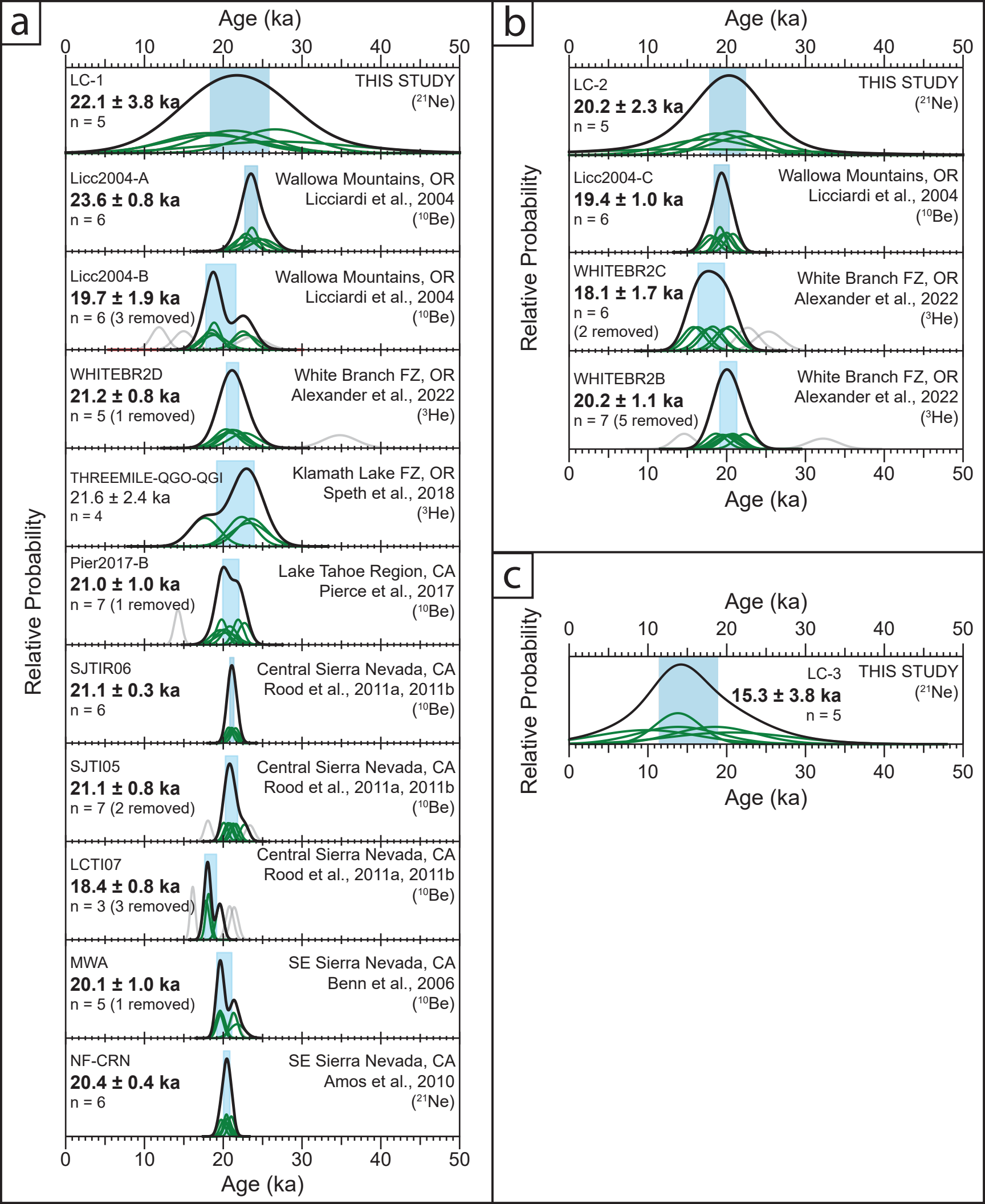
a
Age (ka)
0 10 20 30 40 50
Relative Probability
LC-1
22.1 ± 3.8 ka
n = 5
THIS STUDY
(21Ne)
Licc2004-A
23.6 ± 0.8 ka
n = 6
Wallowa Mountains, OR
Licciardi et al., 2004
(10Be)
Licc2004-B
19.7 ± 1.9 ka
n = 6 (3 removed)
Wallowa Mountains, OR
Licciardi et al., 2004
(10Be)
WHITEBR2D
21.2 ± 0.8 ka
n = 5 (1 removed)
White Branch FZ, OR
Alexander et al., 2022
(3He)
THREEMILE-QGO-QGI
21.6 ± 2.4 ka
n = 4
Klamath Lake FZ, OR
Speth et al., 2018
(3He)
Pier2017-B
21.0 ± 1.0 ka
n = 7 (1 removed)
Lake Tahoe Region, CA
Pierce et al., 2017
(10Be)
SJTIR06
21.1 ± 0.3 ka
n = 6
Central Sierra Nevada, CA
Rood et al., 2011a, 2011b
(10Be)
SJTI05
21.1 ± 0.8 ka
n = 7 (2 removed)
Central Sierra Nevada, CA
Rood et al., 2011a, 2011b
(10Be)
LCTI07
18.4 ± 0.8 ka
n = 3 (3 removed)
Central Sierra Nevada, CA
Rood et al., 2011a, 2011b
(10Be)
MWA
20.1 ± 1.0 ka
n = 5 (1 removed)
SE Sierra Nevada, CA
Benn et al., 2006
(10Be)
NF-CRN
20.4 ± 0.4 ka
n = 6
SE Sierra Nevada, CA
Amos et al., 2010
(21Ne)
0 10 20 30 40 50
Age (ka)
b
Age (ka)
0 10 20 30 40 50
Relative Probability
LC-2
20.2 ± 2.3 ka
n = 5
THIS STUDY
(21Ne)
Licc2004-C
19.4 ± 1.0 ka
n = 6
Wallowa Mountains, OR
Licciardi et al., 2004
(10Be)
WHITEBR2C
18.1 ± 1.7 ka
n = 6
(2 removed)
White Branch FZ, OR
Alexander et al., 2022
(3He)
WHITEBR2B
20.2 ± 1.1 ka
n = 7 (5 removed)
White Branch FZ, OR
Alexander et al., 2022
(3He)
0 10 20 30 40 50
Age (ka)
c
Age (ka)
0 10 20 30 40 50
Relative Probability
LC-3
15.3 ± 3.8 ka
n = 5
THIS STUDY
(21Ne)
0 10 20 30 40 50
Age (ka)