

Subduction tectonics in the landward lowermost part of the Japan Trench and the distribution of chemo-synthetic communities

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We found chemo-synthetic communities in the lowermost part of the Japan Trench. This chemo-synthetic communities was consisted by *Maorithyas hadalis* colonies as the dominant species. We talk about the correlations between the distribution of chemo-synthetic communities geological insights and subduction tectonics.