Kink band formation
Deformation under differential stress and lithostatic pressure within the Earth's crust.

Conjugate delamination arrays
Unloading during uplift or thin sample preparation results in expansion and release of stored c-axis strain.

Ripplocations store elastic c-axis strain

Compression

Unloading during uplift or thin sample preparation results in expansion and release of stored c-axis strain.

Compression

Expansion

100 µm

50 nm