



APPENDIX I

METRIC CONVERSION

$$1 \text{ m} = 39.4 \text{ in} = 3.281 \text{ ft}$$
$$1 \text{ cm} = 0.4 \text{ in}$$

$$1 \text{ ft} = 0.3048 \text{ m}$$
$$1 \text{ ft} = 30.5 \text{ cm}$$
$$1 \text{ in} = 2.54 \text{ cm}$$

The following metric values were used in this book:

$$6.0 \text{ m} = 20.0 \text{ ft}$$
$$2.5 \text{ m} = 8.2 \text{ ft}$$
$$1.5 \text{ m} = 4.9 \text{ ft}$$
$$0.5 \text{ m} = 1.6 \text{ ft}$$
$$0.1 \text{ m} = 0.3 \text{ ft}$$

$$20 \text{ cm} = 7.9 \text{ in}$$
$$75 \text{ cm} = 30.0 \text{ in}$$

APPENDIX II



ARCHITECTURE SYMBOLS

Trees

Uninterrupted-growth type	
Arrested-type	
Retrogressed-type	
Released-type	

Shrubs

Uninterrupted-growth type	
Arrested-type	
Retrogressed-type	
Released-type	

20

APPENDIX III

SYMBOLS AND FORMULAS USED IN THIS BOOK

Symbols

A_c	Age of twig cluster (page 101)
A_s	Age of stem (page 101)
AGR	Annual growth rate (page 109)
D_i	Duration of intense browsing (page 103)
D_{LM}	Duration of light-to-moderate browsing (page 112)
H_{c99}	Height to current-year-growth (page 109)
H_{p99}	Height to previous-year-growth (page 110)
L_c	Length of cluster (page 111)
NAGR	Net annual growth rate (page 110)
$NAGR_i$	Net annual growth rate during period of intense browsing (page 113)
$NAGR_{LM}$	Net annual growth rate during period of light-to-moderate browsing (page 112)
Y_c	Year segment was a terminal leader (page 96)

Y_i Year intense browsing began (page 104)

y_R Number of years required to grow to 2.5 m tall
(page 128)

Duration Formulas

$$D_i = A_c - 2$$

$$D_{iW} = (A_c - A_i) + 1$$

Growth Rate Formulas

$$AGR = H_{cvs} / A_c$$

$$NAGR_{iW} = (H_{cvs} - L_c) / D_{iW}$$

$$NAGR_i = L_c / D_i$$

Date Formulas

$$Y_c = \text{Collection year} - \text{Annual rings} + 1$$

$$Y_i = \text{Collection year} - A_c + 2$$

$$Y_i = \text{Collection year} - D_i$$

$$y_R = H_R / NAGR_i$$