



## Correction

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## Correction

**Article title:** Assessment of pollen and honey diet of *Tetragonisca angustula fiebrigi* Schwarz in the Chaco dry forest by using pollen analysis.

**Authors:** Vossler, F. G.

**Journal:** *Grana*

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When this paper was first published online and in print the column headings on pages 296 and 297 of Table II were duplicated from pages 294 and 295. The content of the table was not duplicated.

The corrected table is given overleaf.

Table II. Relative abundance (%) of the pollen types found in *Tetragonisca angustula fiebrigi* pollen (direct pollen count [Num] on the left of each column and relative volume [Vol] in the centre) and honey provisions (on the right, in italic typeface), in alphabetic order of their families. The *p* values (Chi-square test) are shown in bold when pollen percentage differences were significant. The abundant resources (> 5%) are shown in bold. The total number of pollen types and families per nest are provided. The absolute number of pollen grains in 10 g of honey is also indicated.

Family and pollen type	P		H		P		H		P		H		P		H	
	Num	Vol	Num	Vol	Num	Vol	Num	Vol	Num	Vol	Num	Vol	Num	Vol	Num	Vol
	Nest 1		Nest 2		Nest 5		Nest 6		Nest 7							
<b>Acanthaceae</b>																
<i>Justicia</i>	0.07	0.29				<i>0,34</i>										
<b>Achatocarpaceae</b>																
<i>Achatocarpus praecox</i>	3.07	3.54											0.81	0.76	3.02	
<b>Anacardiaceae</b>																
<i>Schinopsis</i> type *	<b>73.19</b>	<b>56.65</b>	<b>63.46</b>	<b>100</b>	<b>100</b>	<b>68.60</b>	<b>40.59</b>	<b>45.20</b>	<b>52.39</b>	<b>42.67</b>	<b>51.21</b>	<b>11.30</b>				
<b>Apocynaceae</b>																
<i>Aspidosperma</i>						<i>0.34</i>										
<b>Arecaceae</b>																
<i>Trithrinax schizophylla</i>	0.13	0.07					<b>42.90</b>	<b>33.91</b>	<b>42.82</b>	<b>56.89</b>	<b>48.47</b>	<b>85.65</b>	0.95	0.43		
<b>Asteraceae</b>																
<i>Ambrosia</i>						<i>0.68</i>										<i>0.60</i>
<i>Baccharis</i> type						<i>0.68</i>										
Heliantheae													1.87	0.60		
<i>Parthenium hysterophorus</i>							<b>6.96</b>	1.57		0.15	0.04	2.39				
<i>Tessaria</i> type						<i>0.68</i>										
<i>Xanthium spinosum</i>	0.05	?														
<b>Bigoniaceae</b>																
<i>Fridericia dichotoma</i>													0.14	0.33		
<i>Tabebuia</i> type													2.33	2.83	<i>0.60</i>	
<b>Bromeliaceae</b>																
<b>Cannabaceae</b>																
<i>Celtis</i>	0.63	0.41	1.92			<i>0.34</i>	<b>5.52</b>	<b>5.08</b>		0.29	0.29	0.65	3.42	1.80	<i>0.91</i>	
<b>Capparaceae</b>																
<i>Anisocapparis speciosa</i>													<b>5.01</b>	4.26		
<i>Atamisquea emarginata</i>							0.32	0.16					2.68	0.77		
<i>Capparicordis</i> / <i>Anisocapparis</i>																
<i>Capparicordis</i> / <i>Sarcotoximum</i>	0.82	2.41											1.59	3.83		
<i>Cynophalla retusa</i>							1.21	1.39					1.52	0.99		
<i>Sarcotoximum salicifolius</i>																4.83
<b>Celastraceae</b>																
<i>Maytenus</i> type			<b>30.77</b>			<b>25.94</b>							<b>30.65</b>	<b>7.32</b>	<b>18.13</b>	
<b>Chenopodiaceae</b>																
<b>Euphorbiaceae</b>																
<i>Croton</i> type						<i>0.34</i>										
<i>Sapium haematospermum</i>	0.01	0.05				<i>0.34</i>	1.69	<b>9.90</b>								
<b>Fabaceae, Caesalpinioideae</b>																
<i>Caesalpinia paraguariensis</i>	1.66	<b>6.38</b>											2.08	<b>6.55</b>	<b>6.04</b>	
<i>Gleditsia amorphoides</i>																

(Continued)

Table II. (Continued).

