

Table S3. Dominant plant species sampled at two elevational sites of the Puna

Site	Plant species
Abra del Cónдор	<i>Bouteloua barbata</i> (C ₄), <i>Bromus catharticus</i> Vahl (C ₃), <i>Danthonia annableae</i> P.M. Peterson & Rúgolo (C ₃), <i>Jarava ichu</i> (Ruiz & Pav.) Kunth var. <i>pungens</i> (Nees & Meyen) Ciald. (C ₃) and <i>Jarava subaristata</i> (Matthei) Matthei (C ₃).
Iturbe	<i>Aristida asplundii</i> Henrard (C ₄), <i>Bouteloua barbata</i> Lag. (C ₄), <i>Cynodon dactylon</i> (L.) Pears. var. <i>biflorus</i> Merino (C ₄), <i>Eragrostis nigricans</i> (Kunth) Steud. var. <i>punensis</i> Nicora (C ₄), <i>Jarava plumosula</i> (Nees ex Steud) F. Rojas (C ₃), and <i>Muhlenbergia alopecuroides</i> (Griseb.) P.M. Peterson (C ₄)