2022

ANNUAL REPORT

Reef Life Survey Foundation

RLSF 2022 ANNUAL REPORT

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The Reef Life Survey Foundation is a non-profit environmental organisation. Donations to the RLSF are tax-deductible and support ongoing monitoring of the marine environment around Australia. www,reeflifesurvey.com

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OUR VISION

Improved knowledge & condition of reef systems

OUR MISSION

To inspire & engage a global volunter community to survey reefs using scientific methods, & share knowledge about the marine ecosystem

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RLS BOARD



Rick Stuart-Smith President



Margo Smith Community Dive Representative



Graham Edgar Executive Officer



Peter Mooney Management Representative



SECRETARIAT

Antonia Cooper RLSF Treasurer & Logistics/Data Officer

Margo Smith Safety Officer

Ella Clausius Communications Officer (outgoing)

John Turnbull Eastern Australian RLS Coordinator

Jamie Hicks Southern Australian RLS Coordinator

Paul Day Western Australian RLS Coordinator

ADVISORY COMMITTEE

Danny Brock/Jamie Hicks SA DEWNR - Management

> Andrew Green RLS diving community

> > Graham Edgar

IMAS - Science

Tom Holmes

Nathan Knott

Bryan McDonald

WA DBCA - Management

NSW DPI - Management

NT DPIF - Management

Tess Hoinville Parks Vic - Diving & Monitoring

Parks Vic - Management

Peter Mooney

Michael Sams

Management

Cath Samson Parks Australia - Management

> Ian Shaw RLS diving community

> > **Rick Stuart-Smith** IMAS - Science

Jacqui Pocklington Victorian diver rep

Neville Barrett

IMAS - Science

PRESIDENT'S REPORT

Reflecting on the year of RLS activities in the annual report always reminds us of how much can be achieved by a large team of dedicated people with shared passions – that the sum of the parts is astonishingly large. Even in 'quieter' years, the quantity and geographic span of data collected, the quality and number of data products and outputs, and the varied and wide usage of RLS data is impressive, to say the least. While the rest of this report summarises the continuation of such achievements and focusses on the cogs still turning in the RLS machine, I wanted to use this opportunity to reflect on some of the things coming to an end. To celebrate some of the aspects of RLS that may not feature in another future report, or not captured in the stats.

In terms of activities, the completion of the second lap of Australia, supported by The Ian Potter Foundation and Minderoo Foundation is more than the numbers of sites, surveys, divers and public presentations (see pages 18-19 for the overview). Prior to RLS, very few surveys of reef biodiversity had been done outside particular areas of management importance (e.g. for marine protected areas or for industry development), and even these were done using different methods in different places, and with huge gaps around the coastline. The 2010 RLS lap of Australia provided the first complete national picture of reef diversity, and in incredible detail. The repeat 'lap of Aus' has provided a completely unmatchable opportunity for scientists, government, and the public to see how reefs look now compared to a decade ago. It provided valued and important inputs into the latest national State of the Environment report, and surely makes Australia unique on an international stage in terms of how much we can know about our reefs and how they are changing - in temperate and tropical coasts and offshore. And analyses of this change have only just really started much more remains to be learned from the incredible dataset generated through the lap of Aus. The value of this cannot be summarised by any stats, and is not even close to being fully realised yet.

