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**Supplementary material**

**Taxonomic reassessment of species within the *chrysaoros* group of *Calisto*  
(Lepidoptera : Nymphalidae : Satyrinae)**

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S1. Outputs generated by using the ABGD web- interface (available at: <http://wwwabi.snv.jussieu.fr/public/abgd/>) for the available COI sequences of *Calisto clydoniata*, *C. clenchi*, *C. chrysaoros*, *C. galii galii*, and *C. galii choneupsilon*.

*Recursive partitions obtained*

Partition 1: found 15 groups (prior maximal distance P= 0.001000)

Partition 2: found 15 groups (prior maximal distance P= 0.001668)

Partition 3: found 3 groups (prior maximal distance P= 0.002783)

Partition 4: found 2 groups (prior maximal distance P= 0.004642)

Partition 5: found 2 groups (prior maximal distance P= 0.007743)

Partition 6: found 2 groups (prior maximal distance P= 0.012915)

Partition 7: found 2 groups (prior maximal distance P= 0.021544)

Partition 8: found 2 groups (prior maximal distance P= 0.035938)

Partition 9: found 2 groups (prior maximal distance P= 0.059948)

*Specimens arranged by recursive partitions obtained*

*15 groups or hypothetical species.*

Group 1, n= 3: RN02-16\_C\_clydoniata, WI-JAG-807\_C\_clydoniata, WI-JAG-804\_C\_clydoniata

Group 2, n=1: WI-JAG-808\_C\_clydoniata

Group 3, n=1: WI-JAG-805\_C\_clydoniata

Group 4, n=14: WI-JAG1039\_C\_clenchi, WI-JAG1038\_C\_clenchi, WI-JAG1036\_C\_clenchi, WI-JAG1037\_C\_clenchi, WI-JAG-803\_C\_chrysaoros, WI-JAG-809\_C\_chrysaoros, WI-JAG-917\_C\_chrysaoros, WI-JAG-915\_C\_chrysaoros, WI-JAG-914\_C\_chrysaoros, WI-JAG-500\_C\_chrysaoros, WI-JAG-801\_C\_chrysaoros, WI-JAG-498\_C\_chrysaoros, WI-JAG-912\_C\_chrysaoros, WI-JAG-918\_C\_chrysaoros

Group 5, n=3: WI-JAG-802\_C\_chrysaoros, WI-JAG-913\_C\_chrysaoros, WI-JAG-499\_C\_chrysaoros

Group 6, n=1: WI-JAG-916\_C\_chrysaoros

Group 7, n=24: WI-JAG-921\_C\_galii\_galii, WI-JAG-931\_C\_galii\_galii, WI-JAG-930\_C\_galii\_galii, WI-JAG-929\_C\_galii\_galii, WI-JAG-919\_C\_galii\_galii, WI-JAG-798\_C\_galii\_galii, CAL-Sat71\_C\_galii\_galii, CAL-Sat72\_C\_galii\_galii, CAL-Sat15\_C\_galii\_galii, WI-JAG-928\_C\_galii\_galii, CAL-Sat61\_C\_galii\_galii, CAL-Sat60\_C\_galii\_galii, CAL-Sat57\_C\_galii\_galii, CAL-Sat56\_C\_galii\_galii, CAL-Sat62\_C\_galii\_galii, CAL-Sat63\_C\_galii\_galii, CAL-Sat65\_C\_galii\_galii, CAL-Sat66\_C\_galii\_galii, WI-JAG-800\_C\_galii\_choneupsilon, WI-JAG-799\_C\_galii\_choneupsilon, WI-JAG-950\_C\_galii\_choneupsilon, WI-JAG-952\_C\_galii\_choneupsilon, WI-JAG-953\_C\_galii\_choneupsilon, WI-JAG-949\_C\_galii\_choneupsilon

Group 8, n=3: WI-JAG-927\_C\_galii\_galii, WI-JAG-922\_C\_galii\_galii, CAL-Sat68\_C\_galii\_galii

Group 9, n=1: WI-JAG-926\_C\_galii\_galii

Group 10, n=2: WI-JAG-925\_C\_galii\_galii, WI-JAG-797\_C\_galii\_galii

Group 11, n=1: WI-JAG-924\_C\_galii\_galii

Group 12, n=2: WI-JAG-920\_C\_galii\_galii, WI-JAG-546\_C\_galii\_galii

Group 13, n=1: WI-JAG-796\_C\_galii\_galii

Group 14, n=1: CAL-Sat73\_C\_galii\_galii

Group 15, n=1: CAL-Sat14\_C\_galii\_galii

*3 groups or hypothetical species.*

Initial Partitions with prior maximal distance P=0.00278

Group 1, n=5: RN02-16\_C\_clydoniata, WI-JAG-807\_C\_clydoniata, WI-JAG-808\_C\_clydoniata, WI-JAG-804\_C\_clydoniata, WI-JAG-805\_C\_clydoniata

