

Supplementary file3

Environmental variables used in Maxent to predict the habitat suitability distribution for the five target species. Variables with (–) sign were removed because of high cross-correlations.

Variable	<i>Chalicodoma flavipes</i>	<i>Chalicodoma sicula</i>	<i>Coelioxys coturnix</i>	<i>Megachile minutissima</i>	<i>Osmia submicans</i>
Annual mean temperature (Bio1)	✓	✓	✓	–	–
Mean diurnal range (Bio2)	–	✓	–	–	✓
Isothermality (Bio3)	✓	–	–	–	–
Temperature Seasonality (Bio4)	✓	✓	–	–	✓
Maximum temperature of warmest month (Bio5)	–	–	✓	✓	✓
Minimum temperature of coldest month (Bio6)	–	–	✓	–	–
Temperature annual range (Bio7)	–	✓	–	–	✓
Mean temperature of the warmest quarter (Bio10)	–	–	✓	✓	–
Mean temperature of the coldest quarter (Bio11)	–	–	✓	–	–
Annual precipitation (Bio12)	–	–	–	✓	–
Precipitation of the wettest month (Bio13)	–	–	–	✓	–
Precipitation of the driest month (Bio14)	–	✓	–	–	–
Precipitation seasonality (Bio15)	–	–	✓	–	✓
Precipitation of the wettest quarter (Bio16)	–	–	–	✓	✓
Precipitation of driest quarter (Bio17)	✓	–	–	✓	✓