

Correction

# Correction: Vecchioni et al. Multi-Locus Phylogenetic Analyses of the Almadablennius Clade Reveals Inconsistencies with the Present Taxonomy of Blennioid Fishes. *Diversity* 2022, 14, 53

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In the published publication [1], there was an error of misidentified sample and locality regarding GenBank sequences. The corresponding author was made aware of the mistake by Benjamin Victor (Guy Harvey Research Institute, Nova Southeastern University, USA). The corrected GenBank sequences appear below:

1. KF678526, KF678623, KF678715, KF678812, MZ026020, MW980010, and MG779071.  
JFBM 46839 was listed as *Hypoleurochilus geminatus*. It has been updated to *Hypoleurochilus* sp. The original field identification by the collector was without knowledge of a cryptic species cooccurring. Without being able to identify this sample to species, we decided to change specimen identification to *Hypoleurochilus* sp.
2. MZ026019, MW980009, MG779165, MG779132, MG779097, MG779073, and MG778931.

*Hypoleurochilus fissicornis* was actually collected in Uruguay, not Chile. The sampling locality error was unknown at the time of publication and subsequently discovered in other fish samples by several researchers. This species does not occur in Chile and was actually sampled in Punta Ballena, Uruguay.

Table 1 and Figure 1 now correctly identify *Hypoleurochilus geminatus* as *Hypoleurochilus* sp. and *Hypoleurochilus fissicornis* as being collected in Punta Ballena, Uruguay. See the corrected Table 1 and Figure 1 as follows:



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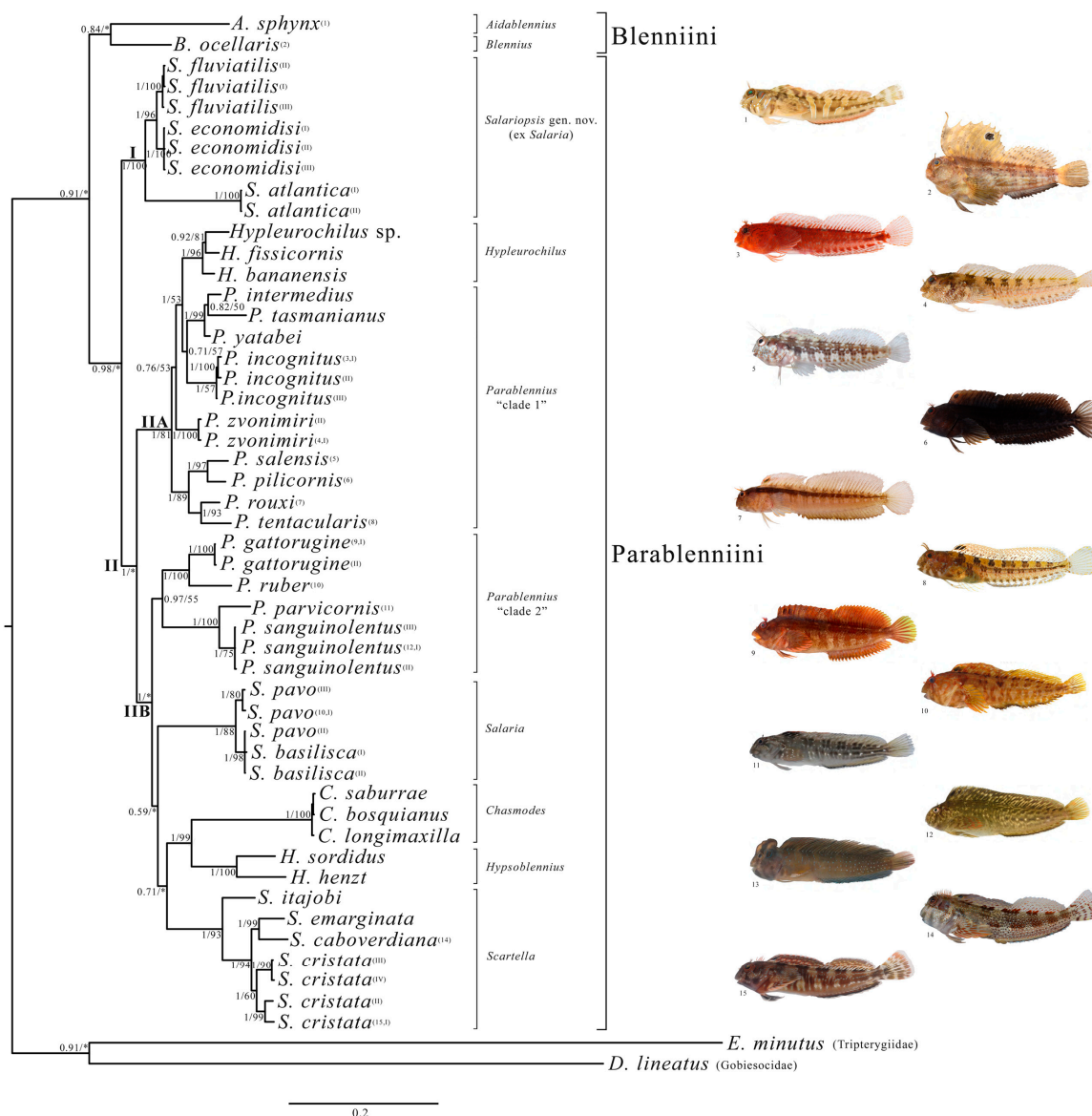
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**Table 1.** List of species sampled, catalog number, locality, and GenBank accession number for molecular loci sampled. Novel GenBank accession numbers are reported in bold. \* *Salariopsis* gen. nov. Roman numbers in brackets refer to analysed specimens shown in Figure 1.

