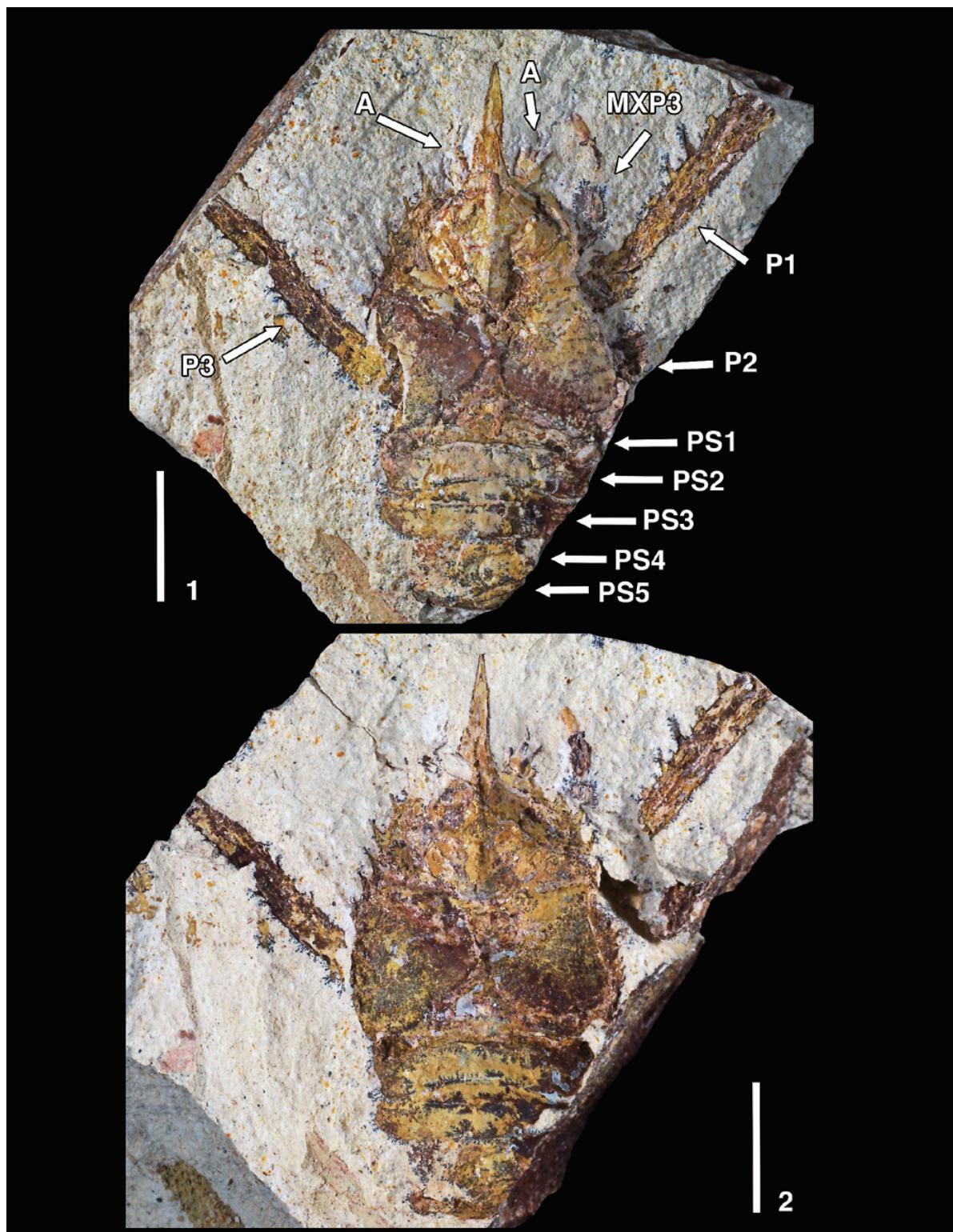
