

Figure 2. U-Pb LA-ICPMS detrital zircon data from a sillimanite-bearing biotite schist (A-C; sample AB499 of Borsook, 2024; Plate 1) and a quartzite (D-F; sample Q623 of Shockley, 2021; Plate 1). (A, D) Concordia diagrams with 2σ error ellipses. Analyses >10% discordant are shown in gray. (B, E) Relative probability diagrams showing concordant data. (C, F) Float bar charts with weighted averages of $^{207}\text{Pb}/^{206}\text{Pb}$ ages for concordant data. Bar lengths represent 2σ uncertainty.

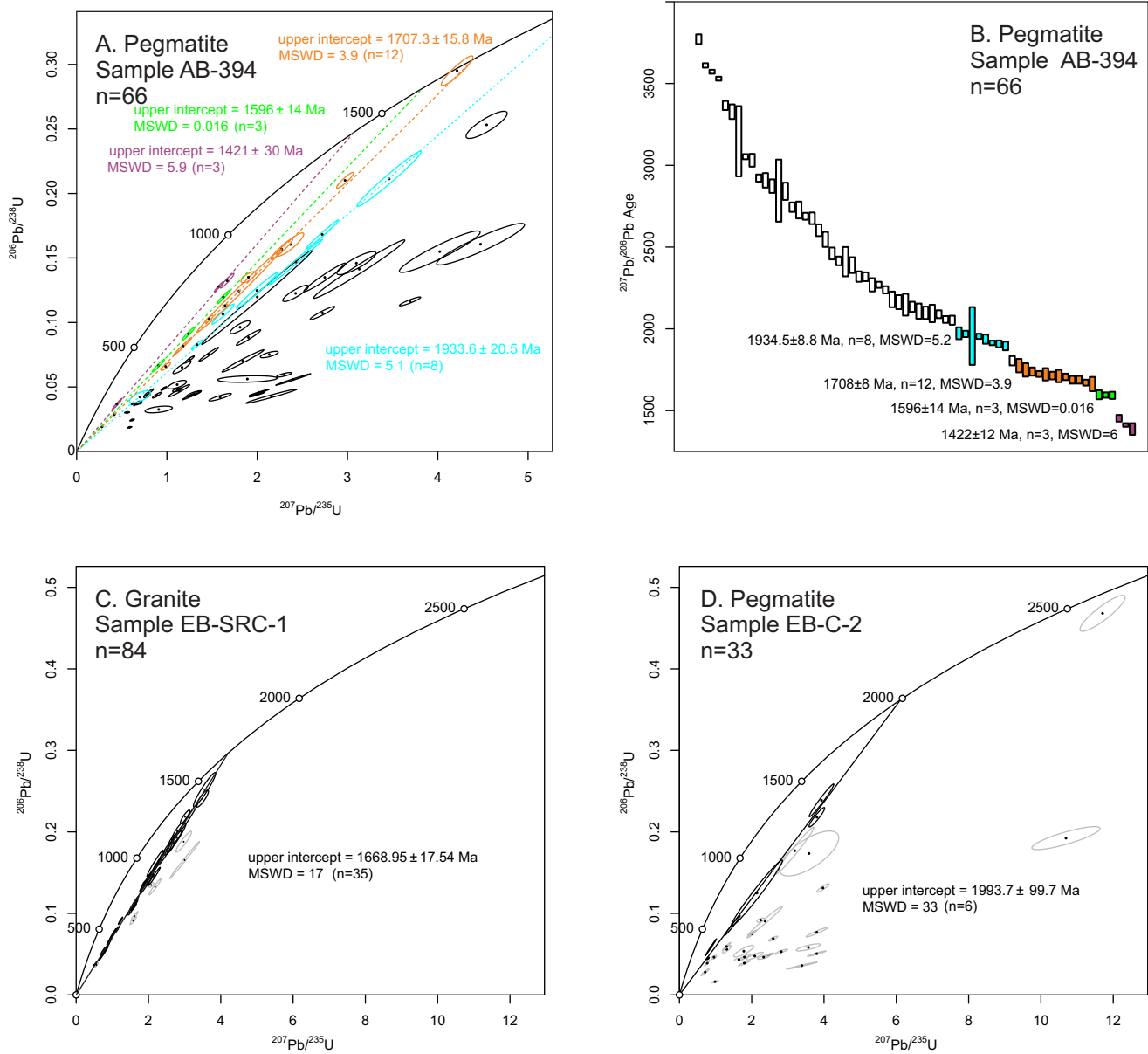


Figure 3. U-Pb LA-ICPMS zircon data from pegmatite sample AB394 (Borsook, 2024) granite sample EB-SRC-1 (Bora, 2024) and pegmatite sample EB-C-2 (Bora, 2024). See Plate 1 for locations. (A, C, D) Concordia diagrams with 2σ error ellipses. Analyses used for upper intercept age calculations shown in colors in A and in black in C and D. Discordia chords are all anchored at 0 ± 0 Ma. (B) Float bar charts with weighted averages of $^{207}\text{Pb}/^{206}\text{Pb}$ ages for all data of sample AB394. Bar lengths represent 2σ uncertainty.

