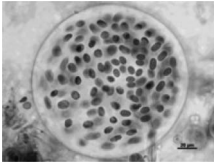
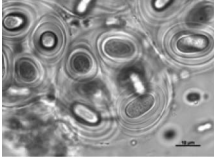
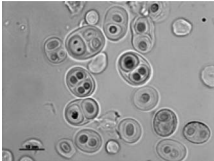
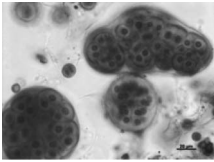
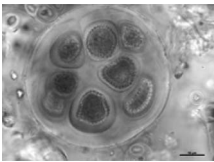
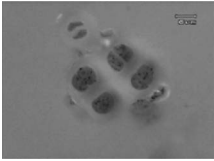
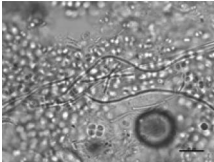
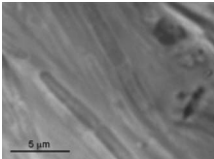


SUPPLEMENTARY MATERIAL

Table 2. Species identified in sampling sites at El Palacio (Palenque).

Taxa	Size	Location	Figure
Cyanobacteria			
Chroococcales			
Synechococcaceae			
Aphanotheceoidae			
<i>Aphanothece castagnei</i> (Brébisson) Rabenhorst	Cells 4.1-(5.3)–6.6 μm wide and 2.6-(4.9)–7.2 μm long	I III IV	
<i>Gloeothece cf. palea</i> (Kütz.) Rabenhorst	Cells 2.3-(2.4)–2.6 μm wide, 4.6-(7.9)–11.2 μm with sheath and 2.6- (4.9)–7.26 long, 6.6-(9.2)–11.8 μm with sheath.	I II III IV	
Microcystaceae			
<i>Gloeocapsa calcicola</i> Gardner	Cells 2.6-(3.3)–4.2 μm wide and 9.2-(13.8)–18.5 μm with sheath	I II III IV	
<i>Gloeocapsa quaternata</i> Kützing	Cells 2.3-(2.9)–3.5 μm wide and 3.2-(5.3)–7.5 μm long. With sheath 5- (5.7)–6.5 μm wide and 6-(7.2)–8.5 μm long	I II III IV	
Chroococcaceae			
<i>Asterocapsa divina</i> Komárek	Colonies 13.3-(63.9)–114.5 μm wide. Cells 6.6-(9.9)–13.3 μm wide and 9.9- (12.4)–14.9 μm long. Cells with sheath 9.9-(25.7)–41.5 μm wide	II III IV	
<i>Chroococcus cf. schizodermaticus</i> W. et G.S. West	Colonies de 7-(13.5)–20 μm wide. Cells 4- (8.5)–13 μm wide and 5-(10.5)–16 μm long	I IV	
Oscillatoriales			
Pseudoanabaenaceae			
Leptolyngbyoideae			
<i>Leptolyngbya cf. compacta</i> (Kützing ex Hansgirg) Komárek et Anagnostidis	Filament diameter. Trichomes 1.3-(1.6)–2 μm wide and cells 1.9-(2.6)–3.3 μm long, sheath 1.5-(1.7)–2 μm thick	I IV	
Schizotrichaceae			
<i>Schizothrix bosniaca</i> (Hansgirg) Geitler	Trichomes 2.4-(4.1)–5.7 μm wide, cells 3.7- (7.3)–11 μm long	I IV	

(continued)

SUPPLEMENTARY MATERIAL

Table 2. (Continued).

Taxa	Size	Location	Figure
Nostocales			
Scytonemataceae			
<i>Scytonema guyanense</i> (Mont.) Bornet et Flahaut	Cells 4.9-(9.5)–14.1 μm wide and 3.4–14.9 μm long. Heterocysts 3.4- (9.2)–14.9 μm wide and 5.5-(10.8)–16.1 μm long. Sheath 8.3-(10.5)–12.7 μm	I IV	
Nostocaceae			
<i>Nostoc commune</i> Vaucher ex Bornet et Flahaut	Cells 5.8-(6.6)–7.4 μm wide and 4.9-(7.4)–9.9 μm long. Heterocysts 6.6- (7.4)–8.3 μm wide and 7.4-(7.8)–8.3 μm long	I IV	
Chlorophyta			
Trentepohliophyceae			
Trentepohliales			
<i>Trentepohlia aurea</i> (Linn) Martius	Young cells: 3.9-(16.7)–29.5 μm wide and 3.9-(13.6)–23.2 μm long. Mature cells: 9.9-(18.2)–26.5 μm wide and 18.2- (35.2)–52.1 μm long. Sporangia: 15.8- (22.1)–28.2 μm wide and 17.8- (25.5)–33.2 μm long	III IV	