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## **Contributions to a history of New Zealand lichenology 5\*. James Murray (1923–1961)**

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## Table of contents

|   |    |
|---|----|
| Abstract .....  | 3  |
| Key words .....   | 3  |
| Introduction .....  | 3  |
| Material .....  | 4  |
| Early years, 1923–1941 .....  | 4  |
| Student 1942–1945 .....   | 6  |
| Assistant Lecturer 1946–1949 .....  | 7  |
| Cambridge University 1950–1952 .....  | 12 |
| Lecturer-Senior Lecturer 1953–1959 .....  | 13 |
| New Zealand lichens 1949–1961 .....   | 13 |
| Antarctica .....  | 19 |
| Campbell Island .....   | 21 |
| London, Europe and Sweden 1960 .....  | 24 |
| Return to Dunedin 1961 .....  | 26 |
| Peter James (1930-2014) and the Murray Collection at OTA 1962–63 .....  | 32 |
| James Murray’s legacy to lichenology .....  | 34 |
| Appendix I—James Murray’s collecting localities .....   | 36 |
| Appendix II   |    |
| (i) lichen names introduced by James Murray .....   | 37 |
| (ii) lichen names commemorating James Murray .....  | 38 |
| Appendix III—James Murray’s Correspondence .....  | 39 |
| Appendix IV—William Martin’s appreciation of James Murray .....   | 52 |
| Appendix V— <i>Yarrumia</i> , a new genus in the <i>Lobariaceae</i> ( <i>Peltigerales: Ascomycota</i> ) ..... | 52 |
| Acknowledgements .....  | 55 |
| Disclaimer .....  | 55 |
| Notes .....   | 55 |
| Joint Effort .....  | 57 |
| Distribution .....  | 57 |
| References .....  | 60 |

## Abstract

James Murray (1923–1961), an organic chemist by profession, was also New Zealand’s first modern lichenologist. Having a wide knowledge of New Zealand plants, and a very competent grasp of post-war natural product chemistry, he was well qualified to take up lichens at a period when chemosystematics was just becoming important in the group. His early published work was to influence the emerging field of lichen bioactive compounds, and 50 years later, generic concepts in the *Lobariaceae*. Murray’s joint careers in organic chemistry and lichenology were tragically cut short by his early accidental death; his legacy being a handful of papers and an extensive lichen herbarium (now at OTA). However, James Murray’s example and influence have resonated much more widely than these concrete accomplishments. To enable his contributions to be properly appreciated, the present biographical memoir outlines his life, work and legacy to modern lichenology. The genus *Yarrumia* D.J.Galloway is described in Murray’s honour and two new combinations are made: *Y. colensoi* (C.Bab.) D.J.Galloway and *Y. coronata* (Müll.Arg.) D.J.Galloway.

**Key words:** Antarctic lichens, correspondence, *Lobariaceae*, New Zealand biography, New Zealand lichens

## Introduction

James Murray’s death, 53 years ago, in a car accident on the Taieri Plain near Mosgiel on 24 June 1961, at the age of 38, robbed New Zealand Science of an already well-established natural-product chemist, and possibly more importantly, of the brightest star in Southern Hemisphere lichenology at that time. Murray, known affectionately to friends, colleagues and students as Jas, (although several of his non-Dunedin colleagues called him Jim) had just returned from a sabbatical year in London in 1960, working at Imperial College and at the British Museum (Natural History), now the Natural History Museum, on a series of New Zealand lichen studies, visiting lichen

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