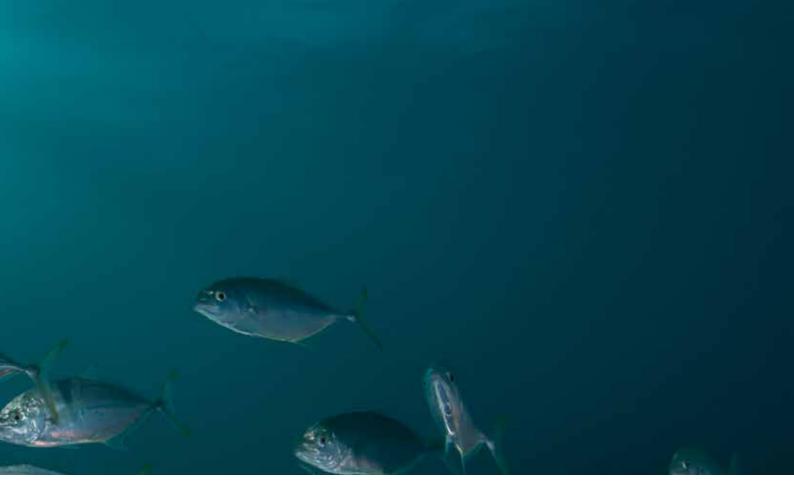


Then there are people. People who have been important in getting RLS to where it is now, who will be in different roles by the time the next annual report comes out. Ian Shaw has served on the Advisory Committee (AC) since the inaugural planning meeting for establishing RLS in 2007 and is stepping back from his AC role in 2022. Among many contributions to RLS, 'Shawrie' has been on the committee for deciding which RLS members are awarded the Scoresby Shepherd Awards each year. He was ineligible to win the award in previous years because of this, and so this year he is a very deserved recipient of the Distinguished Contribution Award. Tom Davis was one of the original RLS divers trained in 2007, and has been an important and exceptional RLS trainer for over 6 years. Training requires sacrifices of not just time, but also mental energy, patience and sometimes even sanity! Tom is stepping back from a formal training role this year. I would like to thank lan and Tom for their contributions beyond regular surveys, on behalf of the RLS board, AC and secretariat.

Looking to the future, it will be important for experienced RLS members to step up and take on new roles. This comes with opportunities to bring fresh energy and ideas, and it will hopefully mean exciting times ahead. So while thanking all the RLS members for another great year, this is also a call for members to think about how their 'part' could be changed in a way that helps maintain, and even grow, the astonishingly large sum that is RLS.

Rick Stuart-Smith, RLSF President

ZOZZ IN RVEVEN



2021/22 HIGHLIGHTS

'Lap of Aus' project completed

Over the course of the 2020 'Lap of Aus' project, 94 RLS divers, including 20 newly trained divers, conducted 1,920 biodiversity surveys across 681 shallow reef sites. This survey effort represents more than 9,600 hours of volunteered time from the divers alone, or more than \$442,000 in in-kind contributions to the project.

READ MORE HERE.

Victorian RLS team grows with Coastcare grant.

With thanks to Victorian RLS Coordinator, James Chong, RLS was successful in receiving a small grant to enhance the Victorian RLS diver network, with particular focus on training and education. RLS will work with James over the next 18 months to develop education tools to help with training and grow a sustainable network of divers in Victoria

READ MORE HERE.

RLS data used to create new and updated online tools now available via www. reeflifesurvey.com

2021-22 saw the growth and developement of multiple online resources and data tools using the now combined RLS, ATRC (Australian Temperate Reef Monitoring Network) and historican Parks Victoria datasets:

- Explore global reef health over time with the Reef Life Explorer
- Search and compare thousands of fish and invertebrate species with the Reef Species of the World
- Create custom offline PDF field guides
- Narrow down any unidentified fish photo with the 'lchthy-what' fish ID tool
- Access the raw RLS data via the AODN Data Portal

READ MORE HERE. (click the Outputs tab to explore)

COMMUNICATING GLOBAL REEF CONDITION

SOCIAL MEDIA ENGAGEMENT

As the world learned to live with COVID-19 the RLSF began developing inventive & creative ways to engage this new digital audience.

Videos, infographics and 360-degree virtual reality footage were just some of the educational products created to keep our divers, volunteers, followers and global community engaged & up-todate on the state of the marine environment.

Thanks in part to these innovative online products, the RLS social media channels reached 128,466 users over the financial year and were viewed 290 thousand times.

AODN DATA PORTAL

The National Reef Monitoring Network is a sub-facility within IMOS (Integrated Marine Observing System) that now combines access to the RLS global dataset and two compatible long-term Australian datasets (Australian Temperate Reef Collaboration and Parks Victoria monitoring data).

A lot of work has been done to collate, clean, store and make rapidly available, all data obtained during shallow reef surveys from these programs. This NRMN database now provides online access to the largest collection of compatible quantitative data on shallow reef biodiversity in the world and continues to provide the basis for reporting for government management agencies, public environmental reporting and international biodiversity initiatives, including the State of the Environment 2022 report.

REEF SPECIES OF THE WORLD AND CUSTOM OF-FLINE FIELD GUIDES

The Reef Species of the World pages on the RLS website continue to grow both in use and, thanks to the dedication of RLS volunteers, in the wealth of photos and information available. In addition to the online search functions, Reef Seecies of the World now hosts a powerful custom offline field guide function, allowing users to generate formatted pdf field guides for particular regions of interest, ready for saving locally, or printing for remote field expeditions.

