

Supplementary material

Table S1. The quality of classification of individuals by species according to the results of LDA.

Species	Classified as:								Total
	<i>A. starobogatovi</i>	<i>S. cavernicola</i>	<i>T. kopidophora</i>	<i>C. dadiani</i>	<i>C. lugella</i>	<i>C. shiksha</i>	<i>C. nazodelavo</i>	<i>T. kimmeria</i>	
<i>A. starobogatovi</i>	36	0	0	0	0	0	1	0	37
<i>S. cavernicola</i>	1	13	1	0	4	0	1	0	20
<i>T. kopidophora</i>	0	1	30	0	0	0	0	0	31
<i>C. dadiani</i>	0	1	0	28	0	3	0	0	32
<i>C. lugella</i>	1	1	0	0	22	1	0	4	29
<i>C. shiksha</i>	0	1	0	4	1	41	2	2	51
<i>C. nazodelavo</i>	0	1	0	0	0	0	8	2	11
<i>T. kimmeria</i>	0	0	0	0	2	0	4	19	25
Total	38	18	31	32	29	45	16	27	236

Table S2. Results of pair-wise PERMANOVA tests. p values are significant levels estimated by permutations of residuals (p < 0.05 are given in bold).

SPECIES	t	p	SPECIES	t	p
<i>A. starobogatovi</i> vs. <i>S. cavernicola</i>	4.04	0.001	<i>T. kopidophora</i> vs. <i>C. dadiani</i>	9.51	0.001
<i>A. starobogatovi</i> vs. <i>T. kopidophora</i>	7.11	0.001	<i>T. kopidophora</i> vs. <i>C. lugella</i>	5.85	0.001
<i>A. starobogatovi</i> vs. <i>T. kimmeria</i>	4.15	0.001	<i>T. kopidophora</i> vs. <i>C. shiksha</i>	8.45	0.001
<i>A. starobogatovi</i> vs. <i>C. dadiani</i>	6.53	0.001	<i>T. kopidophora</i> vs. <i>C. nazodelavo</i>	7.43	0.001
<i>A. starobogatovi</i> vs. <i>C. lugella</i>	4.23	0.001	<i>C. dadiani</i> vs. <i>T. kimmeria</i>	4.37	0.001
<i>A. starobogatovi</i> vs. <i>C. shiksha</i>	6.79	0.001	<i>C. dadiani</i> vs. <i>C. lugella</i>	5.70	0.001
<i>A. starobogatovi</i> vs. <i>C. nazodelavo</i>	2.81	0.001	<i>C. dadiani</i> vs. <i>C. shiksha</i>	2.13	0.011
<i>S. cavernicola</i> vs. <i>T. kopidophora</i>	3.37	0.001	<i>C. dadiani</i> vs. <i>C. nazodelavo</i>	3.82	0.001
<i>S. cavernicola</i> vs. <i>T. kimmeria</i>	4.51	0.001	<i>C. lugella</i> vs. <i>T. kimmeria</i>	2.99	0.001
<i>S. cavernicola</i> vs. <i>C. dadiani</i>	5.49	0.001	<i>C. lugella</i> vs. <i>C. shiksha</i>	5.82	0.001

<i>S. cavernicola</i> vs. <i>C. lugella</i>	2.81	0.001	<i>C. lugella</i> vs. <i>C. nazodelavo</i>	3.50	0.001
<i>S. cavernicola</i> vs. <i>C. shiksha</i>	4.70	0.001	<i>C. shiksha</i> vs. <i>T. kimmeria</i>	5.45	0.001
<i>S. cavernicola</i> vs. <i>C. nazodelavo</i>	4.77	0.001	<i>C. shiksha</i> vs. <i>C. nazodelavo</i>	4.24	0.001
<i>T. kopidophora</i> vs. <i>T. kimmeria</i>	7.40	0.001	<i>C. nazodelavo</i> vs. <i>T. kimmeria</i>	1.63	0.049
