APPENDIX 1

Nymphalidae of the Loxicha Region across a vegetational-elevational gradient

Monthly vegetational and elevational distribution of 189 species of Nymphalidae in the Loxicha Region, Oaxaca, Mexico. Records were obtained from 267 sampling days over seven years (2005, 2007, 2008, 2011–2014) in 21 sites from eight municipalities. The first column (Sp.) is the species identifier number corresponding to the list of species in the Results section. The next 11 columns are the months of the year excluding February from which no records are available. Column 13 (Total) is the total number of records for each species. The next five columns are the specimens recorded in each vegetation type: TDF, tropical deciduous forest; TSDF, tropical subdeciduous forest; CF, cloud forest; OPCF, oak-pine forest with elements of high-elevation cloud forest; OPF, oak-pine forest. The next two columns (100 and >70 %) present the elevational range where 100 % and more than 70% of the specimens of each species were recorded, respectively. These two columns show the elevational range with the highest probability for finding the species, although some taxa undergo seasonal elevational migrations. The last column (%) refers to the percentage of specimens collected in the >70 % elevational range. The last two rows correspond to the total number of specimens (TAb) and species (TSp) of each column. Species **55**. *Pedaliodes dejecta* ssp., **116**. *Adelpha donysa* ssp., and **176**. *Actinote guatemalena guerrerensis* were not recorded during fieldwork and hence are not included in this table.

Sp.	J	M	A	M	J	J	A	S	O	N	D	Total	TDF	TSDF	CF	OPCF	OPF	100	>70%	%
1					10	6	8	3	2			29	10	18	1			80-900	80-500	97
2								1	9			10			3	7		500-2400	1200-2400	92
3	3	8	1	5	1	3		3	8	1		33	5	21	7			290-1650	100-500	81
4						1	1		7			9			9			290-1650	1100-1650	92
5	20	1	1	6	13	29	4	2	36			112	65	40	6	1		80-2400	80-410	93
6		2	2	3	7	9	4	3	11	2		43	17	21	5			80-900	80-500	88
7						1						1			1			1500-2400	1500-2400	100
8	1				2	3	9	25	11	1	2	54		53		1		100-2150	350-500	99
9	10	3	1	4	10	32	48	76	57	13	4	258		243	12	3		290-2150	350-500	93
10	2	2	2	1	3	3	31	6	8			58		1	57			350-1650	750-1250	69
11				4	1	3	4	12	9			33		14	19			350-1530	410-1250	97
12	10	3	1	3	2	12	9	43	30	6	5	124		51	73			350-1530	350-900	79
13		2					2	20	18	1		43		22	21			290-1650	350-1300	89
14	3			14	3	13	10	40	113	5		201	3	150	47	1		80-2150	350-900	94
15	63	15	7	6	11	18	58	115	119	12	3	427		86	341			350-1650	350-1300	98
16	2					7		21	91	21		142			142			290-1650	1100-1650	89
17	1								17	4		22			22			1200-1650	1200-1650	100
18									1	2		3			2	1		600-2400	600-850	67
19					1	8						9		9				350-500	350-500	100
20	3	4	2	8	3	18	76	35	14	4		167		1	165	1		410-1650	1100-1650	69
21	1			9			8	1	28			47			43	4		1200-2400	1200-1650	92
22	3	8		8	9	22	69	86	80	8		293		74	215	4		350-2150	350-940	74
23		5	3	33	8	75		17	18			159	157	2				80-410	80-100	99
24	1				1	2	3	3	3	1		14		4	10			410-1650	410-1650	100
25		1	1				1		8			11			10	1		1200-2400	1500-1650	82
26	10	6	1	9		16	9	53	30		2	136	1	117	15	3		410-2150	350-500	87
27	3	1	4	2			1	15	5			31	7	22	1	1		80-2150	350-500	72
28		8	1	2			1	3	4			19	13	3	3			80-900	80-900	100
29	31	48	10	42	14	21	7	145	51		1	370	104	244	22			80-900	80-500	95
30		8	4	26	52	80	9	13	4			196	116	14	59	7		100-2400	80-940	88
31	1	6		4	1	4	4	4	28	2		54	11	8	35			80-1650	80-1650	100
32				6	11	87	37	13	75	29		258	100	1	157			80-1650	80-1650	100
33		6	1		2	16	19	38	9	5	1	97		2	95			80-1550	940-1550	88

