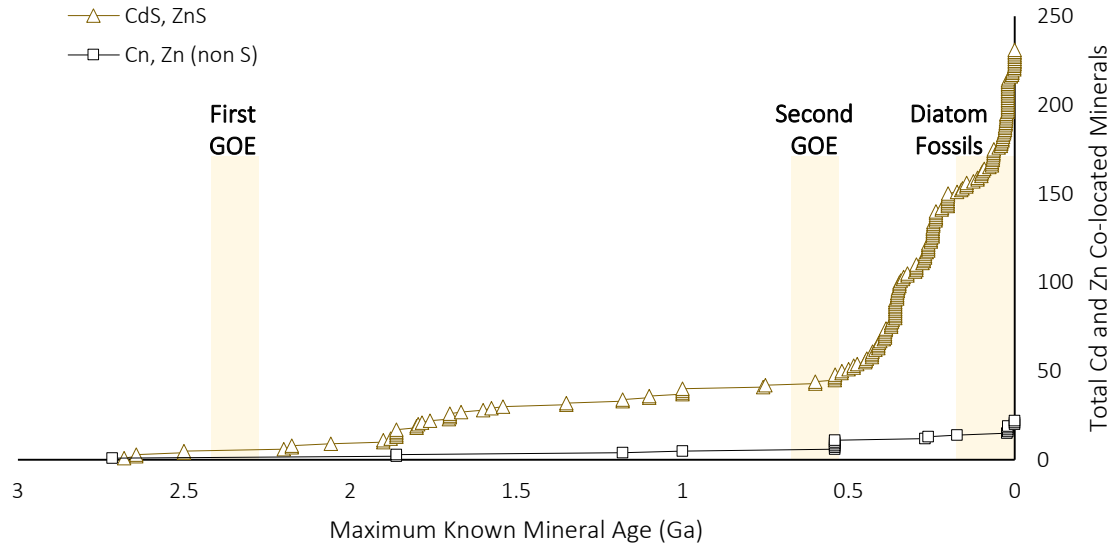


### Cd and Zn Co-located Minerals in Deep-Time



**Figure 4:** Total number of localities that S-containing Cd minerals and S-containing Zn minerals co-occur at (brown triangles), and total number of localities that non-S-containing Cd minerals and non-S-containing Zn minerals co-occur at (black squares) through geologic time. First GOE = Great Oxidation Event (Farquhar, Bao, and Thiemens 2000; Farquhar and Wing 2003); Second GOE (Fike et al. 2006; Don E. Canfield, Poulton, and Narbonne 2007; Sahoo et al. 2012); Oldest diatom fossils (Kooistra and Medlin 1996; Sims, Mann, and Medlin 2006; Falkowski and Knoll 2007).