

Edited by Erika Shankley

FoTI is part of the Wildcare network, the largest incorporated environmental volunteer organisation in Tasmania We work in partnership with Parks & Wildife Service Tasmania, caring for the natural and cultural values of Tasman Island



En route to Tasman Island, April 2021 Photo Amanda Thomson

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Thanks to contributors: Nikki Langman, Amanda Thomson, Chris Creese & Brett Hall

Want to know more about volunteering on Tasman Island?

https://wildcaretas.org.au/branches/friends-of-tasman-island/ https://www.facebook.com/FriendsOfTasmanIsland/ email friendsoftasmanisland@gmail.com www.tasmanisland.org.au

Low Head

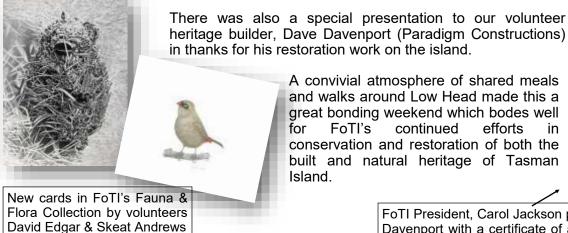
LOW HEAD PLANNING WEEKEND

In January this year, 17 FoTI volunteers were welcomed to the lightstation at Low Head by 'the sound of a thousand elephants' with a special sounding of the Fog Horn for a MONA event. FoTI spent a weekend at this northern lightstation with the main agenda item being finance for our works programme on Tasman Island over the next 12 months.

Splitting into groups, there was discussion around a new fund-raising venture—a Virtual Climb of the Tasman Island lighthouse; while another

group talked about our Tasman Island card collections, for sale in the Wildcare Shop-thanks to our artists





A convivial atmosphere of shared meals and walks around Low Head made this a great bonding weekend which bodes well for FoTI's continued efforts conservation and restoration of both the built and natural heritage of Tasman Island.

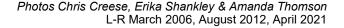
FoTI President, Carol Jackson presents volunteer, Dave Davenport with a certificate of appreciation for his work on Tasman Island.

High on the agenda was the precarious state of FoTI's finances. We are pleased to note that a recent call for help through our Facebook page brought forth enough funds to boost to our coffers so we could afford to conduct our 33rd working bee on Tasman Island at Easter. We have also been able to order another batch of our best-selling tea towels. Thank you to all who contributed. If you'd still like to contribute, just go to our Branch page on the Wildcare web site https://wildcaretas.org.au/product/branch-fundraising-friends-oftasman-island/. Every little bit helps!.

Now in its 16th year, Wildcare branch, Friends of Tasman Island, has had 33 10-day working bees on Tasman Island, volunteering in partnership with the Tasmanian Parks & Wildlife Service. Over 330 volunteers have participated, working on the island for over 350 days - nearly a year! Quite a feat—thanks to the volunteers who donate their time, energy and skills to make a difference; and also thanks to those who have donated funds to the cause. And a big thank you to PWS staff who have helped us achieve our aims.









thanks to on-island team leader Chris Creese & blogger Brett Hall for the notes photos by Amanda Thomson, Brett Hall & Chris Creese



The logistics of organising a working bee on Tasman Island is a mammoth exercise involving a number of volunteers and PWS staff. Planning starts months beforehand, deciding what jobs are a priority, what materials and tools to take, and who will be the

volunteers to help lucky accomplish those tasks. Not forgetting the huge job of catering for such a crowd — for this working bee 233 kilos of food and household items were amassed-



a lot of shopping trolleys!

Despite the fact that it was 1st April—April Fools' Day—the weather remained favourable and thanks to Osborne Aviation pilots, all nine members of the volunteer team (5 old hands & 4 newbies) were safely on Tasman Island "with

the power on and the kettle boiling for morning tea before 10am."

After settling in, the team headed off to start their respective tasks—weeding, field naturalist observations, moving or maintenance. One urgent job was to fix the hot water heater which AMS, on a visit earlier this year, had reported they could only

have cold showers! Two of the team—Plumber and Gas Fitter, Ron Fehlberg and Fitter, Chris Creese—made an inspection and found, as in June last year, a spider had made a cosy nest around the pilot burner! A good spot in some of Tasman Island's more inclement weather!

Sanding, painting and general maintenance were the main theme for the working bee - fascia boards, window frames and replacing weather boards etc. There was also the perennial moving, made much easier with the Greenfield ride-on mower purchased by PWS several years ago and, for carting lawn

clippings, tools and materials around the island, the attached trailer was fantastic- thanks again to PWS and volunteer Jane Risely.

