

Triggerfish, leopardgrouper, yellowtail amberjack Stock
assessment workshop in La Paz B.C.S. México.
October 6th – 10th 2025.

Participants

Mariana Walther Mendoza – The Nature Conservancy

Bernardo Sánchez – The Nature Conservancy

Melisa Vázquez Garcés – Sociedad de Historia Natural Niparajá

Salvador Rodríguez VanDyck – Sociedad de Historia Natural Niparajá

Juan Carlos Castro Salgado – Pronatura Noroeste

Carlos Álvarez Flores – Pronatura Noroeste

José Ángel Hidalgo – Pronatura Noroeste

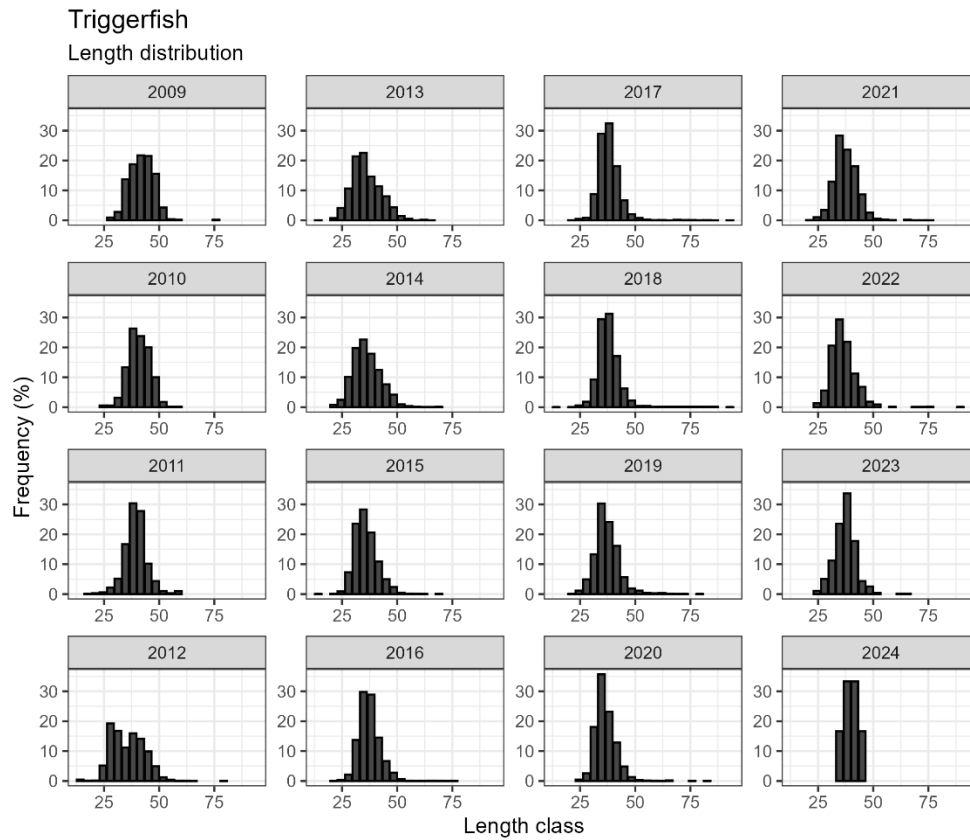
Ricardo Amoroso – Consultant University of Washington

