Supplementary material

News from the News from the Sea: a new genus and seven new species in the pleosporalean families Roussoellaceae and Thyridariaceae

Anna Poli [1], Elena Bovio [1], Valeria Prigione [1,*], Lucrezia Ranieri [1] and Giovanna Cristina Varese [1]

[1] Mycotheca Universitatis Taurinensis, Department of Life Sciences and Systems Biology, University of Torino, Viale Mattioli 25, 10125 Turin, Italy; anna.poli@unito.it (A.P.); elena.bovio@inrae.fr (E.B.); valeria.prigione@unito.it (V.P.); lucrezia.ranieri@edu.unito.it (L.R.); cristina.varese@unito.it (C.V.)

* Correspondence: valeria.prigione @unito.it; Tel.: +39-011-670-5964

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Table S1. The eight variable sites detected in nrITS region among *P. dematiacea* and the neighbor species

Position								
Species	**62**	**86**	**87**	**98**	**107**	**112**	**257**	**365**
P. dematiacea	**C**	**C**	**A**	**A**	**T**	**T**	**T**	**C**
C. goaensis	T	T	G	G	C	G	C	T
C. leucanae	T	T	G	G	C	G	C	T
L. muriformis	T	–	G	G	C	G	C	T
T. mahakoshae	T	T	G	G	C	G	C	T
T. mangrovei	T	T	G	G	C	C	C	T

Table S2. The single variable site detected in nrLSU region among *P. dematiacea* and the neighbor species

Position	
Species	**662**
P. dematiacea	**A**
C. goaensis	G
C. leucanae	G
L. muriformis	G
T. mahakoshae	G
T. mangrovei	G

Table S3. The five variable sites detected in nrITS region among *P. dematiacea* and the neighbor species

Position					
Species	**245**	**326**	**341**	**342**	**615**
P. dematiacea	**T**	**G**	**C**	**T**	**T**
C. goaensis	C	A	T	C	C
C. leucanae	C	A	T	C	C
L. muriformis	C	A	T	C	C
T. mahakoshae	C	A	T	C	C
T. mangrovei	C	A	T	C	C

Table S4. The six variable sites detected in the TEF1α partial gene among *P. dematiacea* and the neighbor species

	Position					
Species	**301**	**316**	**323**	**529**	**571**	**616**
P. dematiacea	**T**	**C**	**C**	**C**	**T**	**G**
C. goaensis	C	G	T	T	C	A
C. leucanae	C	G	T	T	C	A
L. muriformis	C	T	A	T	C	A
T. mahakoshae	C	G	A	T	C	A
T. mangrovei	C	T	A	T	C	A

Table S5. The six variable sites detected in nrITS region among *P. tyrrhenica, P. flabelliae* and their neighbor species

	Position					
Species	**60**	**163**	**164**	**419**	**458**	**473**
P. thyrrenica	**C**	**T**	**C**	**T**	**A**	**A**
P. flabelliae	**T**	**T**	**A**	**C**	**A**	**–**
P. percutanea	A	A	A	C	C	G
P. ramulicola	A	A	A	C	C	G
P. robiniae	A	A	A	C	C	G

Table S6. The eight variable sites detected in the nrLSU region among *P. tyrrhenica, P. flabelliae* and their neighbor species

	Position							
Species	**784**	**786**	**116**	**1118**	**1137**	**1190**	**1392**	**1478**
P. thyrrenica	**C**	**C**	**C**	**C**	**C**	**G**	**T**	**G**
P. flabelliae	**T**	**T**	**T**	**T**	**T**	**G**	**C**	**A**
P. percutanea	T	C	C	C	C	A	C	A
P. ramulicola	T	C	C	C	C	A	C	A
P. robiniae	T	C	C	C	C	A	C	A

Table S7. The six sites detected in the in the TEF1α partial gene among *P. tyrrhenica, P. flabelliae* and their neighbor species

	Position					
Species	781	**883**	**1009**	**1012**	**1126**	**1135**
P. thyrrenica	**T**	**C**	**T**	**C**	**T**	**C**
P. flabelliae	**T**	**T**	**C**	**T**	**C**	**T**
P. percutanea	C	C	C	C	C	T
P. ramulicola	C	C	C	C	C	T
P. robiniae	C	C	C	C	C	T

Table S8. The 33 variable sites detected in the in the RPB2 partial gene among *P. tyrrhenica*, *P. flabelliae* and their neighbor species

	Position																																	
Species	248	278	305	353	359	384	407	413	494	496	509	518	557	581	593	612	623	689	716	728	729	749	752	779	809	839	869	875	881	899	908	914	929
P. thyrrenica	**T**	**T**	**G**	**C**	**A**	**T**	**C**	**C**	**C**	**G**	**C**	**T**	**G**	**C**	**A**	**T**	**T**	**G**	**G**	**A**	**T**	**G**	**A**	**T**	**C**	**T**	**G**	**G**	**A**	**G**	**C**	**C**	**G**
P. flabelliae	**C**	**T**	**G**	**T**	**G**	**T**	**C**	**T**	**T**	**C**	**C**	**C**	**G**	**A**	**A**	**T**	**C**	**G**	**G**	**A**	**T**	**G**	**G**	**C**	**C**	**C**	**G**	**G**	**A**	**G**	**C**	**T**	**G**
P. percutanea	C	C	A	A	G	C	T	T	T	C	A	C	A	A	T	C	C	T	C	T	C	A	G	C	G	C	A	A	G	A	T	T	C
P. ramulicola	C	A	C	T	G	C	T	T	T	C	A	C	A	A	C	C	C	C	A	T	C	A	G	A	T	C	A	A	G	C	T	T	C
P. robiniae	C	A	A	T	G	C	T	T	T	C	T	C	A	A	G	C	C	C	A	T	C	A	G	A	A	C	A	A	G	A	A	T	C