REEF LIFE EXPLORER

Development of the interactive Reef Life Explorer online indicator reporting tool began in October 2019 thanks to funding from the WA State NRM & the Port Phillip Bay Fund.

The Reef Life Explorer provides a unique opportunity for scientists, marine managers and the public to explore the condition of thousands of reefs worldwide and see how monitored reefs have changed through time.

Thanks to the incorporation of long-term monitoring data from the Australian Temperate Reef Collaboration and Parks Victoria, at some locations the data presented in the RLE spans more than three decades. The Reef Life Explorer was updated in mid 2022, as part of a project within the Our Marine Parks Grants program, to reflect new trends and indicators generated from data collected from Australian Marine Parks. these data and trends

REEF LIFE EXFLORER

are now explorable via <u>www.reeflifeexplorer.com</u> This Our Marine Parks Grants project received grant funding from the Australian Government

LIVING OFFSHORE REEFS OF AUSTRALIAN MARINE PARKS

Using a decade of data and images collected from Australian Marine Parks across the country, RLS has released a new hard cover book called, "Living offshore reefs of Australian Marine Parks". The book highlights the incredible diversity of Australian Marine Parks and the fascinating marine life they aim to protect. This product would not have been possible without the vital input from enthusiastic RLS citizen scientist divers. The book will be available for public purchase later in 2022.

WEBSITE INSIGHTS

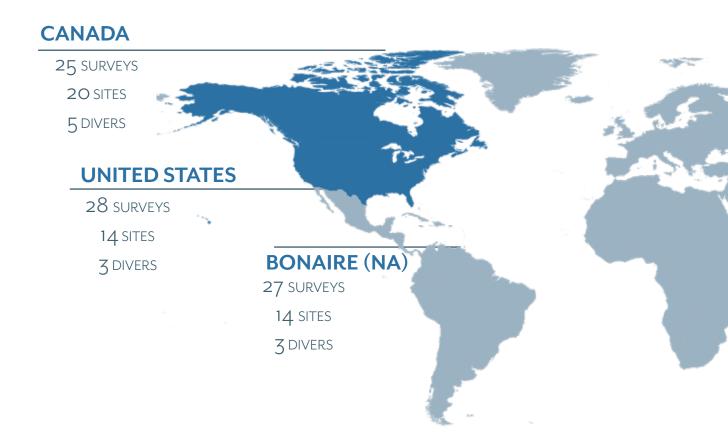
84K WEBSITE SESSIONS (down 11%)

174.8K

WEBSITE PAGEVIEWS (up 13%)

