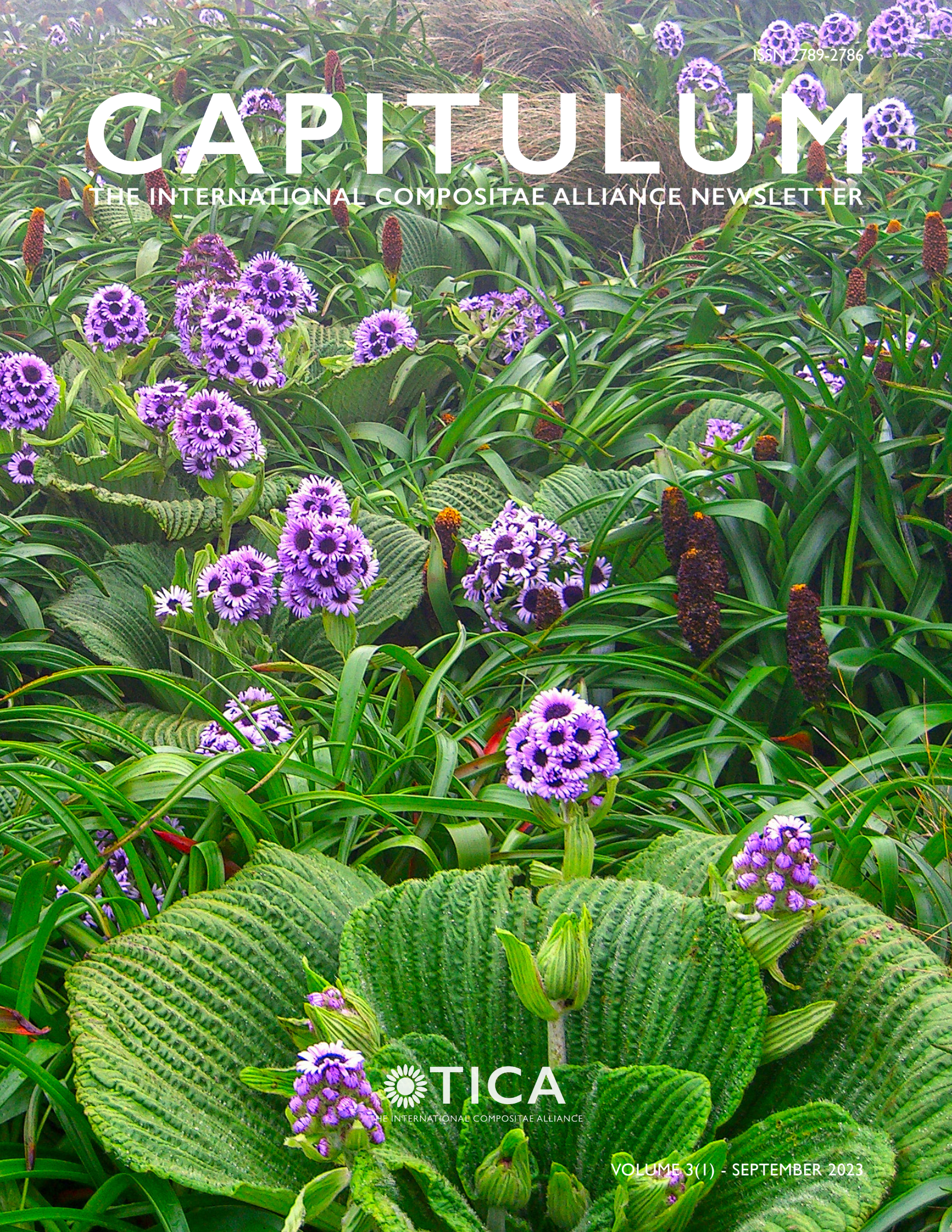


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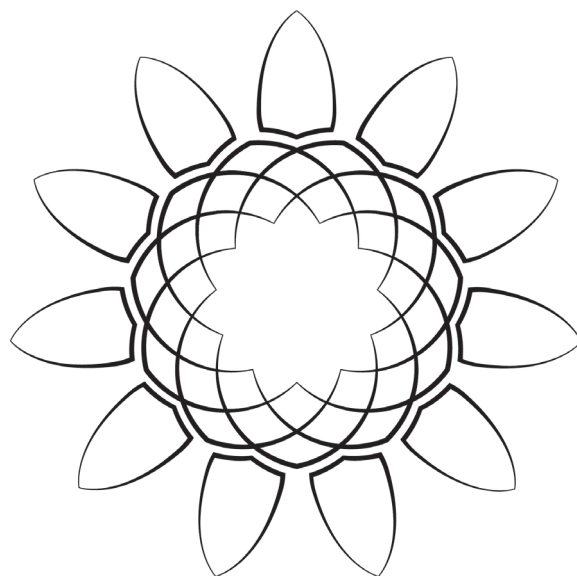


 **TICA**  
THE INTERNATIONAL COMPOSITAE ALLIANCE

VOLUME 3(1) - SEPTEMBER 2023

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**CAPITULUM**

*For the community & by the community.*



# CAPITULUM

THE INTERNATIONAL COMPOSITAE ALLIANCE NEWSLETTER

## CAPITULUM

CAPITULUM is the Newsletter of The International Compositae Alliance and is meant to be a venue for all things Compositae and welcomes all kinds of diversity in both its contributions and contributors. ISSN 2789-2786.

