

Quebrangulo and Chã Preta municipalities, State of Alagoas, Brazil

Microfungi from the Reserva Biológica de Pedra Talhada

Ana Carla da Silva Santos, Angelina de Meiras-Otoni, Anthony Dias Cavalcanti, André Luiz C. M. de A. Santiago, Bruna Leticia C. de Melo Silva, Cristina M. Souza-Motta, Elaine Malosso, Jadson D. P. Bezerra, Joana Suassuna da Nóbrega Veras, Layanne de Oliveira Ferro, Leonor Costa Maia, Leslie Waren Silva de Freitas, Tatiana Baptista Gibertoni, Wanderson Luiz Tavares

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Photos: Assis, D.M.A., Cavalcanti, A. D., Escobar, I.E.C., Freitas, L. W. S., Ferro, L. O., Marinho, F., Pereira, C.M.R., Pontes, J.S. Produced by Angelina de Meiras-Otoni and Bruna Leticia Campos de Melo Silva, and research support from FACEPE and CNPq.



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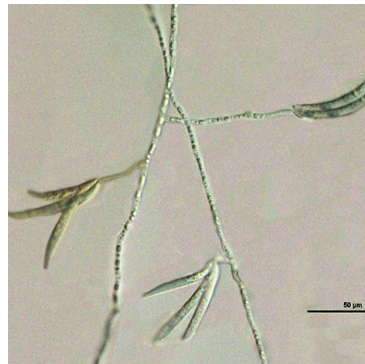
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The Pedra Talhada Biological Reserve covers an area of 4,469 hectares of Atlantic Rain Forest in the municipalities of Quebrangulo and Chã Preta, in the state of Alagoas, and Lagoa do Ouro and Correntes, in the state of Pernambuco (36°22' a 36°28' W, 9°11' a 9°16' S), Northeast Region of Brazil. The Reserve located in a transition area between the Seasonal Forest and the Caatinga phytophysionomies and represents enclaves of humid forests surrounded by dry forests. The local climate is marked by two characteristic seasons, a dry season from September to February and a rainy season from March to August (ICMBio, 2017).



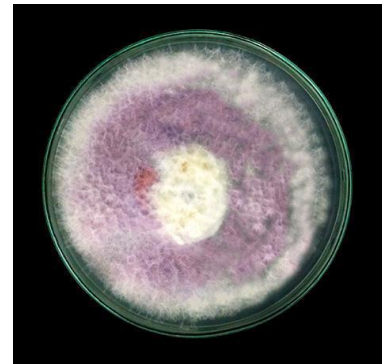
1 *Fusarium massalimae*
(Ascomycota), colony on potato
dextrose agar (PDA)



2 *Fusarium massalimae*
(Ascomycota), conidiophores
and conidia



3 *Fusarium massalimae*
(Ascomycota), conidia



4 *Fusarium pseudocircinatum*
(Ascomycota), colony on potato
dextrose agar (PDA)

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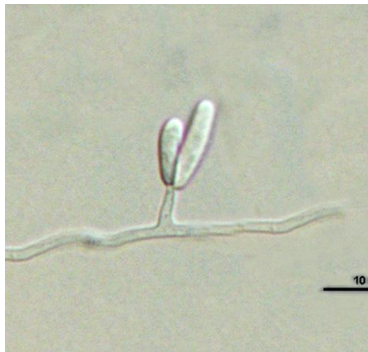
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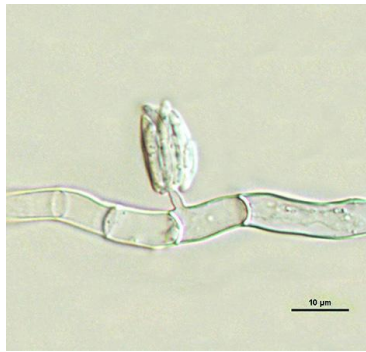
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5 *Fusarium pseudocircinatum* (Ascomycota), conidiophore and conidia



6 *Fusarium pseudocircinatum* (Ascomycota), conidiophore and conidia



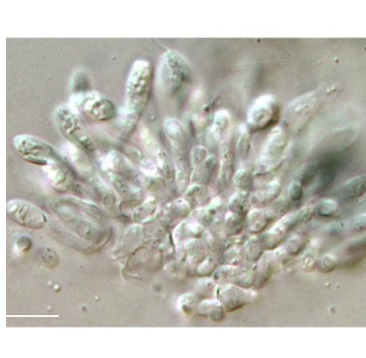
7 *Fusarium pseudocircinatum* (Ascomycota), conidia