Maite Pons – Consultant University of Washington

Data inputs

Triggerfish

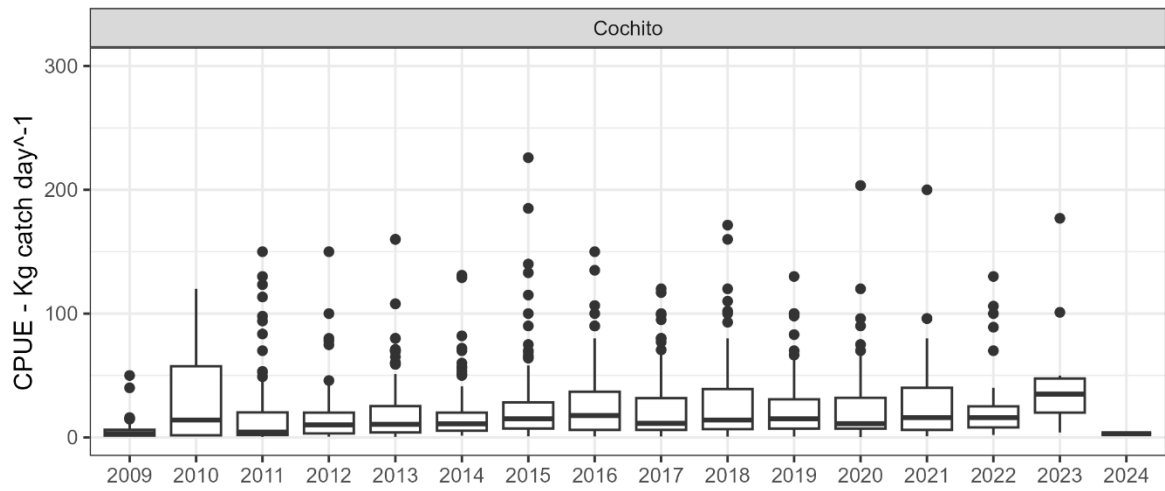
Length data



Life history parameters

Parameter	Value	Site	Reference
L_{∞}	55.8	Sinaloa, México	Barroso-Soto et al. 2007
k	0.17		
t_0	-1.7		
L_{50}	33.8	San Evaristo y Bahía de La Paz	Camacho-Mondragón et al. 2019

