

**S4 Table.** Insect herbivory of the Bletterbach Flora of the late Permian (Lopingian).

Taxa/groups, their abundances & percentages	Specimen number	Percent damage	Percent specialized	Percent galls	Percent miners	Number of DTs	Specialized DTs	Generalized DTs	Intermediate DTs	FFGs
<b>Sphenophytes</b> [4, 0.21 %]										
indet. sp.	4	0	0	0	0	0	0	0	0	0
<b>Pteridosperms</b> [19, 1.01 %]										
<i>Germaropteris martinsii</i>	5	0	0	0	0	0	0	0	0	0
<i>Peltaspermum</i> sp.	7	0	0	0	0	0	0	0	0	0
<i>Sphenopteris suessii</i>	4	0	0	0	0	0	0	0	0	0
<i>Sphenopteris</i> sp. 1	3	0	0	0	0	0	0	0	0	0
<b>Ginkgophytes</b> [741, 39.37 %]										
<i>Baiera digitata</i>	12	0.8333	0	0	0	1	0	1	0	1
<i>Baiera</i> sp.	1	0	0	0	0	0	0	0	0	0
<i>Dicranophyllum</i> sp.	85	0.0353	0	0	0	2	0	2	0	2
<i>Leptostrobus</i> sp.	9	0	0	0	0	0	0	0	0	0
<i>Sphenobaiera</i> sp.	13	0	0	0	0	0	0	0	0	0
indeterminate ginkgophyte	621	0.0177	0.0032	0.0032	0	6	2	2	0	4
<b>Cycadophytes</b> [24, 1.28 %]										
<i>Pterophyllum</i> sp.	2	0	0	0	0	0	0	0	0	0
<i>Taeniopteris</i> sp. A	3	0.3333	0.3333	0	0	2	1	0	1	1
<i>Taeniopteris</i> sp. B	10	0	0	0	0	1	0	0	0	0
<i>Taeniopteris</i> sp.	2	0.5	0	0	0	2	0	0	0	1
indeterminate cycad	7	0	0	0	0	0	0	0	0	0
<b>Coniferophytes</b> [497, 26.41 %]										
<i>Ortiseia leonardi</i>	253	0.0079	0	0	0	3	0	1	0	2
<i>Ortiseia visscheri</i>	1	0	0	0	0	0	0	0	0	0
<i>Pseudovoltzia liebeana</i>	59	0.0678	0.0169	0.0169	0	4	1	2	1	4
<i>Quadrocladus</i> sp.	157	0.0191	0.0127	0.0064	0	4	2	1	0	4
conifer 1 indet.	4	0	0	0	0	0	0	0	0	0
conifer 2 indet.	24	0	0	0	0	0	0	0	0	0
<b>Incertae sedis</b> [595, 31.62 %]										
cone type 1	58	0	0	0	0	0	0	0	0	0
cone type 2 (♀)	13	0	0	0	0	3	0	0	0	1

cone type 3 (♂)	42	0	0	0	0	0	0	0	0	0	0
indeterminate foliage	3	0.3333	0.3333	0	0	2	1	0	0	0	2
seed type 1	27	0	0	0	0	0	0	0	0	0	0
seed type 2	158	0.0064	0	0	0	0	0	0	0	0	3
seed type 3	2	0	0	0	0	0	0	0	0	0	0
seed type 4	7	0	0	0	0	0	0	0	0	0	0
stems	285	0.0281	0.0035	0	0	5	1	0	0	0	3
wood indet.	1	1	0	0	0	1	0	0	0	0	0
TOTALS	1531	0.0196	0.0039	0.0026	0	16	6	8	2	5	