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2006 A 17466

REVIEWS IN MINERALOGY  
AND GEOCHEMISTRY

VOLUME 59

2005

MOLECULAR  
GEOMICROBIOLOGY

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**FRONT COVER:** Dinitrogen ( $N_2$ ) bound at the molybdenum-iron-sulfur active site of the nitrogenase enzyme complex, where it is ultimately reduced to biologically-useful ammonia. Nitrogenase is the only enzyme known to catalyze such a transformation, and is found only in prokaryotes, representing a crucial shunt between the inorganic and organic worlds. Created by Jason Raymond and Jill Banfield.

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MINERALOGICAL SOCIETY OF AMERICA  
GEOCHEMICAL SOCIETY

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Reviews in Mineralogy and  
Geochemistry Volume 59

ISBN 0-939950-71-5



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