

Supporting Information

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Table S1. Origin of individuals belonging to the *D. atkinsoni* complex and the two outgroup species, and GenBank accession numbers of sequences used for phylogenetic reconstruction.

Species	Country/Region	Locality	Crown	COI acc. no.	12S acc. no.
<i>D. gr. atkinsoni</i> - lineage 1	Belgium	Damme - pool	no	DQ166847	DQ116601
<i>D. gr. atkinsoni</i> - lineage 1	Israel	Tel Ashdod - flooded meadow	yes		DQ116600
<i>D. gr. atkinsoni</i> - lineage 1	Israel	Netanya - rainpool Dora	no		FJ415607
<i>D. gr. atkinsoni</i> - lineage 1	Spain	Doñana National Park - Lucio de Membrillo lagoon	no	DQ166848	DQ116602
<i>D. gr. atkinsoni</i> - lineage 1	Spain	El Rocío - flooded meadow	yes		DQ116599
<i>D. gr. atkinsoni</i> - lineage 2	Golan Heights	Merom Golan - Bental Reservoir	no	DQ166845	DQ116596
<i>D. gr. atkinsoni</i> - lineage 2	Golan Heights	crater lake Birkat Ram	no		DQ116597
<i>D. atkinsoni</i> s.s. (lin. 3)	Hungary	Hajdúböszörmény - puddles	no		DQ116593
<i>D. atkinsoni</i> s.s. (lin. 3)	Hungary	Sarud - temporary pool	yes		DQ116594
<i>D. atkinsoni</i> s.s. (lin. 3)	Israel	Atlit - ditches	no	DQ166843	DQ116590
<i>D. atkinsoni</i> s.s. (lin. 3)	Israel	Khadera - rainpool Samar	yes		DQ116595
<i>D. atkinsoni</i> s.s. (lin. 3)	Israel	Kholon - rainpool "Reserve"	no	DQ166844	DQ116591
<i>D. atkinsoni</i> s.s. (lin. 3)	Spain	Doñana National Park - Lucio de Membrillo lagoon	no		DQ116592
<i>D. gr. atkinsoni</i> - lineage 4	Hungary	Kiskunság National Park - Orgovány - rainpool Czárda Szék	no	DQ166846	DQ116598
<i>D. magna</i>	Israel	Netanya - rainpool Dora	N/A	DQ166849	DQ116603
<i>D. similis</i>	Spain	Doñana National Park - Membrillo Observatorio	N/A	DQ166842	DQ116589

Presence or absence of the "crown of thorns" in sampled populations of the *D. atkinsoni* complex is indicated for each locality.