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Functional morphology of Pleistocene and Holocene brown bears (*Ursus arctos* Linnaeus, 1758): a 3D geometric morphometric approach to masseter biomechanics and evolutionary ecology

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On pages 194-199, in Figures 2-7, the name of the subspecies *Ursus arctos marsicanus* was misspelt (*U. a. marsiacanus*). Figures 2-7 have been reproduced here, with the name written correctly: *U. a. marsicanus*.

Aux pages 194-199, dans les Figures 2-7, le nom de la sous-espèce *Ursus arctos marsicanus* a été mal orthographié (*U. a. marsiacanus*). Les Figures 2-7 ont été reproduites ici, avec le nom correctement orthographié : *U. a. marsicanus*.

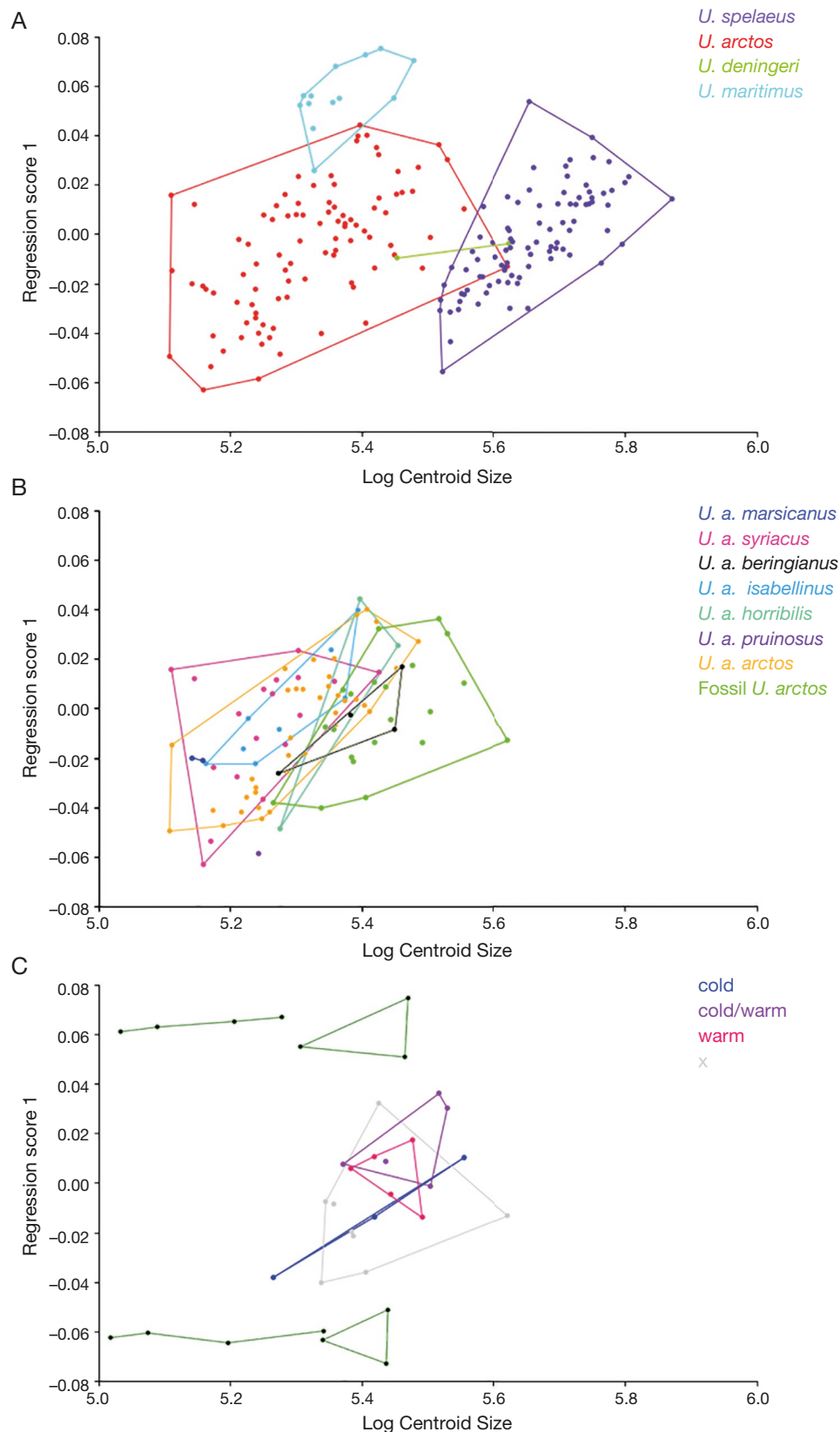


FIG. 2. — Scatterplots of the regression analysis of the Procrustes coordinates of *Ursus arctos* Linnaeus, 1758, *U. deningeri* Reichenau, 1904, *U. maritimus* Phipps, 1774 and *U. spelaeus* Rosenmüller, 1794 onto log centroid size. **A**, **B** and **C** are all in the same morphospace: **A**, all species are represented; **B**, subspecies and fossils of *U. arctos* represented; **C**, attribution of fossil *U. arctos* to warm and cold climatic conditions, “cold/warm” indicates the specimen was dated to a period that could be either and “x” indicates the specimen was not dated, with wireframes representing the shape changes associated with the regression score. Credits: Anneke H. van Heteren and Mónica Villalba de Alvarado.