Group 2, n=18: WI-JAG1039\_C\_clenchi, WI-JAG1038\_C\_clenchi, WI-JAG1036\_C\_clenchi, WI-JAG1037\_C\_clenchi, WI-JAG-802\_C\_chrysaoros, WI-JAG-803\_C\_chrysaoros, WI-JAG-809\_C\_chrysaoros, WI-JAG-917\_C\_chrysaoros, WI-JAG-916\_C\_chrysaoros, WI-JAG-915\_C\_chrysaoros, WI-JAG-914\_C\_chrysaoros, WI-JAG-500\_C\_chrysaoros, WI-JAG-913\_C\_chrysaoros, WI-JAG-801\_C\_chrysaoros, WI-JAG-

498\_C\_chrysaoros, WI-JAG-499\_C\_chrysaoros, WI-JAG-912\_C\_chrysaoros, WI-JAG-918\_C\_chrysaoros

Group 3, n=36: WI-JAG-921\_C\_galii\_galii, WI-JAG-931\_C\_galii\_galii, WI-JAG-930\_C\_galii\_galii, WI-JAG-929\_C\_galii\_galii, WI-JAG-927\_C\_galii\_galii, WI-JAG-926\_C\_galii\_galii, WI-JAG-925\_C\_galii\_galii, WI-JAG-924\_C\_galii\_galii, WI-JAG-922\_C\_galii\_galii, WI-JAG-920\_C\_galii\_galii, WI-JAG-919\_C\_galii\_galii, WI-JAG-798\_C\_galii\_galii, WI-JAG-546\_C\_galii\_galii, WI-JAG-797\_C\_galii\_galii, WI-JAG-796\_C\_galii\_galii, CAL-Sat68\_C\_galii\_galii, CAL-Sat71\_C\_galii\_galii, CAL-Sat72\_C\_galii\_galii, CAL-Sat73\_C\_galii\_galii, CAL-Sat14\_C\_galii\_galii, CAL-Sat15\_C\_galii\_galii, WI-JAG-928\_C\_galii\_galii, CAL-Sat61\_C\_galii\_galii, CAL-Sat60\_C\_galii\_galii, CAL-Sat57\_C\_galii\_galii, CAL-Sat56\_C\_galii\_galii, CAL-Sat62\_C\_galii\_galii, CAL-Sat63\_C\_galii\_galii, CAL-Sat65\_C\_galii\_galii, CAL-Sat66\_C\_galii\_galii, WI-JAG-800\_C\_galii\_choneupsilon, WI-JAG-799\_C\_galii\_choneupsilon, WI-JAG-950\_C\_galii\_choneupsilon, WI-JAG-952\_C\_galii\_choneupsilon, WI-JAG-953\_C\_galii\_choneupsilon, WI-JAG-949\_C\_galii\_choneupsilon

*2 groups or hypothetical species.*

Initial Partitions with prior maximal distance P=0.00464 to 0.05995

Group 1, n=5: RN02-16\_C\_clydoniata, WI-JAG-807\_C\_clydoniata, WI-JAG-808\_C\_clydoniata, WI-JAG-804\_C\_clydoniata, WI-JAG-805\_C\_clydoniata

Group 2, n=54: WI-JAG1039\_C\_clenchi, WI-JAG1038\_C\_clenchi, WI-JAG1036\_C\_clenchi, WI-JAG1037\_C\_clenchi, WI-JAG-802\_C\_chrysaoros, WI-JAG-803\_C\_chrysaoros, WI-JAG-809\_C\_chrysaoros, WI-JAG-917\_C\_chrysaoros, WI-JAG-916\_C\_chrysaoros, WI-JAG-915\_C\_chrysaoros, WI-JAG-914\_C\_chrysaoros, WI-JAG-500\_C\_chrysaoros, WI-JAG-913\_C\_chrysaoros, WI-JAG-801\_C\_chrysaoros, WI-JAG-498\_C\_chrysaoros, WI-JAG-499\_C\_chrysaoros, WI-JAG-912\_C\_chrysaoros, WI-JAG-918\_C\_chrysaoros, WI-JAG-921\_C\_galii\_galii, WI-JAG-931\_C\_galii\_galii, WI-JAG-930\_C\_galii\_galii, WI-JAG-929\_C\_galii\_galii, WI-JAG-927\_C\_galii\_galii, WI-JAG-926\_C\_galii\_galii, WI-JAG-925\_C\_galii\_galii, WI-JAG-924\_C\_galii\_galii, WI-JAG-922\_C\_galii\_galii, WI-JAG-920\_C\_galii\_galii, WI-JAG-919\_C\_galii\_galii, WI-JAG-798\_C\_galii\_galii, WI-JAG-546\_C\_galii\_galii, WI-JAG-797\_C\_galii\_galii, WI-JAG-796\_C\_galii\_galii, CAL-Sat68\_C\_galii\_galii, CAL-Sat71\_C\_galii\_galii, CAL-

