

Supporting Information:

Table S1: Specimens of the *Papilio glaucus* species group and the outgroup (*P. garamas*) used in this work. All specimens, except where mentioned otherwise, were collected by Krushnamegh Kunte. The "*appalachiensis/glaucus*" specimens were phenotypically intermediate between *glaucus* and *appalachiensis*; hence, suspected to be hybrids.

Specimen	Species	Sex	Collection information
AA070	<i>garamas</i>	Female	Parque Chipinque, Monterrey, Mexico. 2006/06.
AA838	<i>garamas</i>	Female	Balcon de Montezuma, Tamaulipas, Mexico. 2006/09.
AA873	<i>garamas</i>	Male	Canon de la Libertad, Tamaulipas, Mexico. 2006/09.
AA875	<i>garamas</i>	Male	Canon de la Libertad, Tamaulipas, Mexico. 2006/09.
AA876	<i>garamas</i>	Male	Canon de la Libertad, Tamaulipas, Mexico. 2006/09.
AA878	<i>garamas</i>	Female	Canon de la Libertad, Tamaulipas, Mexico. 2006/09.
AA880	<i>garamas</i>	Female	Canon de la Libertad, Tamaulipas, Mexico. 2006/09.
AA050	<i>multicaudata</i>	Male	Austin, Texas, USA. 2006/03.
AA051	<i>multicaudata</i>	Male	Austin, Texas, USA. 2006/03.
AA054	<i>multicaudata</i>	Male	Austin, Texas, USA. 2006/03.
AA055	<i>multicaudata</i>	Male	Austin, Texas, USA. 2006/03.
AA059	<i>multicaudata</i>	Female	Austin, Texas, USA. 2006/03.
AA079	<i>multicaudata</i>	Male	Austin, Texas, USA. 2006/03.
AA083	<i>multicaudata</i>	Female	Austin, Texas, USA. 2006/04.
AA089	<i>multicaudata</i>	Female	Austin, Texas, USA. 2006/04.
AA369	<i>multicaudata</i>	Female	Austin, Texas, USA. 2006/06.
AA422	<i>rutulus</i>	Female	Roosevelt National Forest, Colorado, USA. 2006/07.
AA425	<i>rutulus</i>	Female	Roosevelt National Forest, Colorado, USA. 2006/07.
AA435	<i>rutulus</i>	Male	Roosevelt National Forest, Colorado, USA. 2006/07.
AA437	<i>rutulus</i>	Male	Roosevelt National Forest, Colorado, USA. 2006/07.
AA438	<i>rutulus</i>	Male	Roosevelt National Forest, Colorado, USA. 2006/07.
AA440	<i>rutulus</i>	Male	Roosevelt National Forest, Colorado, USA. 2006/07.
AA441	<i>rutulus</i>	Male	Roosevelt National Forest, Colorado, USA. 2006/07.
AA444	<i>rutulus</i>	Female	Roosevelt National Forest, Colorado, USA. 2006/07.
AA420	<i>eurymedon</i>	Female	Roosevelt National Forest, Colorado, USA. 2006/07.
AA447	<i>eurymedon</i>	Male	Greenhorn Mountains, California, USA. 2006/06. Coll: Ken Davenport.
AA448	<i>eurymedon</i>	Male	Greenhorn Mountains, California, USA. 2006/06. Coll: Ken Davenport.
AA449	<i>eurymedon</i>	Male	Greenhorn Mountains, California, USA. 2006/06. Coll: Ken Davenport.
AA450	<i>eurymedon</i>	Female	Santa Barbara Canyons, California, USA. 2006/05. Coll: Ken Davenport.
AA451	<i>eurymedon</i>	Female	Santa Barbara Canyons, California, USA. 2006/05. Coll: Ken Davenport.
AA453	<i>eurymedon</i>	Male	Santa Barbara Canyons, California, USA. 2006/05. Coll: Ken Davenport.
