

Scheme 1. Taxonomic composition of the vegetation in pre- (2009) and post-earthquake (2012, 2014 and 2016) conditions in the Tubul-Raqui wetland. (0=Absence; 1=Presence) (E=Exotic ; N=Native; C=Cosmopolitan).

Family	Species	Origin	2009	2012	2014	2016
Poaceae	<i>Spartina densiflora</i> Brongn	N	1	1	1	1
	<i>Poa annua</i> L.	E	1	1	1	1
	<i>Poa</i> sp.		0	1	1	1
	<i>Hordeum murinum</i> L.	E	1	1	1	1
	<i>Holcus lanatus</i> L.	E	1	0	1	1
	<i>Bromus catharticus</i> Vahl.	E	0	1	1	1
	<i>Lagurus ovatus</i> L.	E	0	0	0	1
	<i>Lolium multiflorum</i> Lam.	E	0	0	0	1
	<i>Avena fatua</i> L.	E	0	0	0	1
Fabaceae	<i>Trifolium repens</i> L.	E	1	1	1	1
	<i>Ulex europaeus</i> L.	E	0	1	1	0
	<i>Lupinus</i> sp.		0	1	1	1
	<i>Teline monspessulana</i> (L.) L.A.S. Johnson	E	1	1	0	0
	<i>Sarcocornia fruticosa</i> (L.) A.J.Scott	N	1	1	1	1
Caryophyllaceae	<i>Cerastium glomeratum</i> Thull	E	1	0	1	0
Asteraceae	<i>Cotula coronopifolia</i> L.	E	1	1	1	1
	<i>Carduus pycnocephalus</i> L.	E	0	1	1	1
	<i>Arctotheca calendula</i> (L.) Levyns	E	0	1	0	0
	<i>Hypochaeris</i> sp.		1	1	1	0
	<i>Anthemis cotula</i> L.	E	0	0	0	1
	<i>Lactuca serriola</i> L.	E	0	0	0	1
Polygonaceae	<i>Rumex acetocella</i> L.	E	1	1	1	1
	<i>Rumex conglomeratus</i> Murray	E	1	0	1	0
	<i>Rumex crispus</i> Murray	E	0	0	0	1
	<i>Polygonum persicaria</i> L.	E	0	1	1	1
	<i>Polygonum hydropiperoides</i> Michx	E	0	0	0	1
	<i>Polygonum</i> sp.		0	1	1	0
Juncaceae	<i>Juncus imbricatus</i> Laharpe	N	1	1	1	1
	<i>Juncus bufonius</i> L.	C	0	1	1	1
	<i>Juncus procerus</i> E. Mey.	N	1	1	1	1
Cyperaceae	<i>Schoenoplectus californicus</i> (C.A. Mey.) Soyák	N	1	1	1	1
	<i>Schoenoplectus</i> sp.		0	1	0	0
	<i>Eleocharis pachycarpa</i> E. Desv.	N	1	1	1	1
	<i>Cyperus eragrostis</i> Lam. f.	N	0	0	0	1
	<i>Scirpus aff mucronatus</i> L	E	1	0	0	1
Alliaceae	<i>Nothoscordum gramineum</i> (Sims) Beauverd	N	1	1	0	1
Lamiaceae	<i>Mentha pulegium</i> L.	E	1	1	1	0
Plantaginaceae	<i>Plantago lanceolata</i> L.	E	0	1	1	1
Alismataceae	<i>Alisma plantago-aquatica</i> L.	N	0	0	0	1
Onográceas	<i>Ludwigia peploides</i> (Humb., Bonpl. & Kunth) P.H.Raven	C	0	0	0	1
Total, species			19	26	25	31