61K WEBSITE USERS from 215 COUNTRIES

2021-22 GLOBAL SURVEY EFFORT





Queensland

110 surveys 58 sites 11 divers

New South Wales

173 SURVEYS 94 SITES 33 DIVERS

Victoria

21 SURVEYS 14 SITES 5 DIVERS

Other Territories

4 SURVEYS 2 SITES 2 DIVERS

Tasmania

9 SURVEYS 8 SITES 4 DIVERS

South Australia

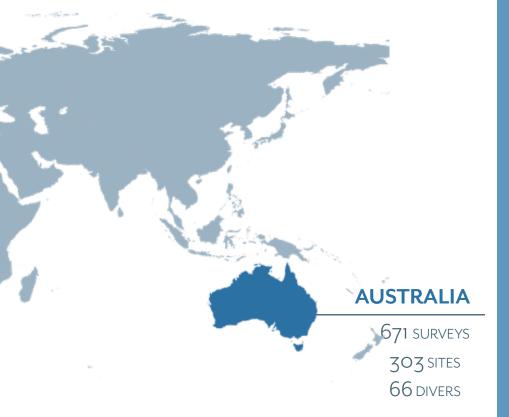
54 SURVEYS 15 SITES 10 DIVERS

Western Australia

152 SURVEYS 69 SITES 13 DIVERS

Northern Territory

78 SURVEYS 45 SITES 5 DIVERS



3,755

VOLUNTEER HOURS CONTRIBUTED

D

COMPLETED: AIM WAS TO RESURVEY **500 ORIGINAL SITES**

681

SITES RE-SURVEYED

1920

SURVEYS COMPLETED AS PART OF THE LAP OF AUS

94

DIVERS INVOLVED

100% LAP OF **AUSTRALIA**



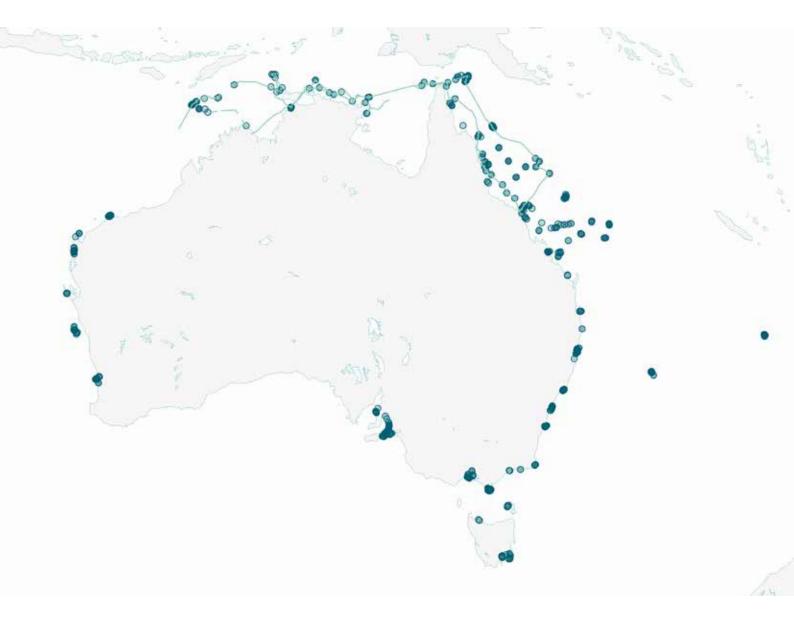
Over the course of the 2020-2022 'Lap of Aus' project, 94 RLS divers, including 20 newly trained divers, conducted an impressive 1,920 biodiversity surveys across 681 shallow reef sites. This survey effort represents more than 9,600 hours of volunteered time from the divers alone, or more than \$442,000 in in-kind contributions to the project. Across the 675 sites surveyed, divers recorded the size, abundance and presence of 1,343 fish, reptile and mammal species, and 663 species of mobile macro-invertebrates. Surveys were conducted in all Australia states & territories (bar the ACT), including off-shore Norfolk Island and the Coral Sea. These surveys provide an important window into the state of Australia's inshore reefs, and, in conjunction with the data collected during the original 'Lap of Aus', will allow for a comprehensive assessment of decadal trends in reef communities across the continent.

While Covid-19 made field activities more difficult, dedicated local teams were able to opportunistically survey their areas when safe to do so once restrictions started to ease in some states.

Data collected through this project have fed into a diverse range of research projects, including by the project team at UTAS (including by 6 PhD students) and collaborations with The Smithsonian Institution (USA), University of Victoria (Canada), University of Montpellier (France).

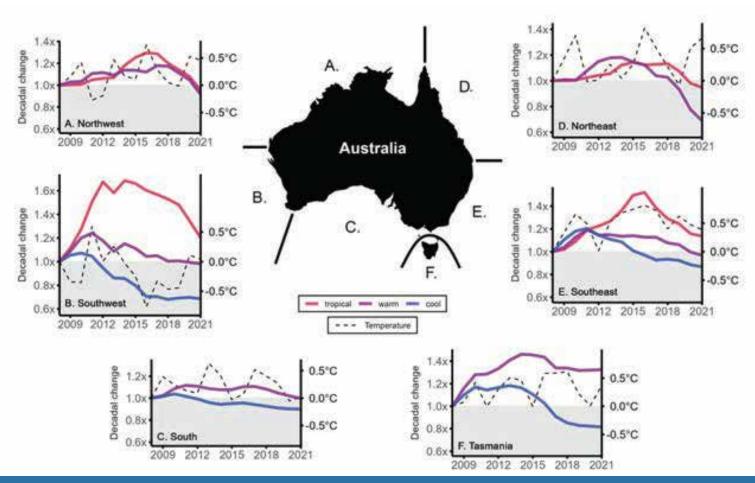
Department for Environment and Water South Australia, Deakin University (VIC), University of NSW and the Sydney Institute for Marine Science. Over 500 scientific documents cite RLS data (based on Google Scholar), with 180 of these published during the course of the project (at least 80 of these peer-reviewed scientific papers). 'Lap of Aus' project data and findings have contributed to a number of presentations at online conferences and scientific seminars/ webinars, including the World Congress on Marine Biodiversity (invited plenary at international conference by Professor Graham Edgar, Dec 2020), James Cook University (webinar by Associate Professor Rick Stuart-Smith April 2021), EuroGOOS (invited plenary at international conference, by Rick Stuart-