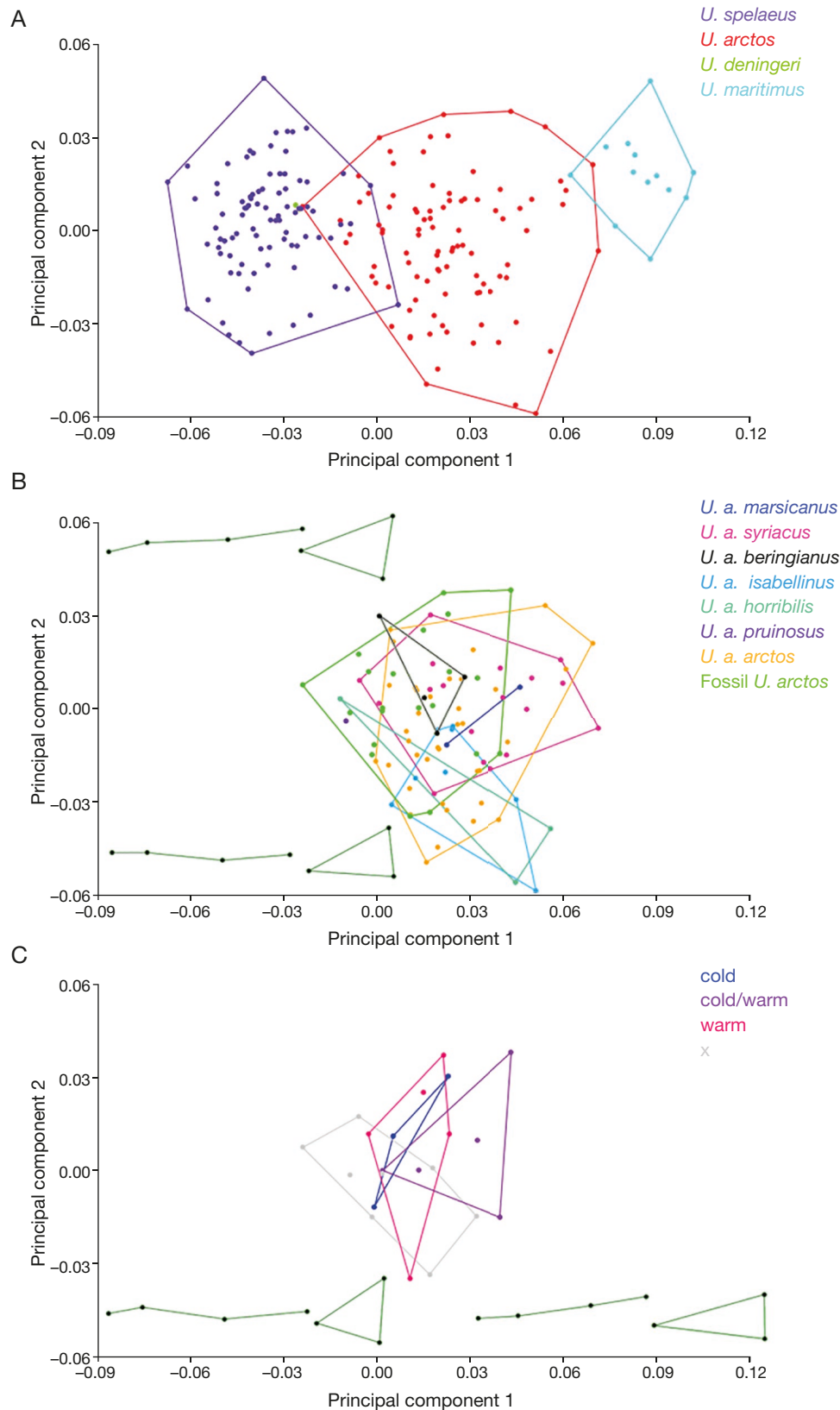


FIG. 3. — Principal components (PC) 1 and 2 of the PC analysis on the regression residuals of *Ursus arctos* Linnaeus, 1758, *U. deningeri* Reichenau, 1904, *U. maritimus* Phipps, 1774 and *U. spelaeus* Rosenmüller, 1794, derived from a regression of Procrustes coordinates onto log centroid size pooled per species. **A**, **B** and **C** are all in the same morphospace: **A**, all species; **B**, subspecies and fossils of *U. arctos* with wireframes representing the shape changes associated with PC2; **C**, attribution of fossil *U. arctos* to warm and cold climatic conditions, “cold/warm” indicates the specimen was dated to a period that could be either and “x” indicates the specimen was not dated, with wireframes representing the shape changes associated with PC1. Credits: Anneke H. van Heteren and Mónica Villalba de Alvarado.

