTER 2 CARDIOVASCULAR AND CARDIORESPIRATORY COMPONENTS 11

CHAPTER 3 THE RUNNER IN MOTION 19

CHAPTER 4 ADAPTATIONS FOR SPEED AND TERRAIN 27

CHAPTER 5 UPPER TORSO 35

CHAPTER 6 ARMS AND SHOULDERS 57



CHAPTER 7 CORE 75

CHAPTER 8 UPPER LEGS 95

**CHAPTER 9 LOWER LEGS
AND FEET 117**

**CHAPTER 10 COMMON RUNNING
INJURIES 135**

**CHAPTER 11 ANATOMY OF RUNNING
FOOTWEAR 157**

**CHAPTER 12 FULL-BODY
CONDITIONING 169**

Exercise Finder 185

About the Authors 187