CPUE

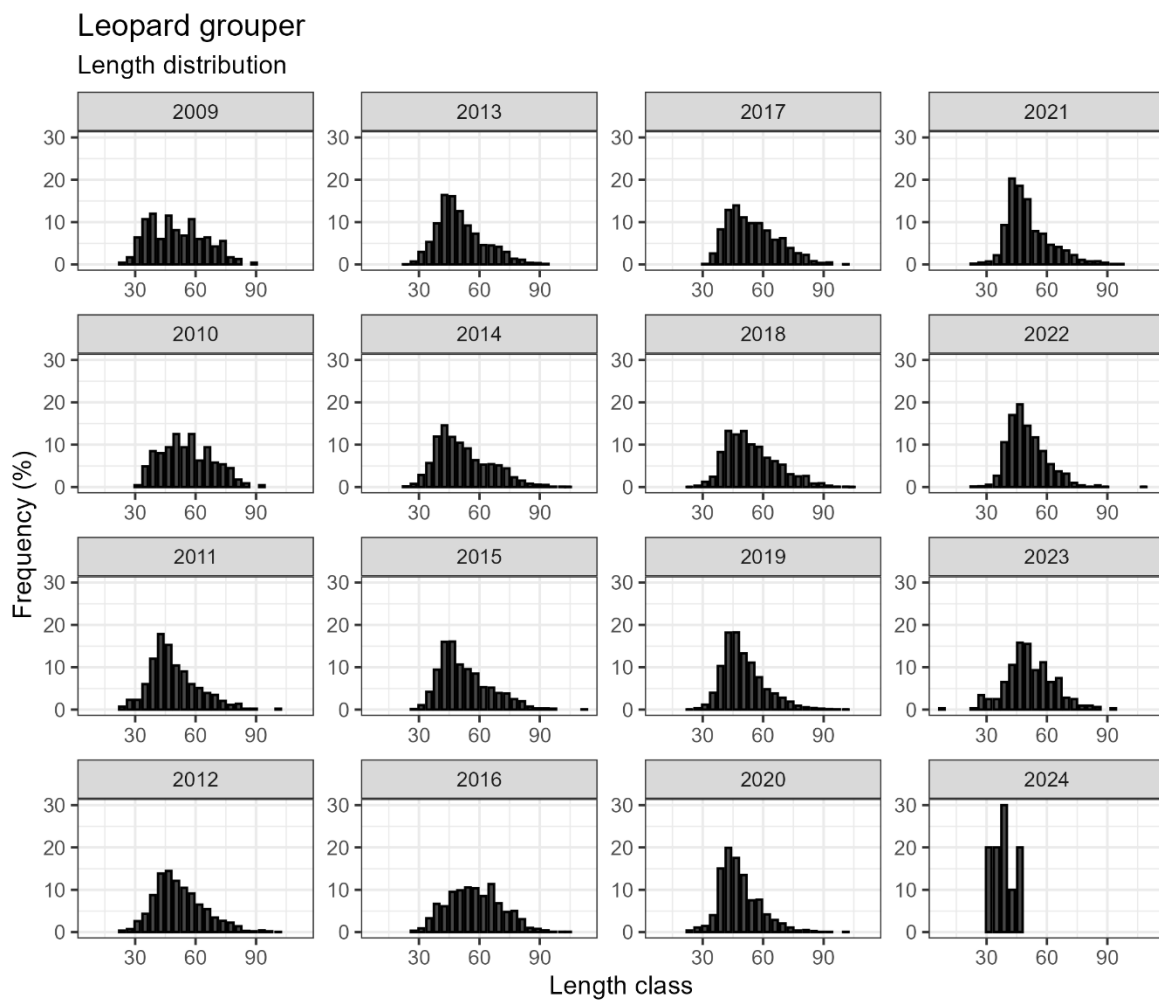


Under development

- Catch series
- Other LHP (SigmaR, steepness)
- Selectivity

Leopard grouper

Length data

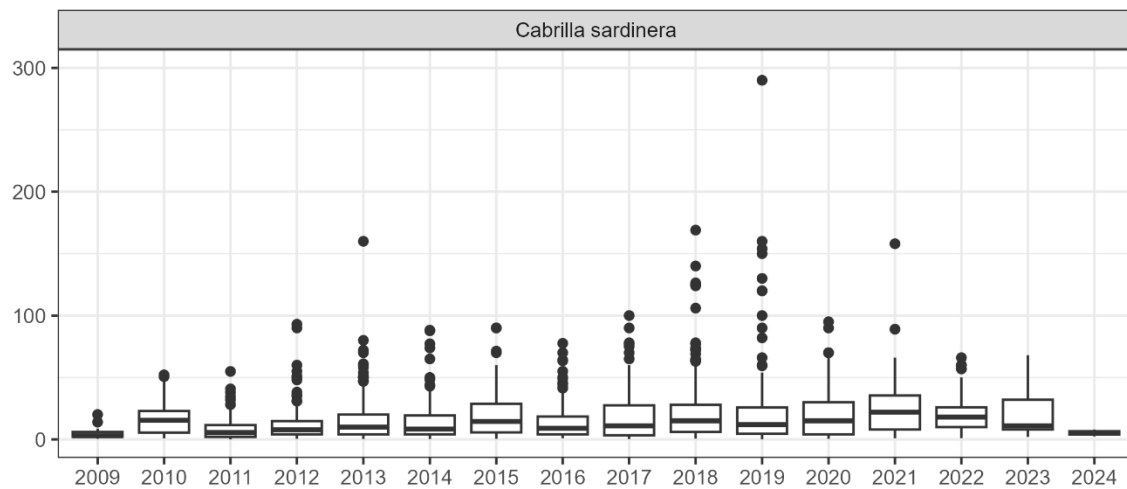


Life history parameters

Parameter	Value	Site	Reference
L_{∞}	108.3 cm	Bahía de La Paz, BCS	Díaz-Uribe <i>et al.</i> 2001.
	69.19 cm	Santa Rosalía, BCS	Bermejo-Miramontes 2018
k	0.09245 yr ⁻¹	Bahía de La Paz, BCS	Díaz-Uribe <i>et al.</i> 2001.

	0.14 yr ⁻¹	Santa Rosalía, BCS	Bermejo-Miramontes 2018
t₀	-0.82	Bahía de La Paz, BCS	Díaz-Urbe <i>et al.</i> 2001.
	-0.2446	Santa Rosalía, BCS	Bermejo-Miramontes 2018
L₅₀	42 cm	Santa Rosalía, BCS	Pérez-Olivas 2016

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Under development

- Catch series
- Other LHP (SigmaR, steepness, natural mortality, length-weight relationship)
- Selectivity