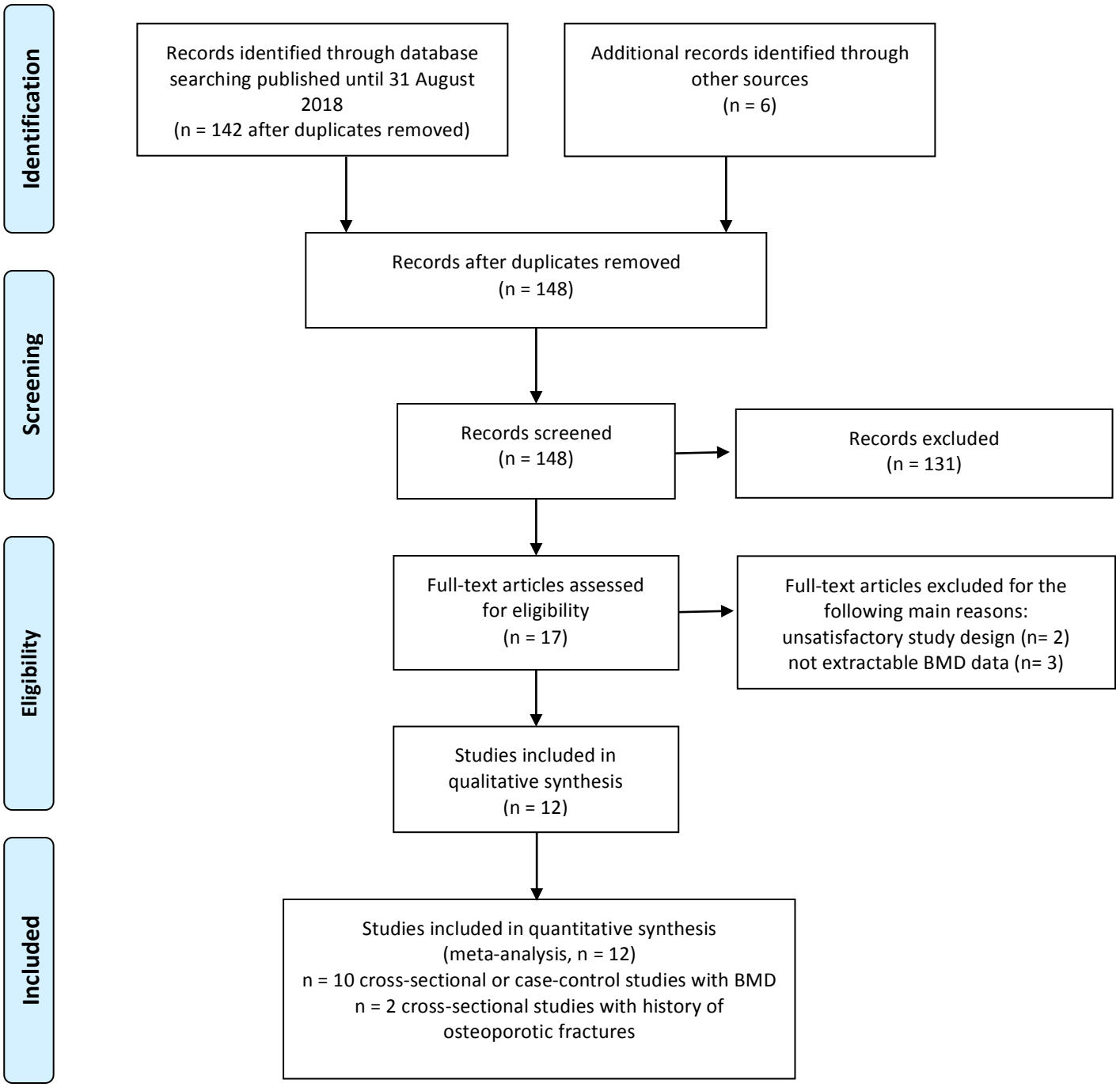
Identification
Screening
Eligibility
Included
Records identified through database searching published until 31 August 2018
(n = 142 after duplicates removed)
Additional records identified through other sources
(n = 6)
Records after duplicates removed
(n = 148)
Records screened
(n = 148)
Records excluded
(n = 131)
Full-text articles assessed for eligibility
(n = 17)
Full-text articles excluded for the following main reasons:
unsatisfactory study design (n= 2)
not extractable BMD data (n= 3)
Studies included in qualitative synthesis
(n = 12)
Studies included in quantitative synthesis
(meta-analysis, n = 12)
n = 10 cross-sectional or case-control studies with BMD
n = 2 cross-sectional studies with history of osteoporotic fractures