Supplementary material

Table S1. Abundance (Nº) and relative frequency (Fr%) of fruit-feeding butterfly species and subspecies (Nymphalidae), as a function of subfamilies and tribes.

Subfamilies	Tribe	Species / Subspecies	No	Fr %
Biblidinae	Biblidini	*Biblis hyperia* (Cramer, [1779])	62	0.73
	Callicorini	*Callicore sorana sorana* (Godart, [1824])	129	1.52
	Epicaliini	*Eunica macris* (Godart, [1824])	51	0.60
		Eunica sp1.	1	0.01
		Eunica tatila bellaria (Herrich-Schäffer, [1855])	4,108	48.44
	Ageroniini	*Hamadryas amphinome amphinome* (Linnaeus, 1767)	7	0.08
		Hamadryas arete (E. Doubleday, 1847)	1	0.01
		Hamadryas februa februa (Hübner, [1823])	3,098	36.53
	Eurytelini	*Mestra hersilia* (Fabricius, 1776)	12	0.14
	Epiphilini	*Temenis laothoe* (Cramer, 1777)	1	0.01
Total	**6**	**10**	**7,470**	**88.08**
Charaxinae	Anaeini	*Fountainea glycerium cratais* (Hewitson, 1874)	492	5.80
		Fountainea halice moretta (H. Druce, 1877)	105	1.24
		Hypna clytemnestra forbesi Godman & Salvin, [1884]	38	0.45
		Siderone galanthis (Cramer, 1775)	1	0.01
Total	**1**	**4**	**636**	**7.50**
Nymphalinae	Coeini	*Historis acheronta* (Fabricius, 1775)	8	0.09
		Historis odius odius (Fabricius, 1775)	1	0.01
Total	**1**	**2**	**9**	**0.10**
Satyrinae	Brassolini	*Opsiphanes invirae* (Hübner, 1808)	4	0.05
	Satyrini	*Pharneuptychia pharnabazos* (Bryk, 1953)	65	0.77
		Pharneuptychia phares (Godart, [1824])	297	3.50
Total	**2**	**3**	**366**	**3.32**
General Total	**10**	**19**	**8,481**	**100.0**

Table 2. Faunistic indexes of fruit-feeding butterfly species (Nymphalidae) according to transects I (with pollutant plume) and II (without pollutant plume) and vegetation types (forest fragment and pasture).

Species / Subspecies	Transect I									Transect II								
	Forest fragment				Pasture				Total	Forest fragment				Pasture				Total
	N	%	C	D	N	%	C	D		N	%	C	D	N	%	C	D	
Biblis hyperia (Cramer, [1779])	29	0.65	Y	nd	11	1.22	Y	nd	**40**	16	0.78	Z	nd	6	0.57	Z	nd	**22**
Callicore s. sorana (Godart, [1824])	60	1.34	W	nd	28	3.10	Y	nd	**88**	16	0.78	Y	nd	25	2.37	Y	nd	**41**
Eunica macris (Godart, [1824])	24	0.54	Y	nd	10	1.11	Y	nd	**34**	5	0.24	Z	nd	12	1.14	Z	nd	**17**
Eunica sp1.	0	--	--	--	0	--	--	--	**0**	0	--	--	--	1	0.09	Z	nd	**1**
Eunica t. bellaria (Herrich-Schäffer, [1855])	1,888	42.14	W	d	572	63.34	W	d	**2,460**	980	48.02	W	d	668	63.20	W	d	**1,648**
Fountainea g. cratais (Hewitson, 1874)	191	4.26	W	nd	65	7.20	Y	nd	**256**	147	7.20	W	nd	89	8.42	Y	d	**236**
Fountainea h. moretta (H. Druce, 1877)	56	1.25	W	nd	11	1.22	Y	nd	**67**	25	1.22	Y	nd	13	1.23	Y	nd	**38**
Hamadryas a.amphinome (Linnaeus, 1767)	6	0.13	Z	nd	1	0.11	Z	nd	**7**	0	--	--	--	0	--	--	--	**0**
Hamadryas arete (E. Doubleday, 1847)	1	0.02	Z	nd	0	0.00	--	--	**1**	0	--	--	--	0	--	--	--	**0**
Hamadryas f. februa (Hübner, [1823])	1,908	42.59	W	d	194	21.48	W	d	**2,102**	763	37.38	W	d	233	22.04	W	d	**996**
Historis acheronta (Fabricius, 1775)	4	0.09	Z	nd	1	0.11	Z	nd	**5**	1	0.05	Z	nd	2	0.19	Z	nd	**3**
Historis o. odius (Fabricius, 1775)	1	0.02	Z	nd	0	0.00	--	--	**1**	0	--	--	--	0	--	--	--	**0**
Hypna c. forbesi Godman & Salvin, [1884]	26	0.58	W	nd	0	0.00	--	--	**26**	12	0.59	Y	nd	0	--	--	--	**12**
Mestra hersilia (Fabricius, 1776)	4	0.09	Z	nd	0	0.00	--	--	**4**	7	0.34	Z	nd	1	0.09	Z	nd	**8**
Opsiphanes invirae (Hübner, 1808)	1	0.02	Z	nd	2	0.22	Z	nd	**3**	0	--	--	--	1	0.09	Z	nd	**1**
Pharneuptychia pharnabazos (Bryk, 1953)	56	1.25	Z	nd	1	0.11	Z	nd	**57**	7	0.34	Z	nd	1	0.09	Z	nd	**8**
Pharneuptychia phares (Godart, [1824])	224	5.00	W	nd	6	0.66	Z	nd	**230**	62	3.04	W	nd	5	0.47	Z	nd	**67**
Siderone galanthis (Cramer, 1775)	1	0.02	Z	nd	0	0.00	--	--	**1**	0	--	--	--	0	--	--	--	**0**

Temenis laothoe (Cramer, 1777)	0	0.00	--	--	1	0.11	Z	nd	**1**	0	--	--	--	0	--	--	--	**0**
Total (19)	**4,480**	100.0	**--**	**--**	**903**	100.0	**--**	**--**	**5,383**	**2,041**	100.0	**--**	**--**	**1,057**	100.0	**-**	**--**	**3,098**
S	17	--	--	--	13	--	--	--	**18**	12	--	--	--	13	--	--	--	**14**
H'	1.299	--	--	--	1.151	--	--	--	**1.300**	1.233	--	--	--	1.118	--	--	--	**1.219**

(N) abundance. (%) relative frequency. (C) constancy: constant species (W). accessory (Y) and accidental (Z). (D) dominance: dominant and non-dominant species (S) richness. (H ') diversity of Shannon-Wiener.