



Means and standard deviation for morphometric dimension of red seabream, black seabream and red seabream (♀) × black seabream (♂) hybrids, and results of ANOVA-test for differences among groups\*

| Morphometric dimension | Red seabream (%)           | Black seabream (%)         | Hybrid (%)                 |
|------------------------|----------------------------|----------------------------|----------------------------|
| HALPE/LS               | 10.08±0.88 <sup>a</sup>    | 9.73±1.25 <sup>a</sup>     | 9.27±1.03 <sup>b</sup>     |
| HAAPA/LS               | 8.26±0.56 <sup>n.s.</sup>  | 8.10±0.61 <sup>n.s.</sup>  | 8.16±0.68 <sup>n.s.</sup>  |
| DALAD/LS               | 41.11±1.79 <sup>a</sup>    | 39.42±5.24 <sup>b</sup>    | 39.68±1.86 <sup>b</sup>    |
| DALO/LS                | 29.41±0.99 <sup>a</sup>    | 30.86±2.31 <sup>b</sup>    | 29.14±1.48 <sup>a</sup>    |
| DALAV/LS               | 35.84±1.22 <sup>a</sup>    | 41.05±3.31 <sup>b</sup>    | 37.83±2.08 <sup>c</sup>    |
| DADAV/LS               | 39.79±2.71 <sup>a</sup>    | 38.98±2.96 <sup>ab</sup>   | 38.41±2.20 <sup>b</sup>    |
| DADPD/LS               | 52.10±1.10 <sup>a</sup>    | 50.53±4.56 <sup>b</sup>    | 49.43±2.84 <sup>b</sup>    |
| DADPA/LS               | 59.06±1.81 <sup>a</sup>    | 59.35±3.80 <sup>a</sup>    | 57.90±1.63 <sup>b</sup>    |
| DPPD/LS                | 53.90±0.80 <sup>a</sup>    | 52.37±6.91 <sup>a</sup>    | 49.69±2.06 <sup>b</sup>    |
| DPAA/LS                | 39.54±1.71 <sup>a</sup>    | 43.30±7.19 <sup>b</sup>    | 40.49±2.30 <sup>b</sup>    |
| DAVPD/LS               | 54.17±0.97 <sup>a</sup>    | 51.40±4.66 <sup>b</sup>    | 49.99±1.72 <sup>c</sup>    |
| DAVAA/LS               | 31.28±1.53 <sup>a</sup>    | 33.19±3.02 <sup>b</sup>    | 33.29±1.80 <sup>b</sup>    |
| BDAA/LS                | 35.78±1.58 <sup>a</sup>    | 33.50±2.68 <sup>b</sup>    | 32.27±1.30 <sup>c</sup>    |
| DAAPD/LS               | 31.51±1.34 <sup>a</sup>    | 29.09±2.08 <sup>b</sup>    | 28.50±1.93 <sup>b</sup>    |
| DAAPA/LS               | 17.17±0.80 <sup>a</sup>    | 14.73±1.26 <sup>b</sup>    | 16.19±3.36 <sup>c</sup>    |
| DPAPA/LS               | 18.96±0.94 <sup>a</sup>    | 17.13±1.47 <sup>b</sup>    | 16.61±1.29 <sup>c</sup>    |
| CH/LS                  | 10.68±0.52 <sup>n.s.</sup> | 11.10±1.41 <sup>n.s.</sup> | 10.78±1.21 <sup>n.s.</sup> |
| CL/LS                  | 21.76±0.57 <sup>a</sup>    | 16.14±2.71 <sup>b</sup>    | 21.36±1.99 <sup>a</sup>    |
| HWPE/LS                | 13.44±1.35 <sup>a</sup>    | 15.95±0.89 <sup>b</sup>    | 13.76±1.00 <sup>b</sup>    |
| BWAD/LS                | 16.04±1.69 <sup>a</sup>    | 17.45±0.95 <sup>b</sup>    | 16.08±1.22 <sup>b</sup>    |
| BWPD/LS                | 7.56±1.55 <sup>a</sup>     | 7.43±0.30 <sup>a</sup>     | 7.07±1.30 <sup>b</sup>     |

\* Dimensions abbreviation are presented in Fig 1. Data were analysed using one-way ANOVA on data transformed to arcsine of square root. Mean values in each row having same superscript were not significantly different ( $P>0.05$ ). n.s.: not significant.

## Reference

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- Park, I.S. J.H. Im, D.K. Ryu, Y.K. Nam and D.K. Kim. 2001. Effect of starvation on morphometric change in *Rhynchocypris oxycephalus* (Sauvage and Dabry). *J. Appl. Ichthyol.*, 17: 227-281.