CONTENTS

Morphology and relationships of a new species of *Microsomyces* (Ascomycetes: Laboulbeniales) from Illinois  
Richard K. Benjamin 127

Observations on functional wood histology of vines and lianas: vessel dimorphism, tracheids, vasicentric tracheids, narrow vessels, and parenchyma  
Sherwin Carlquist 139

Wood anatomy and familial status of *Viviania*  
Sherwin Carlquist 159

Experimental studies on epizoochorous dispersal in Californian plants  
Sherwin Carlquist and Quinn Pauly 167

A taxonomic revision of *Chilopsis* (Bignoniaceae)  
James Henrickson 179

*Xerospiraea*, a generic segregate of *Spiraea* (Rosaceae) from Mexico  
James Henrickson 199

Trends in pollination biology  
Herbert G. Baker 213

Monographing in the 1980s  
Ghillean T. Prance 231

Nomenclatural note  
Sherwin Carlquist 158

Announcements  
243, 244

The name of the journal, *Aliso*, is the word used by the early Californians for the sycamore (*Platanus racemosa*), a tree associated with the Rancho Santa Ana Botanic Garden. In other areas *Aliso* refers to the alder (*Alnus* sp.).

Copyright © 1986 by the Rancho Santa Ana Botanic Garden

*Aliso*, Vol. 11, No. 2, was issued April 29, 1986.