Supplementary Material to:

**Description of two new species of the genus *Gobio*
(Teleostei: Cyprinidae) from the Black Sea coast of Turkey**

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Annex

Comparative material

Gobio holurus: GNM 174, 3, 60-75 mm SL; Russia: Podkumok River, Caspian Sea basin.

Gobio caucasicus: FFR 05925, 10, 35-83 mm SL; Georgia: Tbilisi Prov.: Rioni River; Bella Japoshvili, 30 September 2012. — GNM 1381, 4, 49-75 mm SL; Khevishtkali Prov.: Georgia; Rioni River; R. Elanidze, 18 June 1968.

Gobio cf. *caucasicus*: FSJF 817, 6, 53-90 mm SL; Russia: Shake River, Black Sea Basin, A. M. Naseka & J. Freyhof, 15 June 2001. — FSJF 817, 8, 48-82 mm SL, Russia: Kherota River, Black Sea Basin, A. M. Naseka & J. Freyhof, 8 June 2001.

Gobio sakaryaensis: FFR 2505, 10, 49-89 mm SL; Turkey: Bilecik Prov.: Tozman Stream, 40°04'N 30°30'E, Sakarya River drainage, Black Sea Basin; F. G. Ekmekçi & M. Ekmekçi, 20 October 2006. — IUSHM 2010-1000, 4, 73-115; Turkey: Eskişehir Prov.: Pürtek Stream, 39°33'N 31°45'E, Sakarya River; M. Özuluğ, & J. Freyhof, 16 June 2006. — IUSHM 2010-1001, 5, 72-93; Turkey: Eskişehir Prov.: Porsuk Stream, 39°40'N 30°09'E, Sakarya River; M. Özuluğ & J. Freyhof, 16 June 2006.

Gobio kovatschevi: FFR 2500, 15, 65-86 mm SL; Turkey: Çanakkale Prov.: Bakacak Stream 40°12'N 27°03'E, Marmara Sea basin, F. Güler Ekmekçi, Mehmet Ekmekçi & Ş. Gülsün Kırankaya, 9 April 2005. — FFR 2502, 7, 71-81 mm SL; Turkey: Çanakkale Prov.: Alçın Stream, drainage of Aegean Sea, D. Turan & R. Buyurucu, 2 August 2007. — IUSHM 2010-1002, 13, 69-80 mm SL; Turkey: Çanakkale Prov.: Bakacak Stream, 40°12'N 27°05'E, Marmara Sea basin, M. Özuluğ & J. Freyhof, 30 October 2007. — IUSHM 2010-1003, 10, 64-73 mm SL, Turkey: Çanakkale Prov.: Bahçeli Stream, Kara Menderes drainage, 39°41'N 26°23'E, Marmara Sea basin, M. Özuluğ & J. Freyhof, 31 October 2007. — FFR 05936, 25, 59-107 mm SL; Turkey: Kırklareli Prov.: Rezve River, Black Sea basin; D. Turan, M. Çelilk, M. Kopuz & M. Çelik, 21 October 2014.

Gobio hettitorum: SCFK-SDU/0383, 15, 70-108 mm SL; Turkey: Konya Prov.: Karaman County, İbralı stream; 04 June 2008.

Gobio insuayanus: ESFM-PISI/2000-019, 13, 55-97 mm SL; Turkey: Aksaray Prov.: Cihan-beyli County, Pınarbaşı Stream, drainage of Tuz Lake; 10 May 2000.

Gobio gymnostethus: SCFK-SDU/0227, 20, 53-87 mm SL; Turkey: Aksaray Prov.: Gülağaç Stream at Gülağaç Village; 10 August 2004.

Gobio intermedius: FFR 1153, 10, 63-90 mm SL, Turkey: Aydın Prov.: Gali Stream, drainage of Lake Eber; 7 July 2007.

Gobio microlepidotus: IUSHM 2010-1004, 10, 90-146 mm SL, Turkey: Konya Prov.: Kirali Stream, drainage of Lake Beyşehir; 26 July 2008. IUSHM 2010-1007, 7, 76-103 mm SL, Turkey: Konya Prov.: Çelteç Stream, drainage of Lake Beyşehir; 26 July 2008. IUSHM 2010-1005, 6, 52-63 mm SL, Turkey: Konya Prov.: Battal Stream, drainage of Lake Beyşehir; 26 July 2008.

Gobio battalgilae: SCFK-SDU/0229, 9, 105-136 mm SL; Turkey: Konya Prov.: Sarıöz canal, the lower part of Eyilikler Stream, drainage of Beyşehir Lake; 10 May 2000. - FFR 1154, 10, 70-100 mm SL, Turkey: Konya Prov.: Sarıöz canal, the lower part of Eyilikler Stream, drainage of Lake Beyşehir; 15 July 2008.

Supplementary Table S1. Character loading on principal components I–II for 28 measurements taken on 72 specimens of *Gobio kizilirmakensis*, *G. artvinicus*, *G. caucasicus* and *G. cf. caucasicus*.

Morphometric features (% SL)	PC1	PC2
Head length	0.241	-0.174
Body depth at dorsal fin origin	0.055	0.259
Caudal peduncle depth	0.031	0.031
Head width ₁ (ant. margin of eye)	0.073	-0.176
Head width ₂ (post. margin of eye)	0.065	-0.277
Head width ₃ (at opercle)	0.066	-0.179
Head depth ₁ at interorbital region	0.145	-0.124
Head depth ₂ (at occiput)	0.088	-0.167
Eye diameter	0.104	0.037
Snout length	0.078	-0.037
Interorbital width	0.106	-0.116
Snout width at nostrils	0.018	-0.136
Snout depth at nostrils	0.112	0.018
Length of mouth gape	-0.013	-0.017
Width of mouth gape	0.017	-0.197
Length of barbel	0.050	0.001
Predorsal length	0.151	0.110
Prepelvic length	0.296	0.235
Preal anal length	0.411	0.265
Pectoral-fin origin to anal fin	0.124	0.405
Pectoral-fin origin to pelvic fin	0.063	0.411
Pelvic-fin origin to anal fin	0.164	0.048
Caudal peduncle length	-0.138	-0.268
Dorsal fin height	0.328	-0.144
Pectoral-fin length	0.388	-0.161
Pelvic-fin length	0.298	-0.079
Anal-fin length	0.272	-0.216
Upper caudal-fin lobe	0.293	-0.029