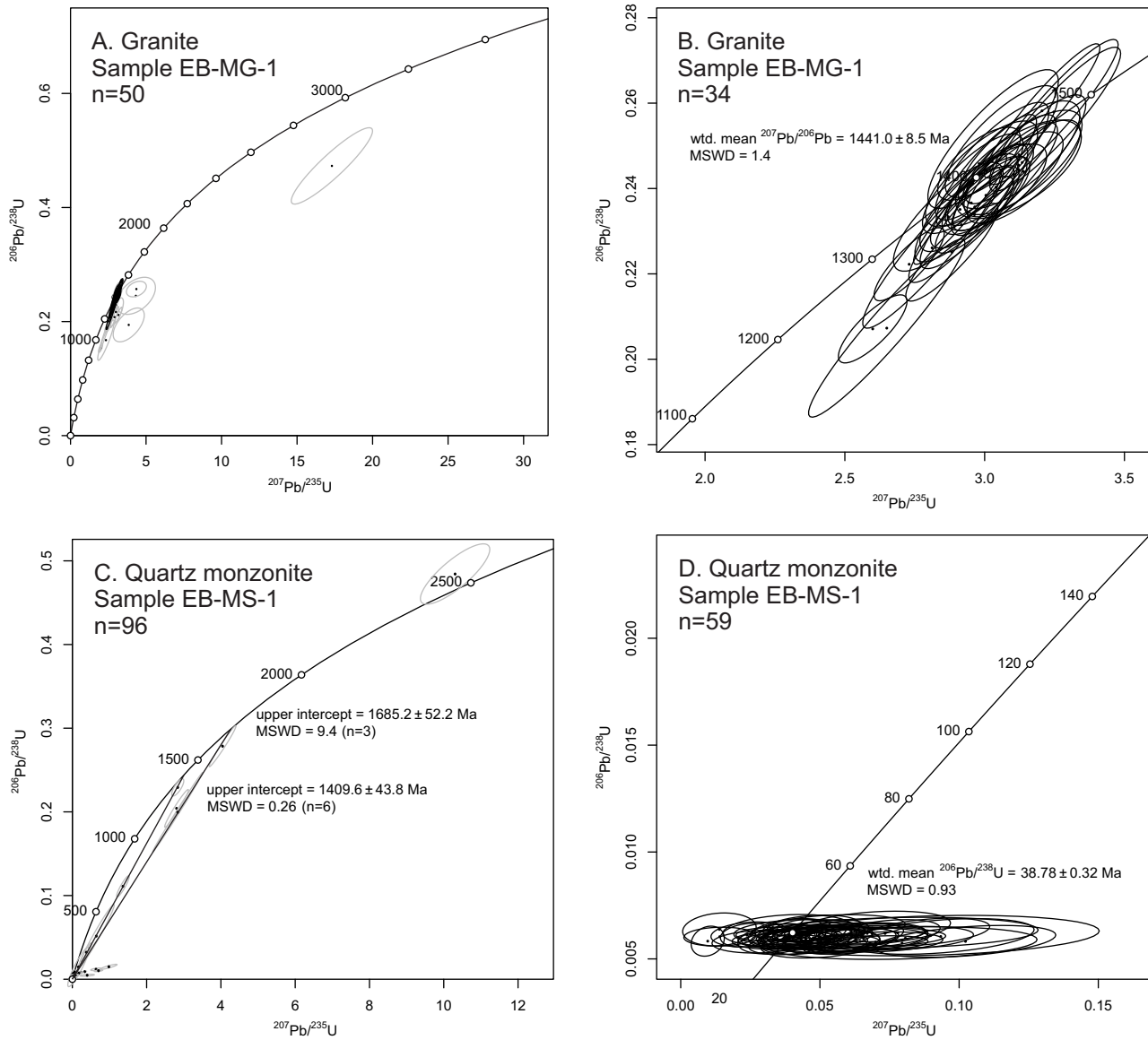


Figure 4. U-Pb LA-ICPMS detrital zircon data in concordia diagrams for granite sample EB-MG-1 (A, B) and quartz monzonite porphyry sample EB-MS-1 (C, D) (Bora, 2024; Plate 1). Concordia diagrams show 2σ error ellipses, with analyses $>10\%$ discordant in gray and discordia chords in C anchored at 0 ± 0 Ma.