8 *Penicillium alagoense* (Ascomycota), conidiophores and conidia



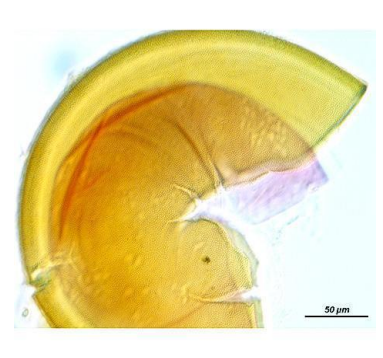
9 *Penicillium alagoense* (Ascomycota), conidiophores and conidia



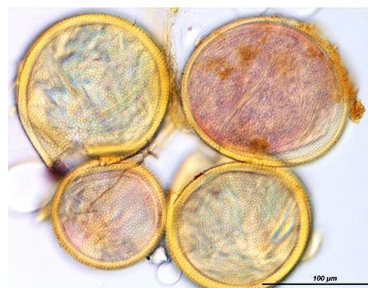
10 *Phyllosticta capitalensis* (Ascomycota), conidiogenous cells and conidia



11 *Phyllosticta capitalensis* (Ascomycota), conidia



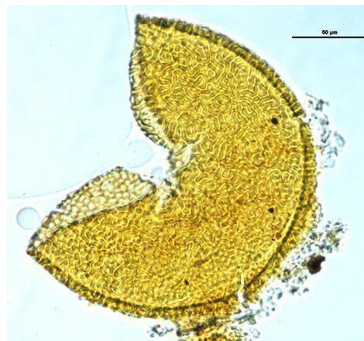
12 *Acaulospora spinosa* (Glomeromycota), glomerospore



13 *Acaulospora scrobiculata* (Glomeromycota), glomerospores



14 *Acaulospora foveata* (Glomeromycota), glomerospore



15 *Acaulospora rehmi* (Glomeromycota), glomerospore



16 *Acaulospora tuberculata* (Glomeromycota), glomerospore

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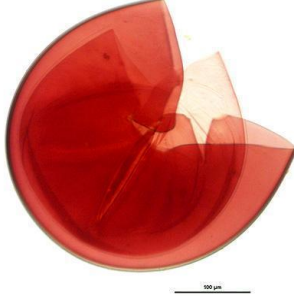

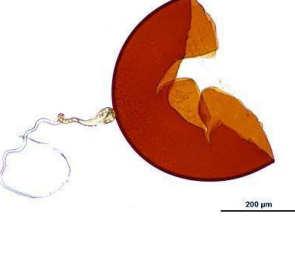
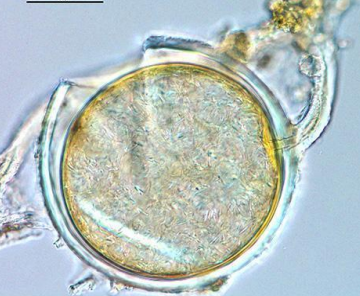



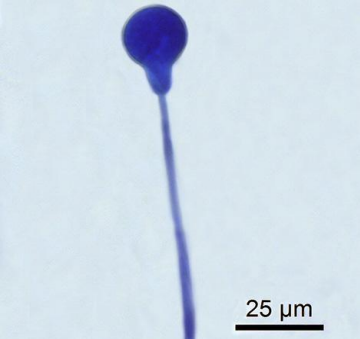
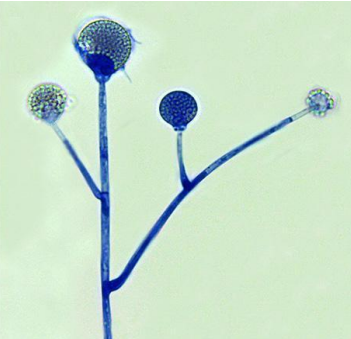


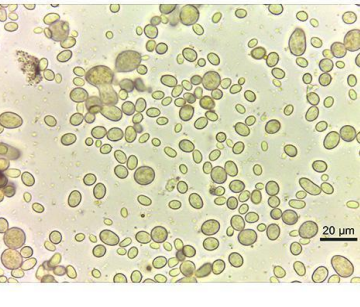
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<p>17 <i>Cetraspora pellucida</i> (Glomeromycota), glomerospore</p>	<p>18 <i>Gigaspora decipiens</i> (Glomeromycota), glomerospore</p>	<p>19 <i>Gigaspora gigantea</i> (Glomeromycota), glomerospore</p>	<p>20 <i>Rhizoglossus clarum</i> (Glomeromycota), glomerospore</p>
			
