

Supplementary Table S1. Synopsis of morphological characteristics of *Ap. marina* and its closely related species.

Characters	<i>Apiospora</i> species				
	<i>A. acutiapicula</i>	<i>Ap. marina</i>	<i>Ap. paraphaeospora</i>	<i>Ap. pseudorasikravindrae</i>	<i>Ap. rasikravindrae</i>
Host/substrate	<i>Bambusa bambos</i> /dead twigs	Seaweed	<i>Bambusa</i> sp./culms	<i>Bambusa dolichoclada</i> /sheath	Soil, <i>Coffea arabica</i> /leaf, <i>Pinus thunbergii</i> /wood, marine submerged wood, <i>Oryza granulata</i> /leaf
Conidiomata	350–450 mm, pycnidial, immersed, aggregated, scattered, subglobose, ostiolate, black, coriaceous	NA	NA	NA	NA
Conidiophores	Reduced to conidiogenous cells	NA	Reduced to conidiogenous cells	Basauxic, straight or flexuous, cylindrical, hyaline, thick, smooth-walled, aseptate, 10–15 × 3–7 mm (\bar{x} = 12.3 × 5.2 µm)	Arising from swollen basal cells, micro-semi-macronematous, mononematous, straight or flexuous, unbranched, septate, smooth, thin-walled, hyaline to subhyaline, 5–90 × 1–1.5 µm
Conidiogenous cell	Erect, basauxic, cylindrical to ampulliform, apex pointed and hyaline, smooth and thick-	Aggregated in clusters on hyphae or solitary, hyaline, erect, ampulliform	Basauxic, aggregated in clusters on hyphae, hyaline, smooth, elongated, conical to ampulliform, 25–30 × 4–6	Holoblastic, ampulliform, cylindrical or doliiform, hyaline to olivaceous, 4–10 × 1.2–5 µm (\bar{x} = 8.6 × 4.2 µm)	NA

		walled, pale brown, 4–7 × 2–3 µm	µm (\bar{x} = 27 × 4.7 µm)		
Conidia	Globose in face view, subglobose to oval in the side view, brown to dark brown, smooth, apex and base blunted, dark equatorial slit, 7.5–10 × 8.5–12 µm	Brown, smooth to granular, globose to elongate ellipsoid, (9.5–)10– 12 (– 13) × (7.5–)8.0– 10 µm	Brown, smooth, somewhat granular, globose to ellipsoid in face view, with a median scar, lenticular in side view, with pale equatorial slit, 10–19 µm diam., (\bar{x} = 13 µm)	Globose in face view, lenticular in side view, with a pale longitudinal slit, dark brown, thick-walled, finely roughened with one or two concentric pale rings, 5–10 × 5.5– 11 µm (\bar{x} = 9.3 × 10.1 µm)	Arising acropleurogno usly, dimorphous, lenticular, ovoid in face view, 10–15 × 6.0–10.5 µm; elongate to clavate conidia, 15–25 × 7.5–10 µm, smooth, double walled, brown to pale olivaceous with prominent truncate base and equatorial germ slit
Sterile cells	NA	NA	Forming on solitary loci on hyphae, brown, finely roughened, ellipsoid to clavate, 20–30 × 9–13 µm (\bar{x} = 24 × 11 µm)	NA	NA
Reference	[28]	[52]	[52]	[28]	[60]

NA: not determined.

Supplementary Table S2. Morphospecies of *Apiospora*.

Taxa	Strain Numbers	Substrates	Known lifestyle	Sexual/ Asexual morph	Countries
<i>Apiospora aberrans</i>	-	On dead Bambusoideae (<i>Bambusa blumeana</i>)	Saprobe	Sexual	Philippines
<i>Apiospora buddlejae</i>	-	On branches of <i>Buddleja</i>	Saprobe	-	Portugal
<i>Apiospora camarae</i>	-	On twigs of <i>Osyris alba</i>	Saprobe	-	Portugal