Despite a change in the weather, work continued - Chris on the mower and on-island repairs, Nikki on the brushcutter, Ingrid painting, window repairs by Ian, plumbing by Ron and Brett continued spraying the myriads of

Californian Thistles. The delicious meals continued to appear - thanks to the indefatigable Glenda! Meanwhile, Keith and Amanda found more amazing invertebrates!

However, it was not all work and no play. The group took several walks, seeing the island at sunrise, sunset and clambered down (and up again !!) the Haulage to see the view from the Landing and give a wave to the Pennicott cruisers down below. On one trip, two visitors were noticed, camping above the Haulage.

Unfortunately, the portent of bad weather cut short the time on the island, with all members of the team and their gear returning to the Tasmanian mainland a day A fitting for the brushcutter harness early. This, unfortunately, also meant the cancellation of the Rotary Club of the was manufactured Tasman Peninsula's yearly fund-raising trip to Tasman Island. However, the volunteers had managed to sandwich ten days activities into eight, completing





another step forward in the conservation and restoration of Tasman Island and its heritage listed lightstation.

Thanks to a grant from Wildcare's Tasmanian Nature Conservation Fund, we were able to afford the high cost of transport for this working bee. A big vote of thanks to Carol (off-island support) and the on-island volunteers Chris, Glenda, Ron, Nikki, Amanda, Keith, Ian, Brett and Ingrid. Thanks also to PWS staff, particularly Sam and Jess, and Osborne Aviation's James, Jason and Stu for getting the group on and off the island safely.

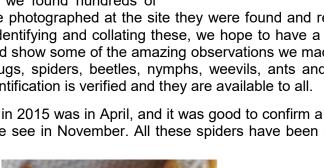
Dr Keith Martin-Smith

I was absolutely thrilled to be heading the first dedicated Field Naturalist 'team' this April. My aim was to bring one or more specialists to the island to begin to accumulate and update data on the fauna and flora with a long-term vision of a repeat (Hamish Saunders) bio blitz by a group of dedicated scientists. The first lesson encountered was that time is needed to organise these trips well in advance. Scientists are busy people with full forward schedules. Timing of seasons is another consideration – each species has its own favourable time of year. Many of those approached preferred the Summer months for finding/observing and collecting. At this stage our working bees have been at set times April and November each year. It is an exciting prospect to visit at different times in the future, finding things we've not seen for years.

Having Dr Keith Martin-Smith as our 'specialist' this trip was fantastic. A science teacher at Hutchins, he brought a wealth of scientific knowledge and passion for invertebrates. Plus the photography skills to 'capture' tiny invertebrates found out in the field. Using sweep nets, a beating sheet and slam trap, none of which I had previously used, we found hundreds of

species. Many specimens under 5mm. These were photographed at the site they were found and released. No collections were made. Still in the process of identifying and collating these, we hope to have a detailed list of finds soon. Keith has offered to give a talk and show some of the amazing observations we made. Lists include many wasps, flies, mites, cockroaches, bugs, spiders, beetles, nymphs, weevils, ants and moths. They are being added to iNaturalist, where their identification is verified and they are available to all.

This was my second April trip, my first working bee in 2015 was in April, and it was good to confirm a number of observations, and make comparisons to what we see in November. All these spiders have been seen on one or more trips, both April and November.





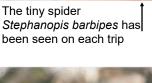
undescribed Salticidae (jumping spider) seen always on the lighthouse

An as yet



2019.

Dolophones conifera (wrap-around spider) -





Birds also displayed their seasonality - the Tree Martins of November trips had migrated to northern parts of Australia, perhaps to New Guinea or Indonesia. Beautiful Firetails were seen further down the main track towards the Haulage,

Highlights were finding a new (to me) handsome Wolf spider Venatrix penolaa and the spectacular ambush hunting spider Arkys alticephalus—(the 'head' is facing down to the left.)

but no juveniles were seen close to the houses as in November.

To my relief, frequent visitors were the huge flocks of (up to 50) Yellow-tailed black cockatoos, seen daily, after only seeing a maximum of 3 in one day last November visit. Three White-bellied Sea Eagles were seen together on some occasions and at least one or two birds seen a couple of times a day on their sorties around the island. It was exciting to get a close-up of a juvenile Brown Goshawk at the top of the Haulage -'under cover', seeking prey. Crescent Honey-eaters, New Holland Honey-eaters and Silvereyes were numerous feeders. Also very nice to have a pair of Flame Robins around the house.