| Species   | Taxonomical Remarks  | Catalog Number         | Locality                   | ENC1            | MYH6            | 16S      | Dloop    |
|---|--|------------------------|----------------------------|-----------------|-----------------|----------|----------|
| <i>Aidablennius sphyinx</i> (Valenciennes, 1836)                                      | -  | MNHN 2012-0219         | Balearic Islands, Spain    | KF678553        | KF678648        | MW980003 | MZ026013 |
| <i>Blennius ocellaris</i> Linnaeus, 1758  | -  | MNHN 2012-0221         | Balearic Islands, Spain    | KF678554        | KF678649        | MW980004 | MZ026014 |
| <i>Chasmodes bosquianus</i> (Lacepède, 1800)  | -  | JFBM 46472-2           | Virginia, USA              | KF678501        | KF678601        | MW980005 | MZ026015 |
| <i>Chasmodes longimaxilla</i> Williams, 1983  | -  | JFBM 46845-1433        | Texas, USA                 | KF678530        | KF678627        | MW980006 | MZ026016 |
| <i>Chasmodes saburrae</i> Jordan and Gilbert, 1882                                    | -  | JFBM 46414-2           | Florida, USA               | KF678500        | KF678600        | MW980007 | MZ026017 |
| <i>Hypleurochilus bananensis</i> (Poll, 1959)   | -  | EFMM-20-201013         | Bacoli, Italy              | <b>MZ025976</b> | <b>MZ025994</b> | MW980008 | MZ026018 |
| <i>Hypleurochilus fissicornis</i> (Quoy and Gaimard, 1824)                            | -  | -                      | Punta Ballena, Uruguay     | MG779097        | MG779132        | MW980009 | MZ026019 |
| <i>Hypleurochilus</i> sp.   | -  | JFBM 46839-TX-002      | Texas, USA                 | KF678526        | KF678623        | MW980010 | MZ026020 |
| <i>Parablennius incognitus</i> <sup>(I)</sup> Miranda Ribeiro, 1915                   | -  | MNHN 2012-0237         | Balearic Islands, Spain    | KF678558        | KF678653        | MW980011 | -        |
| <i>Parablennius incognitus</i> <sup>(II)</sup> Miranda Ribeiro, 1915                  | -  | EFMM-8-090815          | Milazzo, Italy             | <b>MZ025977</b> | <b>MZ025995</b> | MW980012 | MZ026021 |
| <i>Parablennius incognitus</i> <sup>(III)</sup> Miranda Ribeiro, 1915                 | -  | EFMM-12-140815         | Avola, Italy               | <b>MZ025978</b> | <b>MZ025996</b> | MW980013 | MZ026022 |
| <i>Parablennius intermedius</i> Miranda Ribeiro, 1915                                 | -  | AMS I.45631-021        | New South Wales, Australia | KF678474        | KF678576        | MW980014 | MZ026023 |
| <i>Parablennius pilicornis</i> Miranda Ribeiro, 1915                                  | -  | MNHN 2012-0240         | Banyuls sur Mer, France    | KF678560        | KF678655        | MW980015 | MZ026024 |
| <i>Parablennius rouxi</i> Miranda Ribeiro, 1915                                       | -  | MNHN 2012-0242         | Banyuls sur Mer, France    | KF678561        | MG779139        | MW980016 | MZ026025 |
| <i>Parablennius salensis</i> Miranda Ribeiro, 1915                                    | -  | JFBM 47280-1           | Cape Verde                 | MG779103        | -               | MW980017 | MZ026026 |
| <i>Parablennius tasmanianus</i> Miranda Ribeiro, 1915                                 | -  | SAMAF 12607            | Sturt Bay, Australia       | MG779104        | MG779141        | MW980018 | MZ026027 |
| <i>Parablennius tentacularis</i> Miranda Ribeiro, 1915                                | -  | MNHN 2012-0406-BPS2265 | Port-Vendres, France       | MG779105        | -               | MW980019 | MZ026028 |
| <i>Parablennius yatabei</i> Miranda Ribeiro, 1915                                     | -  | JFBM 47154-1568        | Kochi, Japan               | KF678540        | KF678636        | MW980020 | MZ026029 |
| <i>Parablennius zvonimiri</i> <sup>(I)</sup> Miranda Ribeiro, 1915                    | -  | EFMM-25-100716         | Avola, Italy               | <b>MZ025979</b> | <b>MZ025997</b> | MW980021 | MZ026030 |