Smith, May 2021), Smithsonian Institution's MarineGEO (webinar by Rick Stuart-Smith, July 2021) & Australian Government's DAWE Innovation Hub (webinar by Rick Stuart-Smith, Aug 2021).

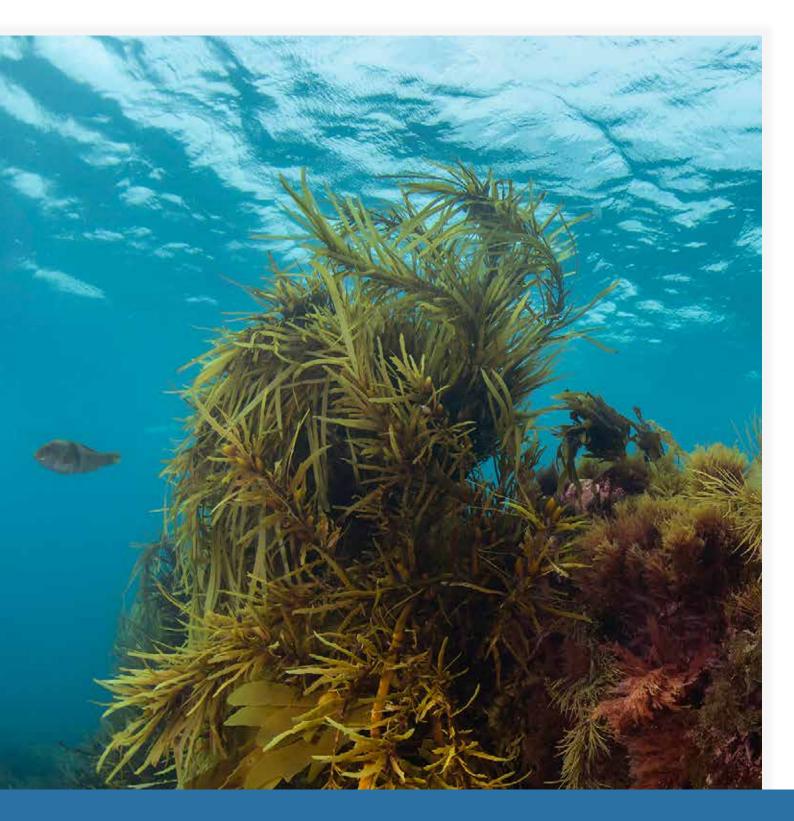


THE FIRST CONTINENTAL-SCALE ASSESSMENT OF POPULATION TRENDS IN REEF SPECIES AROUND AUSTRALIA

By combining RLS records and data from other long-term ecological monitoring programs with similar methodology (the Australian Institute of Marine Science and the Australian Temperate Reef Collaboration), Edgar et al. assessed the changing nature of reef populations around Australia over the past decade. This analysis included 1,058 common shallow reef fishes, corals, echinoderms, molluscs, crustaceans and seaweeds observed at 1,642 sites around the continent since Reef Life Surveys commenced in 2008. We found more species (57%) with populations declining than increasing. Populations of many tropical fishes, temperate invertebrates (particularly echinoderms), and southwestern macroalgae decreased, while, contrary to expectations, coral populations remained relatively stable. Population declines of cooler water species typically followed years when water temperatures exceeded ~0.5°C above long-term average. Over 30% of invertebrate species are trending towards extinction along the southern Australian coast and Tasmania, with rapidly declining populations, rising sea temperatures, and nowhere poleward to retreat. We conclude that greater conservation effort is needed to safeguard temperate marine ecosystems, which are disproportionately threatened and possess a very large proportion of species (~80%) restricted to the Australian continent.



