

**Sympatric sibling species: the case of *Caloria elegans*  
and *Facelina quatrefagesi* (Gastropoda: Nudibranchia)**

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Supplementary material

Table S1. – Distribution of *C. elegans* and *F. quatrefagesi* with the map site code.

Map sites	Locality	Reference source
<i>Caloria elegans</i>		
1	Northern Ireland	<a href="http://www.habitas.org.uk/marinelife/species.asp?item=W15360">http://www.habitas.org.uk/marinelife/species.asp?item=W15360</a> ; data.nbn.org.uk/Taxa/NBNSYS0000174310/Grid_Map
2	Northern Ireland	<a href="http://www.habitas.org.uk/marinelife/species.asp?item=W15360">http://www.habitas.org.uk/marinelife/species.asp?item=W15360</a> ; data.nbn.org.uk/Taxa/NBNSYS0000174310/Grid_Map
3	Wales	<a href="http://www.habitas.org.uk/marinelife/species.asp?item=W15360">http://www.habitas.org.uk/marinelife/species.asp?item=W15360</a> ; data.nbn.org.uk/Taxa/NBNSYS0000174310/Grid_Map
4	Wales	<a href="http://www.habitas.org.uk/marinelife/species.asp?item=W15360">http://www.habitas.org.uk/marinelife/species.asp?item=W15360</a> ; data.nbn.org.uk/Taxa/NBNSYS0000174310/Grid_Map
5	Wales (2 sites)	<a href="http://www.habitas.org.uk/marinelife/species.asp?item=W15360">http://www.habitas.org.uk/marinelife/species.asp?item=W15360</a> ; data.nbn.org.uk/Taxa/NBNSYS0000174310/Grid_Map
6	England (2 sites)	<a href="http://www.habitas.org.uk/marinelife/species.asp?item=W15360">http://www.habitas.org.uk/marinelife/species.asp?item=W15360</a> ; data.nbn.org.uk/Taxa/NBNSYS0000174310/Grid_Map
7	Portugal (multiple sites)	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0</a>
8	Portugal (multiple sites)	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0</a>
9	Spain, Strait of Gibraltar	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0</a>
10	Spain, Andalusia	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0</a> GROC: <a href="http://www.opistobranquis.org/ca/guia/29">http://www.opistobranquis.org/ca/guia/29</a>
11	Spain, Cartagena	GROC: <a href="http://www.opistobranquis.org/ca/guia/29">http://www.opistobranquis.org/ca/guia/29</a>
12	Spain, Illa de Tabarka	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0</a>
13	Spain, Ibiza	Merbach: <a href="http://www.medslugs.de">www.medslugs.de</a>
14	Spain, Mallorca (multiple sites)	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0</a> GROC: <a href="http://www.opistobranquis.org/ca/guia/29">http://www.opistobranquis.org/ca/guia/29</a>
15	Spain, Minorca	Marchant: <a href="http://www.nudipixel.net/photo/00009103">www.nudipixel.net/photo/00009103</a>
16	Spain, southern Catalonia (multiple sites)	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0</a> GROC: <a href="http://www.opistobranquis.org/ca/guia/29">http://www.opistobranquis.org/ca/guia/29</a>
17	Spain, northern Catalonia (multiple sites)	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0</a> GROC: <a href="http://www.opistobranquis.org/ca/guia/29">http://www.opistobranquis.org/ca/guia/29</a>
18	Spain, northern Catalonia (multiple sites)	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0</a> GROC: <a href="http://www.opistobranquis.org/ca/guia/29">http://www.opistobranquis.org/ca/guia/29</a>
19	France, Banyuls-Cerbere	Poddubetskaia Ossokine: Sea Slug Forum <a href="http://www.seaslugforum.net/showall/caloeleg">www.seaslugforum.net/showall/caloeleg</a>
20	France, Côte d'Azur (multiple sites)	Doris ffessm <a href="http://doris.ffessm.fr/Especies/Caloria-elegans-Faceline-a-ponctuations-noires-304">http://doris.ffessm.fr/Especies/Caloria-elegans-Faceline-a-ponctuations-noires-304</a>
21	France, Corse, Galeria	Doris ffessm <a href="http://doris.ffessm.fr/Especies/Caloria-elegans-Faceline-a-ponctuations-noires-304">http://doris.ffessm.fr/Especies/Caloria-elegans-Faceline-a-ponctuations-noires-304</a>
22	France, Corse, Lavezzi	Present paper
23	Italy, Sardegna, Capo Figari	Present paper
24	Italy, Sardegna, MPA Tavolara	Trainito and Doneddu 2015