Family and pollen type	P		H	P		H	P		H	P		H			
	Num	Vol		Num	Vol		Num	Vol		Num	Vol				
	Nest 1			Nest 2			Nest 5			Nest 6			Nest 7		
<i>Parkinsonia</i>	0.05	0.06											1.13	0.97	0.30
<i>Pterogyne nitens</i>															
<b>Fabaceae, Caesalpinioideae, mimosoid clade</b>															
Ingeae (monads from polyads)	0.15	?													
<i>Mimosa detinens</i>						0.07	0.02								
<i>Prosopis</i>	11.69	25.74	0.64		0.34	0.23	0.72						25.26	45.58	46.53
<i>Vachellia aroma</i> type													0.04	0.05	0.30
<b>Loranthaceae</b>															
<i>Sruthanthus uraguensis</i>						0.18	0.55						0.07	0.12	
<b>Malpighiaceae</b>															
<i>Mascagnia brevifolia</i>						0.34	1.50						6.77	16.96	2.11
<b>Nyctaginaceae</b>															
<i>Boerhavia diffusa</i>							1.02								
<b>Polygonaceae</b>															
<i>Salta triflora</i>													0.04	0.13	
<b>Rhamnaceae</b>															
<i>Ziziphus mistol</i>			3.21		0.34				3.19				6.31	2.58	
<b>Santalaceae</b>															
<i>Acanthosyris falcata</i>															
<b>Sapotaceae</b>															
<i>Sideroxylon obtusifolium</i>	8.47	4.40											7.34	3.12	8.76
<b>Simaroubaceae</b>															
<i>Castela coccinea</i>															
<b>Ulmaceae</b>															
<i>Phyllostylon rhamnoides</i>															
<b>Ximeniaceae</b>															
<i>Ximenia americana</i>															
<b>Zygophyllaceae</b>															
<i>Bulnesia sarmientoi</i>															7.85
<b>Unidentified 1</b>															
<b>Unidentified 2</b>															
<b>Unidentified 3</b>															
<b>Number of types (and families) per nest:</b>	13 (10)	5 (5)		1 (1)	13(10)	11 (9)	4 (4)	4 (4)	4 (4)	20 (13)	13(10)				
<b>p value</b>	0.254			-		0.298		0.678		0.018					
<b>Absolute number of grains</b>			-		-		$3 \times 10^6$		$6 \times 10^6$		$1.4 \times 10^6$				

(Continued)

Table II. Continued

Family and pollen type	P		H		P		H		P		H		P	
	Num	Vol	Num	Vol	Num	Vol	Num	Vol	Num	Vol	Num	Vol	Num	Vol
	Nest 10		Nest 12		Nest 13		Nest 14		Nest 15		Nest 18			
<b>Acanthaceae</b>														
<i>Justicia</i>														
<b>Achatocarpaceae</b>														
<i>Achatocarpus praecox</i>			2.06	1.81	8.17				0.03	0.03	6.54			
<b>Anacardiaceae</b>														
<i>Schinopsis</i> type *								30.60				42.32	43.02	
<b>Apocynaceae</b>														
<i>Aspidosperma</i>														
<b>Arecaceae</b>														
<i>Trihrinax schizophylla</i>			0.05	0.02	0.48							49.13	35.46	
<b>Asteraceae</b>														
<i>Ambrosia</i>														
<i>Baccharis</i> type														
Heliantheae												1.94		
<i>Parthenium hysterophorus</i>												0.12	0.03	
<i>Tessaria</i> type														
<i>Xanthium spinosum</i>	0.07	?												
<b>Bignoniaceae</b>														
<i>Fridericia dichotoma</i>									1.14	2.63	1.94			
<i>Tabebuia</i> type							2.73		8.55	10.19	4.12			
<b>Bromeliaceae</b>						0.51	0.53							
<b>Cannabaceae</b>														
<i>Celtis</i>			3.19	1.56	12.98	29.43	21.44	51.15	16.72	3.07	1.58	2.18	0.47	0.39
<b>Capparaceae</b>														
<i>Anisocapparis speciosa</i>									3.47					
<i>Atamisquea emarginata</i>														
<i>Capparicordis</i> / <i>Anisocapparis</i>			2.28											
<i>Capparicordis</i> / <i>Sarcotoxicum</i>	12.67	24.99		2.20	4.95	0.58	1.94		2.37	5.60	10.41	0.05	0.19	
<i>Cynophalla retusa</i>						38.85	35.25	24.11						
<i>Sarcotoxicum salicifolius</i>														
<b>Celastraceae</b>														
<i>Maytenis</i> type	37.60	7.35	89.35	0.61	0.14	14.79	4.90		0.77	0.18	1.94	0.34	0.13	
<b>Chenopodiaceae</b>				0.09	?									
<b>Euphorbiaceae</b>														
<i>Croton</i> type														
<i>Sapium haematospermum</i>			0.14	0.44	2.40									
<b>Fabaceae, Caesalpinioideae</b>														
<i>Caesalpinia paraguariensis</i>						0.04	0.16	0.21			0.48			

