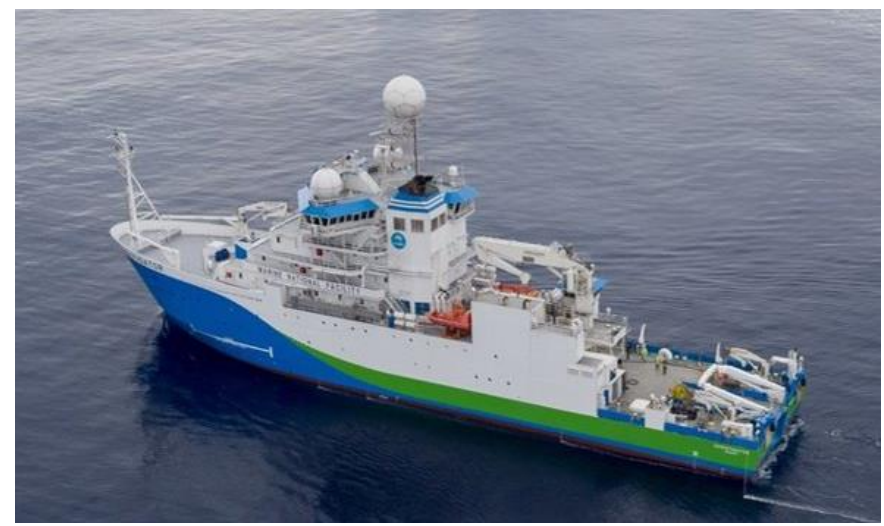
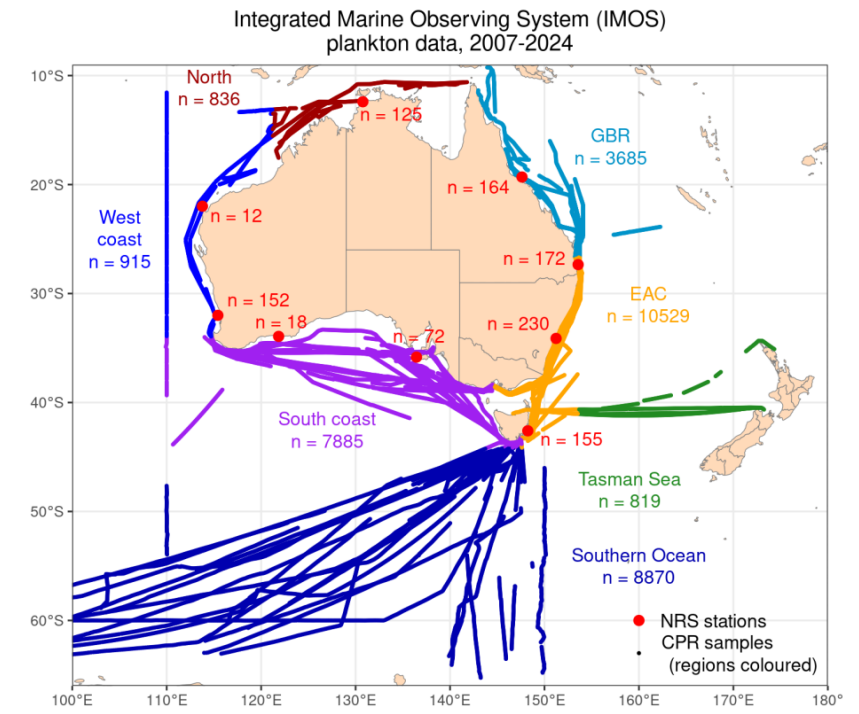


ICES-PICES 7th International
NEW HORIZONS
Zooplankton Production Symposium

2021-2030 United Nations Decade of Ocean Science for Sustainable Development

17-22 March, 2024
Hobart, Tasmania
AUSTRALIA | #ZPS7

ICES CIEM UNIVERSITY of TASMANIA AWP



Mark Baird
CSIRO Environment



I would like to begin by acknowledging the Muwinina people as the Traditional Owners of the land that we are meeting on today and pay my respect to their Elders. I acknowledge today's Tasmanian Aboriginal community as the ongoing custodians of the land and sea and pay my respects to their Elders, past and present.





Commonwealth Scientific and Industrial Research Organisation (CSIRO)

- ~6000 people, 49 sites.
- Environment, Agriculture, Computing, Manufacturing, Minerals ...
- **Technology:**
 - WiFi.
 - Sensors, autonomous vehicles etc.
- **Science:**
 - Atmospheric, oceanographic and terrestrial research.
- **Facilities / Collections:**
 - Australian National Algae Culture Collection.
 - RV Investigator.