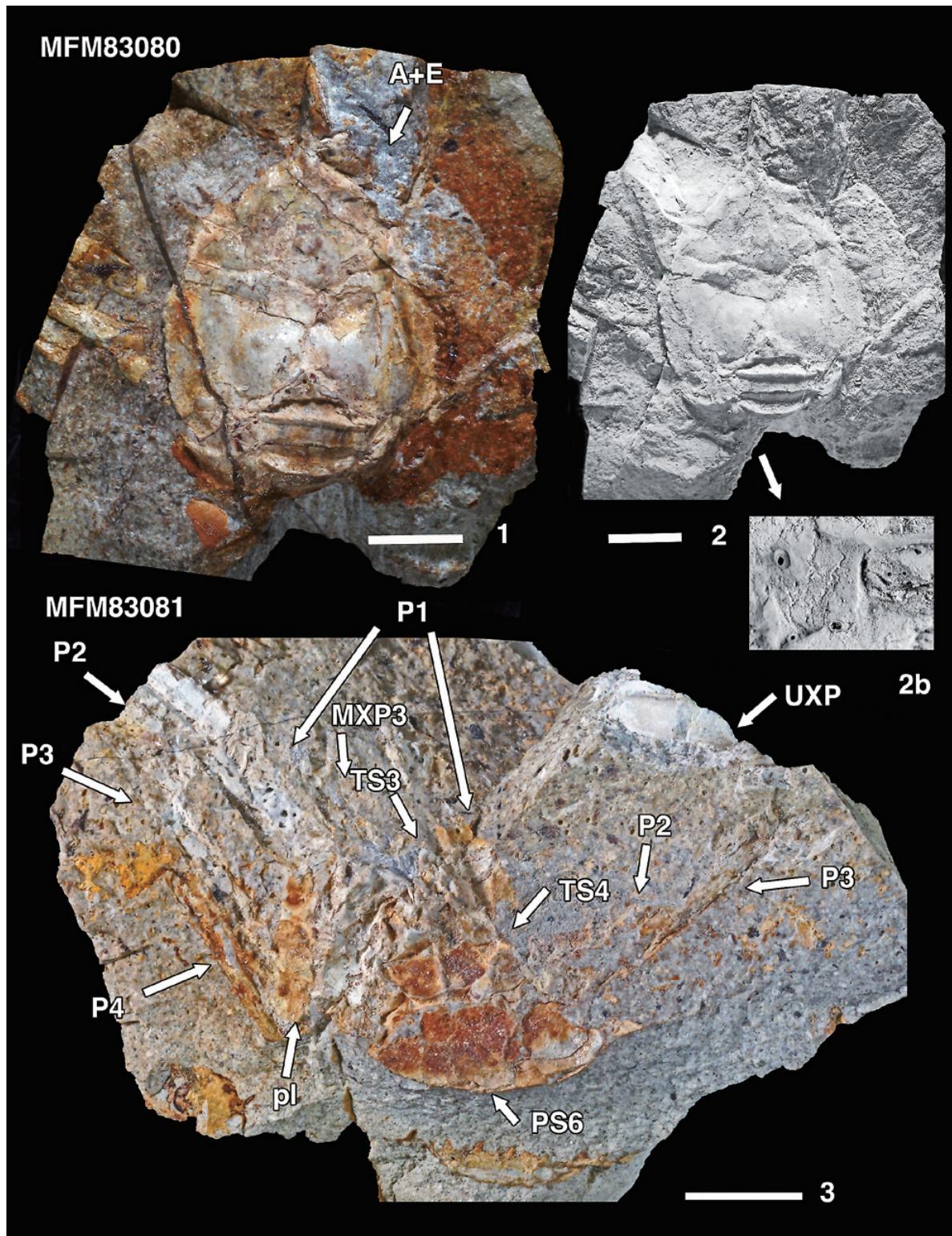