Revista de Biología Tropical, ISSN: 2215-2075 Vol. 70: 363-407, January-December 2022 (Published Jun. 07, 2022)

Sp.	J	M	A	M	J	J	A	S	O	N	D	Total	TDF	TSDF	CF	OPCF	OPF	100	>70%	%
34	4	12	12	3	7	33		12	19		1	103	87	15	1			80-900	100-500	99
35	4	1			1	2	1	5	18	1		33			33			1200-1650	1200-1550	95
36	3	1	1		11	4	6	17	8			51	19	18	13	1		80-2400	100-500	73
37									1			1		1				410-500	410-500	100
38	7	11	5	4	5	19	25	31	26	7	1	141		86	52	3		410-2150	350-940	93
39	7	6	10	4	8	7	5	7	2	5	1	62	6	26	28	2		100-2150	350-940	77
40	3	7	1	4	10	31	5	20	20	1	1	103	12	82	8	1		80-2150	350-500	80
41								2				2		2				410-1530	410-1530	100
42		2		3	1	5	3	4	1			19	3	14	1	1		80-2150	350-500	77
43						1	1					2			2			1470-1550	1470-1550	100
44			8	19	17	5	15	38	57	2	1	162	55	75	32			80-1550	80-500	81
45	2	4	3	6	1	39	118	138	72	4		387	1	214	171	1		80-2150	350-900	86
46	1		1	1		11	6	6	8			34		26	8			290-1300	350-900	95
47		1										1			1			500-900	500-900	100
48				3	8	9	4	1	2			27	10	11	6			80-1530	80-500	80
49	3	1	1	3	8	5	6	11	4		1	43	3	38		2		80-2150	350-500	90
50				1								1		1				350-500	350-500	100
51						3	1	1	1			6		6				350-500	350-500	100
52						2						2		1	1			350-1300	350-1300	100
53				2				1		2		5			3	2		1470-2150	1470-2150	100
54								1	1			2			2			500-1550	1200-1550	75
55																				
56	66	85	56	155	34	50		435	63	1	2	947	148	645	151	3		80-2400	350-700	70
57	53			1	12	17	44	5	17	1		150		54	96			410-1650	350-1300	86
58	6	42	6	13	58	55	66	103	87	41	4	481	4	153	324			80-1650	350-1530	98
59		1	3		32	215	89	5	9			354	18	308	28			80-1650	350-500	86
60							1					1				1		2020-2150	2020-2150	100
61	8	4		3	2		8	35	52	11	1	124			121	3		1100-2150	1100-2150	100
63	20	1					4	2	7	2		36		5	31			350-1650	350-1650	100
64	1				1			2		1		5			4	1		1100-1530	1100-1530	100
62	4	1	1		5	12	30	10	30	2		95			95			444-1650	1100-1550	77
65	1			6	1		1		3			12			3	9		1200-2400	2280-2400	75
66																		1200-1530	1200-1530	100
67	2		4	51	18	62	34	62	61			294		22	270	2		410-2400	750-1550	73
68	194	100	46	91	346	269	292	339	496	81	13	2267	43	791	1430	3		80-2400	350-1650	98
69				2								2				2		2280-2400	2280-2400	100
70		4	30	58	13		3	4	68			180		1	1	161	17	2020-2800	2280-2400	88
71	3			2		1	1		4	1		12		4	8			290-1650	290-1650	100
72	3			2	4	12	2	6	6	1		36		35		1		240-2150	350-500	95
73		1	1		1	4	5	6	2			20		18	1	1		350-2150	350-500	93
74	35	21	12	13	28	102	62	98	66			437	16	399	20	2		80-2150	350-500	91
75							1					1		1				410-500	410-500	100
76	3		2	1	12	3	37	9	16	2	1	86		71	15			350-1530	350-1530	100
77									4			4				4		2280-2400	2280-2400	100
78				1			9	3	5			18			18			1100-1650	1100-1650	100
79	5	2	1		3			1				12	8	1		3		80-2400	80-2400	100
80	3	3		1	2	1	4	12	14	1	1	42	3	35	2	2		80-2150	350-500	86

