

Beam Brook revisited: A molecular study of a historically introduced non-native  
amphibian (*Triturus carnifex*) and its limited introgression into native UK  
*Triturus cristatus* populations

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Supplementary Material

**Table S1.** Sample/collection site details, Genbank accession numbers and haplotype groupings.

Species	Genbank ref number	Ref number this study	Site no/ country of origin	Haplotype Ref
<i>T. cristatus</i> /	JQ290375	Bb01f_A1	1/Beambrook, Surrey, UK	Tri1
<i>T. carnifex</i> /	JQ290376	Bb02f_B1	1/Beambrook, Surrey, UK	Tri2
Hybrids	JQ290377	Bb03f_C1	1/Beambrook, Surrey, UK	Tri2
	JQ290378	Bb04f_D1	1/Beambrook, Surrey, UK	Tri2
	JQ290379	Bb05f_E1	1/Beambrook, Surrey, UK	Tri3
	JQ290380	Bb06f_F1	1/Beambrook, Surrey, UK	Tri3
	JQ290381	Bb07f_G1	1/Beambrook, Surrey, UK	Tri2
	JQ290382	Bb08f_H1	1/Beambrook, Surrey, UK	Tri2
	JQ290383	Bb09f_A2	1/Beambrook, Surrey, UK	Tri4
	JQ290384	Bb10f_B2	1/Beambrook, Surrey, UK	Tri1
	JQ290385	Bb11f_C2	1/Beambrook, Surrey, UK	Tri5
	JQ290386	Bb12f_D2	1/Beambrook, Surrey, UK	Tri2
	JQ290387	Bb13f_E2	1/Beambrook, Surrey, UK	Tri2
	JQ290388	Bb14f_F2	1/Beambrook, Surrey, UK	Tri2
	JQ290389	Bb15f_G2	1/Beambrook, Surrey, UK	Tri2
	JQ290390	Bb16f_H2	1/Beambrook, Surrey, UK	Tri6
	JQ290391	Bb17f_A3	1/Beambrook, Surrey, UK	Tri1
	<u>Msats only</u>	<u>Bb18m</u>	1/Beambrook, Surrey, UK	<u>Msats only</u>
	JQ290392	Bb19m_C3	1/Beambrook, Surrey, UK	Tri4
	JQ290393	Bb20m_D3	1/Beambrook, Surrey, UK	Tri2
	JQ290394	Bb21m_E3	1/Beambrook, Surrey, UK	Tri7
	JQ290395	Bb22m_F3	1/Beambrook, Surrey, UK	Tri2
	JQ290396	Bb23m_G3	1/Beambrook, Surrey, UK	Tri2
	JQ290397	Bb24j_H3	1/Beambrook, Surrey, UK	Tri2
	JQ290398	Bb25j_A4	1/Beambrook, Surrey, UK	Tri2
	JQ290399	Bb26j_B4	1/Beambrook, Surrey, UK	Tri4
	JQ290400	Bb27j_C4	1/Beambrook, Surrey, UK	Tri2
	JQ290401	Bb28j_D4	1/Beambrook, Surrey, UK	Tri2
	<u>Msats only</u>	<u>Bb29j</u>	1/Beambrook, Surrey, UK	<u>Msats only</u>

