

Supplementary material

Seeing the true colours: three new species of *Obama* (Platyhelminthes : Continenticola) from remnants of Atlantic forest in southern Brazil based on an integrative approach

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Table S1. Specimens used in the study, their sampling locality and the corresponding GenBank accession numbers for the gene studied

–, unavailable information; MG, state of Minas Gerais; PR, state of Paraná; RJ, state of Rio de Janeiro; RS, state of Rio Grande do Sul; SC, state of Santa Catarina; SP, state of São Paulo

Species	Specimen accession number	Sampling locality	Latitude	Longitude	Identification	COI	References
<i>Obama aureolineata</i> sp. nov.	MZUSP PL. 2164	Três Barras, SC (Brazil)	-26.154	-50.266	Holotype	MT919729	In this study
	MZU PL. 00305	Três Barras, SC (Brazil)	-26.154	-50.266	Paratype	MT919730	In this study
<i>Obama autumnna</i> sp. nov.	MZUSP PL. 2162	General Carneiro, PR (Brazil)	-26.396	-51.405	Holotype	MT919721	In this study
<i>Obama leticiae</i> sp. nov.	MZUSP PL. 2163	General Carneiro, PR (Brazil)	-26.396	-51.405	Paratype	MT919722	In this study
	MZU PL. 00299	Três Barras, SC (Brazil)	-26.154	-50.266	Paratype	MT919723	In this study
	MZU PL. 00300	General Carneiro, PR (Brazil)	-26.396	-51.405	Paratype	MT919724	In this study
	MZU PL. 00301	General Carneiro, PR (Brazil)	-26.396	-51.405	Paratype	MT919725	In this study
	MZU PL. 00302	Três Barras, SC (Brazil)	-26.154	-50.266	Paratype	MT919726	In this study
	MZU PL. 00303	General Carneiro, PR (Brazil)	-26.396	-51.405	Paratype	MT919727	In this study
	MZU PL. 00304	Três Barras, SC (Brazil)	-26.154	-50.266	Paratype	MT919728	In this study
<i>Obama allandra</i> Marques, Rossi, Valiati & Leal-Zanchet, 2018	MZUSP PL.2139	General Carneiro, PR (Brazil)	-26.396	-51.405	Holotype	MH378884	Marques <i>et al.</i> 2018
	MZU PL. 00283	General Carneiro, PR (Brazil)	-26.396	-51.405	Paratype	MH378881	Marques <i>et al.</i> 2018