Sp.	J	M	A	M	J	J	A	S	O	N	D	Total	TDF	TSDF	CF	OPCF	OPF	100	>70%	%
81	6	3	1	25	71	54	24	21	39		1	245	24	206	11	4		80-2150	350-500	84
82	12	5		6	40	17	5	7	10	1		103	47	40	15	1		2280-2400	100-500	85
83	2	1				5	2	5	2	1		18			18			500-1650	1100-1650	76
84	4	8		3	7	45	41	23	56	26		213	6	9	198			100-1550	80-900	86
85							1			2		3		1	2			410-850	410-850	100
86	5	5	3	19	7	63	20	107	20			249	14	208	26	1		80-2150	350-500	85
87		6	3	5	13				1			28	26	2				80-410	80-410	100
88	21	196	41	68	53	91	16	56	28			570	158	305	107			80-1650	80-500	83
89	11	90	26	32	105	18	1	4	5			292	276	16				80-500	80-100	94
90	4	6	2	38	40	38	10	91	46	6		281	86	175	19	1		80-2150	80-500	95
91		6	2	3	100	29	5		1			146	119	22	5			80-1530	80-100	77
92	6	4	1	3	35	46	16	12	8	2	1	134	30	71	30	3		80-2150	350-500	54
93						1	2	1	4			8		3	5			350-900	750-900	63
94	7	6			1	11	14	9	11	2		61	2	26	31	2		100-2150	80-940	91
95	2	4				2	28	55	53	13		157		71	86			290-1650	350-1300	93
96		2	3	5	1							11	11					80-500	80-100	92
97	2	8	15	23	2			1	4			55		41	14			350-1650	350-900	98
98				3	3			1	3			10	3	7				80-410	80-410	100
99	16	4		2	11	59	48	99	84	2	2	327	17	295	14	1		80-2150	350-500	94
100	7	5	4	17	11	22	24	56	50			196	11	179	4	2		80-2150	350-500	92
101		3	2	2	174	24		3	3			211	211					80-100	80-100	100
102	9	6	1	1	1	6	7	6	34	12		83		10	72	1		350-2150	1000-1650	75
103									1			1			1			500-900	500-900	100
104	6	12	5	27	55	60	22	23	37	1	1	249	30	217	1	1		80-2150	80-500	98
105	71	17	4	11	21	109	171	179	338	108		1029		55	972	2		410-2150	1100-1650	80
106	8	7	1		2	24	20	17	59	8		146		11	135			410-1650	1100-1650	73
107				2	2	10	14	29	20			77	4	58		15		80-2150	350-500	80
108	1	3		1		3	8	3	20	8		47			46	1		940-2400	1470-1650	75
109					3	22	25	22	34	16		122	1	2	119			410-1250	600-940	95
110	11		2	4	27	51	45	70	116	2		328	73	232	22	1		80-2150	350-500	71
111					1	3		2	16			22	1	9	12			80-940	410-940	96
112								3				3		3				410-500	410-500	100
113	6	3	4	2	7	17	14	117	49	8		227		201	5	21		350-2150	350-500	90
114		5	4	1				2	3			15				15		2280-2400	2280-2400	100
115		1										1				1		2280-2400	2280-2400	100
116																				
117		5	1					1	1			8	5	2		1		100-2400	100-500	89
118	5	4	1	4	15	6	23	52	40	7		157	14	84	44	15		100-2400	80-900	70
119		1		1		5	3	16	45			71		26	44	1		410-2150	410-940	99
120	1						4		2			7			6	1		500-2150	500-1530	95
121	12				3		4	14	11	10		54			53	1		600-2150	1100-1650	95
122								2	3			5		2	3			410-1300	410-900	94
123					2	1		5	4			12	2	8		2		80-2150	80-500	91
124		5	1	3	2	5	4	3	6			29	4	17	3	5		100-2150	100-900	86
125		2	3			6	4	4	8			27		16	6	5		290-2150	400-900	88
126	3			2			8	2	6	11		32		1	30	1		350-2150	1100-1650	82
127	4		2					5		4	5	20		18	2			290-1530	290-500	87

Revista de Biología Tropical, ISSN: 2215-2075 Vol. 70: 363-407, January-December 2022 (Published Jun. 07, 2022)

