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Nota di contenuto	Intro -- Contents -- Introduction -- References -- ONE: Barro Colorado Island: The Background -- The Study Area -- The History of Barro Colorado's Biota -- Concluding Remarks -- References -- TWO: Dramatis Personae -- Principal Plants of Barro Colorado -- Principal Animals of Barro Colorado -- Concluding Remarks -- References -- THREE: Tropical Climates -- Climate and Vegetation Type -- Rainfall -- Factors Affecting Evapotranspiration -- Evapotranspiration in Montane Forests -- Concluding Remarks -- Appendix 3.1. Estimating Evapotranspiration -- References -- FOUR: Runoff, Erosion, and Soil Formation -- Modes of Runoff -- Runoff and Weathering -- Soil and Vegetation -- Concluding Remarks -- References -- FIVE: Telling the Trees from the Forest: Tree Shapes and Leaf Arrangement -- Different Architectures of Tropical Trees -- Designing Trees: Goals and Constraints -- Comparing Leaf Arrangements, Tree Architectures, and Forest Structure -- Concluding Remarks -- Appendix 5.1: How Tall Can a Tree Be? -- Appendix 5.2: Collecting the Data for Tables 5.10-5.12 -- References -- SIX: Biomass and Productivity of Tropical Forest -- The "Constants of Tropical Forest -- Leaf Area Index and Leaf Fall in Different Forest Types -- The Gross Production (Total Photosynthesis)

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Sommario/riassunto

This text is a synoptic comparison of tropical forests, based on a detailed understanding of one particular tropical forest - Barro Colorado Island.