<i>Apiospora camptospora</i>	Penzig 522	Dead leaves of <i>Saccharum officinarum</i>	Saprobe	Sexual	Jawa
<i>Apiospora carpineae</i>	-	-	Saprobe	Sexual	-
<i>Apiospora chilensis</i>	-	On stems of <i>Chusquea cumingii</i>	Saprobe	Sexual	Biobío, Los Lagos and Valparaíso
<i>Apiospora comedens</i>	-	On dead leaves	Saprobe	Sexual	Surinam
<i>Apiospora curvispora</i>	Balansa 3823	On rotten culms of Bambusaceae	Saprobe	Sexual	Paraguay
<i>Apiospora deschampsiae</i>	-	On leaf of <i>Deschampsia cespitosa</i>	Saprobe	Sexual	Switzerland
<i>Apiospora imperatae</i>	-	On <i>Imperata cylindrica</i>	Saprobe	Sexual	Philippines
<i>Apiospora indica</i>	Holotype HCIO 1229	On <i>Bambusa</i>	Saprobe	Sexual	Kerala
<i>Apiospora inserta</i>	-	On dead stems of arundinaceous plant	Saprobe	Sexual	Suriname
<i>Apiospora liliacearum</i>	-	On withered shoots of <i>Geitonoplesium cymosum</i> and <i>Smilax australis</i>	Saprobe	Sexual/Asexual	New South Wales
<i>Apiospora lonicerae</i>	-	On <i>Lonicera maximowiczii</i> and <i>Lonicera coerulea</i>	-	-	former Soviet Union
<i>Apiospora luzonensis</i>	Merrill 3533	On dead culms of <i>Bambusa</i>	-	-	Philippines
<i>Apiospora montagnei</i>	-	On stems of <i>Arundinaria mauritanica</i>	Saprobe/endophyte	Sexual/Asexual	Algeria, France
<i>Apiospora muroiana</i>	-	On dead culms of <i>Phyllostachys bambusoides</i>	-	-	Japan
<i>Apiospora myrticola</i>	-	On branches of Myrtaceae	Saprobe	Sexual	São Paulo
<i>Apiospora pachyspora</i>	-	On living leaves of <i>Micania</i>	Saprobe	Sexual	Brazil
<i>Apiospora parallela</i>	-	In clum of <i>Calamagrostidis aridis</i>	Saprobe	Sexual	southern Finland
<i>Apiospora petiolicola</i>	-	On <i>Tilia</i>	Pathogen	Sexual	Germany
<i>Apiospora phomatopsis</i>	-	On rotten culms of <i>Zea mays</i>	Saprobe	Sexual	Buenos Aires
<i>Apiospora phyllostachydicola</i>	-	On dead culms of <i>Phyllostachys bambusoides</i>	Saprobe	None	Japan
<i>Apiospora platensis</i>	-	On rotten culms of <i>Pennisetum tristachyum</i>	Saprobe	Sexual	Buenos Aires
<i>Apiospora punctum</i>	-	On rotten leaves of <i>Molinia</i> and of <i>Dactylon</i>	Saprobe	Sexual	Italy
<i>Apiospora rhododendri</i>	03-1892	On dead branch of <i>Rhododendron</i>	Saprobe	Sexual	Netherlands
<i>Apiospora rhodophila</i>	-	On branches of <i>Rosa alpina</i>	Saprobe	Sexual	Italy
<i>Apiospora rosae</i>	-	<i>Rosa canina</i>	Saprobe	Sexual	Putten
<i>Apiospora rosenvingei</i>	-	On stem of <i>Betulae glandulosae</i>	Saprobe	Sexual	Narsak
<i>Apiospora rottboelliae</i>	Baker 917	On dead culms of <i>Rottboellia exaltata</i>	Saprobe	Sexual	Philippines
<i>Apiospora rubi-fruticosi</i>	-	On sarmens of <i>Rubus fruticosus</i>	Saprobe	Sexual	Italy

<i>Apiospora rubi-ulmifolii</i>	-	On twigs of <i>Rubus ulmifolius</i>	-	-	Morocco
<i>Apiospora shiraiana</i>	-	On culms of <i>Bambusa</i> sp.	-	-	Honshu
<i>Apiospora siamicola</i>	-	-	-	-	-
<i>Apiospora sparsa</i>	Baker 105	On dead culms of Poaceae	Saprobe	Sexual	Colombia
<i>Apiospora sphaerosperma</i>	-	-	-	-	-
<i>Apiospora spinulosa</i>	-	On dead <i>Panicum</i> sp. in culm <i>Andropogonis</i> , <i>Phragmitis</i> , <i>Bambuseprope</i>	Saprobe	Sexual	Hawaiian Is
<i>Apiospora striola</i>	-	<i>Parma</i>	Saprobe	Sexual	Italy
<i>Apiospora tintinnabula</i>	PDD 41022	On dead culms of <i>Bambusa</i>	Saprobe	Sexual/Asexual	New Zealand
<i>Apiospora urticae</i>	-	On dry stems of <i>Urtica</i>	Saprobe	Sexual	Germany
<i>Apiospora yerbae</i>	-	On dead branches	Saprobe	Sexual	Misiones

Notes: "-" = information not available.