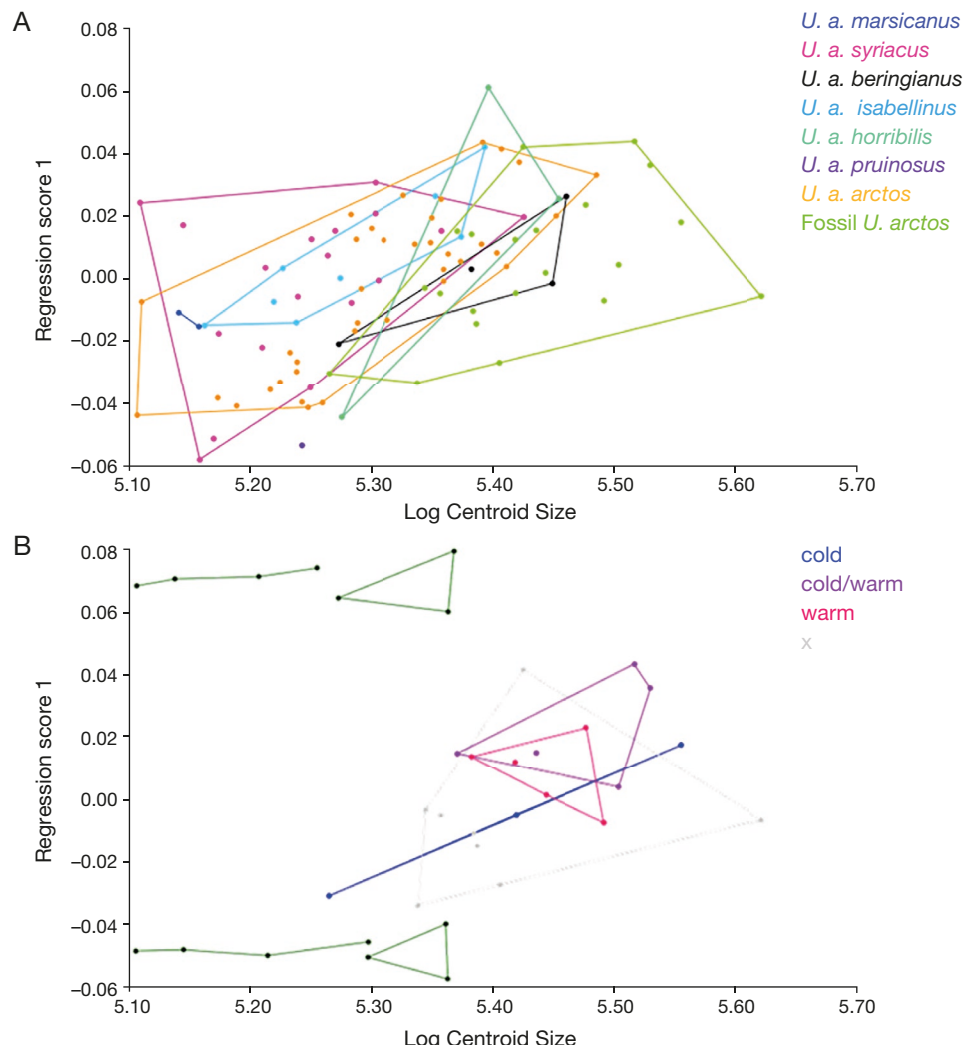


FIG. 4. — Scatterplot of the regression analysis of the Procrustes coordinates of *Ursus arctos* Linnaeus, 1758 onto log centroid size. **A** and **B** are both in the same morphospace: **A**, subspecies and fossils of *U. arctos*; **B**, attribution of fossil *U. arctos* to warm and cold climatic conditions, “cold/warm” indicates the specimen was dated to a period that could be either and “x” indicates the specimen was not dated, with wireframes representing the shape changes associated with the regression score. Credits: Anneke H. van Heteren and Mónica Villalba de Alvarado.

