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| --- | --- | --- | --- |
| **Table 1**. Descriptions, contributions, and sources of predictor variables used to develop the goldenseal habitat suitability model in Maxent. | | | |
| **Variable** | **Description** | **Percent Contribution** | **Source** |
|  |  |  |  |
| BIO11 | Mean temperature of the coldest quarter (oC) | 30.5 | Fick and Hijmans 2017 |
|  |  |  |  |
| BEDROCK | Bedrock type | 52 | PA Department of Conservation and Natural Resources |
|  |  |  |  |
| OM | Organic matter content (% by weight) | 3.2 | USDA Natural Resource Conservation Service |
|  |  |  |  |
| Permeability | Soil permeability rate (cm/hr) | 0.3 | USDA Natural Resource Conservation Service |
|  |  |  |  |
| SOILSUBORD | Soil suborder based on USDA soil taxonomy | 10.4 | USDA Natural Resource Conservation Service |
|  |  |  |  |
| ERR15 | Elevation relief ratio (15-pixel neighborhood) | 3.1 | PA Department of Conservation and Natural Resources |
|  |  |  |  |
| IMI | Integrated Moisture Index | 0.4 | Iverson et al. 1997 |