**Supporting Material to:**

**Soil nutrient transect from Ngorongoro crater to the center of Serengeti**

Running title: **Nutrient transect Ngorongoro to Serengeti**

Eric Scherwietes 1, Mathias Stein 1, Jörg Schaller 1,2 \*

1 Leibniz Centre for Agricultural Landscape Research (ZALF), 15374 Müncheberg, Germany.

2 University of Giessen, FB 09 Agrarwissenschaften, Ökotrophologie und Umweltmanagement, Giessen, Germany

\* Corresponding author: telephone: +49 33432 82137; Email address: joerg.schaller@zalf.de

Table S1: Description of sampling points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sampling points | Latitude | Longitude | Altitude (m) | Comment |
| 1 | -3.2106063 | 35.602067 | 1749 | Within crater near freshwater |
| 2 | -3.2015362 | 35.5651284 | 1742 | Within crater near saltwater |
| 3 | -3.154851 | 35.4759936 | 2187 | Conservation Area, potential effects by livestock |
| 4 | -3.11757 | 35.4196517 | 1732 | Conservation Area, potential effects by livestock |
| 5 | -3.0720423 | 35.3866272 | 1471 | Conservation Area, potential effects by livestock |
| 6 | -3.0178333 | 35.3102059 | 1524 | Conservation Area, potential effects by livestock |
| 7 | -2.9392551 | 35.2257003 | 1563 | Conservation Area, potential effects by livestock |
| 8 | -2.9026038 | 35.1252929 | 1636 | Serengeti Park Area |
| 9 | -2.8427912 | 35.0155765 | 1705 | Serengeti Park Area, near river bed |
| 10 | -2.8116367 | 34.9883747 | 1656 | Serengeti Park Area, shallow and broad river bed |
| 11 | -2.7152098 | 34.9597005 | 1664 | Serengeti Park Area |
| 12 | -2.5379133 | 34.898165 | 1593 | Serengeti Park Area |
| 13 | -2.5015646 | 34.7966561 | 1520 | Serengeti Park Area |
| 14 | -2.4138746 | 34.8134418 | 1465 | Serengeti Park Area |
| 15 | -2.263071 | 34.8373658 | 1426 | Serengeti Park Area |
| 16 | -2.2162892 | 34.8538792 | 1460 | Serengeti Park Area |