<i>T. cristatus</i> / <i>T. carnifex</i> / Hybrids	JQ290402	CPH01f_A5	2/Capel, Surrey, UK	Tri2
	JQ290403	CPH02f_B5	2/Capel, Surrey, UK	Tri2
	JQ290404	CPH03f_C5	2/Capel, Surrey, UK	Tri2
	JQ290405	CPH04f_D5	2/Capel, Surrey, UK	Tri2
	JQ290406	CPH05f_E5	2/Capel, Surrey, UK	Tri2
	JQ290407	CPH06f_F5	2/Capel, Surrey, UK	Tri2
	JQ290408	CPH07f_G5	2/Capel, Surrey, UK	Tri2
	JQ290409	CPH08f_H5	2/Capel, Surrey, UK	Tri2
	JQ290410	CPH09f_A6	2/Capel, Surrey, UK	Tri2
	JQ290411	CPH10f_B6	2/Capel, Surrey, UK	Tri2
	JQ290412	CPH11m_C6	2/Capel, Surrey, UK	Tri2
	JQ290413	CPH12m_D6	2/Capel, Surrey, UK	Tri2
	JQ290414	CPH13m_E6	2/Capel, Surrey, UK	Tri2
	JQ290415	CPH14m_F6	2/Capel, Surrey, UK	Tri2
	JQ290416	CPH15m_G6	2/Capel, Surrey, UK	Tri2
	JQ290417	CPH16m_H6	2/Capel, Surrey, UK	Tri2
	<u>Msats only</u>	<u>CPH17m</u>	2/Capel, Surrey, UK	<u>Msats only</u>
	<u>Msats only</u>	<u>CPH18j-CPH20j</u>	2/Capel, Surrey, UK	<u>Msats only</u>
<i>T. cristatus</i> / <i>T. carnifex</i> / Hybrids	JQ290437	SF01f_A7	3/Sturtwood, Surrey, UK	Tri2
	JQ290438	SF02f_B7	3/Sturtwood, Surrey, UK	Tri2
	JQ290439	SF03f_C7	3/Sturtwood, Surrey, UK	Tri4
	JQ290440	SF04f_D7	3/Sturtwood, Surrey, UK	Tri2
	JQ290441	SF05f_E7	3/Sturtwood, Surrey, UK	Tri2
	JQ290442	SF06f_F7	3/Sturtwood, Surrey, UK	Tri2
	JQ290443	SF07f_G7	3/Sturtwood, Surrey, UK	Tri2
	JQ290444	SF08f_H7	3/Sturtwood, Surrey, UK	Tri3
	JQ290445	SF09f_A8	3/Sturtwood, Surrey, UK	Tri2
	<u>Msats only</u>	<u>SF10f-SF17f</u>	3/Sturtwood, Surrey, UK	<u>Msats only</u>
	JQ290446	SF18m_B8	3/Sturtwood, Surrey, UK	Tri2
	JQ290447	SF19m_C8	3/Sturtwood, Surrey, UK	Tri2
	JQ290448	SF20m_D8	3/Sturtwood, Surrey, UK	Tri2
	JQ290449	SF21m_E8	3/Sturtwood, Surrey, UK	Tri2
	JQ290450	SF22m_F8	3/Sturtwood, Surrey, UK	Tri2
	JQ290451	SF23m_G8	3/Sturtwood, Surrey, UK	Tri2
	JQ290452	SF24m_H8	3/Sturtwood, Surrey, UK	Tri2
	JQ290453	SF25m_A9	3/Sturtwood, Surrey, UK	Tri2
	<u>Msats only</u>	<u>SF26m-SF35</u>	3/Sturtwood, Surrey, UK	<u>Msats only</u>
<i>T. cristatus</i>	JQ290418	Nb01f_D10	4/Newborough, UK	Tri2
	JQ290419	Nb02f_E10	4/Newborough, UK	Tri2
	JQ290420	Nb03f_F10	4/Newborough, UK	Tri2
	JQ290421	Nb04f_G10	4/Newborough, UK	Tri2
	JQ290422	Nb05f_H10	4/Newborough, UK	Tri2
	<u>Msats only</u>	<u>Nb06f-Nb13f</u>	4/Newborough, UK	<u>Msats only</u>
	JQ290423	Nb14m_A11	4/Newborough, UK	Tri2
	JQ290424	Nb15m_B11	4/Newborough, UK	Tri2
	JQ290425	Nb17m_D11	4/Newborough, UK	Tri2
	JQ290426	Nb18m_E11	4/Newborough, UK	Tri2
	<u>Msats only</u>	<u>Nb19m-Nb35m</u>	4/Newborough, UK	<u>Msats only</u>
<i>T. cristatus</i>	JQ290427	Pb01m_B9	5/Peterborough, UK	Tri2
	JQ290428	Pb02m_C9	5/Peterborough, UK	Tri2
	JQ290429	Pb03m_D9	5/Peterborough, UK	Tri2
	JQ290430	Pb04m_E9	5/Peterborough, UK	Tri2
	JQ290431	Pb05m_F9	5/Peterborough, UK	Tri2
	<u>Msats only</u>	<u>Pb06m-Pb07m</u>	5/Peterborough, UK	<u>Msats only</u>
	<u>Msats only</u>	<u>Pb08j-Pb16j</u>	5/Peterborough, UK	<u>Msats only</u>
	JQ290432	Pb17f_G9	5/Peterborough, UK	Tri2
	JQ290433	Pb18f_H9	5/Peterborough, UK	Tri2
	JQ290434	Pb19f_A10	5/Peterborough, UK	Tri2
	JQ290435	Pb20f_B10	5/Peterborough, UK	Tri2
	JQ290436	Pb21f_C10	5/Peterborough, UK	Tri2
	<u>Msats only</u>	<u>Pb22f-Pb35f</u>	5/Peterborough, UK	<u>Msats only</u>
<i>T. carnifex</i>	JQ290454	SG01f_F11	6/San Guisto, Italy	Tri4

