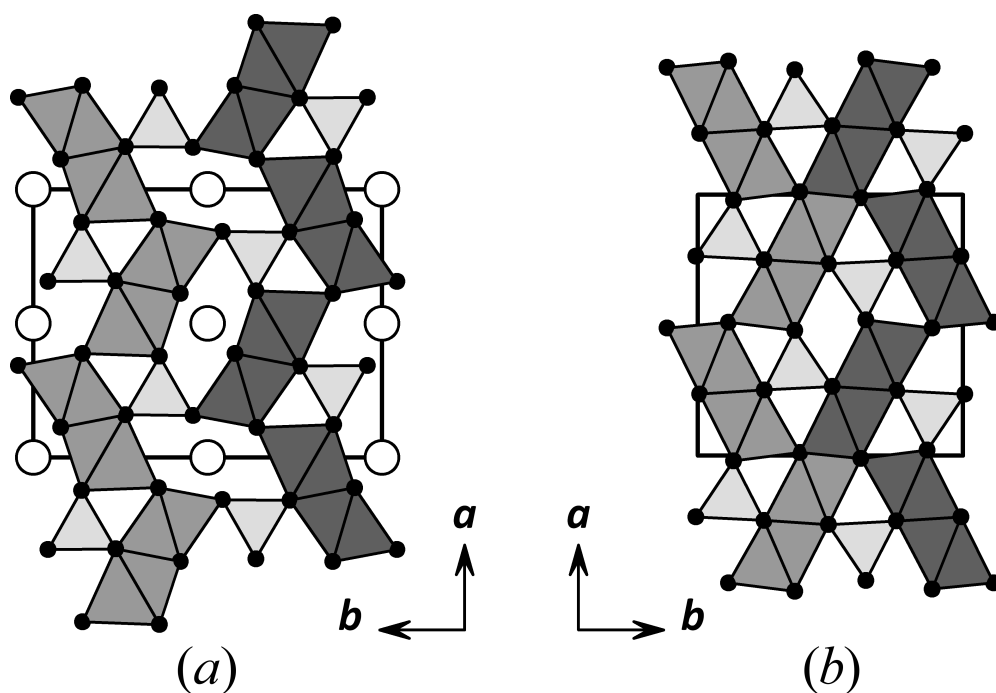


## On the structural relations of malachite. II. The brochantite MDO polytypes

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### Supplementary material



**Figure S1** Comparison of (a) the ludwigite structure  $M_3O_2BO_3 = M_2[M]^{channel}O_2BO_3$  with (b) the warwickite structure  $M_2OBO_3$ . The warwickite structure can be envisioned as being derived from the ludwigite structure by “condensation” of the malachite-like building blocks (medium/dark gray) *via* shared oxygen atoms (black spheres). The collapse of the “interlayer” space is accompanied by a loss of the  $[M]^{channel}$  sites (white spheres), while the number of linker sites (light gray triangles) remains constant.