

## Appendix 1

Table A1. Summary of species contained in each dataset. The species list is sorted according to the representation of each species among datasets. Datasets are numbered as in Table 1.

Species	Datasets						Total
	1	2	3	4	5	6	
<i>Buccinanops cochlidium</i>	0	0	1	1	1	1	4
<i>Zidona dufresnei</i>	0	0	1	1	1	1	4
<i>Bostrycapulus odites</i>	1	1	0	1	0	0	3
<i>Crepidula protea</i>	1	0	1	1	0	0	3
<i>Olivella tehuelcha</i>	1	0	1	1	0	0	3
<i>Tegula patagonica</i>	1	1	0	1	0	0	3
<i>Turbonilla uruguayensis</i>	1	1	0	1	0	0	3
<i>Adelomelon beckii</i>	0	0	0	0	1	1	2
<i>Admete</i> sp.	1	1	0	0	0	0	2
<i>Amalda josecarlosi</i>	1	0	1	0	0	0	2
<i>Parvanachis</i> sp.	1	0	0	1	0	0	2
<i>Ataxocerithium pullum</i> <sup>1</sup>	1	1	0	0	0	0	2
<i>Buccinanops monilifer</i>	0	0	1	1	0	0	2
<i>Buccinanops uruguayensis</i>	0	0	1	1	0	0	2
<i>Calliostoma coppingeri</i>	0	1	1	0	0	0	2
<i>Calliostoma nordenskjoldi</i>	0	1	1	0	0	0	2
<i>Costoanachis sertulariarum</i>	1	0	0	1	0	0	2
<i>Crepidula argentina</i>	0	1	1	0	0	0	2
<i>Crepidula intratesta</i>	0	1	1	0	0	0	2
<i>Cymatium parthenopeum</i>	0	0	1	0	0	1	2
<i>Fissurellidea megatrema</i>	0	1	0	0	1	0	2
<i>Lamellaria</i> sp.	0	1	0	0	0	0	2
<i>Nassarius scissuratus</i>	1	1	0	0	0	0	2
<i>Natica isabelleana</i>	1	0	1	0	0	0	2
<i>Olivancillaria carcellesi</i>	0	0	1	1	0	0	2
<i>Olivancillaria urceus</i>	0	0	1	1	0	0	2
<i>Pachycymbiola brasiliiana</i>	0	0	0	1	0	1	2
<i>Pareuthria powelli</i>	0	1	0	0	0	0	2
<i>Philine</i> sp.	1	0	0	0	0	0	2
<i>Pleurotomella aguayoi</i>	0	1	1	0	0	0	2
<i>Prunum martini</i>	0	1	1	0	0	0	2
<i>Solariella</i> sp.	1	0	0	0	0	0	2
<i>Tectonatica impervia</i>	1	1	0	0	0	0	2
<i>Tonna galea</i>	0	0	0	0	1	1	2

<i>Turbonilla</i> sp. A	0	1	0	0	0	0	1
<i>Turbonilla</i> sp.1	1	0	0	0	0	0	1
“ <i>Aclis</i> ” sp.	1	0	0	0	0	0	1
<i>Acteocina candei</i>	1	0	0	0	0	0	1
<i>Acteon pelecais</i>	1	0	0	0	0	0	1
<i>Adelomelon ancilla</i>	0	0	0	0	1	0	1
“ <i>Alvania</i> ” sp.	1	0	0	0	0	0	1
<i>Aesopus</i> sp.	1	0	0	0	0	0	1
Eulimidae sp 1.	1	0	0	0	0	0	1
<i>Barleeia rubrooperculata</i>	1	0	0	0	0	0	1
<i>Buccinanops deformis</i>	0	0	1	0	0	0	1
<i>Buccinanops</i> sp.	1	0	0	0	0	0	1
<i>Caecum someri</i>	1	0	0	0	0	0	1
<i>Caecum striatum</i>	1	0	0	0	0	0	1
<i>Calliostoma</i> sp. 1	0	1	0	0	0	0	1
<i>Calliostoma carcellesi</i>	1	0	0	0	0	0	1
<i>Calliostoma consimile</i>	1	0	0	0	0	0	1
<i>Calliostoma</i> sp. 2	0	1	0	0	0	0	1
<i>Calliostoma</i> sp. 3	0	1	0	0	0	0	1
<i>Callisotoma</i> sp. 4	0	1	0	0	0	0	1
<i>Carinodrillia braziliensis</i>	0	0	1	0	0	0	1
Marginelidae indet.	1	0	0	0	0	0	1
<i>Conus clenchii</i>	0	0	1	0	0	0	1
<i>Crepidatella dilatata</i>	0	1	0	0	0	0	1
<i>Crepidula</i> sp.	1	0	0	0	0	0	1
<i>Cylichnella bidentata</i>	1	0	0	0	0	0	1
<i>Doris fontainii</i>	0	1	0	0	0	0	1
<i>Spirotropis</i> cf. <i>patagonica</i>	1	0	0	0	0	0	1
<i>Spirotropis patagonica</i>	1	0	0	0	0	0	1
<i>Epitonium albidum</i>	1	0	0	0	0	0	1
<i>Epitonium angulatum</i>	1	0	0	0	0	0	1
<i>Epitonium candeaum</i>	1	0	0	0	0	0	1
<i>Epitonium denticulatum</i>	1	0	0	0	0	0	1
<i>Epitonium georgettinum</i>	1	0	0	0	0	0	1
<i>Epitonium magellanicum</i>	0	1	0	0	0	0	1
<i>Epitonium</i> sp.	1	0	0	0	0	0	1
<i>Epitonium striatellum</i>	1	0	0	0	0	0	1
<i>Eulima</i> sp.	1	0	0	0	0	0	1
<i>Eulimella argentina</i>	1	0	0	0	0	0	1
<i>Eulimella</i> sp.	1	0	0	0	0	0	1
<i>Eumetadrillia fuegensis</i>	0	1	0	0	0	0	1
<i>Euspira</i> sp.	0	1	0	0	0	0	1
<i>Finela dubia</i>	1	0	0	0	0	0	1
“ <i>Fossarus</i> ” sp.	1	0	0	0	0	0	1
<i>Fusitriton magellanicum</i>	0	0	0	0	1	0	1
<i>Halystilus columna</i>	1	0	0	0	0	0	1
<i>Macromphalina argentina</i>	1	0	0	0	0	0	1
<i>Mangelia</i> sp.	0	1	0	0	0	0	1
“ <i>Margarites</i> ” sp.	0	1	0	0	0	0	1
<i>Natica</i> sp.	1	0	0	0	0	0	1

