**Supplementary Table S1**. Metric and morphometric traits (mean traits ± S.D.) in common bream (*Abramis brama*: AB), roach (*Rutilus rutilus*; RR) and hybrids from Hamry reservoir, Czech Republic.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Traits linked to morphology** | ***A. brama*** | ***R. rutilus*** | **Hybrids** | **Significant differences** |
| Metric traits |  |  |  |  |
| Number of gill rakers | 21-25 | 12-15 | 17-19 |  |
| Number of scales in the lateral line  | 52-57 | 42-45 | 47-50 |  |
| Dorsal fin to lateral line scales  | 12-14 | 7-9 | 10-11 |  |
| Anal fin to lateral line scales  | 6-7 | 3-4 | 5-6 |  |
| Number of branched rays in anal fin | 24-25 | 9-11 | 14-16 |  |
| Morphometric traits |  |  |  |  |
| Standard length (mm) | 272.1±10.3 | 236.4±39.5 | 193±17.7 | a |
| Head length (mm) | 66.2±4.2 | 57.3±9.8 | 42.8±3.8 | c |
| Head width (mm) | 34.7±3.07 | 30.4±6.3 | 22.9±2.3 | c |
| Head depth (mm) | 50±2.8 | 42.3±8.5 | 32.2±2.6 | c |
| Preorbital distance (mm)  | 16.6±1.8 | 13.4±2.3 | 10.5±1.3 | n.s. |
| Diameter of the eye (mm) | 13.8±0.4 | 9.6±0.5  | 12.7±2.2 | n.s. |
| Postorbital distance (mm) | 35.9±2.5 | 31.3±5.8 | 23.8±1.8 | n.s. |
| Interorbital distance (mm) | 24.8±1.8 | 21.4±4.4 | 16.5±1.7 | n.s. |
| Body depth (mm) | 106.7±3.7 | 81.7±14.5 | 58.3±6.6 | **a** |
| Body width (mm) | 33.1±2.2 | 31.3±5.9 | 27±3.2 | b |
| Predorsal distance (mm) | 162.5±7.2 | 124.9±21 | 99.4±10.1 | b |
| Prepectoral distance (mm) | 66.2±3.8 | 56±10.1 | 43.7±4.2 | n.s. |
| Preventral distance (mm) | 123.5±6.2 | 111.4±20.5 | 90.7±9.9 | n.s. |
| Preanal distance (mms) | 177.5±9.5 | 164.7±29.4 | 133.5±13.7 | b |
| Length of the anal fin (mm) | 67.7±3.6 | 41.4±6.5 | 23.1±2.3 | **a** |
| Depth of the anal fin (mm) | 57.2±4.2 | 38.7±3.9 | 28.6±1.8 | **a** |
| Length of the dorsal fin (mm) | 35.2±1.9 | 33.9±6.4 | 28.4±2.7 | n.s. |
| Depth of the dorsal fin (mm) | 74.5±3.9 | 52.8±7.2 | 43.6±4.7 | b |

**a**Significant difference in metric and morphometric traits (*P* < 0.05) between the hybrids and both parental species.

bSignificant difference in metric and morphometric traits (*P* < 0.05) between the hybrids and common bream.

cSignificant difference in metric and morphometric traits (*P* < 0.05) between the hybrids and roach.

n.s., non-significant difference.