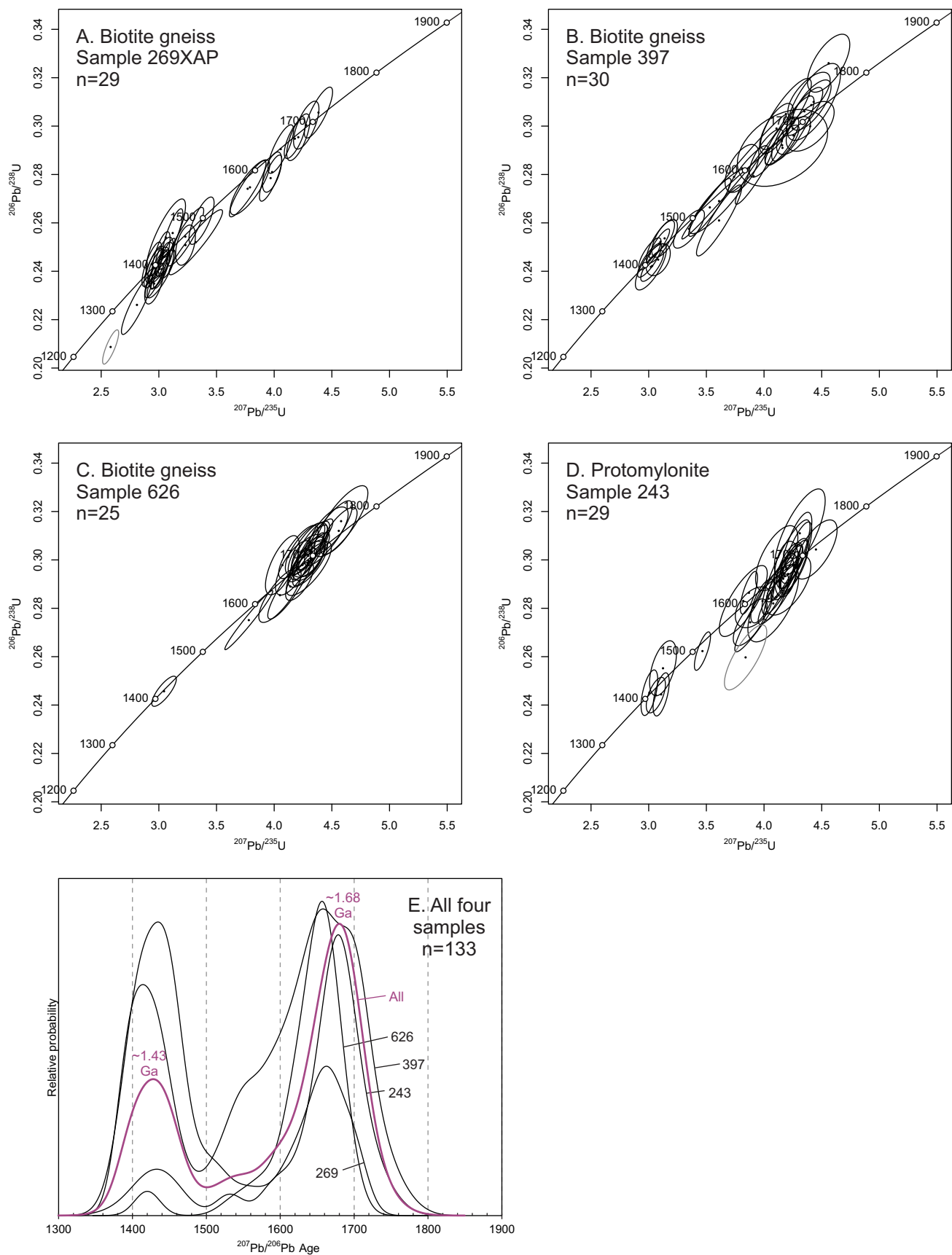


Figure 5. U-Pb LA-ICPMS in situ monazite data from biotite gneiss samples 269XAP, 397XFL and 626XFL and protomylonite sample 243PL (Shockley, 2021; Plate 1). (A-D) Concordia diagrams with 2σ error ellipses. Analyses >10% discordant are shown in gray. (E) Relative probability diagrams showing concordant data.