

Electronic Supplementary Materials: Online Resource 2

Comparison of the skull of Brown Skua (*Catharacta antarctica lonnbergi*) and South Polar Skua (*Catharacta maccormicki*): differentiation source identification and discriminant analysis.

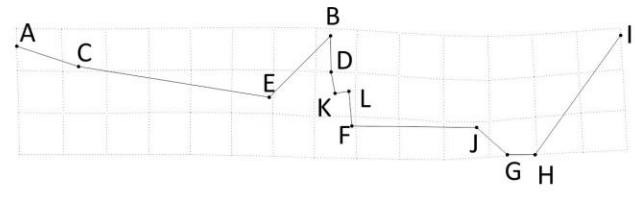
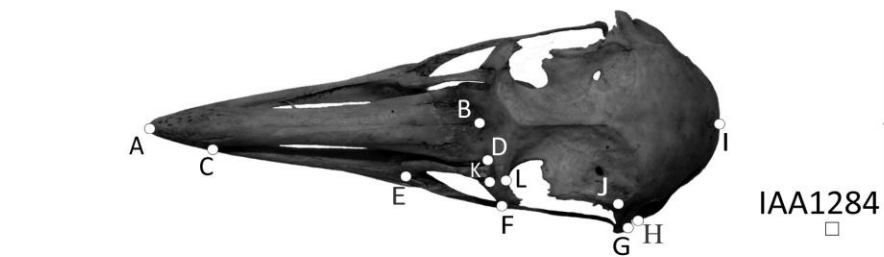
Nicolás Kass¹, Diego Montalti^{1,2} and Carolina Acosta Hospitaleche³

¹Sección Ornitología, División Zoología Vertebrados, Facultad de Ciencias Naturales y Museo, UNLP. Paseo del Bosque s/n, B1900FWA-La Plata. Argentina. E-mail: nkass@fcnym.unlp.edu.ar

²Aves, Departamento Biología. Instituto Antártico Argentino-CONICET, Cerrito 1248, C1010AAZ-Buenos Aires, Argentina. dmontalti@fcnym.unlp.edu.ar

³División Paleontología Vertebrados, Museo de La Plata, CONICET. Paseo del Bosque s/n, B1900FWA-La Plata. Argentina. acostacaro@fcnym.unlp.edu.ar

Online Resource 2. Landmarks for the skull in dorsal view. Landmark A is the end of the bill, while landmark B shows the most proximal end of the *processus nasalis*. The *aperture nasi ossea* is limited distally by landmark C and proximally by landmark D. Landmark E marks the cranial end of the *fenestra antorbitalis*. The distal end of the lacrimal bone is indicated by landmark F. Landmarks G and H limit the base of the *fossa temporalis* (landmark G is located on the *processus postorbitalis*, landmark H is over the *processus paroccipitalis*). Landmark I is the most caudal point of the skull, and landmark J is located over the margin of the *sulcus glandulae nasalis* at its most laterocaudal point. Landmark K is situated over the joint between the *fossa glandulae nasalis* and the lacrimal, in its most medial part. Finally, landmark L is on the most laterocaudal point on the joint between the lacrimal and the nasal bones. Deformation grids are given at both ends of the axes, in order to show variation along the main directions. Specimens belonging to *Catharacta maccormicki* are represented by white squares, whereas *Catharacta antarctica lonnbergi* are the black stars. Consensus configuration is shown in the middle of the biplot, with the corresponding vectors and landmarks of each analyzed specimen.



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IAA1284 □

IAA1525 □

IAA1115 □

IAA1279 □

IAA1448 ★

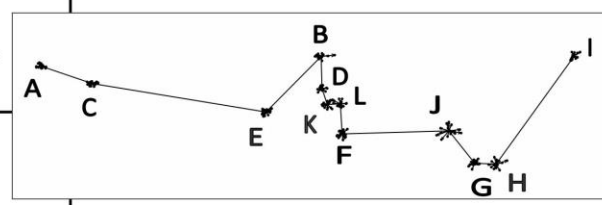
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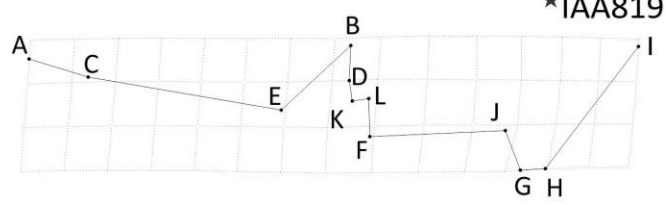
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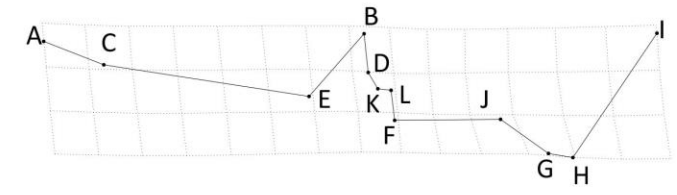
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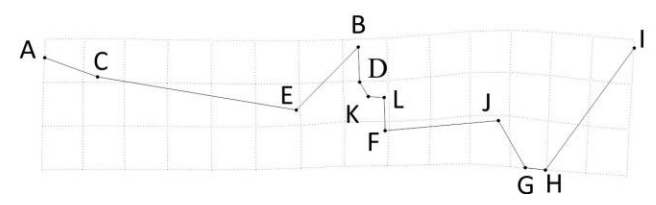
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IAA1482 ★