


Australasian Lichenology
 Number 87, July 2020 ISSN 1328-4401

The consistently sterile *Siphula decumbens* grows on moist inorganic or peaty soils from near sea level to high alpine elevations. Its irregularly branched thallus contains thamnolic acid, and often is dorsiventral, with one side more scabrid than the other (see left). Its morphology varies markedly with habitat. The species is widespread, recorded from Africa, Central and South America, Borneo, Papua New Guinea, Japan and China as well as Tasmania and New Zealand. The cover illustration shows it growing intermixed with *Parasiphula fragilis*.

5 mm 

CONTENTS

ARTICLES

Elix, JA—Ten new species and two new records of buellioid lichens (Physciaceae, Ascomycota) from Australia and Norfolk Island 3

Elix, JA; Kantvilas, G—Three new species and a new record of buellioid lichens (Caliciaceae, Ascomycota) from Tasmania..... 20

McCarthy, PM; Elix, JA—A new species of *Micarea* (Pilocarpaceae) from soil in New Zealand 26

McCarthy, PM—A new saxicolous species, a new combination and a new record of *Gyalidea* (lichenized Ascomycota, Asterothyriaceae) from Australia 30

Elix, JA; McCarthy, PM—Three new species and a new record of *Trapelia* (lichenized Ascomycota, Trapeliaceae) from Australia..... 40

McCarthy, PM; Elix, JA— A new species of the lichenicolous genus *Phaeospora* Hepp ex Stein (Verrucariales) from Australia..... 48

Elvebakk, A; Sipman, HJM—*Gibbosporina* revisited: new records from Fiji, Indonesia, New Caledonia, Papua New Guinea and Queensland, with one species from the Solomon Islands transferred to *Pannaria* 52

McCarthy, PM—A new corticolous species of *Lasioloma* (lichenized Ascomycota, Pilocarpaceae) from north-eastern Queensland..... 58

McCarthy, PM; Elix, JA—New species and new records of *Micarea* (Pilocarpaceae) from Australia 62

Mayrhofer, H; Elix, JA—Three new corticolous species and two new records of *Rinodina* (Physciaceae, Ascomycota) from subtropical and tropical Australia 73

Elix, JA; Kantvilas, G—A new isidiate species and a new record of *Rinodina* (Physciaceae, Ascomycota) from Tasmania..... 82

Louwhoff, SH—Observations on the vertical distribution of lichens on a *Eucalyptus radiata* subsp. *radiata* tree in burnt lowland forest, Victoria, including a new State record 85

ADDITIONAL RECORDS OF LICHENS FROM AUSTRALIA

McCarthy, PM—Additional lichen records from Australia 87. *Monoblastiopsis nigrocortina* R.C.Harris & C.A.Morse..... 92