| <i>Parablennius zvonimiri</i> <sup>(II)</sup> Miranda Ribeiro, 1915                   | -  | MNHN 2012-0247         | Banyuls sur Mer, France    | KF678564        | KF678657        | MW980022 | MZ026031 |
| <i>Hypsoblennius hentz</i> (Lesueur, 1825)  | -  | JFBM 46471-VIMS10-78   | Virginia, USA              | KF678572        | KF678666        | MW980023 | MZ026032 |
| <i>Hypsoblennius sordidus</i> (Bennett, 1828)   | -  | -                      | Chile                      | MG779098        | MG779133        | MW980024 | MZ026033 |
| <i>Parablennius gattorugine</i> <sup>(I)</sup> Miranda Ribeiro, 1915                  | -  | MNHN 2012-0229         | Banyuls sur Mer, France    | KF678557        | KF678652        | MW980025 | MZ026034 |
| <i>Parablennius gattorugine</i> <sup>(II)</sup> Miranda Ribeiro, 1915                 | -  | EFMM-16-060915         | Avola, Italy               | <b>MZ025980</b> | <b>MZ025998</b> | MW980026 | MZ026035 |
| <i>Parablennius parvicornis</i> Miranda Ribeiro, 1915                                 | -  | MNHN 2012-0238         | Terceira, Azores           | KF678559        | KF678654        | MW980027 | MZ026036 |
| <i>Parablennius ruber</i> Miranda Ribeiro, 1915                                       | -  | MNHN 2012-0243         | Terceira, Azores           | KF678562        | MG779140        | MW980028 | MZ026037 |
| <i>Parablennius sanguinolentus</i> <sup>(I)</sup> Miranda Ribeiro, 1915               | -  | EFMM-23-181115         | Ognina, Italy              | <b>MZ025981</b> | <b>MZ025999</b> | MW980029 | MZ026038 |
| <i>Parablennius sanguinolentus</i> <sup>(II)</sup> Miranda Ribeiro, 1915              | -  | EFMM-27-100716         | Avola, Italy               | <b>MZ025982</b> | <b>MZ026000</b> | MW980030 | MZ026039 |
| <i>Parablennius sanguinolentus</i> <sup>(III)</sup> Miranda Ribeiro, 1915             | -  | MNHN 2012-0246         | Banyuls sur Mer, France    | KF678563        | KF678656        | MW980031 | MZ026040 |
| <i>Salaria basilisca</i> <sup>(I)</sup> (Valenciennes, 1836)                          | -  | MZFU-17633             | Ghar El Melh, Tunisia      | -               | -               | MH724822 | MH715446 |
| <i>Salaria basilisca</i> <sup>(II)</sup> (Risso, 1810)                                | -  | MZFU-17634             | Sayed, Tunisia             | -               | -               | MH724823 | MH715447 |
| <i>Salaria pavo</i> <sup>(I)</sup> (Risso, 1810)                                      | -  | -                      | Palermo, Italy             | <b>MZ025983</b> | <b>MZ026001</b> | MH724841 | MH715465 |
| <i>Salaria pavo</i> <sup>(II)</sup> (Risso, 1810)                                     | -  | -                      | Palermo, Italy             | <b>MZ025984</b> | <b>MZ026002</b> | MH724842 | MH715466 |
| <i>Salaria pavo</i> <sup>(III)</sup> (Kottelat, 2004)                                 | -  | MNHN 2003-1994         | Ile-Tudy, France           | KF678551        | KF678646        | MW980032 | MZ026041 |
| <i>Salariopsis</i> * <i>atlantica</i> <sup>(I)</sup> Doadrio, Perea & Yahyaoui, 2011  | Previously the genus referred to <i>Salaria</i> Forsskål, 1775 | MNCN 279641-279660     | Ouerrha R. Morocco         | -               | -               | FJ465736 | FJ465527 |
| <i>Salariopsis</i> * <i>atlantica</i> <sup>(II)</sup> Doadrio, Perea & Yahyaoui, 2011 | Previously the genus referred to <i>Salaria</i> Forsskål, 1775 | MNCN 279641-279660     | Ouerrha R. Morocco         | -               | -               | FJ465737 | FJ465526 |
| <i>Salariopsis</i> * <i>economidisi</i> <sup>(I)</sup> (Kottelat, 2004)               | Previously the genus referred to <i>Salaria</i> Forsskål, 1775 | -                      | Lake Trichonis, Greece     | <b>MZ025985</b> | <b>MZ026003</b> | MW980033 | MZ026042 |