Also finding the endemic Tasman Island snail, recorded during the Hamish Saunders blitz but not since! Out in the field - finding a Lewin's Rail 'run' – a hollowed trail in the grasses. A magic moment was when we heard the Lewin's Rail grunting, coughing....extraordinary sounds very close to us, which continued as we worked finding invertebrates! No Rails were seen this trip, but definitely heard! Plus of course, the myriad invertebrates found in the foliage – a whole hidden world we would not have seen without Keith's beating technique! Keith will have many more fascinating observations to show and hopefully identifications for many, though we think there will be a number of undescribed species to add to the lists!!

In November 2019, dry conditions had made a mark on the vegetation. Things looked dry and some appeared to be dying. This trip was a marked contrast with



Field Naturalist & volunteer Amanda Thomson Photo Keith Martin-Smith



revived plants especially along the coast where the *Allocasuarina crassa* is found, above the Monkeys. Fewer plants were in flower, but the Banksia cones were obviously 'ripe' as the Yellow-tailed black cockatoos sat and feasted on them.

This was a wonderful trip as usual, now adding a Field Naturalists bent to all the hard yakka all the other members did, in mowing, painting, cooking, weeding and restoring buildings. First timers Ingrid, Nikki and Ian (Wally) did a great job! (Ingrid

painting, weeding and cooking. Nikki – Brushcutter supreme, weeding and cooking assistant. Ian – general maintenance, carpentry, and restorative repairs.

I need to make special mention of two very important, dedicated members of this and many previous working bees—Glenda and Ron Fehlberg. Together they have many years of experience of remote places, particularly lighthouses. Ron being responsible for all sorts of repairs – mechanical, plumbing, electrical and carpentry, plus being a very good photographer. Glenda, who sometimes assists Ron, is a cook extraordinaire, her expertise is managing the food and keeping the household like home. Organising, procuring the food for nine people and making two meals a day for 10 days is no easy task. Keeping food fresh is a battle and a work of art in itself, with limited space and reliance on a generator to have the fridge on. Glenda accommodates different diets, produces wholesome, delicious, nutritious meals and morning and afternoon teas, and fresh yoghurt for breakfast! We are hoping this is not their last trip to Tasman Island. Thank you both – from everyone!!



Ron & Glenda Fehlberg

Most importantly, thank you to Carol for her support in making this happen. Our natural world is under threat in much of the world and these isolated islands are wonderful studies in biodiversity and ecology. Tasman Island is such a special place!



Wild Radish

Tasman Island had a wonderful Spring in 2020 with ample rains and prolific plant growth across the whole island. These conditions extended into the Summer and Autumn of 2021 as well, resulting in the vegetation being more like a normal Spring rather than the dry crispy foliage we often experience during Autumn working bees.

It was very pleasing to see that there was no evidence of annual grasses (Barley grass (Hordeum murinum) and Great brome spear grass (Bromus diandrus.) that had been pulled from around the mown areas between Quarters 1 & 2. Removing these seed heads during the November 2019 working bee and the policy of limiting the disposal of

grass clippings from this area to the compost tank has had a significant impact in controlling these annual grasses.

A combination of factors (season and the Covid19 cancelled working bee) has resulted in a huge increase in

the number of the main active weed species on the island. A record number of 8,772 Californian thistles were sprayed. Every day on the working bee was utilised in spraying these thistles as only one person had Chemcert accreditation. For comparison, the previous spraying in the November 2019 working bee was 2280. Unfortunately, an estimated 30% of the plants present had already set seed, so a lot of seed has been dispersed.

The Yarrow on the South Eastern side of Quarters 3 has also taken advantage of the conditions. Ingrid and Nikki dug out approximately 1,000 plants over the four

main sites. Only one immature flowering seed head was identified and removed, so no seed was set. The Yarrow was very difficult to spot amongst the thick grass and Ingrid and Nikki did a great job identifying and removing them.

The other main active weed on Tasman Island is the Wild radish. Wild radish is one of the most widespread and competitive broadleaf weeds of Australian cereal-growing regions. It is highly persistent, due to strong seed dormancy and able to produce large numbers of seeds. This too, has thrived and set seed in the old garden area. 14 very large(1.4M) mature plants were identified and removed plus another 20 juvenile plants at two other pegged sites.



Californian Thistle mature seed heads

Californian Thistle Mature seed head dispersal

It is clear that there will be a lot of weeds to both monitor and remove in Spring, so this needs to be considered when planning for the next working bee.