Sp.	J	M	A	M	J	J	A	S	O	N	D	Total	TDF	TSDF	CF	OPCF	OPF	100	>70%	%
128		3	1	8	3	6	2	2	1			26	8	13	4	1		80-2150	80-2150	100
129	1	1	2	36	7	17	11	25	7	2		109	28	57	24			80-1300	350-940	73
130									4			4			4			1470-1550	1470-1550	100
131	33	15	3	19	18	20	34	180	41	10	6	379	6	317	55	1		80-2150	350-500	83
132	77	41	9	134	113	157	148	173	185	182	10	1229	191	340	693	4	1	80-2400	80-940	72
133						4						4			4			1200	1200	100
134	14	8	3	16	2		11	11	25	10		100		1	79	20		350-2400	1100-1650	83
135	3	3		1	1	3	6	8	24	11	1	61		3	57	1		350-2400	1100-1650	77
136	23	12	4	6	9	12	32	57	99	21	1	276		8	242	26		350-2400	1100-1650	80
137	5						2	13	14	9		43			43			444-1650	1100-1650	88
138		10	3	2		1			8			24				24		1500-2400	2280-2400	75
139				3	1							4			1	3		1500-2400	2280-2400	75
140										2		2			2			940	940	100
141	1	5	4	22	8		1		21	1		63	1		12	49	1	80-2400	2280-2400	75
142	11	1			2	22	11	17	24	5		93		22	70	1		350-2150	350-980	65
143	71	54	6	12	85	100	30	123	114	4		599	188	283	124	4		80-2400	350-500	72
144	88	29	7	13	37	171	104	203	165	88	9	914	34	548	328	4		100-2400	350-940	88
145	2				2	5	2	7	24			42	16	24		2		100-2400	80-500	95
146	2		1	1			1	1	2	1		9		4	1	4		350-2400	350-2400	100
147	3						1	6	1			11		9	2			350-1530	350-500	82
148								5				5		5				410-500	410-500	100
149									1			1				1		2280-2400	2280-2400	100
150	1	3	1	4	12	10	3	33	22			89		21	65	3		350-2400	350-940	65
151	6	2	1			5	17	3	34			68		1	66	1		350-1650	1100-1650	84
152	29	7	26	48	81	185	124	176	195	35	10	916	1	343	562	10		80-2400	350-1300	88
153	53	30	11	14	49	44	48	62	78	38		427	6	41	380			80-1650	1000-1650	69
154		1	1	8	15	20	59	40	42	14		200	11	89	100			80-1650	410-1650	95
155				14				1	4			19		1		18		410-2400	2280-2400	90
156			2	15	9	15	17	76	61	1		196	22	167	4	3		80-2400	350-500	85
157	3			5	6	51	104	47	47	12		275	2	162	109	2		80-2400	350-500	66
158	5			1	87	130	23	106	31		1	384	317	66	1			80-1300	80-100	82
159						1		1	4			6	1			5		80-2400	2280-2400	83
160			1	9	7		1		9			27		1		26		350-2400	2280-2400	87
161						1						1			1			1100-1300	1100-1300	100
162				1		1	20		2			24				24		500-2400	2280-2400	88
163			1	9	2		1	1	5			19				19		2280-2400	2280-2400	100
164	167	91	17	8	32	24	63	100	74	51	2	629		109	519	1		290-2150	750-1650	78
165	42	21	25	110	104	62	99	30	122	24		639		3	493	143		410-2400	1100-2400	98
166	9	20	10	10	58	1	41	87	26	6		268			267	1		444-2150	1100-1300	92
167	7					60	29	1	6			103			100	3		1100-2400	1100-1650	98
168	85	3	7	29	44	35	14	96	146	13	8	480	239	187	41	13		80-2400	80-500	88
169	25	22	11	12	30	14	32	44	23	7		220		1	213	6		235-2400	1000-1650	95
170	7	29	1	50	49	17	15	42	46	13		269			237	32		940-2400	1000-1650	87
171	31	14	6	12	3			1	2	15		84		2	79	3		290-2400	1000-1650	91
172				14	3		3		19			39			1	38		1200-2450	2280-2400	88
173			1	1					6			8				8		2280-2400	2280-2400	89
174	4	9	1		10	4	31	33	49	13	1	155		15	140			290-1650	530-1650	86