	JQ290455	SG02f_G11	6/San Guisto, Italy	Tri4
	JQ290456	SG03f_H11	6/San Guisto, Italy	Tri4
	JQ290457	SG05f_B12	6/San Guisto, Italy	Tri4
	<u>Msats only</u>	<u>SG06f-SG07f</u>	6/San Guisto, Italy	<u>Msats only</u>
	JQ290458	SG08m_C12	6/San Guisto, Italy	Tri4
	JQ290459	SG09m_D12	6/San Guisto, Italy	Tri4
	JQ290460	SG10m_E12	6/San Guisto, Italy	Tri4
	JQ290461	SG11m_F12	6/San Guisto, Italy	Tri4
	JQ290462	SG12m_G12	6/San Guisto, Italy	Tri4
	<u>Msats only</u>	<u>SG13m-SG23m</u>	6/San Guisto, Italy	<u>Msats only</u>
	<u>Msats only</u>	<u>SG24i-SG32j</u>	6/San Guisto, Italy	<u>Msats only</u>
<i>T. pygmaeus</i>	gi 110704178	gi 110704178	Spain	Tri8
	gi 110704176	gi 110704176	Spain	Tri8
<i>T. carnifex</i>	gi 110704106	gi 110704106	Slovenia	Tri9
	gi 110704104	gi 110704104	Italy	Tri10
	gi 110704102	gi 110704102	Italy	Tri11
	gi 110704100	gi 110704100	Italy	Tri12
	gi 110704098	gi 110704098	Italy	Tri12
	gi 110704096	gi 110704096	Slovenia	Tri13
<i>T. dobrogicus</i>	gi 110704130	gi 110704130	Bulgaria	Tri14
	gi 110704128	gi 110704128	Hungary	Tri14
	gi 110704126	gi 110704126	Hungary	Tri15
	gi 110704124	gi 110704124	Romania	Tri16
<i>T. ivanbureschi</i>	gi 110704156	gi 110704156	Serbia	Tri17
	gi 110704154	gi 110704154	Serbia	Tri17
	gi 110704152	gi 110704152	Serbia	Tri18
	gi 110704150	gi 110704150	Turkey	Tri19
	gi 110704148	gi 110704148	Turkey	Tri20
	gi 110704146	gi 110704146	Turkey	Tri21
	gi 110704144	gi 110704144	Turkey	Tri22
<i>T. macedonicus</i>	gi 110704108	gi 110704108	Greece	Tri23
	gi 110704110	gi 110704110	Greece	Tri24
	gi 110704112	gi 110704112	Greece	Tri25
	gi 110704114	gi 110704114	Greece	Tri25
<i>T. marmoratus</i>	gi 110704162	gi 110704162	France	Tri26
	gi 110704160	gi 110704160	France	Tri26
	gi 110704158	gi 110704158	France	Tri26

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