CSIRO Marine National Facility – RV Investigator.

- 94 m Length / 18.5 m Beam / 6.2 m Draft
- Up to 40 researchers and technicians.
- 100+ cruises over 10 years.

Towed body winch

Located in the winch room, it has 6000 m of fibre optic and conducting wire for towing the TRIAXUS, Multinet and towed camera systems. It is deployed through the A-Frame.

Trawl winches x 2

Located underneath the gallows below the Back Deck, these provide 8400 m of steel cable for trawling and dredging operations.

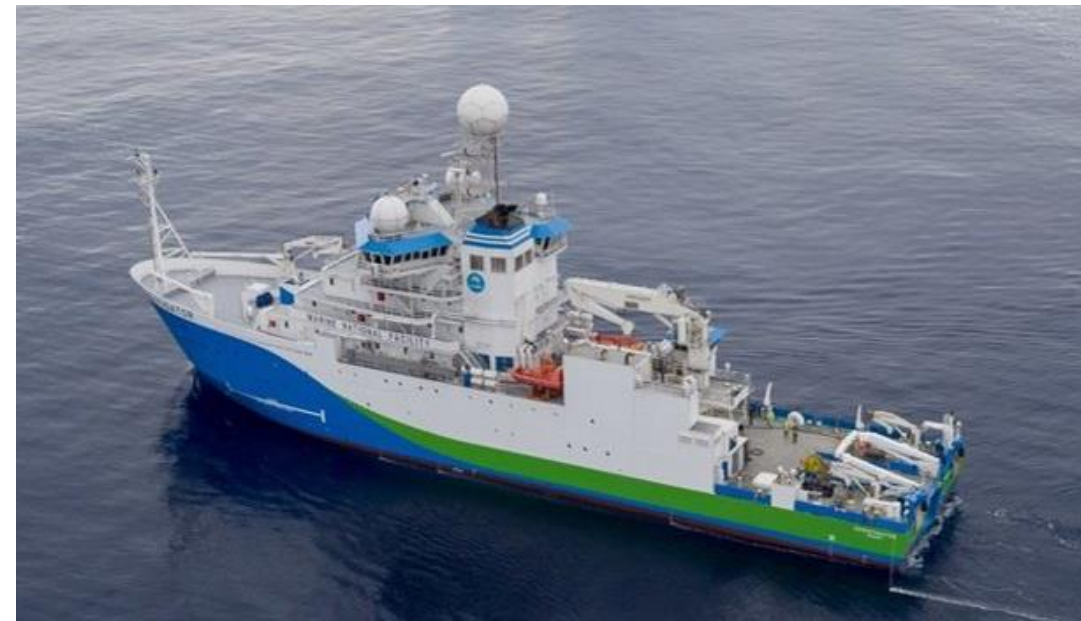


Image: Museums Victoria—Robert French

CSIRO zooplankton researchers at conference



Anthony Richardson



Claire Davies



Julian Uribe-Palomino



Caroline Sutton



Felicity McEnulty



Anita Slotwinski



Karl Forcey



Frank Coman



Mark Tonks



Ruth Eriksen



Wayne Rochester



Ben Scoulding

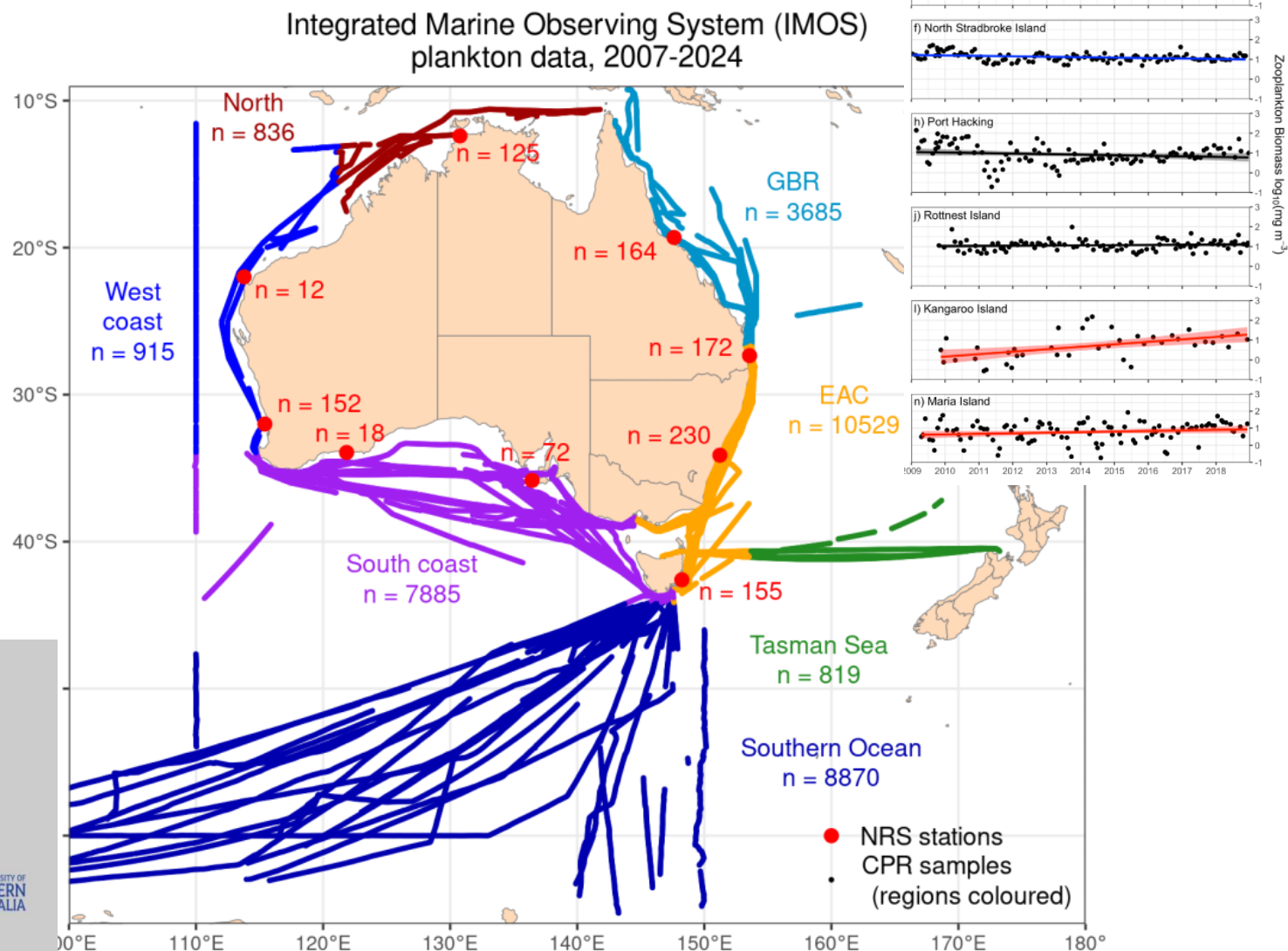


James McLaughlin

- 13 CSIRO first-author oral or poster presentation

Australia's Integrated Marine Observing System (IMOS).

- 15+ years of collaborations across institutions and disciplines.
- Majority of the presentations from Australian researcher at this meeting use IMOS data.
- Quality of data means that zooplankton dynamics around Australia becomes a key part of State of Environment assessments.
- Funding until 2027 – the vibrant Australian zooplankton community has a bright future.



Australia's Integrated Marine Observing System (IMOS) is enabled by the National Collaborative Research Infrastructure Strategy (NCRIS). It is operated by a consortium of institutions as an unincorporated joint venture, with the University of Tasmania as Lead Agent. www.imos.org.au

PRINCIPAL PARTICIPANTS

UNIVERSITY of TASMANIA



LEAD AGENT



Historical CSIRO zooplankton studies

- Dedicated research vessel (444 oceanographic stations) over 4 years (1938-42) with aerial support.
- 7 field research officers & 4 laboratory / publication staff.