## Plate 5



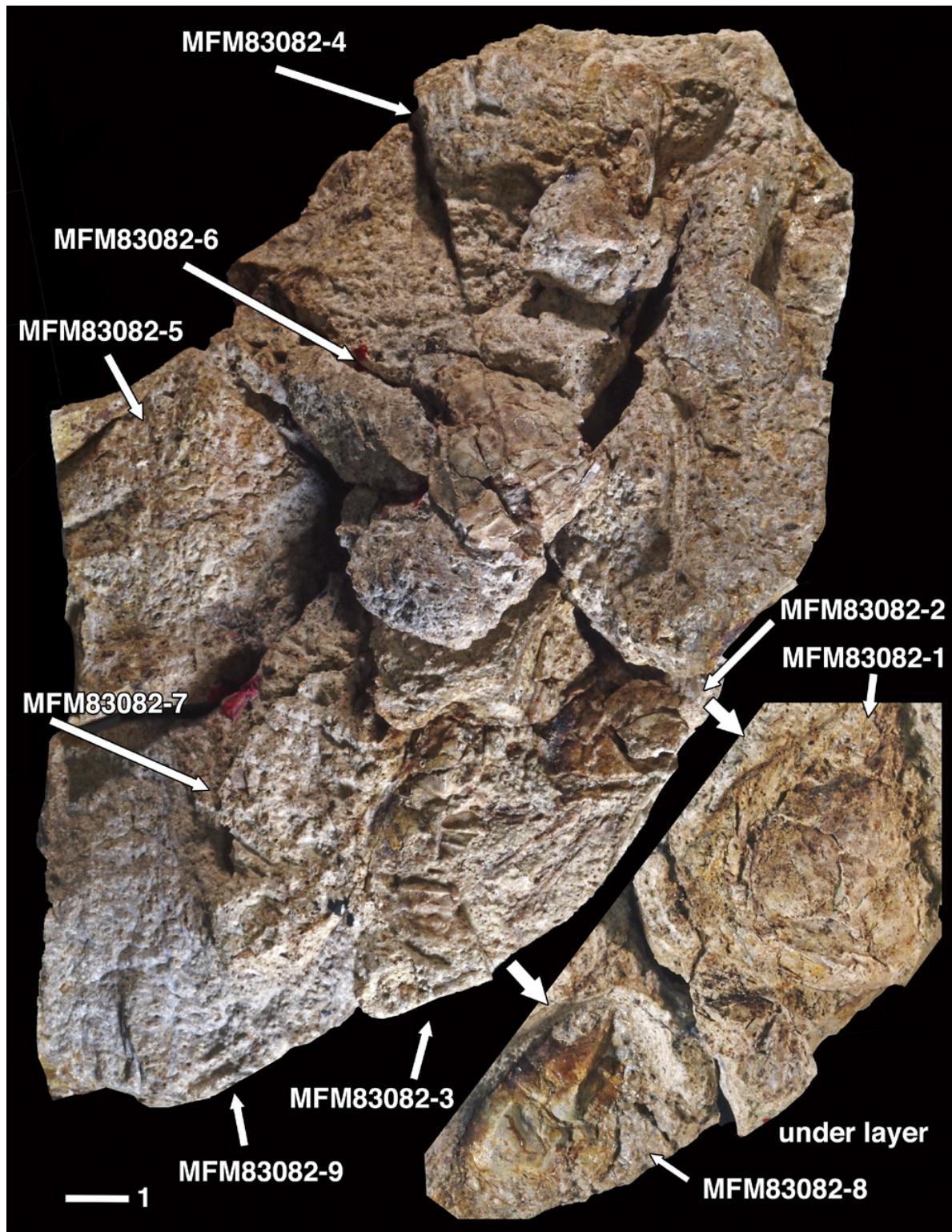
**1, 2. *Mizunotengus makiguchimai*, new genus and new species.** **1**, paratype (MFM83079), carapace, pleon, and pereiopods, from the Yamami Formation (lower Miocene), at Loc. MRZ07, dorsal view; **2**, reversed image of external mold of paratype (MFM83079). **Abbreviations:** A, antennule; MXP3, maxilliped 3; P1, pereiopod 1; P2, pereiopod 2; PS1, pleonal somite 1; PS2, pleonal somite 2; PS3, pleonal somite 3; PS4, pleonal somite 4; PS5, pleonal somite 5. Scale bar = 1.0 cm.

