

## ABOUT OUR AUTHORS

- Nancy Ng (now Mrs Nancy Tan) graduated with B.Sc.(honours) in Botany in 1973. She is currently working for an M.Sc. at the University of Malaysia, Kuala Lumpur, where she is investigating aspects of the chemosystematics of Malaysian citrus plants.
- Dr John Walker is currently a senior lecturer in the Botany Department, where he teaches plant biochemistry. His major research interest is the metabolism of phenolic compounds by plants and microorganisms.
- Dr Philip Cadwallader completed a doctorate study in 1973 on the ecology of the freshwater fish *Galaxias vulgaris*. Subsequently, he spent a year at the University of Auckland as a Senior Demonstrator in the Zoology Department, and during this period he studied introduced rudd. Phil is now employed by the Victorian Ministry for Conservation, Fisheries and Wildlife, and will continue to work primarily on freshwater fish.
- John Marshall wrote his M.Sc. thesis in 1974 on the biology of the Leeston Drain with particular reference to the Oligochaeta and their responses to organic enrichment. He now works for Crop Research Division, D.S.I.R., Lincoln, and has been working on aspects of potato genetics and nematode problems.
- Chris Paulin is presently working on his M.Sc. thesis in Zoology. His particular interests include seabirds, which he has studied in detail in Antarctica, and the subfossil avifauna of New Zealand.
- John Ottaway graduated with B.Sc.(honours) from the University of Adelaide, Australia, then worked in the Mawson Institute for Antarctic Research for two years on population studies of the gull *Larus n. novaehollandiae* and the behaviour and physiology of the anemone *Actinia tenebrosa*. He is now completing a Ph.D. thesis on population ecology of *Actinia tenebrosa*.
- Chow Chin Tong, from Kluang, Johore, Malaysia, came to the University of Canterbury from the Department of Microbiology, University of Otago. Prior to this, he had studied, in particular, the growth of diatoms. He is presently undertaking microbiological research for a Ph.D. degree on the physiology of thermophilic fungi.
- Dr Tony Cole is a lecturer in microbiology in the Botany Department, University of Canterbury. A graduate of the University of London, U.K., he has worked at Cornell University, U.S.A., and the University of Hull, U.K. He came to New Zealand in October 1973. Research interests include physiology of parasitism of plant and human fungal pathogens and extracellular metabolites of thermophilic fungi.
- Dr Thomas Rich, a vertebrate paleontologist trained at Columbia University and the American Museum of Natural History, New York, is presently Curator of Paleontology at the National Museum of Victoria, Melbourne, Australia. Tom spent two months in 1974 in New Zealand searching for pre-Pleistocene terrestrial vertebrates, and his paper outlines some of his research on this topic. His main interests centre around fossil mammals.

Paddy Ryan is a doctorate student in Zoology, and is studying feeding in the eel, *Anguilla australis schmidtii*, at Lake Ellesmere, Canterbury. Paddy was the foundation president of the Biological Society of the University of Canterbury, and was a committee member for four years. Apart from his research work, he is interested in wildlife photography, particularly macrophotography.

Jo-Ann Hudson completed a B.Sc. (honours) degree in Zoology at the University of Canterbury in 1973. Her paper outlines some of the project work she completed for the honours course. She is now teaching biology at Kelston Girls High School in Auckland.

Andrew McNab graduated B.Sc. (honours) in Zoology from the University of Canterbury in 1974. He is keenly interested in wildlife biology and animal behaviour, and he combined these interests in the summer of 1973-74 when he studied the mother and pup behaviour of New Zealand fur seals on the Open Bay Islands, South Westland. Andrew has recently been on safari in Africa, and is now recovering financially and physically in England before returning to New Zealand to further his studies.

Dr Malcolm Crawley completed his Ph.D. on the ecology of woodland rodents at the University of Durham in 1965, and in the same year came to New Zealand. From 1965 to 1969 he worked with Ecology Division, D.S.I.R., mainly on possum ecology in the Orongorongo Valley, Wellington. In 1969, Malcolm joined the Zoology Department, University of Canterbury, where his interest in seals of New Zealand and Sub-Antarctic regions has developed. The Open Bay Islands hold a special place in his affections, and it is there that the main fur seal research effort of the Zoology Department has been concentrated.

Chris Fowles wrote his M.Sc. thesis in 1972 on the ecology of the invertebrate fauna of the South Branch of the Waimakariri River. Subsequently, he carried out river pollution- and fisheries surveys for the North and South Canterbury Acclimatisation Societies and the Ministry of Agriculture and Fisheries. He is now employed by the Rangitikei-Wanganui Catchment Board, and is involved in water quality assessment work.

Dr Trevor Crosby is an aquatic entomologist with Entomology Division, D.S.I.R., Auckland. He completed a Ph.D. on the biology of blackflies (Simuliidae) in 1973, and spent a year in Wellington working for the D.S.I.R. in an editorial capacity before taking up his present position.

Grant Knight is a doctorate student at the University of Canterbury. He completed an M.Sc. thesis on the benthos of Lyttelton Harbour before undertaking his doctorate study of the ecology of the Lake Grassmere salt ponds in Marlborough.

Dr Andrew Dobson lectures on ecology in the Botany Department. His particular interests include the ecology of wetland plants, and of *Leptospermum* communities which he has been studying at Kaikoura. Andrew Dobson and Colin Burrows have been involved in running the third-year plant ecology student field trips. These trips are run annually and involve

about one week of fieldwork on such topics as general plant ecology, vegetation community structure and peat borings for pollen. Fieldwork has been carried out on mixed beech and scrub associations at Cass, Canterbury, as well as the beech-podocarp forest in Westland, and is oriented towards obtaining data for statistical analysis.

Dr Colin Burrows is a reader in the Botany Department, where he teaches ecology. His recent research has included studies on Pleistocene glacial deposits, in particular, dating of moraines and glacial correlation. He is also interested in the ecology of wetlands, and is involved with the Beech Action Committee.

#### BIOLOGICAL SOCIETY REPORT ON ACTIVITIES IN 1974

##### General Committee

President: Chris Paulin  
 Treasurer: Dave Gaynor  
 Secretary: Sally Davis  
 Committee: Dr C. McLay  
 Bill Makepeace  
 Grant Pomeroy  
 Margaret Rankin  
 Paddy Ryan  
 Shirly Smith

The first term was the busiest as far as field trips were concerned, with social events tending to dominate the latter half of the year! Trips, which were all well supported, went to the Broken River Caves, Glenariffe Salmon Traps, and Mt. Hutt. Several others had to be cancelled due to a variety of problems. Social events were a Wine and Cheese party, a Computer Ball, the fifth Annual Dinner and Dance and a series of Friday evening, "après-lab" Steins. These Steins proved very successful in integrating the club and provided a focal point where other club activities could be organised and discussed.

#### CORRIGENDA

##### Mauri Ora 1, 1973

p. 110, paragraph 4, line 1: for 172°30'E, 45°45'S,  
 read 172°30'E, 43°45'S.

##### Mauri Ora 2, 1974

p. 94, insert: KNOX, G.A. and KILNER, A.R. 1973. *The ecology of the Avon-Heathcote Estuary*. Unpublished report to the Christchurch Drainage Board by the Estuarine Research Unit, Department of Zoology, University of Canterbury, Christchurch. 358 pp.

p. 131, paragraph 1, line 1: for 45°45'S, 172°30'E,  
 read 43°45'S, 172°30'E.