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Author(s)	本間, 久英
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砂金の成長についての一考察

本 間 久 英\*  
自然科学系宇宙地球分野

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**Abstract**

Our understanding of the physico-chemical details on the accumulation or formation of gold in alluvial placer is still poor, especially with respect to the formation of nuggets as Boyle (1979) has mentioned. In this paper, the change, growth or formation of placer gold, namely the keystone that “gold grows in placer”, and the formation of nuggets are discussed and considered on the basis of the experimental results on the dissolution and precipitation of gold and/or silver in previous papers of the author and coworkers.

(in Japanese)

**Key words:** placer gold, morphology, dissolution and precipitation of Au

*Department of Astronomy and Earth Science, System of Natural Science, Tokyo Gakugei University, 4-1-1 Nukui-kita-machi, Koganei-shi, Tokyo 184-8501, Japan*

\* 東京学芸大学 (184-8501 小金井市貫井北町 4-1-1)