## Plate 6



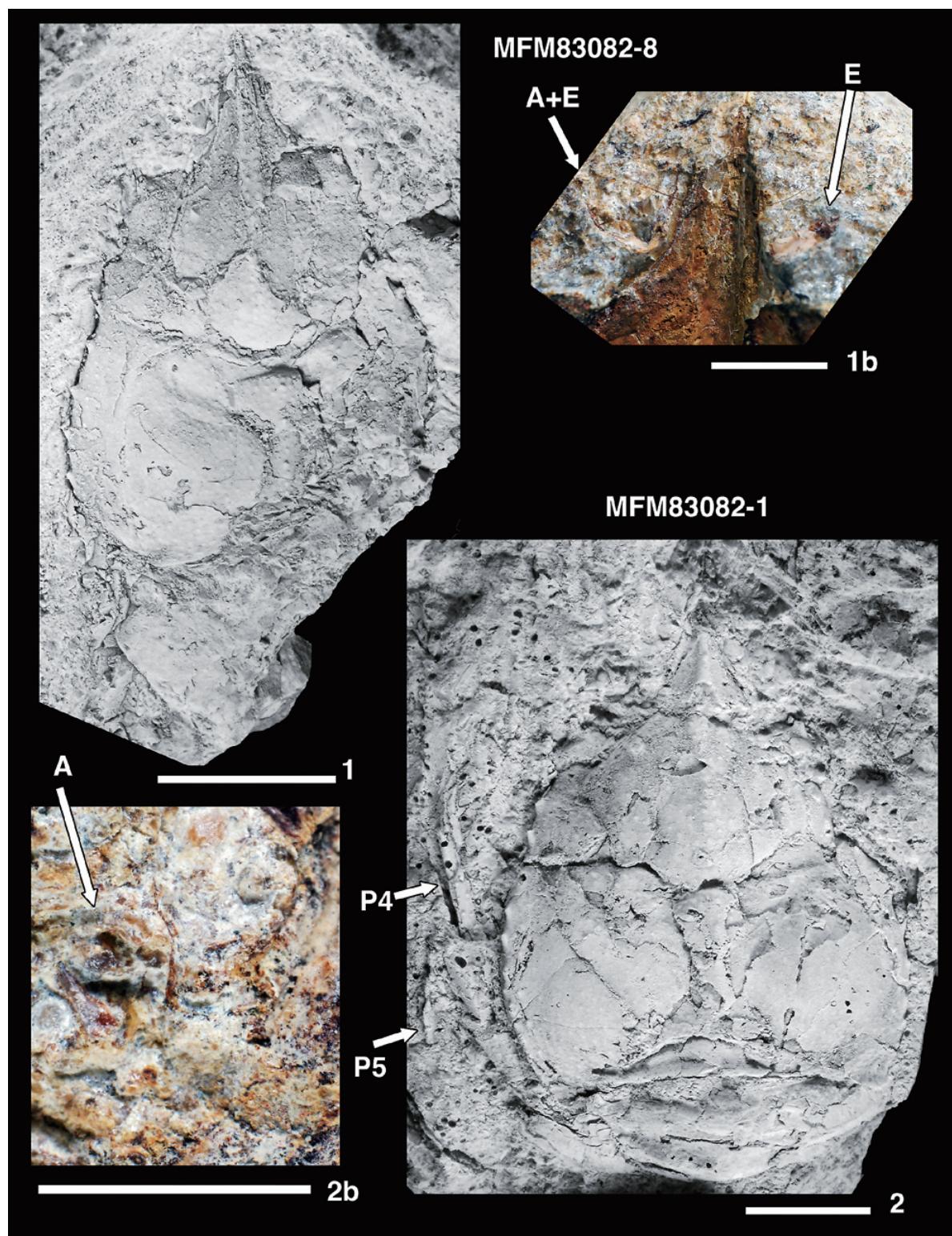
**1–3. *Mizunotengus makiguchimai*, new genus and new species.** 1, paratype (MFM83080), carapace, pleon, and pereiopods from the Yamami Formation (lower Miocene), at Loc. MRZ08, dorsal view; 2, paratype (MFM83080), coated with ammonium chloride sublimate, dorsal view 2b, close-up image of barnacle epibionts attached on pleonal somites; 3, paratype (MFM83081), thoracic sternum, pleon, and pereiopods, from the Yamami Formation (lower Miocene), at Loc. MRZ08. Abbreviations: A+E, antennule and eye; MXP3, maxilliped 3; P1, pereiopod 1; P2, pereiopod 2; P3, pereiopod 3; P4, pereiopod 4; pl, pleurites; PS6, pleonal somite 6; TS, thoracic sternum; TS3, thoracic sternite 3; TS4, thoracic sternite 4; UEP, uropodal endopod. Scale bar = 1.0 cm.

