

SUPPLEMENTARY MATERIAL S2

TABLE S2 | Species names and respective abbreviations, Functional Group (FG) clusters and FG names of fish species sampled in streams of the Pampa grasslands, in south Brazil.

FG cluster	FG names	Species	Abbreviation
1	Benthic algivores/herbivores	<i>Ancistrus brevipinnis</i>	Ancibrev
1	Benthic algivores/herbivores	<i>Ancistrus taunayi</i>	Ancitaun
1	Benthic algivores/herbivores	<i>Hemiancistrus fuliginosus</i>	Hemifuli
1	Benthic algivores/herbivores	<i>Hemiancistrus punctulatus</i>	Hemipunc
1	Benthic algivores/herbivores	<i>Hisonotus armatus</i>	Hisoarma
1	Benthic algivores/herbivores	<i>Hisonotus charrua</i>	Hisochar
1	Benthic algivores/herbivores	<i>Hisonotus laevior</i>	Hisolaev
1	Benthic algivores/herbivores	<i>Hisonotus ringueleti</i>	Hisoring
1	Benthic algivores/herbivores	<i>Hypostomus aspilogaster</i>	Hypoaspi
1	Benthic algivores/herbivores	<i>Hypostomus spiniger</i>	Hypocomm
1	Benthic algivores/herbivores	<i>Hypostomus uruguayensis</i>	Hypourug
1	Benthic algivores/herbivores	<i>Otocinclus flexilis</i>	Otocflex
2	Small compressed surface/nektonic invertivores	<i>Aphyocharax anisitsi</i>	Aphyanis
2	Small compressed surface/nektonic invertivores	<i>Charax stenopterus</i>	Charsten
2	Small compressed surface/nektonic invertivores	<i>Diapoma alegretense</i>	Diapaleg
2	Small compressed surface/nektonic invertivores	<i>Diapoma speculiferum</i>	Diapspec
2	Small compressed surface/nektonic invertivores	<i>Diapoma tipiaia</i>	Diaptipi
2	Small compressed surface/nektonic invertivores	<i>Diapoma uruguayensis</i>	Diapurug
2	Small compressed surface/nektonic invertivores	<i>Mimagoniates inequalis</i>	Mimaineq
2	Small compressed surface/nektonic invertivores	<i>Pseudocorynopoma doriae</i>	Pseudori
3	Lentic invertivores/omnivores	<i>Apistogramma commbrae</i>	Apiscomm
3	Lentic invertivores/omnivores	<i>Australoheros facetus</i>	Austface
3	Lentic invertivores/omnivores	<i>Australoheros minuano</i>	Austminu
3	Lentic invertivores/omnivores	<i>Australoheros scitulus</i>	Austscit
3	Lentic invertivores/omnivores	<i>Cichlasoma dimerus</i>	Cichdime
3	Lentic invertivores/omnivores	<i>Gymnogeophagus gymnogenys</i>	Gymngymn
3	Lentic invertivores/omnivores	<i>Gymnogeophagus labiatus</i>	Gymnlabi
3	Lentic invertivores/omnivores	<i>Gymnogeophagus mekinos</i>	Gymnmeki
3	Lentic invertivores/omnivores	<i>Gymnogeophagus meridionalis</i>	Gymnmeri
3	Lentic invertivores/omnivores	<i>Gymnogeophagus rhabdotus</i>	Gymnrhab
4	Small compressed nektonic omnivores	<i>Psalidodon aff. fasciatus</i>	Psalfasc
4	Small compressed nektonic omnivores	<i>Psalidodon dissensus</i>	Psaldiss
4	Small compressed nektonic omnivores	<i>Psalidodon eigenmanniorum</i>	Psaleige
4	Small compressed nektonic omnivores	<i>Astyanax henseli</i>	Astyhens
4	Small compressed nektonic omnivores	<i>Astyanax lacustris</i>	Astylacu
4	Small compressed nektonic omnivores	<i>Astyanax laticeps</i>	Astylati
4	Small compressed nektonic omnivores	<i>Astyanax procerus</i>	Astyproc



TABLE S2 | (Continued)