<i>Odontocymbiola magellanica</i>	0	0	0	0	1	0	1
<i>Eulimastoma canaliculatum</i>	1	0	0	0	0	0	1
<i>Odostomia</i> cf. <i>ritteri</i>	1	0	0	0	0	0	1
<i>Odostomia</i> sp.	1	0	0	0	0	0	1
<i>Olivella</i> sp. 1	1	0	0	0	0	0	1
<i>Olivella</i> sp. 2	1	0	0	0	0	0	1
<i>Olivella</i> sp. 3	1	0	0	0	0	0	1
<i>Olivella</i> sp. 4	1	0	0	0	0	0	1
<i>Olivella</i> sp. 5	1	0	0	0	0	0	1
<i>Olivella</i> sp. 6	1	0	0	0	0	0	1
<i>Olivella puelcha</i>	1	0	0	0	0	0	1
<i>Philippia</i> sp.	0	1	0	0	0	0	1
<i>Photinula blakei</i>	1	0	0	0	0	0	1
<i>Pyramidellidae</i> indet.	1	0	0	0	0	0	1
<i>Rapana venosa</i>	0	0	0	0	0	1	1
<i>Pyrrunculus caelatus</i>	1	0	0	0	0	0	1
<i>Stramonita haemastoma</i>	0	0	0	1	0	0	1
<i>Terebra doellojuradoi</i>	1	0	0	0	0	0	1
<i>Terebra gemmulata</i>	0	0	1	0	0	0	1
Trochidae indet.	1	0	0	0	0	0	1
<i>Calyptraea centralis</i>	1	0	0	0	0	0	1
<i>Trophon patagonicus</i>	0	1	0	0	0	0	1
<i>Turbonilla dispar</i>	1	0	0	0	0	0	1
<i>Turbonilla</i> sp. 4	1	0	0	0	0	0	1
<i>Turbonilla</i> cf. <i>rushii</i>	1	0	0	0	0	0	1
<i>Turbonilla zulmae</i>	1	0	0	0	0	0	1
<i>Turbonilla</i> sp.5	1	0	0	0	0	0	1
<i>Turbonilla</i> sp. 6	1	0	0	0	0	0	1
<i>Turbonilla rushii</i>	1	0	0	0	0	0	1
<i>Turbonilla strebeli</i>	1	0	0	0	0	0	1
<i>Turbonilla</i> sp. 2	1	0	0	0	0	0	1
<i>Turbonilla</i> sp. 3	1	0	0	0	0	0	1
Turridae indet. 1	0	1	0	0	0	0	1
<i>Urosalpinx cala</i>	0	0	0	1	0	0	1
<i>Volvulella persimilis</i>	1	0	0	0	0	0	1
<i>Zemitrella bonaerensis</i>	0	1	0	0	0	0	1
Total	78	34	21	16	8	7	

<sup>1</sup>: Species identity confirmed only for dataset 2; for dataset 1, the record seems to correspond either to *Cerithiopsis* aff. *emersoni* or *Cerithiopsis greeni* (Scarabino et al. 2006).