Sp.	J	M	A	M	J	J	A	S	O	N	D	Total	TDF	TSDF	CF	OPCF	OPF	100	>70%	%
175	1	2	1	3			3	7	98	1		116		1	67	48		350-2400	1100-2400	96
176																				
177	5	1	2	6	18	24	5	6	3			70	47	14	4	5		100-2400	80-500	87
178	2	16	2	3		31	18	5	13	1	1	92	1	51	23	17		80-2400	350-500	57
179	2	4	10	14	1	1	4	5	64	4		109	3		15	87	4	80-2400	1470-2400	89
180	59	21	8	25	44	111	93	159	135	36	18	709	30	503	172	4		80-2400	350-940	86
181				3		1						4		4				410-500	410-500	100
182	6				3	3	14	12	74	9	11	132		124	4	4		290-2150	350-500	92
183	3			2	1	3		7	28			44	1	40	3			410-1550	410	81
184	54	35	15	23	11	54	81	64	142	35	7	521	48	259	193	21		80-2400	80-940	81
185	97	22	19	33	61	113	68	112	123	23	20	691	32	643	15	1		80-2150	80-500	98
186	13	7		5	6	17	18	8	28	25		127			125	2		600-2400	1100-1650	93
187							1					1			1			1200-1530	1200-1530	100
188				1	1							2	1	1				80-410	80-410	100
189	12	9	9	20	24	61	44	18	41		1	239	42	187	3	7		80-2400	350-500	79
TAb	1914	1432	610	1746	2688	3938	3443	5570	6002	1256	163	28756	3496	11699	12487	1051	23			
TSp	109	106	96	120	120	126	135	146	159	91	40	189	79	36	147	108	4			

APPENDIX 2

Nymphalidae of the Loxicha Region captured in Van Someren-Rydon traps

Monthly and elevational distribution of Nymphalidae species captured with Van Someren-Rydon traps in the Loxicha Region, Oaxaca, Mexico. The list includes 94 species of seven of the 11 subfamilies of Nymphalidae, representing 50 % of all species recorded and 41 % of all specimens collected. The first column (Sp.) is the species identifier number corresponding to the list of species in the Results section. The next 11 columns are the months of the year excluding February from which no records are available. Column 13 (VSRT) is the number of records of each species obtained in Van Someren-Rydon traps. Column 14 (Total) is the total number of specimens captured during our study. The next column (%) shows the percentage of specimens captured with traps out of the total number of specimens. The last three columns represent the number of specimens collected in traps at each elevational level (m): **1,** 0–750; **2,** 750–1 800, and **3,** 1 800–2 850. The last two rows correspond to the total number of specimens (TAb) and species (TSp) of each column.

Sp.	J	M	A	M	J	J	A	S	O	N	D	VSRT	Total	%	1	2	3
23		5	3	33	4	69		17	18			149	159	93.71	149		
24	1				1	2	2	3	1			10	14	71.43	4	6	
25		1	1				1		8			11	11	100		10	1
26	10	6		6		13	8	39	25		2	109	136	80.15	94	14	1
27	3	1	4	2			1	15	3			29	31	93.55	27	1	1
28		8	1	2			1	3	4			19	19	100	16	3	
29	30	47	9	38	13	20	7	135	48		1	348	370	94.05	327	21	
30		8	4	26	48	68	9	13	4			180	196	91.84	114	59	7
31	1	5		2	1	3	4	3	27	2		48	54	88.89	14	34	
32				6	11	82	34	12	72	25		242	258	93.80	96	146	
33		6	1		2	14	17	36	9	5	1	91	97	93.81	2	89	
34	4	11	12	3	7	31		11	15		1	95	103	92.23	94	1	
35	4	1			1	2	1	5	18	1		33	33	100		33	
36	3	1	1		11	4	6	17	8			51	51	100	37	13	1
37									1			1	1	100	1		
38	7	11	5	4	4	17	25	30	26	7	1	137	141	97.16	84	50	3