<p>21 <i>Rhizoglossus clarum</i> (Glomeromycota), glomerospore</p>	<p>22 <i>Sclerocystis sinuosa</i> (Glomeromycota), glomerospores</p>	<p>23 <i>Sclerocystis sinuosa</i> (Glomeromycota), glomerospores</p>	<p>24 <i>Gongronella pedratalhadensis</i> (Mucoromycota), unbranched sporangiophore with apophysate sporangium</p>
			
<p>25 <i>Gongronella pedratalhadensis</i> (Mucoromycota), branched sporangiophore with sporangia</p>	<p>26 <i>Mucor inaequisporus</i> (Mucoromycota), unbranched sporangiophore and columella</p>	<p>27 <i>Mucor inaequisporus</i> (Mucoromycota), unbranched sporangiophore with sporangium</p>	<p>28 <i>Mucor inaequisporus</i> (Mucoromycota), sporangiospores</p>

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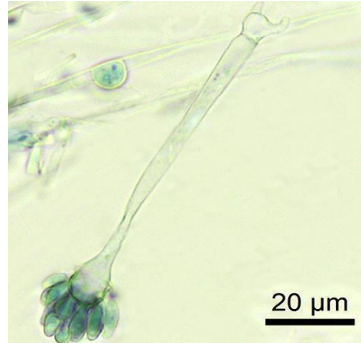
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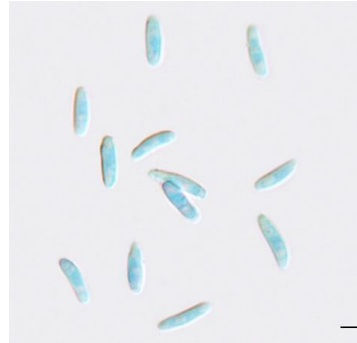
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29 *Mucor inaequisporus*
(Mucoromycota), unbranched
sporangiophore and columella



30 *Synccephalis alagoensis*
(Zoopagomycota),
merosporangiophore with
merosporangia and merospores



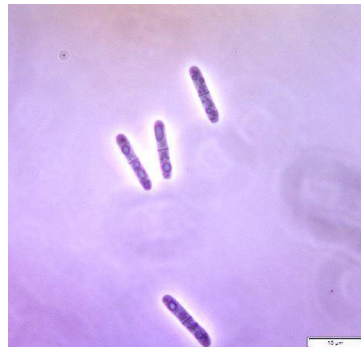
31 *Synccephalis alagoensis*
(Zoopagomycota), merospores



32 *Beltrania rhombica*
(Ascomycota), conidium



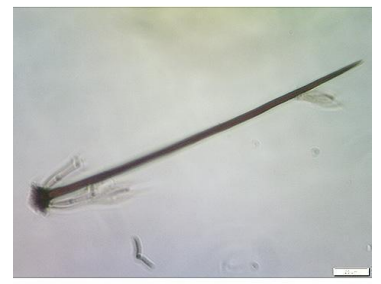
33 *Ampullicephala setiformis*
(Ascomycota), conidiophore
and conidia



34 *Ampullicephala setiformis*
(Ascomycota), conidia



35 *Ampullicephala setiformis*
(Ascomycota), seta,
conidiophore



36 *Beltrania rhombica*
(Ascomycota), seta,
conidiogenous cells



37 *Beltraniella portoricensis*
(Ascomycota), seta,
conidiogenous cells



38 *Beltraniella portoricensis*
(Ascomycota), conidium



39 *Chaetopsina fulva*
(Ascomycota), conidiophores
setiform and conidia



40 *Chaetopsina fulva*
(Ascomycota), conidiogenous
cells and conidia

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41 *Circinotrichum falcatisporum* (Ascomycota), seta



42 *Circinotrichum falcatisporum* (Ascomycota), conidiogenous cell



43 *Circinotrichum maculiforme* (Ascomycota), conidia



44 *Circinotrichum maculiforme* (Ascomycota), seta



45 *Cryptophiale kakombensis* (Ascomycota), conidiophore setiform



46 *Cryptophiale kakombensis* (Ascomycota), conidiogenous cells (phialides)



47 *Cryptophiale udagawae* (Ascomycota), conidiophore and conidiogenous cells



48 *Rhinocladiella selenoides* (Ascomycota), conidium



49 *Speiropsis scopiformis* (Ascomycota), conidiophore and conidia