Average population trends relative to 2008 for species categorised within three biogeographic groupings for six regions around Australia. Cool water species (which prefer mean water temperatures below 17.5°C) are declining in all regions where present, while tropical species (which prefer mean water temperatures above 23°C) increased greatly in the Southeast and Southwest. Change in mean temperature from 2008 values for each year is overlaid as a dashed line, highlighting a huge increase in tropical species in the Southwest following a heatwave in 2011, and in the Southeast following a heatwave in 2016.



A DATION VS



OF INVERTEBRATES IN SOUTHERN AUS TRENDING TOWARD EXTINCTION



OF SPECIES INVESTIGATED (1,058) SHOWING POPULATION DECLINES

'INCREASING THE VISIBIL OF TRENDS IN WA'S MARI BIODIVERSITY' PROJECT

The 'Increasing the visibility of trends in WA's marine biodiversity' project, funded by the <u>WA State NRM</u>, worked to increase the community capacity to actively contribute to Western Australia's marine conservation goals, and expand public knowledge on the health of reefs.

This project concluded in 2022, with the Ningaloo survey expedition marking the final data collection for this project. In summary, 19 RLS volunteers completed 257 surveys across 63 long-term monitoring sites at <u>Rottnest Island</u> and <u>Ningaloo Reef</u>. Of these, 9 divers were trained in RLS methods or upskilled in tropical surveys.

This project contributed to the development of the Reef Life Explorer, a powerful interactive online tool which allows users to explore trends in reef health over time Nine indicators of reef ecological health are displayed in the RLE, including the Reef Fish Thermal Index and Large Reef Fish indicators, both of which are used in national State of the Environment reporting and to track larger scale progress towards targets for international agreements: www.reeflifeexplorer.com





natural resource management program



257 SURVEYS COMPLETED

63

SITES SURVEYED

541

SPECIES RECORDED

19

DIVERS INVOLVED (including 9 new and up-skilled divers)

5210 VOLUNTEER HOURS



THE SCORSEBY SHEPHERD AWARDS

For outstanding voluntary contributions to the Reef Life Survey Foundation





THE SURVEY PRIZE

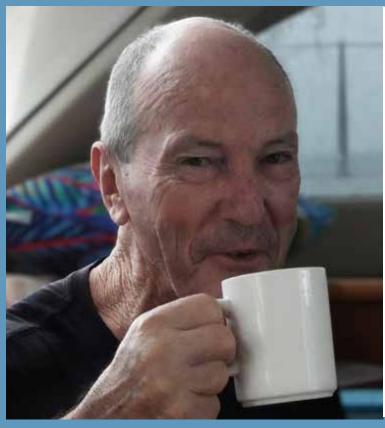
For the RLS member who contributed to the greatest number of surveys during the year

KIRSTY WHITMAN

This year's Survey Prize was awarded to Queensland diver, Kirsty Whitman, for contributing to 72 surveys at sites spanning The North-west shelf, Whitsundays, Great Barrier Reef, Oceanic Shoals, Torres Strait and the Coral Sea.

Honourable mentions go to Wendy Hutchison, Alicia Sutton, Kevin Smith and John Turnbull for their survey efforts throughout the year.





THE DISTINGUISHED CONTRIBUTION AWARD

For the RLS member who made the greatest voluntary contribution during the year by means other than surveys IAN SHAW

Shawrie' has contributed an extraordinary amount of time and expertise to RLS from its inception, including serving on the advisory committee, the SAS awards committee and as a local coordinator for northern NSW. But perhaps his contributions are most visible to other members and the public through his stunning images and assistance in curating the Reef Species of the World pages. Honourable mentions must go to Yanir Seroussi for donating his incredible database and web processing skills, Tom Davis who has been with RLS since the very beginning, not only as divers, but as invaluable coordinators and trainers. This year Tom decided to step down from his role as Trainer, however we hope he will participate in many more trips to come and we thank him for donating years of expertise and time, and finally Wendy Hutchison for allowing the Geographe Bay to continue each year with her generous hospitality. Each year she and Chris host the team at their property and help with boat support.