	MZU PL. 00285	General Carneiro, PR (Brazil)	-26.396	-51.405	Paratype	MH378882	Marques <i>et al.</i> 2018
	MZU PL. 00286	General Carneiro, PR (Brazil)	-26.41	-51.356	Paratype	MH378883	Marques <i>et al.</i> 2018
<i>Obama anthropophila</i> Amaral, Leal-Zanchet & Carbayo, 2015	MZUSP PL.1007	Parque Nacional da Serra de Itajaí, SC (Brazil)	-27.048	-49.092	GenBank	KC608256.1	Carbayo <i>et al.</i> 2013
	MZUSP PL. 698	Parque Nacional da Serra de Itajaí, SC (Brazil)	-27.048	-49.092	GenBank	KC608259.1	Carbayo <i>et al.</i> 2013
<i>Obama apeva</i> (Froehlich, 1959)	MZUSP PL. 1610	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KU564149.1	Carbayo <i>et al.</i> 2016a
	MZUSP PL. 1615	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KU564147.1	Carbayo <i>et al.</i> 2016a
	MZUSP PL. 1614	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KU564145.1	Carbayo <i>et al.</i> 2016a
	MZUSPPL. 1613	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KU564140.1	Carbayo <i>et al.</i> 2016a
	MZUSPPL. 1610	São Bonifácio, SC (Brazil)	–	–	GenBank	KU564148.1	Carbayo <i>et al.</i> 2016a
	MZUSPPL. 1609	São Bonifácio, SC (Brazil)	–	–	GenBank	KU564138.1	Carbayo <i>et al.</i> 2016a
	MZUSPPL. 1607	São Bonifácio, SC (Brazil)	–	–	GenBank	KU564146.1	Carbayo <i>et al.</i> 2016a
	MZUSP PL. 1608	Paulo Lopes, SC (Brazil)	–	–	GenBank	KU564151.1	Carbayo <i>et al.</i> 2016a
<i>Obama applanata</i> (Graff, 1899)	MZUSP PL. 1616	Teresópolis, RJ (Brazil)	–	–	GenBank	KU564126.1	Carbayo <i>et al.</i> 2016a
<i>Obama argus</i> (Graff, 1899)	MZUSP PL. 1617	Santa Maria Madalena, RJ (Brazil)	–	–	GenBank	KU564152.1	Carbayo <i>et al.</i> 2016a
<i>Obama argus sensu</i> Schirch (1929)	MZUSP PL. 1618	Santa Maria Madalena, RJ (Brazil)	–	–	GenBank	KU564130.1	Carbayo <i>et al.</i> 2016a
	MZUSP PL. 1619	Santa Maria Madalena, RJ (Brazil)	–	–	GenBank	KU564131.1	Carbayo <i>et al.</i> 2016a
	MZUSP PL. 1622	Teresópolis, RJ (Brazil)	–	–	GenBank	KU564132.1	Carbayo <i>et al.</i> 2016a
	MZUSP PL. 1621	Teresópolis, RJ (Brazil)	–	–	GenBank	KU564125.1	Carbayo <i>et al.</i> 2016a

