

This is a follow-on from their 1993 (Dawson, J.; Lucas, R. 1993) volume and has many of the excellent photographs used there. The smaller photographs in this volume, however, do less justice to Lucas's work when compared to the larger copies in the earlier book. This is a very practical guide and will be a boon to naturalists of any bent, though I can't see the small, habit photographs of complete trees being very helpful. The small brickbats aside, it will be a worthwhile purchase for those wanting to make their bush experiences more rewarding.

**Reference:** Dawson, J.; Lucas, R. (1993). *Lifestyles of New Zealand forest plants*. Victoria University Press, Wellington.

**Lumbsch, H.T.; McCarthy, P.M.; Malcolm, W.M. (2001): *Key to the genera of Australian lichens : apothecial crusts.***

64 pp. Softcover. Australian Biological Resources Study, Canberra. \$A31.

The white, yellow, brown or black coloured patches that cover the rocks, tree bark and other apparently bare surfaces are familiar, I'm sure, to all of us but few will take the time to look at them in detail. These are the crustose lichens and a glance through this book may just encourage closer inspection and a realisation of the beauty and intricate structures of this fascinating part of our flora.

Although specifically for Australia, there are many genera and species of these lichens common to both countries and so this little book is highly relevant to our own flora. It fits well with the *New Zealand lichens. Checklist, key and glossary* (Malcolm, W.M.; Galloway, D.J. 1997). The key appears comprehensive and can be followed using Malcolm and Galloway's glossary. It is well laid out and easy to use. Each page has three excellent colour photographs of species representative of the genera covered and at least eighty New Zealand examples are shown.

This will be a handy little reference for us here and can be obtained by contacting Patrick McCarthy by e-mail at [Patrick.McCarthy@ea.gov.au](mailto:Patrick.McCarthy@ea.gov.au)

**Reference:** Malcolm, W.M.; Galloway, D.J. (1997), *New Zealand lichens. Checklist, key and glossary*, Museum of New Zealand Te Papa Tongarewa, Wellington.

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