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### Littoral ecology of Marion and Prince Edward Islands (Southern Ocean)

Anthonie F. de Villiers

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Plate 1. Basic sub-Antarctic littoral zonation (Macaroni Bay). Grey and white lichens mark the upper supra-littoral; black and light green bands are *Verrucaria* and *Ulothrix* respectively in the lower supra-littoral; dark brown band is composed of *Porphyra* in the upper and mid-littoral; olive green hanging fronds of *Durvillea* occur in the lower littoral; pink encrusting lithothamnia extend down into the upper sub-littoral. Bands on ranging rod are 50 cm wide.