**Table S2**: Description of the ecological regions of central Africa (after WWF, 2010).

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| --- | --- | --- | --- | --- | --- | --- |
| **Ecological regions** | **Major vegetation** | **Average annual rainfall (mm)** | **Rainfall pattern** | **Average temperature (°C)** | **Altitude range (m)** | **N fields** |
| Mount Cameroon and Bioko montane forest (MCBMF) | Forest | 2000-3000 | Monomodal | 22-24 | Highland | 4 |
| Northwestern Congolian lowland forest (NWCLF) | Forest | 1500-2000 | Bimodal | 25-27 | Mid-altitude | 259 |
| Albertine Rift montane forest (ARMF) | Forest | 1400 | Bimodal | 17-18 | Highland | 47 |
| Western Congolian forest-savanna mosaic (WCFSM) | Forest | 1400 | Monomodal | 20-25 | Mid-altitude | 75 |
| Northeastern Congolian lowland forest (NECLF) | Forest | 1700 | Monomodal | 23-25 | Mid-altitude | 38 |
| Cross-Sanaga Bioko coastal forest (CSBCF) | Forest | 3000-10000 | Monomodal | 23-27 | Lowland | 60 |
| Atlantic Equatorial coastal forest (AECF) | Forest | 2000 | Monomodal | 23-27 | Lowland | 21 |
| Congolian swamp forest (CSF) | Forest | 2000 | Monomodal | 24-25 | Lowland | 20 |
| Southern Congolian forest-savanna mosaic (SCFSM) | Forest | 1500 | Monomodal | 23-25 | Mid-altitude | 66 |
| Cameroonian highland forest (CHF) | Savannah | 2000-4000 | Monomodal | 22-26 | Highland | 39 |
| Central Zambezian Miombo woodland (CZMW) | Savannah | 650-1400 | Monomodal | 20-26 | Mid-altitude | 44 |
| Northern Congolian forest-savanna mosaic (NCFSM) | Savannah | 1200-1600 | Monomodal | 20-26 | Mid-altitude | 38 |
| East Sudanian savanna (ESS) | Savannah | 300-500 | Monomodal | 28-30 | Mid-altitude | 9 |