25	Italy, Isola d'Elba, Capoliveri	Koehler: <a href="http://www.medslugs.de">www.medslugs.de</a>
26	Italy, Isola delo Giglio	Velling: <a href="http://www.medslugs.de">www.medslugs.de</a>
27	Italy, MPA Tor Paterno	Present paper
28	Malta	Peels: Sea Slug Forum <a href="http://www.seaslugforum.net/showall/caloeleg">www.seaslugforum.net/showall/caloeleg</a>
29	Croatia, Dugi Otok Island	Prkić: OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0</a>
30	Croatia, Korčula Island	Prkić: OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/caloria-elegans/gsc.tab=0</a>
31	Italy, Puglia, Salento ionico	Valente: <a href="http://www.salentosommerso.it/pp_nudibranchia/Caloria%20elegans/pp_Caloria%20elegans.php">http://www.salentosommerso.it/pp_nudibranchia/Caloria%20elegans/pp_Caloria%20elegans.php</a>
32	Turkey, Bodrum	Goksel, Buykbaykal: <a href="http://www.seaslugforum.net/showall/caloeleg">www.seaslugforum.net/showall/caloeleg</a> Aytur: <a href="http://www.medslugs.de">www.medslugs.de</a>
33	Turkey, Datca	Jokes: <a href="http://www.seaslugforum.net/showall/caloeleg">www.seaslugforum.net/showall/caloeleg</a>
<i>Facelina quatrefagesi</i>		
a	Portugal	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/facelina-quatrefagesi/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/facelina-quatrefagesi/gsc.tab=0</a>
b	Portugal	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/facelina-quatrefagesi/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/facelina-quatrefagesi/gsc.tab=0</a>
c	Portugal	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/facelina-quatrefagesi/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/facelina-quatrefagesi/gsc.tab=0</a>
d	Spain, Illa Portixol	GROC: <a href="http://www.opistobranquis.org/ca/guia/182">http://www.opistobranquis.org/ca/guia/182</a>
e	Spain, Formentera	Gallucci: <a href="http://www.fotomunity.it/pc/pc/display/26250447">www.fotomunity.it/pc/pc/display/26250447</a>
f	Spain, Mallorca	Darder: <a href="http://www.medslugs.de">www.medslugs.de</a> ; GROC: <a href="http://www.opistobranquis.org/ca/guia/182">http://www.opistobranquis.org/ca/guia/182</a>
g	Spain, Mallorca	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/facelina-quatrefagesi/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/facelina-quatrefagesi/gsc.tab=0</a> GROC: <a href="http://www.opistobranquis.org/ca/guia/182">http://www.opistobranquis.org/ca/guia/182</a>
h	Spain, Tarragona	GROC: <a href="http://www.opistobranquis.org/ca/guia/182">http://www.opistobranquis.org/ca/guia/182</a>
i	Spain, Barcelona	GROC: <a href="http://www.opistobranquis.org/ca/guia/182">http://www.opistobranquis.org/ca/guia/182</a>
j	Spain, Catalonia	OPK: <a href="http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/facelina-quatrefagesi/gsc.tab=0">http://opistobranquis.info/en/guia/nudibranchia/dexiarchia/aeolidida/facelina-quatrefagesi/gsc.tab=0</a> GROC: <a href="http://www.opistobranquis.org/ca/guia/182">http://www.opistobranquis.org/ca/guia/182</a>
k	Spain, L'Escala	GROC: <a href="http://www.opistobranquis.org/ca/guia/182">http://www.opistobranquis.org/ca/guia/182</a>
l	France, Côte d'Azur	<a href="http://doris.ffessm.fr/Especies/Facelina-quatrefagesi-Faceline-de-Quatrefages-3991">http://doris.ffessm.fr/Especies/Facelina-quatrefagesi-Faceline-de-Quatrefages-3991</a>
m	Italy, Liguria, Finale Ligure	De Lorenzi: <a href="http://www.medslugs.de">www.medslugs.de</a>
n	Italy, Toscana, Livorno	Guerrieri: <a href="http://www.naturamediterraneo.com">www.naturamediterraneo.com</a> Paravella: <a href="http://www.flickr.com/photos/54558410@N06/7222888846/">http://www.flickr.com/photos/54558410@N06/7222888846/</a>
o	Italy, Sardegna, Capo Figari	Present paper
p	Italy, Sardegna, MPA Tavolara	Trainito and Doneddu 2015
q	Italy, Sardegna, Cagliari	Piras: <a href="http://www.malachia.it/forum/topic.asp?TOPIC_ID=659">www.malachia.it/forum/topic.asp?TOPIC_ID=659</a>
r	Italy, MPA Tor Paterno	Present paper
s	Italy, Campania, Bacoli	Villani: <a href="http://www.medslugs.de">www.medslugs.de</a>