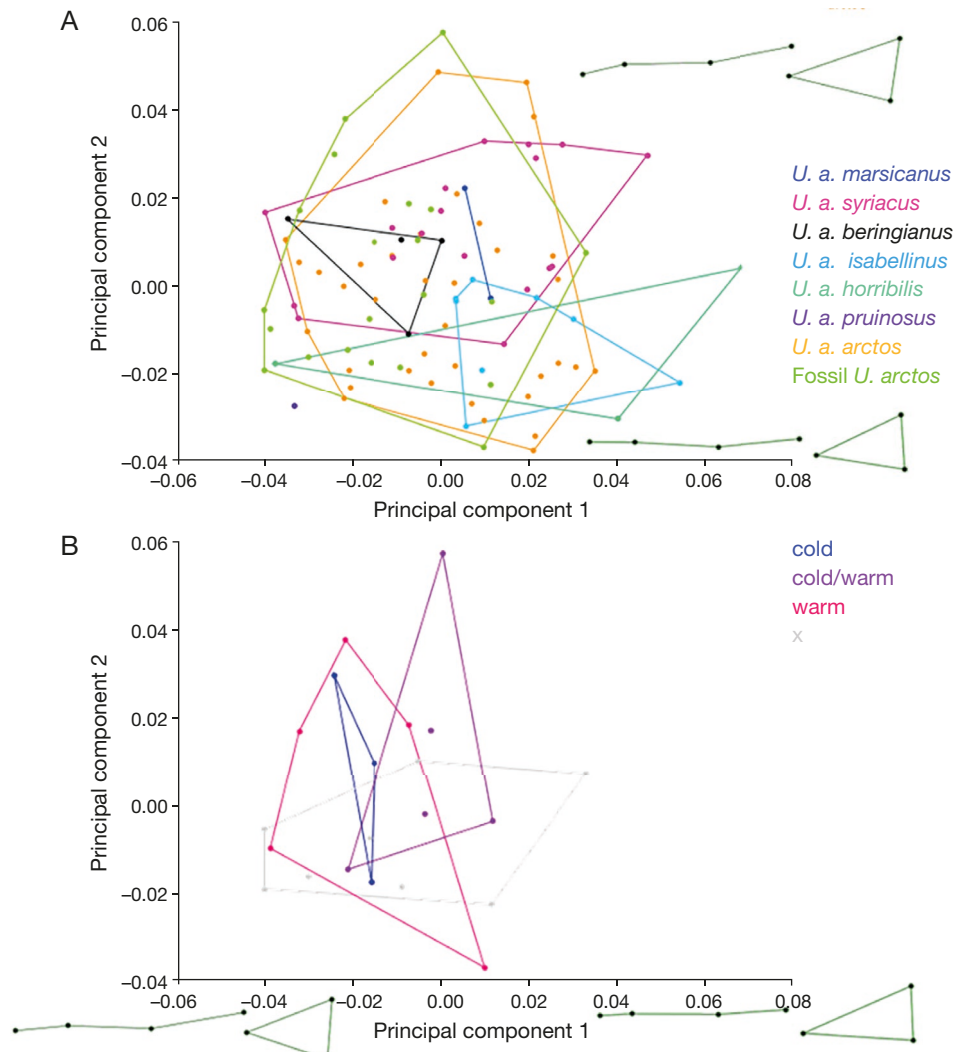


FIG. 5. — Principal components (PC) 1 and 2 of the PC Analysis on the regression residuals of *Ursus arctos* Linnaeus, 1758, derived from a regression of Procrustes coordinates onto log centroid size. **A** and **B** are both in the same morphospace: **A**, subspecies and fossils of *U. arctos* with wireframes representing the shape changes associated with PC2; **B**, attribution of fossil *U. arctos* to warm and cold climatic conditions, "cold/warm" indicates the specimen was dated to a period that could be either and "x" indicates the specimen was not dated, with wireframes representing the shape changes associated with PC1. Credits: Anneke H. van Heteren and Mónica Villalba de Alvarado.