Plate 7



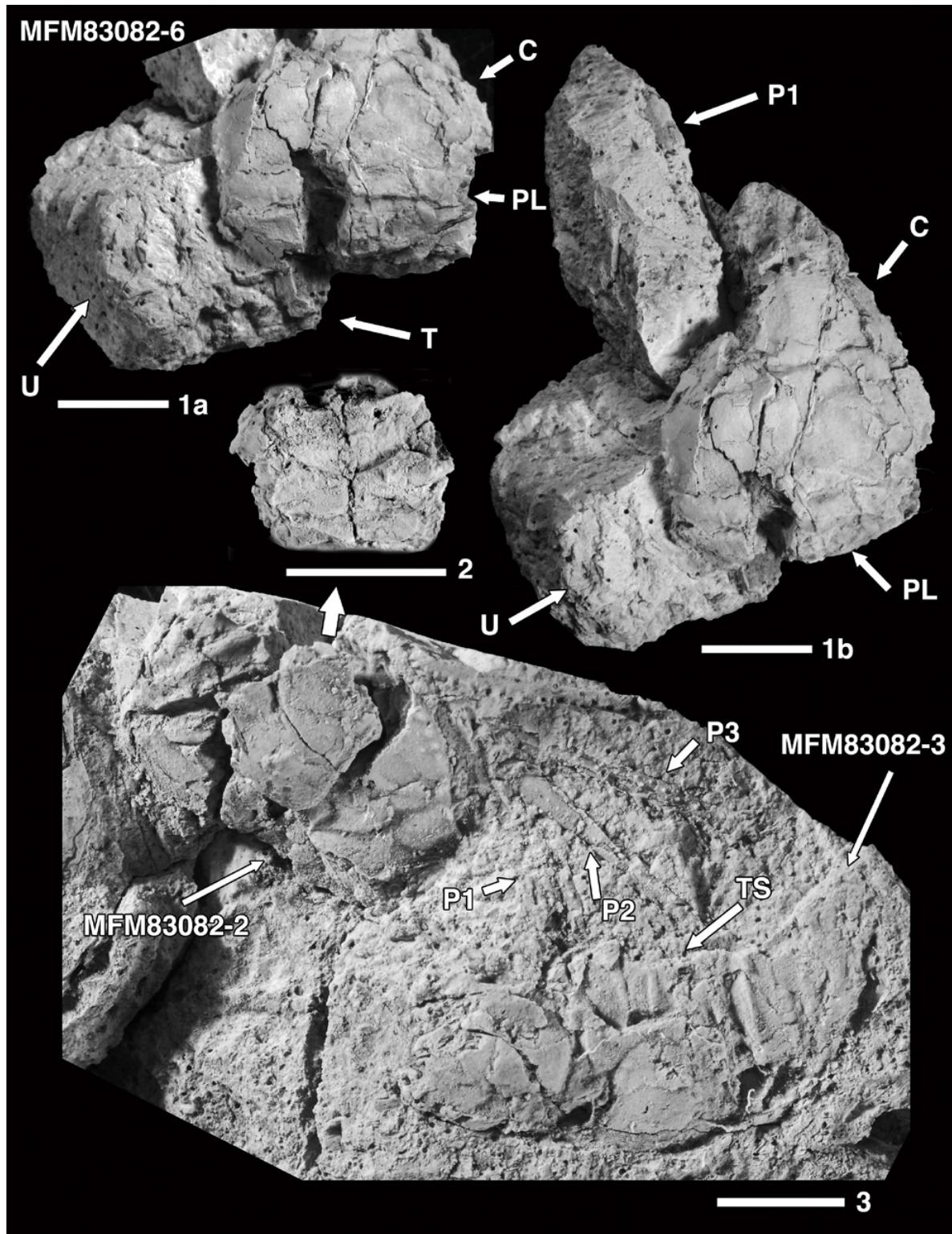
1. *Mizunotengus makiguchimai*, new genus and new species. Occurrences of paratype specimens (MFM83082-1–9) preserved within the matrix from the Yamami Formation (lower Miocene), at Loc. MRZ08. Scale bar = 1.0 cm. Note: Pleon, telson and uropods are indistinguishably preserved within MFM83082-5, MFM83082-7, and MFM83082-9.

## Plate 8



**1–2b.** *Mizunotengus makiguchimai*, new genus and new species. **1**, paratype (MFM83082-8), carapace and pleon, coated with ammonium chloride sublimate, from the Yamami Formation (lower Miocene), at Loc. MRZ08, dorsal view; **1b**, close-up image of right eye (E) and left eye and antennule (A+E) of paratype (MFM83082-8). **2**, paratype (MFM83082-1), carapace, pleon, and pereiopods, coated with ammonium chloride sublimate, from the Yamami Formation (lower Miocene), at Loc. MRZ08, dorsal view; **2b**, close-up image of left antennule (A) of paratype (MFM83082-1). **Abbreviations:** A, antennule; A+E, antennule and eye; E, eye; P4, pereiopod 4; P5, pereiopod 5. 1, 2, Scale bar = 1 cm; 1b, 2b, scale bar = 2.5 mm.

Plate 9



**1a-3.** *Mizunotengus makiguchimai*, new genus and new species. **1a, b**, paratype (MFM83082-6), carapace, pleon, uropods, and pereiopod 1, from the Yamami Formation (lower Miocene), at Loc. MRZ07, a (dorso-posterior view), b (dorsal view); **2**, thoracic sternum of paratype (MFM83082-2), ventral view; **3**, paratype (MFM83082-2), carapace, pleon, and pereiopods, and paratype (MFM83082-3), carapace, thoracic sternum, and pleon, from the Yamami Formation (lower Miocene), at Loc. MRZ08, dorsal view. **Abbreviations:** C, carapace; P1, pereiopod 1; P2, pereiopod 2; P3, pereiopod 3; PL, pleon; T, Telson; TS, thoracic sternum; U, uropods. Scale bar = 1.0 cm. All specimens are coated with ammonium chloride sublimate.