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At first known from only Mount Kosciuszko National Park in N.S.W., *Buellia australpina* has since been reported from New Zealand. It typically colonizes occasionally inundated siliceous boulders in fast-flowing streams. It often forms extensive colonies, but they can be heavily eroded by waterborne silt during freshes, and even scoured away altogether in prolonged flooding. The species has a smooth beige-white thallus, persistently immersed apothecia, a red-brown epihymenium (N-), a dark red-brown hypothecium, and *Buellia*-type ascospores measuring $14\text{--}20 \times 6\text{--}8 \mu\text{m}$. It produces two lichen substances—atranorin (major) and norstictic acid (minor or absent).

1 mm 

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Fig. 5. *Diaphorographis queenslandica*. Ascospores with iodine. Scale = 50 μm .

RECENT LITERATURE ON AUSTRALASIAN LICHENS

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