An illustration of the length of the root system of the weed Yarrow

Photo: Brett Hall

My very first introduction to Tasman Island came at an early age; as the daughter of a yachtsman, the significance of this landmark—geographically, navigationally, geologically and historically—was impressed upon me as we circumnavigated its shores on a day when the weather was kind and the sea calm.

Later in life I gazed upon it from the opposite clifftops as a walker on the Three Capes track, the island revealing itself momentarily from behind a veil of mist, once again commanding my attention, imagination and reverence.

But it was as a passenger on a Pennicott boat that I finally resolved to contribute, however small, to the preservation of this tiny corner of the globe; this enormous 'wedding cake' that imposes itself on the roughness of the windy seas at the tip of Tasman Peninsula.

Not for a moment could I have foreseen the opportunities and treasures that would lay themselves before me when I joined the Friends of Tasman Island, most notably the people themselves; a variety of dedicated, generous, welcoming individuals who combined form the well-oiled machine that is FoTI. The vast array of knowledge, skills, experience, ideas, creativity and resourcefulness is impressive and wonderful; these are some serious passionate individuals who truly love their island!

And it's not hard to see why. In April 2021 I was exceptionally fortunate to be presented with the opportunity to participate in the Easter Working Bee. It is hard to summarise the experience in words, but I can categorically state that, for me, it has been life affirming.



Arriving by air was an exhilarating moment, partly because I'd never flown in a helicopter before, but also because the approach to Tasman Island was breathtakingly stunning. The views of the island from above formed the perfect introduction to the ruggedness and isolation of this special place, its lighthouse and quarters firmly planted, like sentinels steadfastly waiting for much-needed care and attention.

I had no expectations or pre-conceived ideas of what the island, the people or the working bee would be like. All I knew was that I was blessed to be there. The walk towards the lighthouse from the helipad reinforced to me the remoteness, the grandeur, the privilege

of being there; the 'Tasman National Park' sign prompting much internal excitement for me, tangible evidence that I was indeed finally there!

The unpacking, settling in, induction and island tour ran smoothly and efficiently, thanks to the expertise of the experienced team members whose friendly, supportive and welcoming nature became instantly apparent. As a 'newbie' I felt safe and at ease amongst the 'strangers' who would quickly become very dear to me; a reassuring prospect considering escape was not a viable option for any of us!

Although we arrived under grey, ominous skies, the weather was exceptionally mild and conducive to all manner of outdoor tasks. No time was wasted getting started, and I was impressed by the leadership, enthusiasm and motivation displayed by all. It was obvious from the outset that we were to take advantage of the favourable conditions and plough as much energy and effort in to completing some of the external jobs from the exhaustive 'to do' list. Regardless of where I was or what I was doing I felt like a kid in a candy store—unquestionably content! Everywhere I looked there was something fascinating to take in, and the profound privilege of working in such an amazing 'office' was never lost on me. In fact, I don't think I've ever been so happy squeezed between a mouldy wall and a water tank!



Over the course of subsequent days everybody continued with the tasks they'd been assigned - priorities dependent upon time, weather and availability of materials. I thoroughly enjoyed my time on the brush cutter, all the while refraining from the temptation to cut my name into the scrub so it could be seen from space. There were frustrating times too, moments when despite my best efforts I had to admit defeat and seek assistance from others. Thankfully, nothing was ever too much trouble and everyone was willing to help, such was the level of teamwork and camaraderie.

Of course, it wasn't all hard work and no play. Time was set aside to explore the stunning landscape and all it had to offer. We had the chance to drink in the beautiful sunset from the western clifftops, watch the magnificent sunrise whilst traversing the eastern edge, experience the thigh-burning descent to The Landing and subsequent ascent of the haulage way, and explore some of the more unusual features to the north-

west. Having field naturalists amongst the group opened my eyes to the myriad of insect, bird and plant life that thrives on the island, often unnoticed or unseen. Their passion for the natural world coupled with their inherent inquisitive nature remined me of what it was like to be a child again—to be captivated and totally fascinated by all things weird and wonderful.

The nights were beautiful, especially under clear skies. The blue-black backdrop of the cosmos, punctuated by billions of stars so bright you could almost touch them, was mesmerizing and spellbinding. To top it off, if such a thing is possible, the lighthouse provided its own spectacular light show with great, rhythmic beams emitted out into the darkness while simultaneously projecting hypnotic, kaleidoscopic illuminations against the tower ceiling.