RECENT LITERATURE ON AUSTRALASIAN LICHENS 96

- Elix, JA (2020): Ten new species and two new records of buellioid lichens (Physciaceae, Ascomycota) from Australia and Norfolk Island. *Australasian Lichenology* **87**, 3–19.
- Elix, J; Kantvilas, G (2020): Three new species and a new record of buellioid lichens Caliciaceae, Ascomycota) from Tasmania. *Australasian Lichenology* **87**, 20–25.
- Elix, J; Kantvilas, G (2020): A new isidiate species and a new record of *Rinodina* (Physciaceae, Ascomycota) from Tasmania. *Australasian Lichenology* **87**, 82–84.
- Elix, JA; McCarthy, PM (2020): Three new species and a new record of *Trapelia* (lichenized Ascomycota, Trapeliaceae) from Australia. *Australasian Lichenology* **87**, 40–47.
- Elvebakk, A; Sipman, HJM (2020): *Gibbosporina* revisited: new records from Fiji, Indonesia, New Caledonia, Papua New Guinea and Queensland, with one species from the Solomon Islands transferred to *Pannaria*. *Australasian Lichenology* **87**, 52–57.
- Gazo, ST; Santiago, KAA; Tjitroedirjo, SS; Dela Cruz, TEE (2019): Antimicrobial and herbicidal activities of the fruticose lichen *Ramalina* from Guimaras Island, Philippines. *Biotropia* **26**, 23–32.
- Kantvilas, G (2018): A new species of *Dibaeis* from Australia (Tasmania) with notes on the family Icmadophilaceae. *Herzogia* **31**, 562–570.
- Kantvilas, G; Guedan, C; Tehler, A (2020): The strange case of *Ocellomma rediuntum* (Arthoniales: Roccellaceae) in Australia: a remarkably disjunct lichen. *Lichenologist* **52**, 187–195.
- Kantvilas, G (2020): Contributions to the lichen genus *Cresponea* (Roccellaceae). *Lichenologist* **52**, 279–285.
- Kistenich, S; Bendiksby, M; Vairappan, CS; Weerakoon, G; Wijesundara, S; Wolseley, PA; Timdal, E (2019): A regional study of the genus *Phyllopsora* (Ramalinaceae) in Asia and Melanesia. *Mycologia* **53**, 23–72.
- Louwhoff, SH (2020): Observations on the vertical distribution of lichens on a *Eucalyptus radiata* subsp. *radiata* tree in burnt lowland forest, Victoria, including a new State record. *Australasian Lichenology* **87**, 85–91.
- Ludwig, LR; Kantvilas, G; Nilsen, AR; Orlovich, DA; Ohmura, Y; Summerfield, TC; Wilk, K; Lord, JM (2020): A molecular-genetic reassessment of the circumscription of the lichen genus *Icmadophila*. *Lichenologist* **52**, 213–220.
- Mayrhofer, H; Elix, JA (2020): Three new corticolous species and two new records of *Rinodina* (Physciaceae, Ascomycota) from subtropical and tropical Australia. *Australasian Lichenology* **87**, 73–81.
- McCarthy, PM (2020): A new corticolous species of *Lasioloma* (lichenized Ascomycota, Pilocarpaceae) from north-eastern Queensland. *Australasian Lichenology* **87**, 58–61.
- McCarthy, PM (2020): A new saxicolous species, a new combination and a new record of *Gyalidea* (lichenized Ascomycota, Asterothyriaceae) from Australia. *Australasian Lichenology* **87**, 30–39.
- McCarthy, PM (2020): Additional lichen records from Australia 87. *Monoblastiopsis nigro-cortina* R.C.Harris & C.A.Morse. *Australasian Lichenology* **87**, 92–95.
- McCarthy, PM; Elix, JA (2020): A new species of *Micarea* (Pilocarpaceae) from soil in New Zealand. *Australasian Lichenology* **87**, 62–72.
- McCarthy, PM; Elix, JA (2020): New species and new records of *Micarea* (Pilocarpaceae) from Australia. *Australasian Lichenology* **87**, 246–29.
- McCarthy, PM; Elix, JA (2020): A new species of the lichenicolous genus *Phaeospora* Hepp ex Stein (Verrucariales) from Australia. *Australasian Lichenology* **87**, 48–51.
- Motiejūnaitė, J; Zhurbenko, MP; Suija, A; Kantvilas, G (2019): Lichenicolous ascomycetes on *Siphula*-like lichens, with a key to the species. *Lichenologist* **51**, 45–73.
- Nugraha, AS; Pratoko, DK; Damayanti, DY; Lestari, ND; Laksono, TA; Addy, HS; Untari, LF; Kusamawardani, B; Wangchuk, P (2019): Antibacterial and anticancer activities of nine lichens of Indonesian Java Island. *Journal of Biologically Active Products from Nature* **9**, 39–46.
- Pérez-Ortega, S; Kantvilas, G (2018): *Lecanora helmutii*, a new species from the *Lecanora symmicta* group from Tasmania. *Herzogia* **31**, 639–649.

INFORMATION FOR SUBSCRIBERS

Australasian Lichenology is published twice a year. Each of those two issues by convention is called a Volume, and is numbered then dated either January or July of that year. Because of steadily rising printing and postage costs, copies are e-mailed to most subscribers as electronic .pdf files. Such files can be opened and read on either a PC or a Macintosh computer using Adobe's Acrobat® Reader (version 5.0 or later). From Adobe's website (www.adobe.com), you can download a free copy of Acrobat Reader that's compatible with your computer's operating system. An electronic journal offers the advantage of not only requiring no shelf space but also of being quickly searchable by computer. However, any subscriber who prefers hard-copies can print them out.

The journal is sent free to all electronic subscribers. To meet the requirement of the nomenclatural Code that printed descriptions of new taxa must be lodged in internationally recognized libraries and herbaria, a few selected library and herbaria subscribers will continue to get printed hard-copies.

If you wish to subscribe electronically, e-mail your request and your current e-mail address to the journal editor at nancym@micro-opticspress.com. If you later change your e-mail address, be sure to inform the editor.

Volumes 58 and later can now be downloaded free from the website Recent Literature on Lichens (RLL). The directory is <http://www.nhm.uio.no/botanisk/lav/RLL/AL/>. Those same volumes plus searchable scans of Volumes 41–57 can be downloaded from http://www.anbg.gov.au/abrs/lichenlist/Australasian_Lichenology.html

INFORMATION FOR AUTHORS

Research papers submitted to *Australasian Lichenology* must be original and on some aspect of Australasian lichens or allied fungi, and they are refereed. The journal also welcomes newsworthy items on lichenologists who are either studying Australasian lichens or who are visiting the region.

The journal has no page charge, nor does it charge for colour plates. A manuscript can be e-mailed to W. Malcolm at nancym@micro-opticspress.com as (1) a file saved in "rich text format" (.rtf) plus (2) a cross-platform file saved in "portable document format" (.pdf). See a recent issue for a guide to text formatting and reference citations.

Drawings should be inked originals. They and photographs can be scanned at 600 dpi and then e-mailed as TIFF (.tif) or highest-quality JPEG (.jpg) files. In size they must be at least 1.5 MB.

Australasian Lichenology provides to authors free of charge an electronic off-print of each published paper, in the form of a .pdf file. Authors are free to make unlimited copies of that off-print.

Australasian Lichenology is the official publication of the Australasian Lichen Society, and formerly was named the *Australasian Lichenological Newsletter*. Its Editorial Board is W.M. Malcolm, J.A. Elix, P.M. McCarthy, A. Knight, G. Kantvilas, and S.H.J.J. Louwhoff.