(Continued)

Table II. (Continued).

Family and pollen type	P		H	P		H	P		H	P		H	P	
	Num	Vol		Num	Vol		Num	Vol		Num	Vol		Num	Vol
	Nest 10			Nest 12			Nest 13		Nest 14	Nest 15			Nest 18	
<i>Gleditsia amorphoides</i>				<b>24.67</b>	<b>24.94</b>	2.88	3.81	<b>5.74</b>						
<i>Parkinsonia</i>	0.47	0.33							0.32	<b>9.35</b>	<b>7.91</b>	3.39		
<i>Pterogyne nitens</i>										3.97	0.63			
<b>Fabaceae, Caesalpinioideae, mimosoid clade</b>														
Ingeae (monads from polyads)														
<i>Mimosa detinens</i>														
<i>Prosopis</i>	<b>44.27</b>	<b>65.33</b>	<b>8.37</b>	<b>30.39</b>	<b>51.03</b>	<b>2.88</b>	<b>11.85</b>	<b>29.69</b>	<b>8.60</b>	<b>10.41</b>	<b>24.05</b>	<b>42.49</b>	<b>13.56</b>	<b>7.08</b> <b>20.46</b>
<i>Vachellia aroma</i> type	0.07	0.07		0.09	0.12									
<b>Loranthaceae</b>														
<i>Sruthanthus uraguensis</i>							0.14	0.35						
<b>Malpighiaceae</b>														
<i>Mascagnia brevifolia</i>										2.10	<b>5.16</b>	<i>1.69</i>		
<b>Nyctaginaceae</b>														
<i>Boerhavia diffusa</i>														
<b>Polygonaceae</b>														
<i>Salta triflora</i>				0.09	0.33	<i>0.96</i>				<i>0.63</i>	1.54	<b>5.66</b>	<b>7.02</b>	
<b>Rhamnaceae</b>														
<i>Ziziphus mistol</i>				<b>28.33</b>	<b>10.78</b>	<b>59.62</b>				<i>0.32</i>	0.67	0.27	<i>0.97</i>	0.02 0.02
<b>Santalaceae</b>														
<i>Acanthosyris falcata</i>	2.16	0.76												0.44 0.31
<b>Sapotaceae</b>														
<i>Sideroxylon obtusifolium</i>				4.69	1.86	<i>3.37</i>				<b>37.54</b>	<b>42.35</b>	<b>17.65</b>	<b>37.53</b>	
<b>Simaroubaceae</b>														
<i>Castela coccinea</i>	2.70	1.16												
<b>Ulmaceae</b>														
<i>Phyllostylon rhamnoides</i>				3.19	2.03					0.03	0.02			
<b>Ximeniaceae</b>														
<i>Ximenia americana</i>														0.02 0.005
<b>Zygophyllaceae</b>														
<i>Bulnesia sarmientoi</i>										<b>13.21</b>			<b>6.30</b>	
<b>Unidentified 1</b>				0.19	?									
<b>Unidentified 2</b>						3.37								
<b>Unidentified 3</b>						2.88								
<b>Number of types (and families) per nest:</b>	8 (6)	3 (3)		15 (13+1)	11 (8+2)		9 (6)	6 (5)	8 (7)	14 (11)	15 (12)		10 (10)	
<b>p value</b>	<b>4.40 E-05</b>			0.155			0.052				<b>0.026</b>			0.437
<b>Absolute number of grains</b>		<i>1.1 x 10<sup>6</sup></i>			-			<i>17 x 10<sup>6</sup></i>	<i>2 x 10<sup>6</sup></i>			<i>8 x 10<sup>6</sup></i>		

Note: \*The *Schinopsis* type included an average volume value between *Schinopsis balansae* and *Schinus fasciculata* var. *arenicola* as both species seems to be present in the samples.