A forecast of bad weather put a premature end to our stay. Admittedly, I would have been happy to be 'stranded' for several more days, keen as I was to hunker down and experience some 'real' island elements, but it was not to be and we were ushered off safely and without incident. Although my time was cut short, I am utterly grateful to have been able to contribute and I am so looking forward to the opportunity to return. Thank you, Friends of Tasman Island. Thank you, Easter Working Bee Team of 2021 — you are legends!



It was a long way to come, but lighthouse enthusiasts will go to great lengths to see the highest operating lighthouse in Australia on Tasman Island. John Best, a Trustee of the Association of Lightkeepers (ALK) in the UK, had travelled to Australia to see his daughter, and of course looked for lighthouses to visit while in the antipodes. Tasman Island was high on his list, and as luck would have it, the Rotary trip in April 2018 was a-goer that year. This was my introduction to the ALK which I joined not long afterwards.



Like many other groups during the Covid lockdown, ALK has had a number of Zoom sessions which enabled members from outside the UK to join in. However, because of the time difference, here in Tasmania I had to get up at 4am to hear an interesting and informative talk by the CEO of the Northern Lighthouse Board, Mike Bullock, attended by about 60 members from the UK and abroad.

In the UK there are three separate authorities which oversee the operation of lighthouses – the Northern Lighthouse Board (NLB) in Scotland and the Isle of Man; Trinity House in England, Wales, Channel Islands and Gibraltar; and the Commissioners of Irish Lights in Ireland.

As with the Australian Maritime Safety Authority, the NLB works under the International Association of Marine Aids to Navigation & Lighthouse Authorities (IALA) to standardise Marine Aides to Navigation across the globe.

The NLB, established in 1786 under the Merchant Shipping Act, has "the superintendence and management of all lighthouses, buoys and beacons within their respective areas" - its current headquarters being in Edinburgh.

Funding mainly comes from 'light dues' which are levied on commercial and larger pleasure vessels calling at its ports and held in a fund by the General Lighthouse Authorities. The fund's sole purpose is the maintenance of lighthouses with NLBs annual budget being around £25 million.

The NLB is managed by a Board of Commissioners, established by an Act of Parliament, and oversees a coastline of approximately 10,000 kilometres with 790 offshore islands. Aids to Navigation under their jurisdiction include 207 lighthouses, 170 statutory buoys, 23 Beacons, 104 Commercial Buoys plus the superintendence of over 2000 AtoNs, 130 Oil and Gas Platforms and 500 Aquaculture sites as well as Radio Navigation Aids. The oldest lighthouse, on the Isle of May, was first lit in 1635 and despite its rudimentary construction was regarded, in its time, as one of the finest in existence. The current ornate tower was established in 1816 and the station demanned in 1989.

The Stevenson dynasty of engineers were employed by the NLB for over 150 years, designing most of Scotland's lighthouses. In 1802, Robert Stevenson recommended lighting the Calf of Man to meet the needs of shipping in that area. The NLB won a tender and also maintains lighthouses in the Isle of Man, despite the fact that the island is not part of the United Kingdom but a self-governing British Crown Dependency - as are Jersey and Guernsey in the Channel Islands - with its own parliament, government and laws.

The NLB makes educational visits to schools and careers events and also has a programme of apprenticeship training. In its operations, the NLB is committed to what is right for the environment, avoiding work during the nesting season for seabirds and endeavouring to reduce its carbon footprint. It runs two Lighthouse supply ships, *NLV Pole Star* and its newer cousin *NLV Pharos*. As Patron of the NLB, the Princess Royal (Princess Anne) makes annual visits to lightstations around the coast.

Public access to lighthouses is limited as many lightstations are now in private hands, either as private residences or holiday accommodation. For this reason, volunteer groups such as we have here in Tasmania, are not viable. However, Retained Light Keepers are locally employed to bridge the gap between lighthouses and the general public, and carry out various duties.

Mike's talk finished with a series of spectacular photos of lighthouses in Scotland and the Isle of Man.

In Salutem Omnium – for the Safety of all.



https://www.nlb.org.uk/lighthouses/isle-of-may/

CHECK OUT OUR MERCHANDISE NOW AVAILABLE IN THE WILDCARE SHOP

https://wildcaretas.org.au/product-category/tasman-island-collection/

FLORA & FAVNA OF TASMAN ISLAND

Five large high quality cards with envelopes. Each card tells a story about the flora & fauna of Tasman Island. Thank you to Ailsa Fergusson, David Veronica Steane, Edgar, Veronica Steane, Amanda Thomson & Skeat Andrews who donated the art work for this series.

