

 $\mathbf{BayBreastedWarbler} \leftrightarrow (\mathbf{back_color_black} \land \mathbf{forehead_color_black} \land$

wing_color_white \land ¬throat_color_white $) \lor (back_color_black <math>\land$ back_pattern_striped \land leg_color_grey \land upper_tail_color_grey \land ¬forehead_color_black \land ¬throat_color_white \land ¬ wing_color_white)