REPORTS & PUBLI PRODUCE

MANAGEMENT & SCIENTIFIC OUTPUTS HIGHLIGHTS

The aesthetic value of reef fishes is globally mismatched to their conservation priorities Langlois, J., Mouquet, N., et al 2022 PLoS Biol 20(6): e3001640

Sea temperature and habitat effects on juvenile reef fishes along a tropicalizing coastline McCosker, E., Stuart-Smith, R. D., Edgar, G., Steinberg, P.D., Verges, A. 2022 Diversity and Distributions, Vol 28, Issue 6 Marine Ecology Progress Series, vol. 688, pp. 167-17

Using the background of fish photographs to quantify habitat composition in marine ecosystems Bolt, MH, Callaghan, CT, Poore, AGB, Verges, A & Roberts, CJ 2022 Marine Ecology Press Series, Vol 688: 167-172

<u>Cross-ocean patterns and processes in fish biodiversity on coral reefs through the lens of eDNA</u> <u>metabarcoding</u> Mathon, L., et al. 2022 Proc. R. Soc. B.289 20220162

<u>Reef communities show predictable undulations in linear abundance size spectra from copepods</u> <u>to sharks</u>

Heather, FJ, Stuart-Smith, RD, Blanchard, JL, Fraser, KM & Edgar, GJ 2021 Ecology Letters, vol 24, no 10, pp2146-2154

A standardized national assessment of the state of coral and rocky reef biodiversity Mellin, C, Edgar, G, Emslie, M, Barrett, N, Turak, E, Gilmour, J & Stuart-Smith, R 2022 Report to the National Environmental Science Program, Marine Biodiversity Hub.

Biodiversity change across the Coral Sea Marine Park over the past decade including impacts of severe heatwaves.

Heather, F, Stuart-Smith R, Cooper A, Oh E, Turak E, and Edgar G. 2022 Report to Parks Australia, Department of the Environment

Biological trade-offs underpin coral reef ecosystem functioning Schiettekatte, N.M.D, et al.2022 Nature Ecology and Evolution. Vol 6, 701-708

Assessing Social-Ecological Vulnerability Of Coastal Systems To Fishing And Tourism Lazzari, N., Becerro, M.A., Sanabria-Fernandez, J.A. and Martín-López, B. 2021 Science of the Total Environment Vol784, article 147078

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STATE MORAL

FINANCIAL SUPPORT

Reef Life Survey would like to thank the following people for their financial support over the 2021/22 financial year.

COLLEEN MORRIS

Colleen has provided enormous voluntary support & much appreciated expertise to the financial record-keeping of the RLSF.

MICHAEL MULLER

Michael has generously supported the RLSF since the organisation's incorporation in 2011. RLSF sincerely thank Michael for his invaluable accounting advice & quality auditing.



FINANCIAL REPORT

RLS INCORPORATED

The RLSF Incoporated account spends & receives grant funding and other income.

Budget Category	Subcategory	Amount
Income	Grants	\$123,619
	Other Income Public Fund Expenses paid by Inc	\$7,961 \$148,633

\$280,214

Total Income

	Subcategory	Amount
Expenditure	Accounting	\$1,660
	Travel	\$30,992
	Field Expenses	\$31,247
	Communications & Promotions	\$11,104
	Yacht Running Costs	\$3,185
	Professional Services (e.g., Photo Quadrat scoring & Coordinator costs)	\$123,684
	Materials & Supplies	\$16,035
	Insurance	\$2,603
	Web Development	\$97,553
	Depreciation expenses	\$1,320
	Safety Equipment	\$4,131
	Sundry	\$148
Total Expenses		\$226,013
Operating Profit		\$54,200



MARINE PUBLIC FUND

The Marine Public Fund is the account through which donations to the RLSF are spent & received.

Budget Category	Subcategory	Amount
Income	Donations (\$193,386 from The Ian Potter Foundation Grant)	\$195,400
	Merchandise	\$0
	Membership	\$1,750
Total Income		\$197,151
	Subcategory	Amount
Expenditure	Depreciation expenses	\$3,200
	Travel	\$9,461
	Field Expenses	\$25,597
	Safety Equipment	\$149
	Insurance	\$159
	Communications, Web & Promotions	\$6,727
	Professional Services	\$15,373
	SAS Award	\$500
	Bank Fees (PayPal)	\$73
Total Expenses		\$209,872
Operating Profit		-\$12,722



BALANCE SHEET

RLS INCORPORATED

Assets	Subcategory	Amount
	Foundation Account	\$274,406
	Petty Cash	\$29
	Equipment	\$26,380
	Debtor - Public Fund (IPF spending)	\$148,633
Total Assets		\$449,448
Liabilities	Subcategory	Amount
	GST Collected	\$20,414
	GST Paid	-\$11,744
	Creditors - trade	\$10,560
	Unexpended income	\$340,715
Total Liabilities		\$359,946
Net Assets		\$89,502.45
Equity	Subcategory	Amount
	Retained Earnings	\$35,302
	Current Earnings	\$54,200
Total Available Funds		\$89,502



