

**Table 1: Predictor variables used in Random Forest models**

<b>Variable</b>	<b>Unit</b>	<b>Associated driver(s)</b>
Time of day (sin-transformed)	HH:MM	NA
Water temperature	C	Terrestrial, Aquatic
Water salinity	PSU	Terrestrial, Aquatic
Water dissolved oxygen	mg/L	Terrestrial, Aquatic
Water depth	cm	Terrestrial, Aquatic
Air temperature	C	Climatic
Rainfall	mm	Climatic
Solar Radiative Flux	W/m <sup>2</sup>	Climatic
Barometric pressure	hPa	Climatic