**S4 Table:** Overview of the cities and villages in Armenia with occurrence of visceral leishmaniasis (2009-2016) and proven vectors (2009-2015) in Armenia

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **District** | **City/Village** | **city** | **village** | **No. of VL cases** | ***P. balcanicus*** | ***P. kandelakii*** |
| Aragatsotn | Aparan | x |   | 1 |   |   |
|  | Garnahovit |   | x | 1 |   |   |
|  | Otevan |   | x | 1 |   |   |
| Ararat | Dvin |   | x |   | 4 | 6 |
| Armavir | Armavir | x |   | 1 |   |   |
|  | Echmiadzin | x |   | 1 |   |   |
| Kotayk | Abovyan | x |   | 1 |   |   |
|  | Arzni |   | x |   | 5 | 0  |
|  | Kaputan |   | x |   | 2 | 0  |
|  | Hrazdan | x |   | 1 |   |   |
| Lori | Akhtala | x |   | 3 |   |   |
|  | Alaverdi | x |   | 6 |   |   |
|  | Mets Ayrum |   | x | 1 |   |   |
|  | Shnogh | x |   | 1 | 6 | 4 |
|  | Stepanavan | x |   | 3 |   |   |
|  | Teghut |   | x |   | 3 | 0  |
|  | Vanadzor | x |   | 2 |   |   |
|  | Yeghegnut |   | x |   | 5 | 2 |
| Shirak | Hartashen |   | x |   | 4 | 10 |
|  | Hovtun |   | x | 2 |   |   |
|  | Nor Kyank |   | x | 1 |   |   |
| Syunik | Goris | x |   | 5 | 12 | 7 |
|  | Kapan | x |   | 19 | 5 | 0  |
|  | Karahunj |   | x | 1 |   |   |
|  | Lichk |   | x |   | 9 | 0  |
|  | Meghri | x |   | 3 |  0 | 7 |
|  | Sisian | x |   | 1 | 2 | 0  |
| Tavush | Noyemberyan | x |   | 5 |   |   |
|  | Sarigyugh | x |   | 1 |   |   |
|  | Baganis | x |   | 2 |   |   |
|  | Berd | x |   | 1 |   |   |
|  | Gandzakar | x |   | 1 |   |   |
|  | Haghtanak | x |   | 1 |   |   |
|  | Ijevan | x |   | 2 |   |   |
|  | Koghb |   | x | 1 |   |   |
|  | Koti | x  |   | 3 |   |   |
| Yerevan | Yerevan | x |   | 19 | 5  |  2 |
| **total** | **39** | **23** | **14** | **91** | **64** | **36** |

Cities or villages without entries in the columns for *P. kandelakii* and *P. balcanicus* were not included in the vector survey.