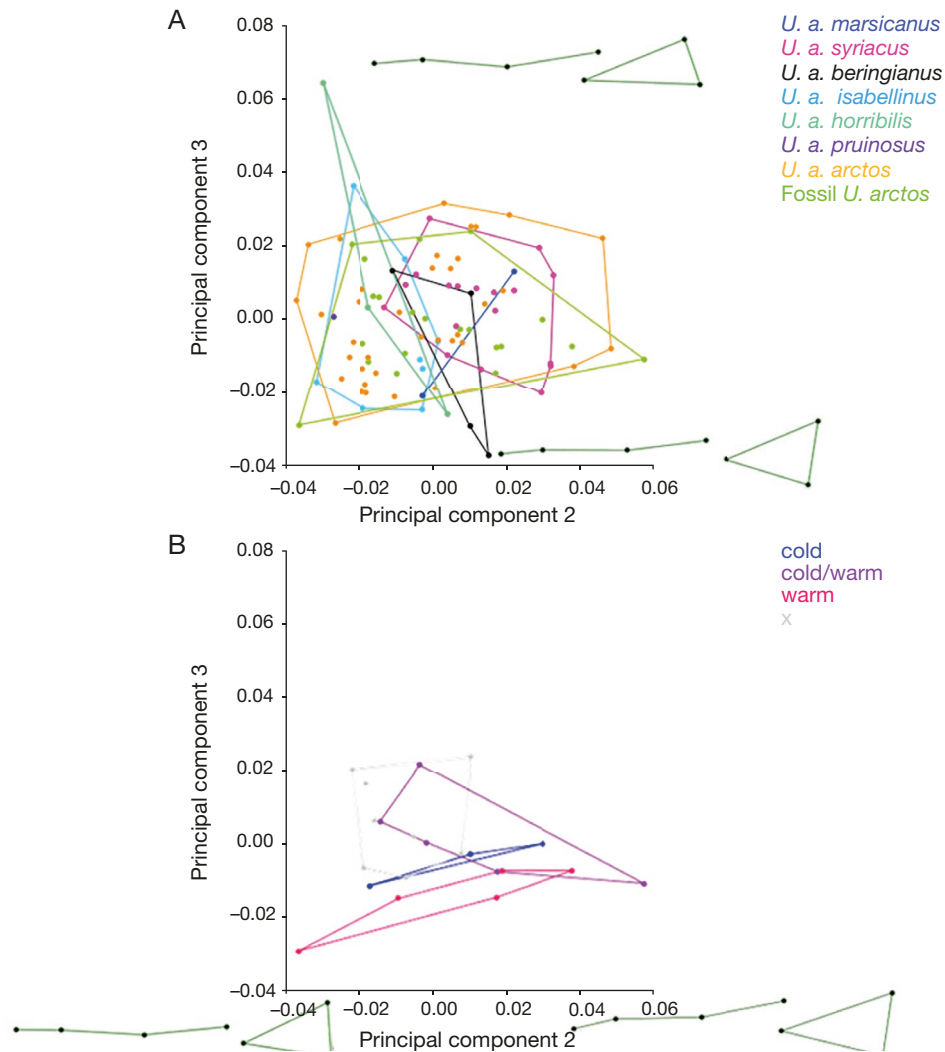


FIG. 6. — Principal components (PC) 2 and 3 of the PC Analysis on the regression residuals of *Ursus arctos* Linnaeus, 1758, derived from a regression of Procrustes coordinates onto log centroid size. **A** and **B** are both in the same morphospace: **A**, subspecies and fossils of *U. arctos* with wireframes representing the shape changes associated with PC3; **B**, attribution of fossil *U. arctos* to warm and cold climatic conditions, “cold/warm” indicates the specimen was dated to a period that could be either and “x” indicates the specimen was not dated, with wireframes representing the shape changes associated with PC1. Credits: Anneke H. van Heteren and Mónica Villalba de Alvarado.

