Acknowledgements

Many people have helped me with specific references, answers to questions or general advice. With apologies for any omissions, I wish to thank (in alphabetical order) Bas Aarts, Renaud Beffeyte, Oliver Creighton, Richard Dunn, Richard Eales, Michael Fulton, Bob Higham, Christof Krauskopf, Pamela Marshall, Derek Renn, Jiri Varhanik, Peter Vemming, Olaf Wagener and Bill Woodburn. An early outline of the contents was given as a paper at Château Gaillard 2012 and I am grateful to have been invited to present it there. Rainer Atzbach's invitation to address the "Castles at War" conference in Nyborg helped me crystallise thoughts about the history of medieval military mining, and Chas Hollwey made possible a visit to the Clearwell iron mines in the Forest of Dean. Chas, and Jeremy Cunnington, made possible a visit to see medieval building techniques reconstructed at Guédelon in Burgundy. Richard Eales, Pamela Marshall and Denys Pringle have organised study tours that greatly helped me to understand medieval castles and town defences, and many members of the Castle Studies Group have contributed directly or indirectly. Finally, the anonymous referees made numerous suggestions which have saved me from errors and greatly improved this book, for which I am deeply grateful. As always, the author is responsible for all errors that remain.

PETER PURTON, 2017