**Table S3:** **Summary of the number of target species VLR records and aerial density by year and month**

The total number of target species records in the VLR database is 8935. “S.D.” Standard deviation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Number of Records** |  | **Aerial Density** |  |
|  | **Sum** | **Mean (S.D.)** | **Sum** | **Mean (S.D.)** |
| **Year** |  |  |  |  |
| 2000 | 438 | 73.000(88.007) | 3013.916 | 502.319(587.431) |
| 2001 | 842 | 140.333(172.104) | 6284.291 | 1047.382(1362.642) |
| 2002 | 597 | 99.500(71.902) | 4001.248 | 666.875(483.737) |
| 2003 | 648 | 108.000(109.072) | 4928.638 | 821.440(861.099) |
| 2004 | 976 | 162.667(172.896) | 6224.867 | 1037.478(1144.627) |
| 2005 | 961 | 160.167(258.212) | 7838.928 | 1306.488(2168.020) |
| 2006 | 1510 | 251.667(299.544) | 14316.485 | 2386.081(2968.930) |
| 2007 | 527 | 87.833(68.974) | 3620.390 | 603.398(476.583) |
| 2008 | 755 | 125.833(95.943) | 4946.965 | 824.494(582.824) |
| 2009 | 676 | 112.667(95.261) | 5149.743 | 858.291(737.295) |
| 2010 | 1005 | 167.500(293.085) | 6483.900 | 1813.650(1813.263) |
| **Month** |  |  |  |  |
| May | 409 | 37.182(25.099) | 2767.449 | 251.586(179.903) |
| June | 939 | 85.364(55.276) | 6639.797 | 603.618(403.234) |
| July | 2965 | 269.545(192.169) | 22021.747 | 2001.977(1872.020) |
| August | 3460 | 314.545(241.609) | 26751.151 | 2431.923(1924.172) |
| September | 1064 | 96.727(54.161) | 7841.424 | 712.857(425.795) |
| October | 98 | 8.909(6.332) | 787.803 | 71.618(63.854) |