



**Supplementary Plate 1.** (a)-(d). Examples of well-preserved benthic foraminifera. (a) A well-preserved specimen of *Cibicidoides pachyderma*. (b) Lateral view of a broken specimen of *C. pachyderma*, showing that the chambers are still open. (c) Detail of a wall of *Cibicidoides*, showing that there is no recrystallization on the walls. (d) Wall detail of a specimen of *Uvigerina* sp. (e)-(f). Examples of less-well preserved benthic foraminifera. (e) Specimen of *C. pachyderma* showing both good and bad preservation; left side shows no signs of recrystallization, whereas the right side is affected. (f) Specimen of *C. pachyderma* that is badly affected by recrystallization.