Table 1. Cont.

| Species   | Taxonomical Remarks  | Catalog Number  | Locality               | ENC1            | MYH6            | 16S             | Dloop           |
|---|--|-----------------|------------------------|-----------------|-----------------|-----------------|-----------------|
| <i>Salariopsis * economidisi</i> <sup>(II)</sup>                | Previously the genus referred to <i>Salaria</i> Forsskål, 1775 | -               | Lake Trichonis, Greece | <b>MZ025986</b> | <b>MZ026004</b> | <b>MW980034</b> | <b>MZ026043</b> |
| <i>Salariopsis * economidisi</i> <sup>(III)</sup>               | Previously the genus referred to <i>Salaria</i> Forsskål, 1775 | -               | Lake Trichonis, Greece | <b>MZ025987</b> | <b>MZ026005</b> | <b>MW980035</b> | <b>MZ026044</b> |
| <i>Salariopsis * fluviatilis</i> <sup>(I)</sup><br>(Asso, 1801) | Previously the genus referred to <i>Salaria</i> Forsskål, 1775 | MZFU-17635      | Stream Frattina, Italy | <b>MZ025988</b> | <b>MZ026006</b> | MH724847        | MH715471        |
| <i>Salariopsis * fluviatilis</i> <sup>(II)</sup>                | Previously the genus referred to <i>Salaria</i> Forsskål, 1775 | MZFU-17636      | Lake Garda, Italy      | <b>MZ025989</b> | <b>MZ026007</b> | MH724848        | MH715472        |
| <i>Salariopsis * fluviatilis</i> <sup>(III)</sup>               | Previously the genus referred to <i>Salaria</i> Forsskål, 1775 | -               | -                      | HM050017        | HM050075        | -               | -               |
| <i>Scartella caboverdiana</i><br>(Bath, 1990)                   | -  | JFBM 47282      | Cape Verde             | MG779110        | MG779147        | <b>MW980036</b> | <b>MZ026045</b> |
| <i>Scartella cristata</i> <sup>(I)</sup><br>(Linnaeus, 1758)    | -  | TIUFRN3520      | -                      | <b>MZ025990</b> | <b>MZ026008</b> | <b>MW980037</b> | <b>MZ026046</b> |
| <i>Scartella cristata</i> <sup>(II)</sup>                       | -  | BPS3411         | Eastern Atlantic       | <b>MZ025991</b> | <b>MZ026009</b> | <b>MW980038</b> | <b>MZ026047</b> |
| <i>Scartella cristata</i> <sup>(III)</sup>                      | -  | EFMM-4-060815   | Avola, Italy           | <b>MZ025992</b> | <b>MZ026010</b> | <b>MW980039</b> | <b>MZ026048</b> |
| <i>Scartella cristata</i> <sup>(IV)</sup>                       | -  | EFMM-24-090716  | Avola, Italy           | <b>MZ025993</b> | <b>MZ026011</b> | <b>MW980040</b> | <b>MZ026049</b> |
| <i>Scartella emarginata</i><br>(Günther, 1861)                  | -  | JFBM 47159-1576 | Kochi, Japan           | KF678541        | KF678637        | <b>MW980041</b> | <b>MZ026050</b> |
| <i>Scartella itajobi</i> (Rangel and Mendes, 2009)              | -  | TIUFRN3508      | -                      | -               | <b>MZ026012</b> | <b>MW980042</b> | <b>MZ026051</b> |
| <i>Diademichthys lineatus</i><br>(Sauvage, 1883)                | -  | -               | -                      | JX188985        | JX189754        | -               | -               |
| <i>Enneapterygius minutus</i><br>(Günther, 1877)                | -  | JFBM 46377-1224 | -                      | KF678492        | KF678594        | -               | -               |



**Figure 1.** Bayesian phylogram of the studied Blenniidae samples based on the concatenated mtDNA and nuDNA dataset. Node statistical support is reported as nodal posterior probabilities (Bayesian Inference of phylogeny, BI)/bootstrap values (maximum likelihood, ML). Asterisks indicate a bootstrap support value lower than 50. Square brackets group the samples according to the current taxonomy. Arabic numbers in brackets refer to the blennies’ images attached next to the phylogram. Roman numbers in brackets refer to specimens listed in Table 1. (I), freshwater *Salariopsis* gen. nov. (ex *Salaria*) clade; (II), marine Parablenniini clade; (IIA), *Hypleurochilus* and *Parablennius* “clade 1” subclades; (IIB), *Parablennius* “clade 2”, *Salaria*, *Chasmodes*, *Hypsoblennius* and *Scartella* subclades.

The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

**Reference**

1. Vecchioni, L.; Ching, A.C.; Marrone, F.; Arculeo, M.; Hundt, P.J.; Simons, A.M. Multi-Locus Phylogenetic Analyses of the Almadablennius Clade Reveals Inconsistencies with the Present Taxonomy of Blennioid Fishes. *Diversity* **2022**, *14*, 53. [CrossRef]

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