i i in . In n i - i n i i in in A in G n i i i i n i i . . - i n n i n i n n n - i i i in in . I , in in in , n nin n i i i Th D n' In n i n i A i B (ISAB), n in 2016 n- i in i n i i i i in in . . - i C n n n i n in i i i n i in n ' I i i ( )12 3 (-3 (i)-5 ( )8.1)/ C12 ( )5D 166 DC B

in i in n - n n n,
, i i i ni i . . in in n ,
n , i i n in n n i ni in n
i n .
i . . n in n i n i n
n in - , i , i -
i , n n i n n i i n n n
n in n n n ’ i n n i , n i in n -
n i in i . i , in , i i n n i i , [10]
. . n nn i i i n i i i i n
n n i n in n n nn n
i n n in - i i n i n n in -
n n n n i n. [11] , in in i n, i
ni i i in n in -

J n in n n in , ni i ,
i i in i n i . n in
n i n in in i n n n i
n i n . H n i
i n n i i n, n i n n i -
n i i In , i n n i
n in n in i i , n
i n n n n n’ n i i i i n in
in nin i i n, n nnin , i n n i i
n i n i n i i , n n n n n .
Fin in n i nin n
i i i i n i i n . . i , ,
n n in n n n i i i n i
i n n in i in i -
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in , i i n- in in D n D n i n
- in i i n i n n i i i in n i n
n n inn 7 i i in . . , in i n
C in n -5 (19 ( )102 39 ( )12 ( )133 ( )6 (in)3 ( ) 8 (in n ( )12 ( )-99 (7 I)4 (

[illegible].[17]

[illegible]

A i n i n / n-
i , in i n nn in n - n in , i
i i i n n n , in in i
i n i n i i n n n -
in n n . i n n in
i i n n n , i n
i , n n n n n . H , n i n n n
i i in , n , .
n , i i i n ni i i, n n ni

n n i n i n n i n .
in n in n i n
n in n n n i n n i , n , , , in -
in ni n i , in in i n i n i n
n n i n in i nin . B , inin ,
inin i i n in i i n.
Th i i in i : n i n in ; n
n ; n (n i); n n i
(n n).
In i n in , in :

i -m in m ni i in m n - n in n -
, in i .
I n in ni i n m i i i i i
i i ? Th n m in i n . I i -

A n i I

in C n A
in G n i ii*

James Acton
Christopher Chyba
Elbridge Colby
Francesca Giovannini
Michael Krepon
Robert Legvold
Austin Long
Mira Rapp-Hooper
Brad Roberts
Adam Stulberg

*Thi i in n n n n n i n
in G n i ii ni .

A i n A & i n
C K , F

in i n in in 1780, A i n A n i n
i n i , i i i , n n .
A n n i n' n i i n in n n -
i n , A n n i
in , n n n i i n in
i
Th i , i i n , n n i n , En in in ,
n 7 n ; G i n In n i n A i ; H n-
i i , A , n C ; E i n n D n n ;
n A i n In i i n , i n i G , A n
i i i n n n i n i i i i n-
in n n , i , n i .