

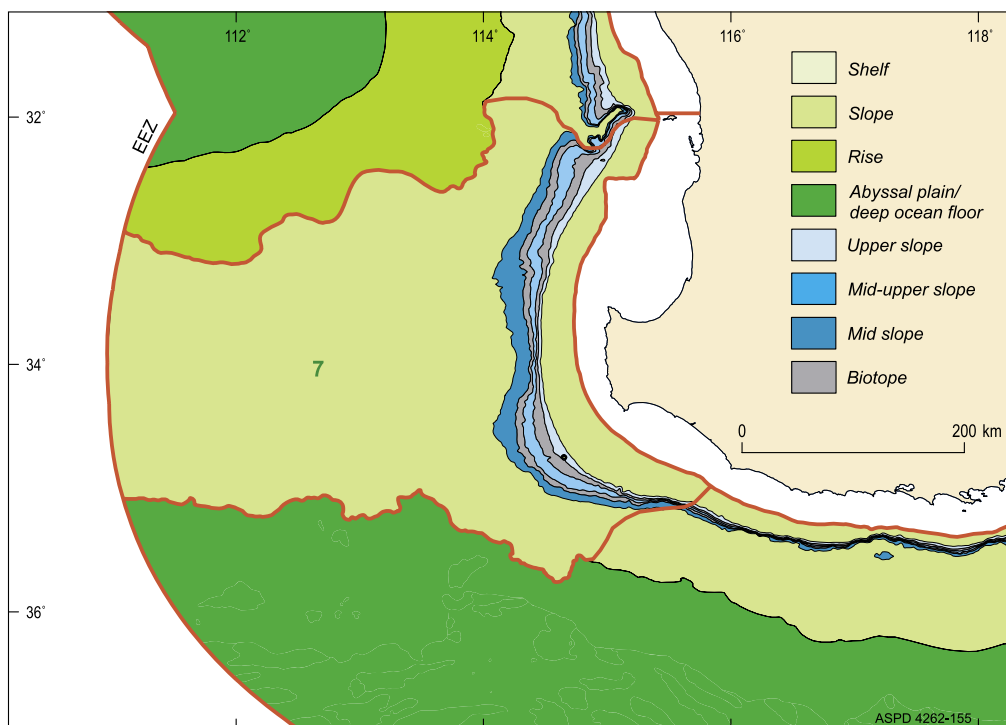
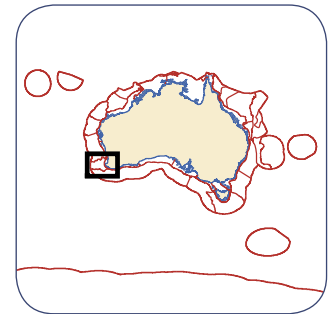
# PB7 – Southwest Transition

This bioregion is located on the southwest margin of Australia

Total Area (km <sup>2</sup> )	Water Depth (m)			
	Minimum	Maximum	Mean	Std Dev.
110,460	-48	-5,902	-2,414	1,287

Primary Bathymetric Units (km <sup>2</sup> )			Biomes (km <sup>2</sup> ) N = 6		
Slope	Rise	AP / DOF	Upper Slope	Mid-upper Slope	Mid Slope
109,830	–	–	1,770	2,440	4,390

<b>No. of Demersal Fish Species:</b>	398 (5 string nodes)
<b>Key Indicator Demersal Fish Species:</b>	N/A
<b>No. of Endemics:</b>	N/A
<b>Strength:</b>	N/A



Biomes in PB7 –  
Southwest Transition.

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## For further information, please contact:

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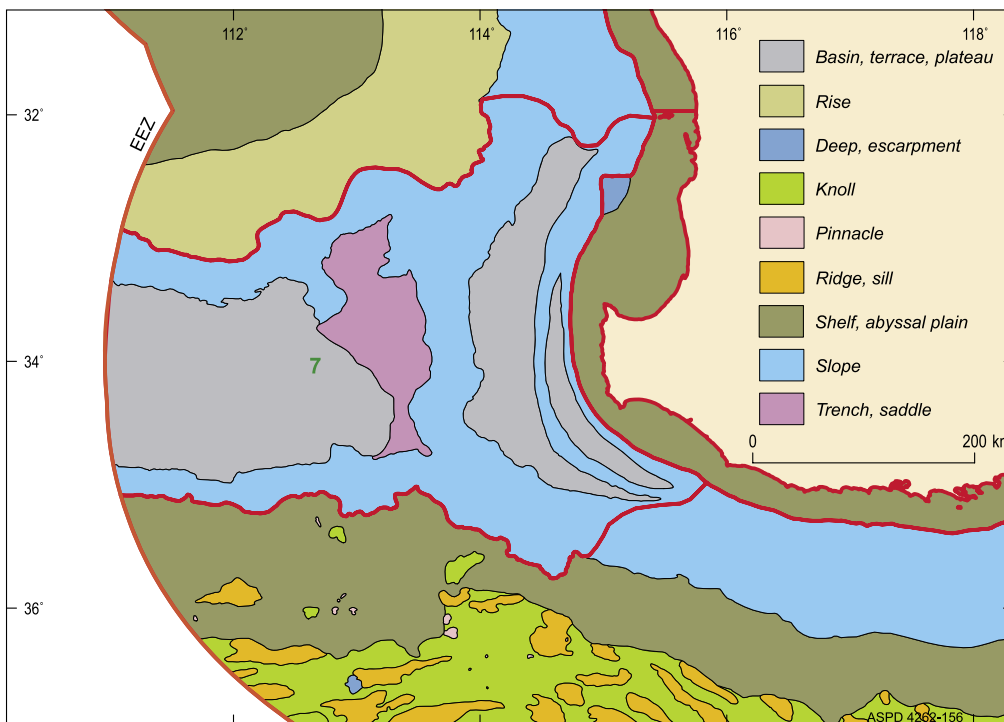
Australian Government  
Department of the  
Environment and Heritage  
Geoscience Australia



Geomorphic Units (km <sup>2</sup> ) N = 5													
CLASS 1		CLASS 2		CLASS 3		CLASS 4		CLASS 5		CLASS 6		CLASS 7	
No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
–	–	1	54,350	–	–	–	–	–	–	1	8,950	3	46,980
CLASS 8		CLASS 9		CLASS 10		CLASS 11		CLASS 12		CLASS 13		CLASS 14	
No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
–	–	–	–	–	–	–	–	–	–	–	–	–	–

**Notes:**

- This bioregion is one of six NBMB bioregions to cover only one Primary Bathymetric Unit, and one of five to occur only on the slope.
- This bioregion is one of 14 NBMB bioregions to contain all of the biome types.
- Biomes defined by the demersal fish depth structure are the 6th largest in terms of their total area and cover the 7th largest area as a percentage of the bioregion area for all the NBMB bioregions.
- This bioregion is one of four NBMB bioregions to contain three classes of geomorphic units.
- Class 2 includes units defined by the spacing of submarine canyons on the slope.
- This bioregion is centred on the Naturaliste Plateau, a 90,000 km<sup>2</sup> submerged continental fragment that rises from water depths of >5000 m to 2,000 m and surrounded by deep ocean floor. This bioregion represents a completely different environment from the surrounding seabed and adjacent Provinces.



Geomorphic Units in PB7 – Southwest Transition.