Sat72\_C\_galii\_galii, CAL-Sat73\_C\_galii\_galii, CAL-Sat14\_C\_galii\_galii, CAL-Sat15\_C\_galii\_galii, WI-JAG-928\_C\_galii\_galii, CAL-Sat61\_C\_galii\_galii, CAL-Sat60\_C\_galii\_galii, CAL-Sat57\_C\_galii\_galii, CAL-Sat56\_C\_galii\_galii, CAL-Sat62\_C\_galii\_galii, CAL-Sat63\_C\_galii\_galii, CAL-Sat65\_C\_galii\_galii, CAL-Sat66\_C\_galii\_galii, WI-JAG-800\_C\_galii\_choneupsilon, WI-JAG-799\_C\_galii\_choneupsilon, WI-JAG-950\_C\_galii\_choneupsilon, WI-JAG-952\_C\_galii\_choneupsilon, WI-JAG-953\_C\_galii\_choneupsilon, WI-JAG-949\_C\_galii\_choneupsilon

S2. Outputs generated by using the ABGD web-interface (available at=<http://wwwabi.snv.jussieu.fr/public/abgd/>) for the available COI sequences of *Calisto clenchi*, *C. chrysaoros*, *C. galii galii*, and *C. galii choneupsilon*.

*Recursive partitions obtained*

Partition 1: found 12 groups (prior maximal distance P= 0.001000)

Partition 2: found 12 groups (prior maximal distance P= 0.001668)

Partition 3: found 1 groups (prior maximal distance P= 0.002783)

*Specimens arranged by recursive partitions obtained*

*12 groups or hypothetical species.*

Initial Partitions with prior maximal distance P=0.00167 or lower.

Group 1, n=14: WI-JAG1039\_C\_clenchi, WI-JAG1038\_C\_clenchi, WI-JAG1036\_C\_clenchi, WI-JAG1037\_C\_clenchi, WI-JAG-803\_C\_chrysaoros, WI-JAG-809\_C\_chrysaoros, WI-JAG-917\_C\_chrysaoros, WI-JAG-915\_C\_chrysaoros, WI-JAG-914\_C\_chrysaoros, WI-JAG-500\_C\_chrysaoros, WI-JAG-801\_C\_chrysaoros, WI-JAG-498\_C\_chrysaoros, WI-JAG-912\_C\_chrysaoros, WI-JAG-918\_C\_chrysaoros

Group 2, n=3: WI-JAG-802\_C\_chrysaoros, WI-JAG-913\_C\_chrysaoros, WI-JAG-499\_C\_chrysaoros

Group 3, n=1: WI-JAG-916\_C\_chrysaoros

Group 4, n=24: WI-JAG-921\_C\_galii\_galii, WI-JAG-931\_C\_galii\_galii, WI-JAG-930\_C\_galii\_galii, WI-JAG-929\_C\_galii\_galii, WI-JAG-919\_C\_galii\_galii, WI-JAG-798\_C\_galii\_galii, CAL-Sat71\_C\_galii\_galii, CAL-Sat72\_C\_galii\_galii, CAL-Sat15\_C\_galii\_galii, WI-JAG-928\_C\_galii\_galii, CAL-Sat61\_C\_galii\_galii, CAL-Sat60\_C\_galii\_galii, CAL-Sat57\_C\_galii\_galii, CAL-Sat56\_C\_galii\_galii, CAL-Sat62\_C\_galii\_galii, CAL-Sat63\_C\_galii\_galii, CAL-Sat65\_C\_galii\_galii, CAL-Sat66\_C\_galii\_galii, WI-JAG-800\_C\_galii\_choneupsilon, WI-JAG-799\_C\_galii\_choneupsilon, WI-JAG-950\_C\_galii\_choneupsilon, WI-JAG-952\_C\_galii\_choneupsilon, WI-JAG-953\_C\_galii\_choneupsilon, WI-JAG-949\_C\_galii\_choneupsilon

Group 5, n=3: WI-JAG-927\_C\_galii\_galii, WI-JAG-922\_C\_galii\_galii, CAL-Sat68\_C\_galii\_galii

Group 6, n=1: WI-JAG-926\_C\_galii\_galii

Group 7, n=2: WI-JAG-925\_C\_galii\_galii, WI-JAG-797\_C\_galii\_galii

Group 8, n=1: WI-JAG-924\_C\_galii\_galii

Group 9, n=2: WI-JAG-920\_C\_galii\_galii, WI-JAG-546\_C\_galii\_galii

Group 10, n=1: WI-JAG-796\_C\_galii\_galii

Group 11, n=1: CAL-Sat73\_C\_galii\_galii

Group 12, n=1: CAL-Sat14\_C\_galii\_galii

*1 groups or hypothetical species.*

Initial Partitions with prior maximal distance P= 0.00278

A single group with all the sequences.