

Supplementary data 1: Environmental parameters (Temperature, oxygen concentration and pH) measured at each site prospected during baited-trap survey, with Ponsel Mesure Odeon field tool. Table cells with (-) symbol represent an absence of data due to a prohibition to proceed with the measures.

Station	Type of Habitat	Temperature (°C)	Oxygen concentration (mg/L)	pH
Oman	Stream	27.23	5.831	7.315
Manzo	Water Retention pond	28.79	3.72	7.492
Petit Galion	Stream	26.67	8.062	7.368
Lezarde Site 1		26.7	6.903	7.231
Lezarde Site 2		26.8	6.708	7.225
Lezarde Site 3	Stream	26.17	6.606	6.96
Lezarde Site 4		26.55	7.21	7.504
Lorrain	Stream	25.43	4.656	6.783
Coulisses	Stream	27.4	2.769	7.056
Petite Riviere Site 1		27.05	4.439	7.065
Petite Riviere Site 2	Stream	26.54	5.987	7.098
Grand Galion	Stream	26.67	8.062	7.368
Petite Lezarde	Stream	26.08	5.199	7.337
Château Gaillard	Non-functional hatchery	-	-	-
Jardin Emeraude	Ornamental pond	-	-	-
Habitation Ceron	Ornamental pond	-	-	-
Morne Rouge	Non-functional hatchery	-	-	-
Cacaos	Stream	27.01	2.771	6.935
Ceron	Stream	25.5	7.497	7.716
Capot	Stream	25.88	7.857	7.431
Grand'Riviere	Stream	24.1	8.6	7.4
Carbet Site 1		25.28	7.68	7.48
Carbet Site 2	Stream	25.12	7.775	7.48
Carbet Site 3		24.79	7.99	7.52
Galion	Stream	28.5	5.381	6.972
Blanche	Stream	26.55	7.21	7.504
Case Navire Site 1		28.93	6.454	7.414
Case Navire Site 2	Stream	28.89	5.46	7.088
Roussane	Stream	26.8	6.267	7.21
Vauclin	Stream	29.09	1.02	7.064
Massel	Stream	29.83	7.478	7.278
Riviere Pilote Site 1		27.89	6.987	7.292
Riviere Pilote Site 2	Stream	26.68	2.62	7.101
Riviere Pilote Site 3		26.32	4.87	7.098