
Chapter 3 British Triassic red beds

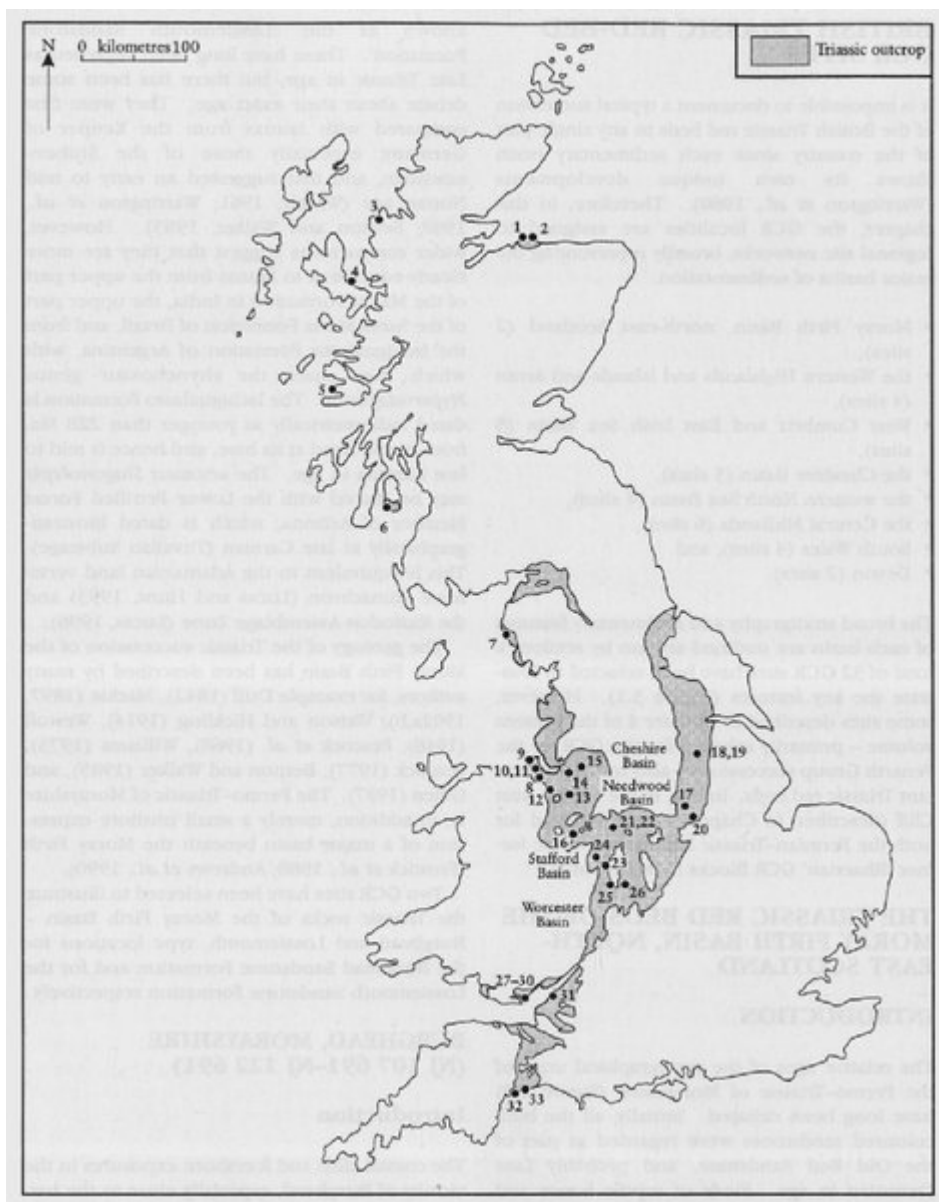
British Triassic red-bed GCR sites

It is impossible to document a typical succession of the British Triassic red beds in any single part of the country since each sedimentary basin shows its own unique developments (Warrington *et al.*, 1980). Therefore, in this chapter, the GCR localities are assigned to regional site networks, broadly representing the major basins of sedimentation.

- Moray Firth Basin, north-east Scotland (2 sites),
- the Western Highlands and Islands and Arran (4 sites),
- West Cumbria and East Irish Sea Basin (5 sites),
- the Cheshire Basin (5 sites),
- the western North Sea Basin (4 sites),
- the Central Midlands (6 sites),
- South Wales (4 sites), and
- Devon (2 sites).

The broad stratigraphy and sedimentary features of each basin are outlined section by section; a total of 32 GCR sites have been selected to illustrate the key features (Figure 3.1). However, some sites described in Chapter 4 of the present volume — primarily selected for the GCR for the Penarth Group successions — also contain important Triassic red beds. In fact, in the 1980s, Aust Cliff (described in Chapter 4) was selected for both the Permian-Triassic Red Beds and the former 'Rhaetian' GCR Blocks independently.

[References](#)



(Figure 3.1) Map showing the distribution of Triassic rocks in Great Britain. GCR Triassic red-bed sites are indicated: (1) Burghead; (2) Lossiemouth; (3) Gruinard Bay; (4) Eyre Burn; (5) Gribun; (6) King's Cave to Drumadoon; (7) Fleswick to St Bees; (8) Burton Point; (9) Hilbre Island; (10) Thurstaston; (11) The Dungeon; (12) Dee Cliffs; (13) Bickerton Hill; (14) Frodsham; (15) Red Brow; (16) Grinshill; (17) Nottingham Castle; (18) Styrrup Quarry; (19) Scrooby Top Quarry; (20) Colwick; (21) Hulme Quarry; (22) Brocton; (23) Wollaston Ridge; (24) Claverley Road Cutting; (25) Burcot; (26) Shrewley; (27) Sutton Flats; (28) Barry Island; (29) Hayes Point to Bendrick Rock; (30) Sully Island; (31) Aust Cliff (see Chapter 4); (32) Budleigh Salterton; (33) Ladram Bay to Sidmouth. The Triassic red-bed/Penarth Group sites described in Chapter 4 are shown on gcr24_04_05.html (Figure 4.5).