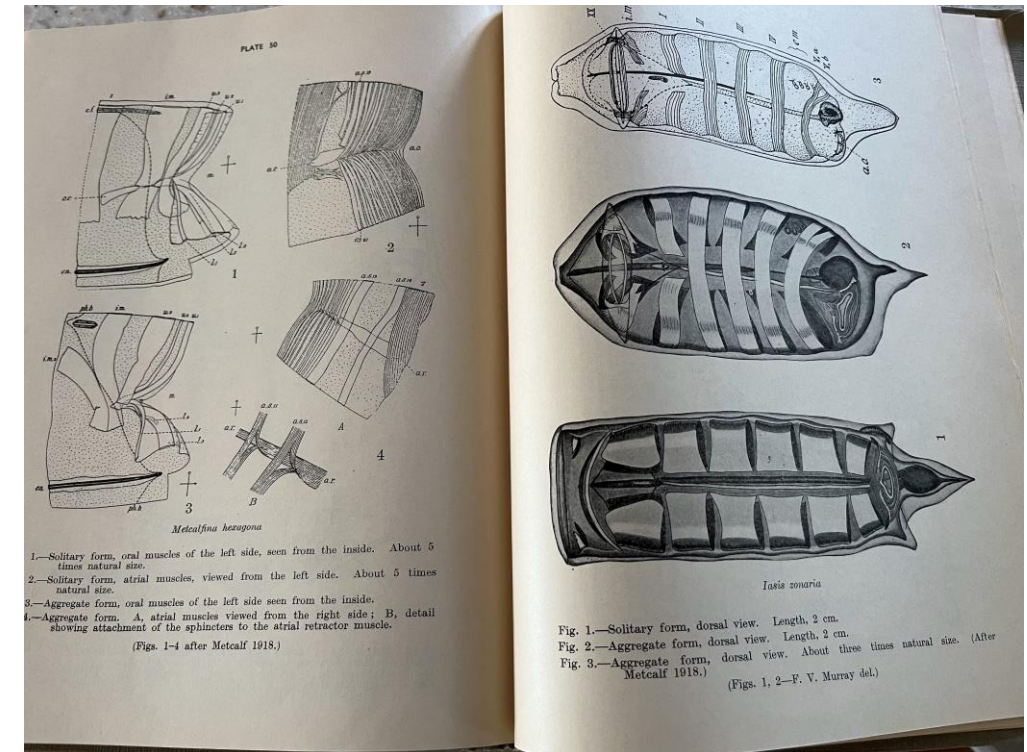
Historical CSIRO zooplankton studies

- Dedicated research vessel (444 oceanographic stations) over 4 years (1938-42) with aerial support.
- 7 field research officers & 4 laboratory / publication staff.

196 pp + 75 plates



Pelagic tunicates of Australia (Harold Thompson)



- Published in 1948.

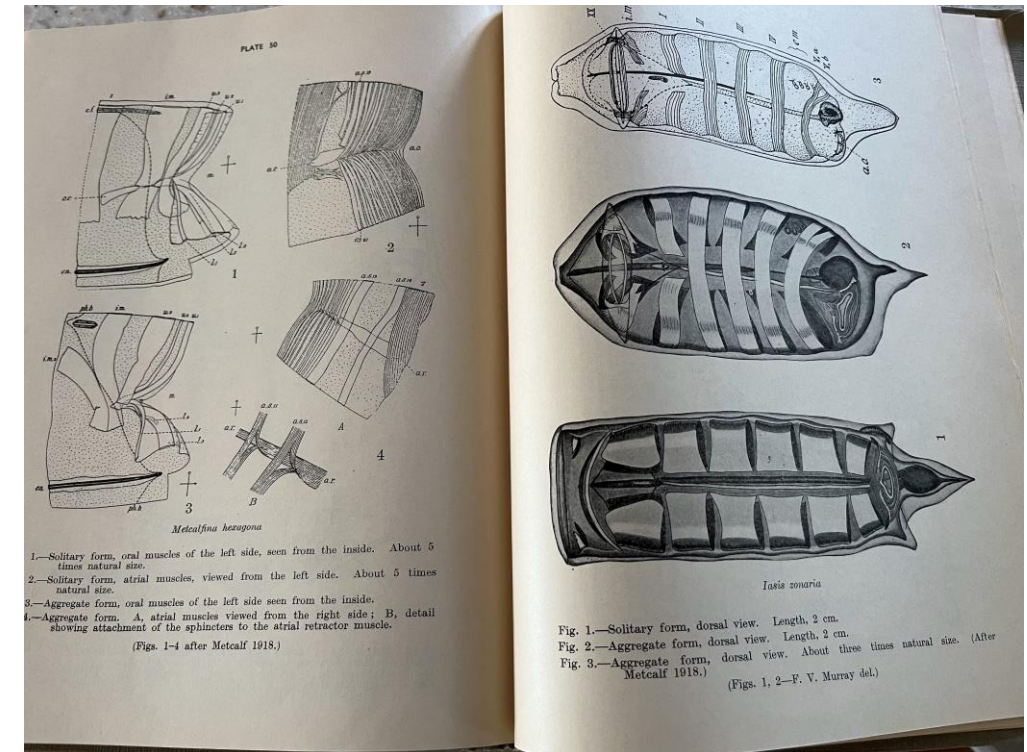
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196 pp + 75 plates



Pelagic tunicates of Australia (Harold Thompson)



- Published in 1948.
- 76 years later we still have 15 copies left.

S1: Roles of gelatinous zooplankton in ecosystems: Production, population dynamics, trophic interactions and biogeochemical cycling (Tuesday).

ICES-PICES 7th International Zooplankton Production Symposium



Have a great
conference and enjoy
Hobart-nipaluna