

1 **Table 2** Species distribution of tabanids in different type-localities and bioclimatic zones of Cameroon (2015-2017). Asteriks (\*): Presence of  
 2 species, DT: Diddel Tanne, VDS: Vina du Sud, POP: Palm oil plantation, CR: Campe Général, GR: Game Reserve, BTQ: Bali Top Quarters, sp:  
 3 species

Genus/Species	Sudan savanna (Far North)					Sudan savanna (North)			Guinee savanna (Adamawa)			Mosaic forest (East)				Rain forest (Sanaga)			Highland plateau (North West)						
	Kainide	Kalang	DT	Yanga	Doulam	Zone		Mbidjoro	Velambai	VDS	CG	Oudou	Gabong	Minali	Abattoir	POP	GR	BTQ	Saphery	Babah	Njinki	Tchaboutchou	Munam	Ntchuobo	
						Mbele	26																		27
<i>Tabanus</i>																									
<i>T. taeniola</i>	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>T. par</i>			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>T. socius</i>								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>T. latipes</i>															*	*	*	*	*	*	*	*	*	*	*
<i>T. argenteus</i>															*	*	*	*	*	*	*	*	*	*	*
<i>T. biggutatus</i>						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>T. gratus</i>						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>T. fasciatus</i>										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>T. secedens</i>			*	*	*																				
<i>T. ruficrus</i>														*	*	*	*	*	*	*	*	*	*	*	*
<i>T. ricardae</i>									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>T. sufis</i>						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>Tabanus sp.</i>			*	*	*										*	*	*	*	*	*	*	*	*	*	*
<i>Chrysops</i>																									
<i>C. silacea</i>															*	*	*	*	*	*	*	*	*	*	*
<i>C. funebris</i>												*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>C. dimidiata</i>															*	*	*	*	*	*	*	*	*	*	*
<i>C. longicornis</i>								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>C. distinctipennis</i>						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>Haematopota</i>																									
<i>H. decora</i>								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>H. nigripennis</i>													*	*	*	*	*	*	*	*	*	*	*	*	*
<i>H. pluvialis</i>																*	*	*	*	*	*	*	*	*	*
<i>Haematopota sp.</i>															*	*	*	*	*	*	*	*	*	*	*
<i>Ancala</i>																									
<i>A. fasciata</i>										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<i>Ancala sp.</i>			*	*	*																				
<i>Atylotus</i>																									
<i>A. agrestis</i>								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

6 **Table 3** The abundance of tabanids in the different type-localities of the different bioclimatic zones (2015-2017). DT: Diddel Tanne, VDS:  
7 Vina du Sud, POP: Palm oil plantation, CR: Campe Général, GR: Game Reserve, BTQ: Bali Top Quarters, sp: species

Genus/Species	Sudan savanna					Sudan savanna			Guinee savanna			Mosaic forest				Rain forest			Higland plateau							
	Kainide	Kalang	DT	Yanga	Doulam	Mbele	Zone 26	Zone 27	Mbidjoro	Velambai	VDS	CG	Oudou	Gabong	Minali	Abattoir	POP	GF	BTQ	Saphery	Babah	Njinki	Tchaboutchou	Munam	Ntchuobo	
<i>Tabanus</i>																										
<i>T. taeniola</i>	0	0.82	9.25	9.25	6.49	0.44	0.45	0.40	0.35	0.50	0.76	0.36	0.22	0	0.08	48.63	12.02	3.09	0	0	0	0	0	0	0	0
<i>T. par</i>	0	0	0.04	0.04	0.23	0.15	0.27	0.23	0.26	0.2	0.27	0.06	0.03	0	0	38.63	7.92	3.48	0	0	0	0	0	0	0	0
<i>T. socius</i>	0	0	0	0	0	0	0	0	0	0	0	0.08	0.06	0	0	3.23	0.27	0.26	0	0	0	0	0	0	0	0
<i>T. latipes</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.73	0.24	0	0	0	0	0	0	0	0	0
<i>T. argenteus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.28	0.09	0	0	0	0	0	0	0	0	0
<i>T. biggutatus</i>	0	0	0	0	0	0.21	0.37	0.26	0	0	0	0.03	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>T. gratus</i>	0	0	0	0	0	1.10	1.67	1.15	0.01	0	0.09	0.06	0.11	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>T. fasciatus</i>	0	0	0	0	0	0	0	0	0	0	0.02	0.03	0.03	0.03	0.06	0	0	0	0	0	0	0	0	0	0	0
<i>T. secedens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>T. ruficrus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0	0	0	0	0
<i>T. ricardae</i>	0	0	0	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>T. suffis</i>	0	0	0	0	0	0.21	0.31	0.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tabanus sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.39	0.45	0	0.01	0.01	0.10	0.01	1.01	0.10	0.04	
<i>Chrysops</i>																										
<i>C. silacea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.65	0.12	0.02	0	0	0	0	0	0	0	0
<i>C. funebris</i>	0	0	0	0	0	0	0	0	0	0	0	0	0.19	0.03	0	0	0	0	0	0	0	0	0	0	0	0
<i>C. dimidiata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.56	0.19	0.03	0	0	0	0	0	0	0	0
<i>C. longicornis</i>	0	0	0	0	0	0	0	0	0.53	0.06	0.35	0	0	0	0	3.06	0.12	0.12	0	0	0	0	0	0	0	0
<i>C. distinctipennis</i>	0	0	0	0	0	0.6	0.56	0.65	0.31	0.23	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Haematopota</i>																										
<i>H. decora</i>	0	0	0	0	0	0	0	0	0.06	0.02	0.12	0	0	0	0	0.79	0.17	0.05	0	0	0	0	0	0	0	0
<i>H. negripennis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0	0	0	0	0	0
<i>H. pluvialis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.11	0	0	0	0	0	0	0	0	0
<i>Haematopota sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.48	0.08	0.02	0	0	0	0	0	0	0	0
<i>Ancala</i>																										
<i>A. fasciata</i>	0	0	0	0	0	0	0	0	0	0	0.15	0.03	0.19	0	0	0.53	0.17	0	0	0	0	0	0	0	0	0
<i>Ancala sp.</i>	0	0	0.04	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Atylotus</i>																										
<i>A. agrestis</i>	136.64	35.55	136.25	70.44	0	0	0	0	0.02	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>136.64</b>	<b>36.37</b>	<b>145.58</b>	<b>79.77</b>	<b>6.72</b>	<b>2.71</b>	<b>3.63</b>	<b>2.95</b>	<b>1.54</b>	<b>1.06</b>	<b>2.35</b>	<b>0.65</b>	<b>0.91</b>	<b>0.09</b>	<b>0.17</b>	<b>99.96</b>	<b>21.95</b>	<b>7.07</b>	<b>0.01</b>	<b>0.01</b>	<b>0.10</b>	<b>0.01</b>	<b>1.01</b>	<b>0.10</b>	<b>0.04</b>	