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<i>Obama baptistae</i> (Leal-Zanchet & Oliveira, 2012)	MZUSP PL. 1624	Toledo, PR (Brazil)	–	–	GenBank	KU564163.1	Carbayo <i>et al.</i> 2016a
	MZUSP PL. 1625	Machadinho, RS (Brazil)	–	–	GenBank	KU564161.1	Carbayo <i>et al.</i> 2016a
<i>Obama braunsi</i> (Graff, 1899)	MZUSP PL. 1626	Camanducaia, MG (Brazil)	–	–	GenBank	KU564214.1	Carbayo <i>et al.</i> 2016a
	MZUSP PL. 1627	Camanducaia, MG (Brazil)	–	–	GenBank	KU564157.1	Carbayo <i>et al.</i> 2016a
	MZUSP PL. 1628	Mogi das Cruzes, SP (Brazil)	–	–	GenBank	KU564123.1	Carbayo <i>et al.</i> 2016a
<i>Obama burmeisteri</i> (Schultze & Müller, 1857)	–	–	–	–	GenBank	KP262354.1	Álvarez-Presas <i>et al.</i> 2015
	–	–	–	–	GenBank	KP262355.1	Álvarez-Presas <i>et al.</i> 2015
	–	–	–	–	GenBank	KP262356.1	Álvarez-Presas <i>et al.</i> 2015
	–	–	–	–	GenBank	KP262373.1	Álvarez-Presas <i>et al.</i> 2015
	–	–	–	–	GenBank	KP262371.1	Álvarez-Presas <i>et al.</i> 2015
	–	–	–	–	GenBank	KP262377.1	Álvarez-Presas <i>et al.</i> 2015
	–	–	–	–	GenBank	KP262378.1	Álvarez-Presas <i>et al.</i> 2015
<i>Obama carinata</i> (Riester, 1938)	MZUSP PL 1062	Parque Estadual Intervales, SP (Brazil)	–24.276	–48.415	GenBank	KC608304.1	Carbayo <i>et al.</i> 2013
	MZUSP PL 1064	Parque Estadual Intervales, SP (Brazil)	–24.276	–48.415	GenBank	KC608307.1	Carbayo <i>et al.</i> 2013
<i>Obama decidualis</i> Amaral & Leal-Zanchet	MZUSP PL. 1210	Santa Maria, RS (Brazil)	–29.778	–53.867	GenBank	KP962385.1	Álvarez-Presas <i>et al.</i> 2015
	MZUSP PL. 1215	Santa Maria, RS (Brazil)	–	–	GenBank	KP962386.1	Álvarez-Presas <i>et al.</i> 2015
	MZUSP PL. 1219	Santa Maria, RS (Brazil)	–29.742	–53.844	GenBank	KP962390.1	Álvarez-Presas <i>et al.</i> 2015
	MZUSP PL. 1220	Santa Maria, RS (Brazil)	–	–	GenBank	KP962391.1	Álvarez-Presas <i>et al.</i> 2015
<i>Obama eudoximariae</i> (Ogren & Kawakausu, 1990)	MZUSP PL. 1636	Teresópolis, RJ (Brazil)	–	–	GenBank	KU564213.1	Carbayo <i>et al.</i> 2016a
	MZUSP PL. 1637	Santa Maria Madalena, RJ (Brazil)	–	–	GenBank	KU564153.1	Carbayo <i>et al.</i> 2016a
<i>Obama ficki</i> (Amaral & Leal-Zanchet, 2012)	MZUSP PL. 1146	São Francisco de Paula, RS (Brazil)	–	–	GenBank	KU564118.1	Carbayo <i>et al.</i> 2016a
	MZUPL. 00104	São Francisco de Paula, RS (Brazil)	–	–	GenBank	KU564119.1	Carbayo <i>et al.</i> 2016a
<i>Obama fryi</i> (Graff, 1899)	MZUSP PL. 1638	Teresópolis, RJ (Brazil)	–	–	GenBank	KU564133.1	Carbayo <i>et al.</i> 2016a
	MZUSP PL. 1639	Teresópolis, RJ (Brazil)	–	–	GenBank	KU564134.1	Carbayo <i>et al.</i> 2016a
	MZUSP PL. 1640	Teresópolis, RJ (Brazil)	–	–	GenBank	KU564135.1	Carbayo <i>et al.</i> 2016a
<i>Obama itatiayana</i> (Schirch, 1929)	MZUSP PL. 1641	Resende, RJ (Brazil)	–	–	GenBank	KU564159.1	Carbayo <i>et al.</i> 2016a
<i>Obama josefi</i> (Carbayo & Leal-Zanchet, 2001)	MZUSP PL. 1074	São Francisco de Paula, RS (Brazil)	–	–	GenBank	KC608317.1	Álvarez-Presas <i>et al.</i> 2015
	MZUSP PL. 1075	São Francisco de Paula, RS (Brazil)	–	–	GenBank	KC608318	Álvarez-Presas <i>et al.</i> 2015