Table S9. The two variable sites detected in nrITS region among *R. mediterranea, R. padinae,* and the neighbor species

Position		
Species	**54**	**155**
R. padinae	**A**	**T**
R. mediterranea	**A**	**T**
R. neopustulans	T	A
R. kunmingensis	C	A
R. chiangraina	T	G

Table S10. The single variable site detected in nrLSU region among *R. mediterranea, R. padinae,* and the neighbor species

Position	
Species	**58**
R. padinae	**T**
R. mediterranea	**T**
R. neopustulans	C
R. kunmingensis	C
R. chiangraina	C

Table S11. The six sites detected in the in the TEF1α partial gene among *R. mediterranea, R. padinae,* and the neighbor species

Position						
Species	**311**	**360**	**366**	**408**	**597**	**695**
R. padinae	**A**	**A**	**T**	**A**	**A**	**T**
R. mediterranea	**A**	**A**	**T**	**A**	**A**	**T**
R. neopustulans	C	G	G	G	T	C
R. kunmingensis	C	G	G	G	G	C
R. chiangraina	C	G	G	G	T	C

Table S12. The six sites detected in the in the RPB2 partial gene among among *R. mediterranea, R. padinae,* and the neighbor species

Position						
Species	**180**	**207**	**244**	**282**	**321**	**705**
R. padinae	**A**	**T**	**T**	**T**	**T**	**G**
R. mediterranea	**T**	**G**	**C**	**G**	**G**	**A**
R. neopustulans	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
R. kunmingensis	G	G	C	C	C	A
R. chiangraina	G	G	C	C	C	A

Table S13. The eight variable sites detected in the nrITS region among *N. lignicola* and the neighbor species

Position									
Species	**180**	**192**	**233**	**402**	**424**	**484**	**519**	**528**	**531**
N. lignicola	**T**	**C**	**C**	**C**	**A**	**C**	**A**	**T**	**G**
N. hevae	C	A	G	A	T	T	G	C	T
N. entadae	C	A	A	A	T	A	G	C	C
N. leucanae	C	A	A	A	T	A	G	C	C
N. solani	C	A	A	A	T	A	G	C	C
N. alishanense	C	A	T	A	T	T	G	C	A
N. bambusae	C	A	A	A	T	T	G	C	A

Table S14. The three variable sites detected in the nrLSU region among *N. lignicola* and the neighbor species

Species	**562**	**563**	**693**
N. lignicola	**T**	**C**	**C**
N. hevae	C	A	T
N. entadae	C	A	T
N. leucanae	C	A	T
N. solani	C	A	T
N. alishanense	C	A	T
N. bambusae	C	A	T

Table S15. The eight variable sites detected in the nrSSU region among *N. lignicola* and the neighbor species

Position								
Species	**520**	**522**	**526**	**527**	**528**	**530**	**531**	**537**
N. lignicola	**T**	**A**	**C**	**A**	**G**	**G**	**A**	**G**
N. hevae	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
N. entadae	A	C	G	G	T	A	T	A
N. leucanae	A	C	G	G	T	A	T	A
N. solani	A	C	G	G	T	A	T	A
N. alishanense	A	C	G	G	T	A	T	A
N. bambusae	A	C	G	G	T	A	T	A

Table S16. The ten sites detected in the in the TEF1α partial gene among *N. lignicola* and the neighbor species

Position										
Species	**423**	**487**	**492**	**496**	**552**	**684**	**705**	**835**	**836**	**837**
N. lignicola	**C**	**T**	**C**	**A**	**T**	**T**	**C**	**G**	**C**	**A**
N. hevae	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
N. entadae	T	G	T	G	C	C	T	A	G	C
N. leucanae	T	G	T	G	C	C	T	A	G	C
N. solani	T	G	T	G	C	C	T	A	G	C
N. alishanense	T	G	T	G	C	C	T	A	G	C
N. bambusae	T	G	T	G	C	C	T	A	G	C

Table 17. The three variable sites detected in nrITS region among *R. margidoriensis* and the neighbor species

Position			
Species	**401**	**406**	**481**
R. margidorensis	**T**	**T**	**T**
R. tubercolata	C	A	G
R. thailandica	C	A	A
R. pseudohysterioides	A	G	G
R. nitidula	A	G	A

Table S18. The 29 variable sites detected in the in the TEF1α partial gene among *P. tyrrhenica, P. flabelliae* and their neighbor species

	Position																												
Species	**124**	**139**	**145**	**155**	**163**	**211**	**271**	**275**	**295**	**305**	**316**	**317**	**3892**	**412**	**427**	**506**	**508**	**511**	**613**	**643**	**685**	**733**	**745**	**754**	**760**	**766**	**767**	**769**	**781**
R. margidorensis	**T**	**T**	**T**	**C**	**T**	**T**	**G**	**A**	**G**	**A**	**C**	**G**	**T**	**T**	**C**	**T**	**T**	**C**	**T**	**G**	**T**	**T**	**T**	**C**	**A**	**T**	**T**	**A**	**A**
R. tubercolata	C	C	C	A	C	C	C	T	T	C	A	T	C	C	T	G	C	T	C	A	C	C	C	T	T	C	C	C	G
R. thailandica	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
R. pseudohysterioides	C	C	C	A	C	G	C	T	T	C	A	T	C	C	T	G	C	T	C	A	C	C	C	T	T	C	C	C	T
R. nitidula	C	C	C	A	C	C	C	T	T	C	A	T	C	C	T	G	C	T	C	A	C	C	C	T	T	C	C	C	T