Sp.	J	M	A	M	J	J	A	S	O	N	D	VSRT	Total	%	1	2	3
39	7	5	10	4	8	7	5	7	2	4	1	60	62	96.77	31	27	2
40	3	6	1	4	10	28	5	19	20	1	1	98	103	95.15	90	7	1
41								2				2	2	100	2		
42		2		3	1	5	3	4	1			19	19	100	17	1	1
43						1	1					2	2	100		2	
44			8	13	15	5	14	31	41	2	1	130	162	80.25	100	30	
45	2	4	2	6	1	36	106	122	66	4		349	387	90.18	192	156	1
46	1		1	1		10	3	6	8			30	34	88.24	24	6	
47		1										1	1	100		1	
48				2	7	7	4		1			21	27	77.78	17	4	
49	3	1	1	3	7	5	5	10	4		1	40	43	93.02	38		2
50				1								1	1	100	1		
51						3	1	1	1			6	6	100	6		
52						2						2	2	100	1	1	
53				2				1		2		5	5	100		3	2
54								1	1			2	2	100		2	
56	60	71	44	138	28	42		356	50	1	1	791	947	83.53	672	117	2
57	53			1	10	17	44	3	15	1		144	150	96	53	91	
58	6	41	6	9	48	49	60	84	65	37	4	409	481	85.03	132	277	
59		1	3		27	182	81	4	9			307	354	86.72	283	24	
60							1					1	1	100			1
61	7			2	2		8	27	52	11	1	110	124	88.71		108	2
62	4	1	1		5	7	20	10	30	2		80	95	84.21		80	
63	13						4		2	2		21	36	58.33	1	20	
64	1				1			1		1		4	5	80		4	
65				6			1		2			9	12	75		2	7
67	2		3	43	13	54	24	51	52			242	294	82.31	18	222	2
68	171	84	41	86	305	228	267	303	443	76	12	2016	2267	88.93	770	1245	1
70			10	48			1	1	18			78	180	43.33			78
71	3			2		1	1		4	1		12	12	100	4	8	
72	3			2	1	5	2	3	6	1		23	36	63.89	22		1
73		1	1		1	3	4	5	2			17	20	85	16	1	
74	34	12	11	8	19	89	57	71	53			354	437	81.01	336	16	2
75							1					1	1	100	1		
76	3		2	1	10	3	33	9	15	1	1	78	86	90.70	66	12	
77									4			4	4	100			4
78				1			7	2	3			13	18	72.22		13	
79	1	2	1		3			1				8	12	66.67	5		3
80	1	3				1	3	11	11	1	1	32	42	76.19	31	1	
81						15	10					25	245	10.20	24	1	
84	3	3		2	7	33	31	15	46	21		161	231	69.70	12	149	
86	5	5	3	13	3	47	19	87	15			197	249	79.12	173	23	1
87		3	3	3	9							18	28	64.29	18		
88	19	154	30	50	39	71	14	47	22			446	570	78.25	359	87	
89	11	66	19	27	84	16	1	4	4			232	292	79.45	232		
90	4	6	2	38	35	28	8	66	38	2		227	281	80.78	216	11	
91						14	5		1			20	145	13.79	20		

Sp.	J	M	A	M	J	J	A	S	O	N	D	VSRT	Total	%	1	2	3
92		4		2	35	32	10	4	8		1	96	134	71.64	86	9	1
93						1	2					3	8	37.50	3		
94	7	4			1	11	14	8	11	1		57	61	93.44	28	27	2
95	2	4				2	22	45	46	13		134	157	85.35	57	77	
96		1		5	1							7	11	63.64	7		
97	2	4	14	20	2			1	4			47	55	85.45	39	8	
98				2	2			1	1			6	10	60	6		
99	12	2		1	11	43	33	78	66	2	1	249	327	76.15	236	13	
100	7	5	4	13	10	20	18	39	34			150	196	76.53	144	4	2
101			1		9							10	211	4.74	10		
102	4	6	1	1	1	1	4	2	10	8		38	83	45.78	1	36	1
104		3		1		1	6	3	4			18	249	7.23	18		
105	13					1	22		69			105	1029	10.20	6	99	
106									2			2	146	1.37		2	
107						1		3	1			5	77	6.49	3		2
108							3		2	4		9	47	19.15		8	1
113						1	4					5	227	2.20	5		
119						3	3	8				14	71	19.72	13		1
128		3	1	7	3	5	1	2	1			23	26	88.46	18	4	1
129	1	1	2	33	7	15	10	24	7	2		102	109	93.58	78	24	
131	30	12	3	17	11	20	34	146	34	8	6	321	379	84.70	277	43	1
132	76	41	9	133	113	148	148	173	185	182	10	1218	1229	99.10	525	688	5
134	10	6	3	13	2		5	6	8	9		62	100	62	1	49	12
135	3	2		1	1	2	4	7	18	6	1	45	61	73.77	3	41	1
136	21	6		5	6	10	20	56	45			169	276	61.23	2	155	12
137	4						1	8	12	8		33	43	76.74		33	
138		10	3			1			5			19	24	79.17			19
139				1								1	4	25			1
141				6	1				1	1		9	63	14.29		5	4
142		1			2	3		3	10	4		23	93	24.73	8	14	1
143	56	48	5	10	60	77	24	88	83	4		455	599	75.96	357	96	2
TAb	731	746	290	912	1080	1736	1357	2409	2061	463	49	11543	15824	72.95	6609	4709	191
TSp	49	53	43	57	57	63	69	68	76	38	20	94	94		74	69	42