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<i>Obama ladislavii</i> (Graff, 1899)	MZUSP PL. 736	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KP962448.1	Álvarez-Presas <i>et al.</i> 2015
	MZUSP PL. 737	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KP962449.1	Álvarez-Presas <i>et al.</i> 2015
	MZUSP PL. 742	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KP962452.1	Álvarez-Presas <i>et al.</i> 2015
	MZUSP PL. 744	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KP962454.1	Álvarez-Presas <i>et al.</i> 2015
	MZUSP PL. 749	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KP962459.1	Álvarez-Presas <i>et al.</i> 2015
	MZUSP PL. 792	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KP962480.1	Álvarez-Presas <i>et al.</i> 2015
	MZUSP PL. 793	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KP962481.1	Álvarez-Presas <i>et al.</i> 2015
	MZUSP PL. 797	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KP962485.1	Álvarez-Presas <i>et al.</i> 2015
	MZUSP PL. 800	Parque Estadual da Serra do Tabuleiro, SC (Brazil)	–	–	GenBank	KP962488.1	Álvarez-Presas <i>et al.</i> 2015
<i>Obama maculipunctata</i> Rossi <i>et al.</i> , 2015	MZU PL. 00201	São Francisco de Paula, RS (Brazil)	–29.423	–50.387	GenBank	KT250629.1	Rossi <i>et al.</i> 2016
	MZU PL. 00198	São Francisco de Paula, RS (Brazil)	–29.424	–50.386	GenBank	KT250626.1	Rossi <i>et al.</i> 2016
<i>Obama nungara</i> Carbayo, Álvarez-Presas, Jones & Riutort, 2016	–	Greenhouse Ferrari, Buenos Aires (Argentina)	–	–	GenBank	KM053223.1	Lago-Barcia <i>et al.</i> 2015
	–	Reborio, Muros de Nalón, Asturias (Spain)	–	–	GenBank	KM053214.1	Lago-Barcia <i>et al.</i> 2015
	–	Torroella de Fluvià, Girona (Spain)	42.175	–3.045	GenBank	KT714107.1	Carbayo <i>et al.</i> 2016b
	MZUSP PL. 1599	Torroella de Fluvià, Girona (Spain)	42.175	–3.045	GenBank	KT714108.1	Carbayo <i>et al.</i> 2016b
<i>Obama otavioi</i> Carbayo, 2016	MZUSP PL. 1574	Santo André, SP (Brazil)	–23.777	–46.312	GenBank	KT932833.1	Carbayo <i>et al.</i> 2016b
	MZUSP PL. 1573	Santo André, SP (Brazil)	–23.777	–46.312	GenBank	KT932832.1	Carbayo <i>et al.</i> 2016b
<i>Obama tribalis</i> Marques, Rossi, Valiati & Leal-Zanchet, 2018	MZU PL. 00288	Gravataí, RS (Brazil)	–29.803	–50.931	Paratype	MH378885	Marques <i>et al.</i> 2018
	MZU PL. 00289	Gravataí, RS (Brazil)	–29.803	–50.931	Paratype	MH378886	Marques <i>et al.</i> 2018
<i>Cratera ochra</i> Rossi <i>et al.</i> , 2015	MZUSP PL. 1564	São Francisco de Paula, RS (Brazil)	–29.427	–50.387	GenBank	KT250622.1	Rossi <i>et al.</i> 2016
	MZU PL. 00191	São Francisco de Paula, RS (Brazil)	–29.410	–50.388	GenBank	KT250623.1	Rossi <i>et al.</i> 2016
<i>Cratera crioula</i> (E. M. Froehlich, 1955)	MZUSP PL. 1078	Parque Estadual da Cantareira, SP (Brazil)	–23.431	–46.634	GenBank	KC608323.1	Carbayo <i>et al.</i> 2013
	MZUSP PL. 1079	Parque Estadual da Cantareira, SP (Brazil)	–23.431	–46.634	GenBank	KC608324.1	Carbayo <i>et al.</i> 2013
<i>Cratera tamoia</i> (E. M. Froehlich, 1955)	MZUSP PL. 665	Parque Nacional da Serra dos Órgãos, RJ (Brazil)	–22.455	–42.997	GenBank	KC608246.1	Carbayo <i>et al.</i> 2013
	MZUSP PL. 672	Parque Nacional da Serra dos Órgãos, RJ (Brazil)	–22.499	–42.996	GenBank	KC608254.1	Carbayo <i>et al.</i> 2013

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<i>Cratera pseudovaginuloides</i> (Riester, 1938)	MZUSP PL 671	Parque Nacional da Serra dos Órgãos, RJ (Brazil)	-22.499	-42.996	GenBank	KC608252.1	Carbayo <i>et al.</i> 2013
	MZUSP PL 670	Parque Nacional da Serra dos Órgãos, RJ (Brazil)	-22.499	-42.996	GenBank	KC608251.1	Carbayo <i>et al.</i> 2013

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