

**Supplementary Table S2.** Fish species with CaMc except for the rasborinid fish in the present study

Fish species	Locality (year examined)
<i>Abbottina springeri</i>	Seomjin-gang in Sunchang (2014)
<i>Acanthorhodeus gracilis</i>	Naeseongcheon in Yecheon (2008); Osucheon (2012); Seomjin-gang in Gurye (2014) & Sunchang (2014, 2015); Cheokgwacheon (2015); Cheonnae-gang (2015); Soyangcheon (2015); Wicheon (2017); Yangcheon (2017)
<i>Acanthorhodeus macropterus</i>	Yangcheon (2010); Hoecheon (2013); Hantan-gang (2014); Hyeongsan-gang (2015); Soyangcheon (2015)
<i>Acheilognathus koreensis</i>	Hantan-gang (2014); Hoengcheon (2014); Wicheon (2014, 2015); Jicheon (2014); Seomjin-gang in Sunchang (2015)
<i>Acheilognathus lanceolatus</i>	Tamjin-gang (2014); Yugucheon (2015)
<i>Acheilognathus majusculus</i>	Yangcheon (2014)
<i>Acheilognathus rhombeus</i>	Yangcheon (2010, 2017); Hantan-gang (2012, 2014); Wicheon (2014, 2015); Seomjin-gang in Gurye (2014); Osipcheon in Yeongduk (2015); Cheokgwacheon (2015); Yugucheon (2015); Seomjin-gang in Sunchang (2015); Tamjin-gang (2015, 2017)
<i>Acheilognathus signifier</i>	Hantan-gang (2010)
<i>Acheilognathus yamatsutae</i>	Wicheon (2013, 2014, 2015); Yangcheon (2017)
<i>Carassius auratus</i>	Hantan-gang (2010); Wicheon (2015); Cheokgwacheon (2015); Yangcheon (2017)
<i>Chaenogobius urotaenia</i>	Osipcheon in Samcheok (2015)
<i>Cobitis lutheri</i>	Wicheon (2017)
<i>Coreoleuciscus splendidus</i>	Hongcheon-gang (2010); Pyeongchang-gang (2013); Banbyeoncheon (2015)
<i>Coreoperca herzi</i>	Hongcheon-gang (2010); Yangcheon (2010, 2015); Choyang-gang (2012); Wicheon (2014); Seomjin-gang in Gurye (2014) & Gokseong (2015)
<i>Coreoperca kawamebari</i>	Tamjin-gang (2015, 2017)
<i>Gnathopogon strigatus</i>	Songdaecheon (2012); Seomjin-gang in Sunchang (2014, 2015);
<i>Gobiobotia brevibarba</i>	Hantan-gang (2013)
<i>Hemibarbus labeo</i>	Wicheon (2016)
<i>Hemibarbus longirostris</i>	Hongcheon-gang (2010); Yangcheon (2010, 2015); Hantan-gang (2012, 2013); Naeseongcheon in Yecheon (2014); Cheonna-gang (2014); Soyangcheon (2014, 2015); Yugucheon (2015); Seomjin-gang in Sunchang (2015); Tamjin-gang (2017)
<i>Hemibarbus mylodon</i>	Pyeongchang-gang (2013)
<i>Hemiculter eigenmanni</i>	Tamjin-gang (2014)
<i>Koreocobitis rotundicaudata</i>	Choyang-gang (2012)
<i>Ladislabia taczanowskii</i>	Osipcheon in Samcheok (2015)
<i>Liobagrus andersoni</i>	Choyang-gang (2012)
<i>Microphysogobio longidorsalis</i>	Hantan-gang (2012, 2013); Pyeongchang-gang (2013)
<i>Micropterus salmoides</i>	Tamjin-gang (2014); Taehwa-gang (2015); Yangcheon (2017)
<i>Odontobutis platycephala</i>	Yangcheon (2010, 2013); Wicheon (2014, 2016); Hyeongsan-gang (2015); Soyangcheon (2015)
<i>Onchorhynchus masou masou</i>	Namdaecheon in Yangyang (2015); Osipcheon in Samcheok (2015)
<i>Phoxinus phoxinus</i>	Osipcheon in Samcheok (2015)
<i>Plecoglossus altivelis</i>	Namdaecheon in Yangyang (2015); Osipcheon in Samcheok (2015)
<i>Pseudogobio esocinus</i>	Wicheon (2008); Yeong-gang (2009); Yangcheon (2010); Hantan-gang (2012, 2014); Choyang-gang (2012); Pyeongchang-gang (2013); Yugucheon (2013); Yangcheon (2013, 2017); Jisucheon (2014); Jicheon (2014); Seomjin-gang in Gurye (2014) & Sunchang (2015); Cheonnae-gang (2015); Soyangcheon (2015); Namsancheon (2016)
<i>Pseudorasbora parva</i>	Seomjin-gang in Gurye (2014)
<i>Pungtungia herzi</i>	Bukcheon in Sangju (2008); Hongcheon-gang (2010); Yangcheon (2013, 2016, 2017); Hantan-gang (2014); Namdaecheon in Yangyang (2015); Wangpicheon (2015); Wicheon (2017)
<i>Rhodeus ocellatus</i>	Hantan-gang (2013); Osucheon (2013)
<i>Rhynchocypris oxycephalus</i>	Osipcheon in Samcheok (2009, 2015); Namdaecheon in Yangyang (2015); Wicheon (2015); Cheokgwacheon (2015); Taehwa-gang (2015)
<i>Sarcocheilichthys nigripinis</i>	Wicheon (2017)
<i>Sarcocheilichthys variegatus</i>	Soyangcheon (2013); Seomjin-gang in Sunchang (2015) & Gokseong (2015)
<i>Silurus asotus</i>	Baekcheon (2009)
<i>Squalidus gracilis maejimai</i>	Osipcheon in Yeongdeok (2008); Seomjin-gang in Sunchang (2015)
<i>Squalidus japonicus coreanus</i>	Yangcheon (2013, 2017); Seomjin-gang in Sunchang (2015) & Gokseong (2015); Wicheon (2017)
<i>Tribolodon hakonensis</i>	Namdaecheon in Yangyang (2009, 2015); Osipcheon in Samcheok (2015); Wangpicheon (2015)