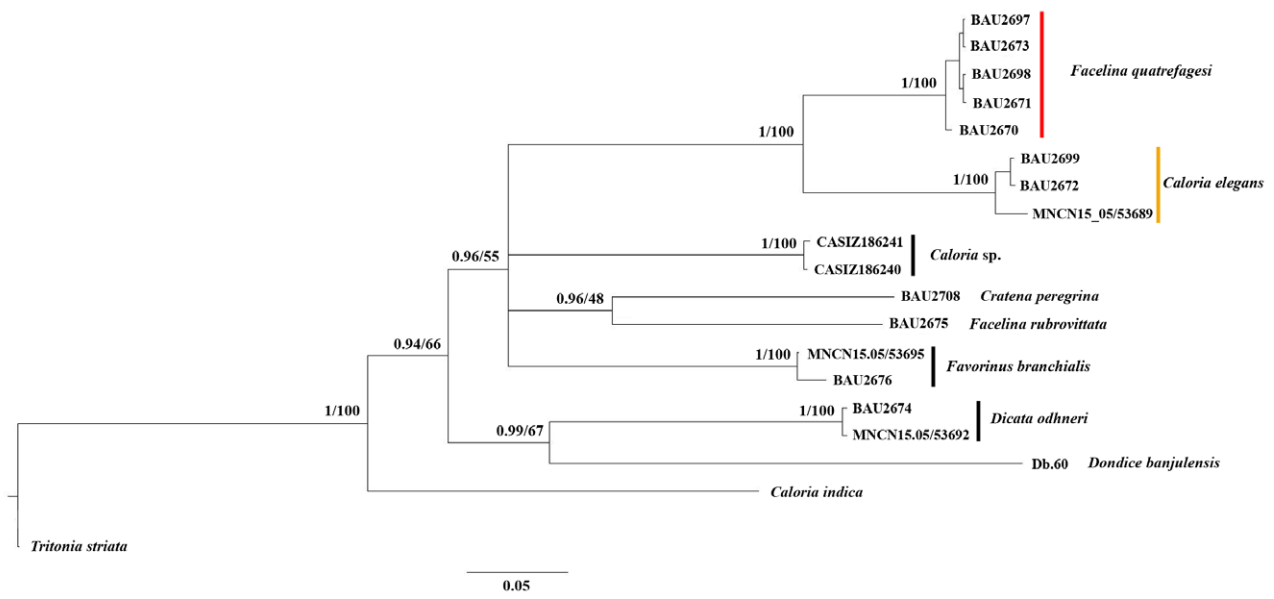


Fig. S1. – Phylogenetic relationships among facelinid species based on the Bayesian analysis of partitioned (16S+COI) mitochondrial dataset. Numbers at nodes are Bayesian posterior probability and ML bootstrap support, respectively.

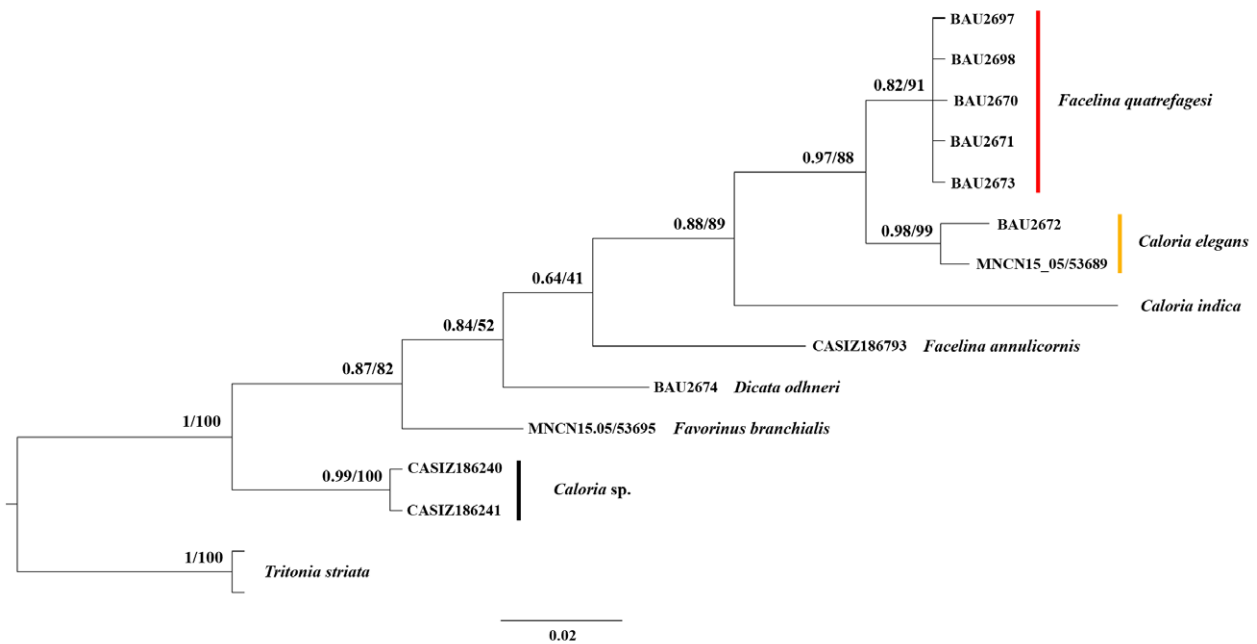


Fig. S2. – Phylogenetic relationships among facelinid species based on the Bayesian analysis of single nuclear gene dataset (H3). Numbers at nodes are Bayesian posterior probability and ML bootstrap support, respectively.