PAPERS AND PROCEEDINGS OF THE ROYAL SOCIETY OF TASMANIA

Volume 121

CONTENTS

| Annual Report and Financial Statements | Page iv |
|--|------------|
| PERRIN, R.A. & HAY, P.R. — A history of the Tasmanian scallop industry, diagnosing problems of management | 1 |
| KIRKPATRICK, J.B. & POTTS, B.M. — Isolated intermediates—products of long distance gene dispersal, phantom hybridity or convergent evolution? The case of the half-barked <i>Eucalyptus amygdalina</i> | 15 |
| KNIGHTON, A.D. — Streamflow characteristics of northeastern Tasmania: I. regional flood flows | 23 |
| GIBSON, N., KIERNAN, K.W. & MACPHAIL, M.K. — A fossil bolster plant from the King River, Tasmania | 35 |
| KIRKPATRICK, J.B. & WELLS, J.M. — The vegetation of the Great Northern Plain, northeastern Tasmania | 43 |
| BUCHANAN, A.M. — Helichrysum pumilum var. spathulatum (Compositae:Inuleae), new from Tasmania | 53 |
| KERSHAW, R.C. — Type localities for six species of Tasmanian land molluscs (Pulmonata:Stylommatophora) | 57 |
| COLHOUN, E.A. & VAN DE GEER, G. — Vegetation history and climate before the maximum of the last Glaciation at Crotty, western Tasmania | 69 |
| BOWMAN, G.M. — The Holocene evolution of Rheban Spit, Tasmania. 2. Soil development trends | 75 |
| COLHOUN, E.A. & VAN DE GEER, G. — Pleistocene macro- and micro-plant fossils from Rosebery, western Tasmania | 89 |
| GIBSON, N., WILLIAMS, K., MARSDEN-SMEDLEY, J. & BROWN, M.J. — Regeneration characteristics of a swamp forest in northwestern Tasmania | 93 |
| DAVIDSON, N.J., REID, J.B. & POTTS, B.M. — Gene flow between three eucalypt species at Snug Plains | 101 |
| TAYLOR, R.J., O'NEILL, M.G. & REARDON, T. — Tasmanian bats: identification, distribution and natural history | 109 |
| STATHAM, M. & MIDDLETON, M. — Feral pigs on Flinders Island | 121 |
| KNIGHTON, A.D. — Streamflow characteristics of northeastern Tasmania: II. Hydraulic geometry | 125 |
| DAVIES, J.L. & HUDSON, J.P. — Sources of shore sediment on the north coast of Tasmania | 137 |
| RATKOWSKY, D.A. — Check-list of the Tasmanian liverworts | 153 |
| TIDWELL, W.D., KIM, J.H. & KIMURA, T. — Mid-Mesozoic leaves from near Ida Bay, southern Tasmania, Australia | 159 |