Thanks to Luke Wagner (archivalink.com.au/) cards are printed on fine archival paper.

This pack of 5 cards \$35





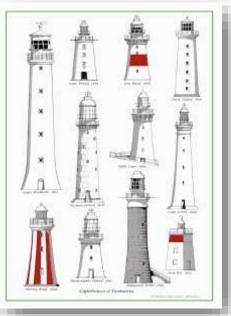
Supporter's Pack includes:

Lighthouses of Tasmania tea towel. Cardboard Lighthouse kit, Tasman Island pocket book, FoTI supporters patch, Tasman Island bookmarks & cards

\$50

Supporters Patch Featuring FoTI's logo, Designed by Gavin Reynolds \$15





ighthouses of Tasmania tea towel Designed by Peter Gouldthorpe \$15 **EXCLUSIVE TO FOTI**

FOTI ARTISTS' CARDS

This series includes 5 different images by Tasmanian artists. Each card captures a story about the bygone days of lighthouse keeping. Thank you to FoTI volunteers Peter Gouldthorpe, keeping. Thank you to FoTI volunteers Peter Gouldthorpe, David Davenport, Kate Hansford, Amanda Thomson & Luke Wagner, who donated the art work for FoTI's Tasman Island Artists' Series of of cards.

Thanks to Luke Wagner (archivalink.com.au/), the cards are





TASSIE'S SOUTHERN LIGHTS:

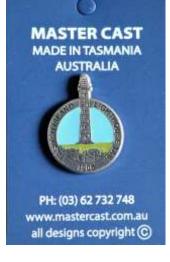
For all lighthouse-lovers.

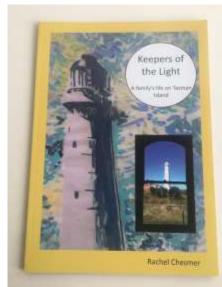
Four cut-outs of Tassie's Southern Lights – Tasman Island, Maatsuyker Island, Cape Bruny and the Iron Pot. Made in Tasmanian Oak or Myrtle, 13 cm to 16 cm in height, they can double as Christmas Tree decorations or Fridge Magnets – coloured ribbons and magnetic strips supplied.

Only \$40, including postage and packaging.

For all lighthouse lovers & collectors of lighthouse memorabilia, this is for you:
A cast of the original Tasman Island tower, custom made in Tasmania

\$13 + postage within Australia





Keepers of the Light: A family's life on Tasman Island by Rachel Chesmer \$20 including postage within Australia

If like many, you have a love for Tasman Island and haven't had the opportunity to visit yet, you will feel the stories of the families who have lived there, the illustrations and photographs will inspire you and give a glimpse of what life was like for the lighthouse keepers' families, a life still living in these memories. First 10 sold will be signed copies

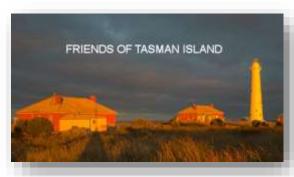


Photo Chris Ames

FOTI MEETINGS:

2020 was a difficult year for everyone. Covid 19 restrictions kept many of us isolated from our friends and family as well as the activities we enjoy. However, there was one positive—FoTI members from all around the State were able to get together, albeit by Zoom, each month. However, post-Covid we are now able to meet face-to-face at the Cascade Brewery Bar on the 3rd Thursday of each month. Zoom sessions will be held from time to time with special presentations of interest.

All welcome. We look forward to seeing you there.

WILDCARE BRANCH PAGE:

FoTI has been a member of Wildcare for 16 years, currently with 143 active members. To celebrate, our Branch page has been updated and photos of our more recent activities added to the Gallery. Go to https://wildcaretas.org.au/branches/friends-of-tasman-island/ to read all about us and click on Gallery to see the photos.

Parting Shots



A 'rogue's gallery' of insects, photographed during a field naturalists' survey of Tasman Island during FoTI's April 2021 working bee by Keith Martin-Smith & Amanda Thomson

- Pseudoscorpion—Amanda Thomson
 Spilosoma glatignyi Black & white Tiger moth—Amanda Thomson
- 3. Jumping Spider(Jotus) —Keith Martin-Smith
- 4. Inchman—Amanda Thomson
- 5. Damselfly—Amanda Thomson6 Wasp—Amanda Thomson
- 7 Huntsman spider—Amanda Thomson