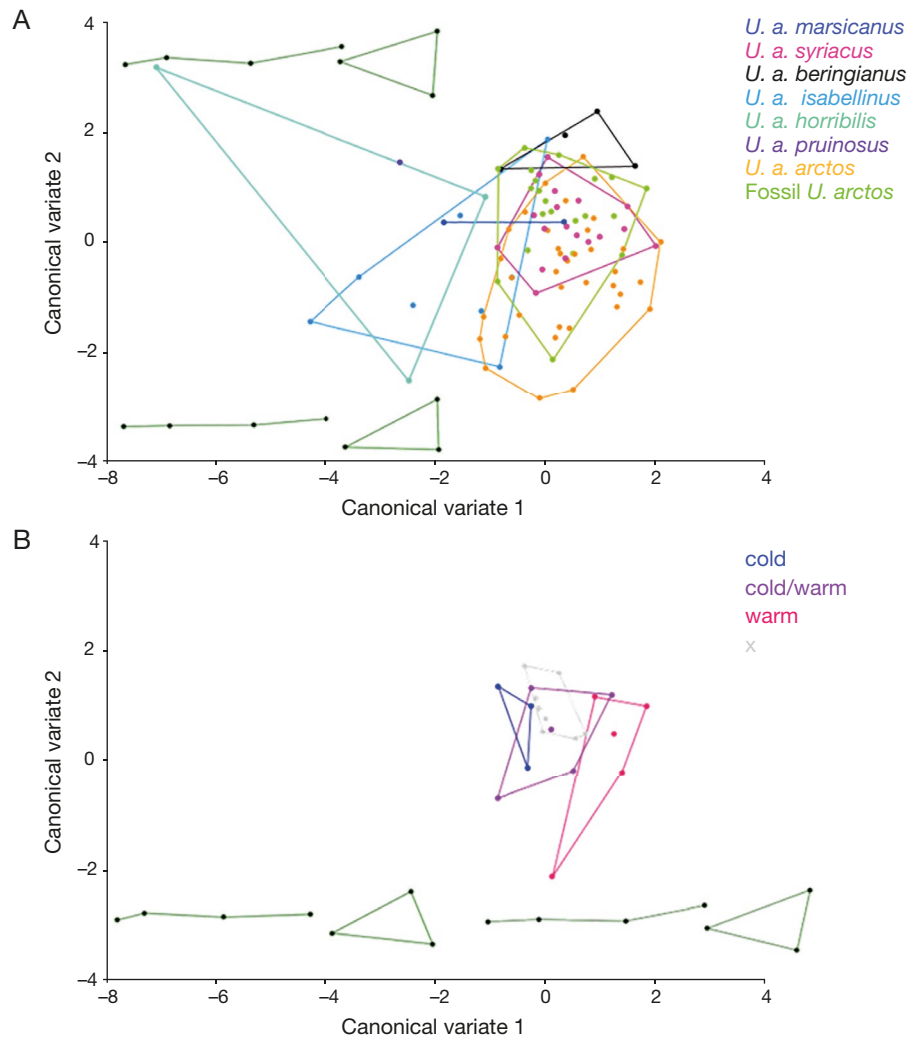


FIG. 7. — Canonical variates (CV) 1 and 2 of the CV Analysis on the regression residuals of *Ursus arctos* Linnaeus, 1758, derived from a regression of Procrustes coordinates onto log centroid size. **A** and **B** are both in the same morphospace: **A**, subspecies and fossils of *U. arctos* with wireframes representing the shape changes associated with CV2; **B**, attribution of fossil *U. arctos* to warm and cold climatic conditions, “cold/warm” indicates the specimen was dated to a period that could be either and “x” indicates the specimen was not dated, with wireframes representing the shape changes associated with CV1. Credits: Anneke H. van Heteren and Mónica Villalba de Alvarado.