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Cover photo: *Pleurophyllum speciosum* Hook.f. in flower in a megaherb field with *Bulbinella rossii* (Hook.f.) Mottet. In the distance are two pink inflorescences of *Anisotome lyallii* Hook.f. Col-Lyall Saddle, Campbell Island, New Zealand

Photo by Phil Garnock-Jones

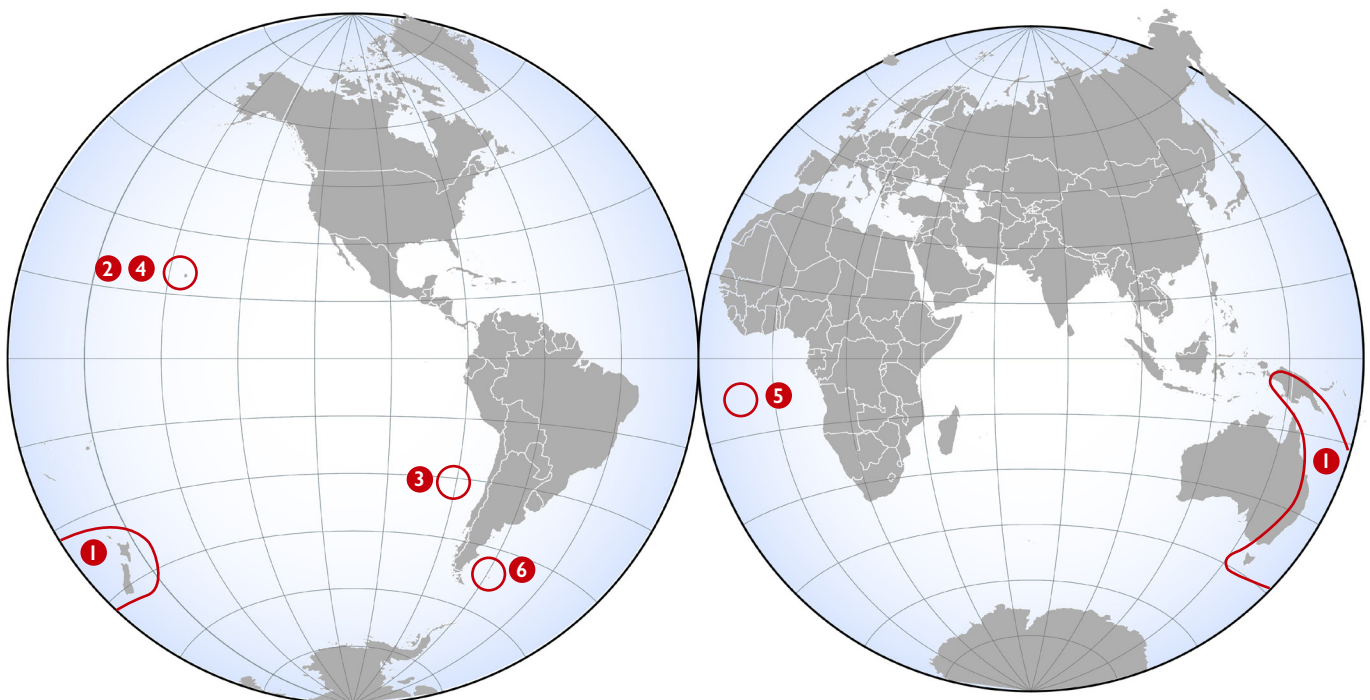


# Island Compositae: across the seven seas.

Island biota has long fascinated biologists and provided valuable contributions to our knowledge of biodiversity and evolution. Compositae on islands, in particular, are a fascinating study system. Not only is the family exceptionally diverse on islands, but Compositae also provides many remarkable examples of island adaptive radiations, such as the textbook Silversword alliance on the Hawaiian archipelago, and many cases of interesting trait evolution on islands, for example, the woody *Sonchus* alliance on the Canary Islands. In this special island issue, we bring you six articles featuring Compositae from archipelagos around the world.



Illustration by Lizzie Roebble



## 1 Australasia

Patricio Saldivia and Duncan Alastair Nicol who explore the diverse Australasian Celmisiinae lineage which includes many charismatic island endemics such as *Pleurophyllum* on the Subantarctic islands. (see page [1](#))

## 2 Hawaiian Islands

We journey to Hawai'i with Susan Ching Harbin who presents us with an overview of the rare and critically endangered endemic *Hesperomannia* and gives an update on the current conservation status (see page [26](#)).

## 3 Juan Fernández Islands

Tod Stuessy and Daniel Crawford discuss the history of the monospecific genus *Yunquea*, which grows only on the top of a single peak on Robinson Crusoe Island in the Juan Fernández Archipelago. (see page [43](#))

## 4 Hawai'i Island

Renee Bellinger gives a brief overview of genome sequencing methods and progress and then highlights recent work on the genome assembly of *Bidens hawaiiensis*, a member of the Hawaiian *Bidens* adaptive radiation. (see page [50](#))

## 5 Saint Helena Island

A group led by Timothy Collins unravels the history of how an Australian paper daisy (*Xerochrysum bracteatum*) came to be naturalized on the island of St Helena during the time of Napoleón Bonaparte's exile. (see page [58](#)).

## 6 Malvinas/Falkland Islands

A team led by Gisela Sancho takes us on a journey to the Malvinas/Falkland Archipelago in pursuit of a minuscule yet amazing *Lagenophora*. (see page [66](#))

Be sure to check out the stunning images by Steve Wagstaff and Phil Garnock-Jones in the 'Style' section.  
This issue finishes with a recap of the latest Compositae news in the 'TICA Times' section.