FG cluster	FG names	Species	Abbreviation
4	Small compressed nektonic omnivores	<i>Andromakhe saguazu</i>	Andrsagu
4	Small compressed nektonic omnivores	<i>Astyanax</i> sp.1	Astysp1
4	Small compressed nektonic omnivores	<i>Astyanax</i> sp.2	Astysp2
4	Small compressed nektonic omnivores	<i>Andromakhe stenohalina</i>	Andrsten
4	Small compressed nektonic omnivores	<i>Psalidodon xiru</i>	Psalexiru
4	Small compressed nektonic omnivores	<i>Bryconamericus iheringii</i>	Bryciher
4	Small compressed nektonic omnivores	<i>Cheirodon ibicuihensis</i>	Cheibic
4	Small compressed nektonic omnivores	<i>Cheirodon interruptus</i>	Cheiante
4	Small compressed nektonic omnivores	<i>Diapoma terofali</i>	Diaptero
4	Small compressed nektonic omnivores	<i>Heterocheirodon yatai</i>	Heteyata
4	Small compressed nektonic omnivores	<i>Hyphessobrycon anisitsi</i>	Hyphanis
4	Small compressed nektonic omnivores	<i>Deuterodon luetkenii</i>	Deutluet
4	Small compressed nektonic omnivores	<i>Hyphessobrycon meridionalis</i>	Hyphmeri
4	Small compressed nektonic omnivores	<i>Hyphessobrycon togoi</i>	Hyphtogo
4	Small compressed nektonic omnivores	<i>Odontostilbe pequirá</i>	Odonpequ
4	Small compressed nektonic omnivores	<i>Serrapinnus calliurus</i>	Serrcall
5	Mixed elongated invertivores	<i>Brachyhyppopomus bombilla</i>	Brachbomb
5	Mixed elongated invertivores	<i>Bunocephalus doriae</i>	Bunodori
5	Mixed elongated invertivores	<i>Eigenmannia trilineata</i>	Eigetril
5	Mixed elongated invertivores	<i>Gymnotus carapo</i>	Gymncara
5	Mixed elongated invertivores	<i>Pseudobunocephalus iheringii</i>	Pseuiher
5	Mixed elongated invertivores	<i>Synbranchus marmoratus</i>	Synbmarm
6	Lentic detritivores	<i>Callichthys callichthys</i>	Callcall
6	Lentic detritivores	<i>Corydoras cf. undulatus</i>	Coryundu
6	Lentic detritivores	<i>Corydoras paleatus</i>	Corypale
6	Lentic detritivores	<i>Corydoras undulatus</i>	Coryundu.1
6	Lentic detritivores	<i>Cyphocharax saladensis</i>	Cyphsala
6	Lentic detritivores	<i>Cyphocharax spilotos</i>	Cyphspil
6	Lentic detritivores	<i>Cyphocharax voga</i>	Cyphvoga
6	Lentic detritivores	<i>Steindachnerina biornata</i>	Steibior
7	Fusiform nektobenthic invertivores	<i>Characidium aff. zebra</i>	Charzebr
7	Fusiform nektobenthic invertivores	<i>Characidium occidentale</i>	Charocci
7	Fusiform nektobenthic invertivores	<i>Characidium orientale</i>	Charorie
7	Fusiform nektobenthic invertivores	<i>Characidium pterostictum</i>	Charpter
7	Fusiform nektobenthic invertivores	<i>Characidium tenue</i>	Chartenu
7	Fusiform nektobenthic invertivores	<i>Imparfinis mishky</i>	Impamish
7	Fusiform nektobenthic invertivores	<i>Pimelodella australis</i>	Pime aust
7	Fusiform nektobenthic invertivores	<i>Rhamdella eriarcha</i>	Rhameria
7	Fusiform nektobenthic invertivores	<i>Rhamdella longiuscula</i>	Rhamlong
8	Lentic small fusiform omnivores	<i>Cnesterodon decemmaculatus</i>	Cnesdece



TABLE S2 | (Continued)

FG cluster	FG names	Species	Abbreviation
8	Lentic small fusiform omnivores	<i>Phalloceros caudimaculatus</i>	Phalcaud
9	Large carnivores	<i>Crenicichla lepidota</i>	Crenlepi
9	Large carnivores	<i>Crenicichla punctata</i>	Crenpunc
9	Large carnivores	<i>Crenicichla scottii</i>	Crenscot
9	Large carnivores	<i>Hoplias malabaricus</i>	Hopl mala
9	Large carnivores	<i>Oligosarcus jenynsii</i>	Oligjeny
9	Large carnivores	<i>Oligosarcus oligolepis</i>	Oligolig
9	Large carnivores	<i>Oligosarcus</i> sp.	Oligsp
9	Large carnivores	<i>Rhamdia</i> sp.	Rhamsp
10	Elongated benthic invertivores	<i>Heptapterus exilis</i>	Heptexil
10	Elongated benthic invertivores	<i>Heptapterus mustelinus</i>	Heptmust
10	Elongated benthic invertivores	<i>Ituglanis australis</i>	Itugaust
10	Elongated benthic invertivores	<i>Ituglanis inusitatus</i>	Ituginus
10	Elongated benthic invertivores	<i>Microglanis cottoides</i>	Micrcott
10	Elongated benthic invertivores	<i>Scleronema guapa</i>	Scleguap
10	Elongated benthic invertivores	<i>Scleronema macanuda</i>	Sclemaca
10	Elongated benthic invertivores	<i>Scleronema minutum</i>	Scleminu
10	Elongated benthic invertivores	<i>Scleronema operculatum</i>	Scleoper
10	Elongated benthic invertivores	<i>Scleronema</i> sp.	Sclesp
11	Benthic flat algivores/invertivores	<i>Pseudohemiodon laticeps</i>	Pseulati
11	Benthic flat algivores/invertivores	<i>Rineloricaria cadeae</i>	Rinecade
11	Benthic flat algivores/invertivores	<i>Rineloricaria microlepidogaster</i>	Rinemicr
11	Benthic flat algivores/invertivores	<i>Rineloricaria sanga</i>	Rinesang
11	Benthic flat algivores/invertivores	<i>Rineloricaria stellata</i>	Rinestel
11	Benthic flat algivores/invertivores	<i>Rineloricaria strigilata</i>	Rinestri



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