

TO
SIR RODERICK I. MURCHISON, BART., K.C.B.,

D.C.L., LL.D., F.R.S., ETC.,
PRESIDENT OF THE ROYAL GEOGRAPHICAL SOCIETY, AND FOREIGN
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This Volume is Dedicated,
IN ADMIRATION OF HIS GREAT SCIENTIFIC ATTAINMENTS,
AND AS A GRATEFUL ACKNOWLEDGMENT OF
MUCH KINDNESS SHOWN TO

THE AUTHOR.