MARINE PUBLIC FUND

Assets	Subcategory	Amount
	Marine Public Fund	\$120,179
	Paypal Account	\$13,272
	Boat	\$32,000
	Debtors - depreciation	-\$8311
	Debtors - sundry	\$560
	Debtors - GST	\$20,414
Total Assets		\$178,114
Liabilities	Subcategory	Amount
	Unexpended income	\$54,235
	Creditors - Public Fund (IPF)	\$148,633
	GST Paid	-\$383
Total Liabilities		\$202,485
Net Assets		-\$24,371
Equity	Subcategory	Amount
	Retained Earnings	-\$11,650
	Current Earnings	-\$12,722
Total Equity		-\$24,371







PARTNERS

Parks Australia

8

Parks Victoria

Port Phillip Bay Fund, Department of Environment, Land, Water & Planning, VIC

The Ian Potter Foundation

The Mohamed bin Zayed Species Conservation Fund

Rottnest Island Authority (RIA)

WA State NRM

Aquenal Pty. Ltd. Australian Ocean Data Network (AODN) Coastcare Victoria Department of Biodiversity, Conservation & Attractions, WA Department of Environment and Water, SA Handfish Conservation Project Institute for Marine & Antarctic Studies, University of Tasmania Integrated Marine Observing System (IMOS) Minderoo Foundation

NSW Department of Primary Industries



SUPPORTERS

Amanda Bates, MUN, Canada Antonia Cooper, RLS/IMAS Cody James, RLS Combined Hunter Underwater Group Colleen Morris Dane Jones, Tas Divers Group David Foster Deakin University Deanne, Muller Accounting Emmett Duffy, MarineGEO, Smithsonian Institute, USA Mikel Becerro, PNA-CSIC, Spain Ella Clausius, RLS/IMAS Environment Protection Authority, SA Friends of Beware Reef Great Lakes Underwater Research Group lan Shaw James Chong Jamie Hicks, DEWNR John Anderson, Forte Web Design John Turnbull

Justin Hulls, IMAS Lizzie Oh, IMAS Lord Howe Island Board Lord Howe Island Marine Park Authority Michael Muller Nature Coast Marine Group Paul Day, Carijoa Conslting Sarah Gracie, UTAS Solitary Islands Underwater Research Group Southend Dive Charters Sumit Gupta, True Arrow Software Tasmanian Divers Group Tess Hoinville, Parks Victoria Tom Davis Underwater Explorers Club of Western Australia Underwater Research Group of New South Wales Wendy Hutchison and Chris Cunnold Western Australian Divers for Diversity Inc. Whitsunday Escapes Yanir Seroussi



Thank you to the following people for con

Alexandra Lea Alicia Sutton Andrew Green Antonia Cooper Ashley Smith Bob Edgar Caitlin Woods Casey Hambrecht Cathie Shorthouse Cayne Layton Chris Westley Craig Smith Danny Brock David Miller Em Lim Fiona McQueen Flora Jennifer



EERS

tributing data to the RLS database over the 2021/22 financial year:

Graham Edgar Heyonji Wembridge Hunter Forbes Ian Shaw Isabelle C<u>ote</u> Jacqui Pocklington James Brook Jamie Hicks Jan Ranson Jessica Nguyen John Turnbull Josh Moloney Joshua Batchelor Justin Gillian Kate Tinson Kevin Smith Kieran Cox

Kirsty Whitman Kris O'Keeffe Lachlan Hall Leah Harper Liz Oh Louise de Beuzeville Madeline Davey Margo Smith Meryl Larkin Michael Brooker Naomi Springett Nathan Knott Nick Mooney Nicola Davis Nyrie Palmer Patrick Smallhorn-West Paul Day Paul Wembridge

Peter Mooney Peter Pfennig Rachel Austin **Reilly Todd** Rick Stuart-Smith Sabrina Velasco Sam Owen San Clarke Scott Ling Simon Bryars Siobhan Gray Sophie Powell Sue Baker Sue Newson Tom Davis Wendy Hutchison Yanir Seroussi