

研究業績 英文表記

和文	
表題	マッコウクジラ象牙質中の石灰化顆粒の構造と分布
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英文	
Title	The structure and apparent location of calcified nodules in the dentine of sperm whales
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Abstract	We studied calcified nodules of the sperm whale dentine called osteodentine. These calcified bodies showed a three layered structure; a core, an intermediate layer and an outer layer. The substrate of the core were young collagen fibrils small in diameter and narrow in band width. The calcified nodules are apparently formed in the pulp and embedded in the dentine at various stages of development. These calcified nodules differ distinctly from the calcified bodies called osteodentine of other animals. Therefore, these nodules should not be called osteodentine. Those are more similar to the denticles than to osteodentine. Their origin should be examined further.
keyword	calcified nodules, sperm whale, osteodentine, denticle

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