AA454	<i>eurymedon</i>	Male	Prefund Canyon, California, USA. 1994/04. Coll: Ken Davenport.
AA562	<i>alexiares</i>	Male	Sierra del Doctor, Queretaro, Mexico. 1999/04. Coll: Rafael and Alonso Turrent.
AA563	<i>alexiares</i>	Male	Sierra del Doctor, Queretaro, Mexico. 2002/04. Coll: Rafael and Alonso Turrent.
AA025	<i>garcia</i>	Female	Parque Chipinque, Monterrey, Mexico. 2005/09.
AA071	<i>garcia</i>	Female, black	Parque Chipinque, Monterrey, Mexico. 2006/06.
AA072	<i>garcia</i>	Male	Parque Chipinque, Monterrey, Mexico. 2006/06.
AA073	<i>garcia</i>	Male	Parque Chipinque, Monterrey, Mexico. 2006/06.
AA077	<i>garcia</i>	Female, black	Parque Chipinque, Monterrey, Mexico. 2006/06.
AA870	<i>garcia</i>	Male	Canon de la Libertad, Tamaulipas, Mexico. 2006/09. Coll: Irmi Garcia.
AA026	<i>glaucus</i>	Male	Gainesville, Florida, USA. 2005/06.
AA027	<i>glaucus</i>	Male	Gainesville, Florida, USA. 2005/06.
AA028	<i>glaucus</i>	Female, black	Gainesville, Florida, USA. 2005/06.
AA049	<i>glaucus</i>	Male	Austin, Texas, USA. 2006/03.
AA052	<i>glaucus</i>	Male	Austin, Texas, USA. 2006/03.
AA053	<i>glaucus</i>	Male	Austin, Texas, USA. 2006/03.
AA056	<i>glaucus</i>	Female, black	Austin, Texas, USA. 2006/03.
AA062	<i>glaucus</i>	Female, black	Austin, Texas, USA. 2006/04.
AA066	<i>glaucus</i>	Female, yellow	Austin, Texas, USA. 2006/05.
AA084	<i>glaucus</i>	Female, black	Austin, Texas, USA. 2006/04.
AA280	<i>glaucus</i>	Male	Spruce Knob, West Virginia, USA. 2006/05.
AA304	<i>glaucus</i>	Female, black	Spruce Knob, West Virginia, USA. 2006/05.
AA314	<i>glaucus</i>	Female, yellow	Spruce Knob, West Virginia, USA. 2006/05.
AA316	<i>glaucus</i>	Female, yellow	Spruce Knob, West Virginia, USA. 2006/05.
AA319	<i>glaucus</i>	Female, black	Spruce Knob, West Virginia, USA. 2006/05.
AA321	<i>glaucus</i>	Female, black	Spruce Knob, West Virginia, USA. 2006/05.
AA325	<i>glaucus</i>	Female, black	Spruce Knob, West Virginia, USA. 2006/05.
AA339	<i>glaucus</i>	Female, black	Spruce Knob, West Virginia, USA. 2006/05.
AA365	<i>glaucus</i>	Female, black	Spruce Knob, West Virginia, USA. 2006/05.
AA366	<i>glaucus</i>	Male	Austin, Texas, USA. 2006/06.
AA367	<i>glaucus</i>	Female, yellow	Gainesville, Florida, USA. 2006/06.
AA512	<i>glaucus</i>	Male	Vicksburg, Mississippi, USA. 2006/08. Coll: Ricky Patterson.
AA518	<i>glaucus</i>	Male	Vicksburg, Mississippi, USA. 2006/08. Coll: Ricky Patterson.
AA531	<i>glaucus</i>	Male	Vicksburg, Mississippi, USA. 2006/08. Coll: Ricky Patterson.
AA533	<i>glaucus</i>	Male	Vicksburg, Mississippi, USA. 2006/08. Coll: Ricky Patterson.
AA537	<i>glaucus</i>	Female, black	Vicksburg, Mississippi, USA. 2006/08. Coll: Ricky Patterson.
AA538	<i>glaucus</i>	Female, black	Vicksburg, Mississippi, USA. 2006/08. Coll: Ricky Patterson.

