

# Ferramentas de espículas no ProjES

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## *Anheteromeyenia vitrea* (Porifera: Demospongiae) new species of continental sponge in Brazil

### *Anheteromeyenia vitrea* (Porifera: Demospongiae) nova espécie de esponja continental no Brasil

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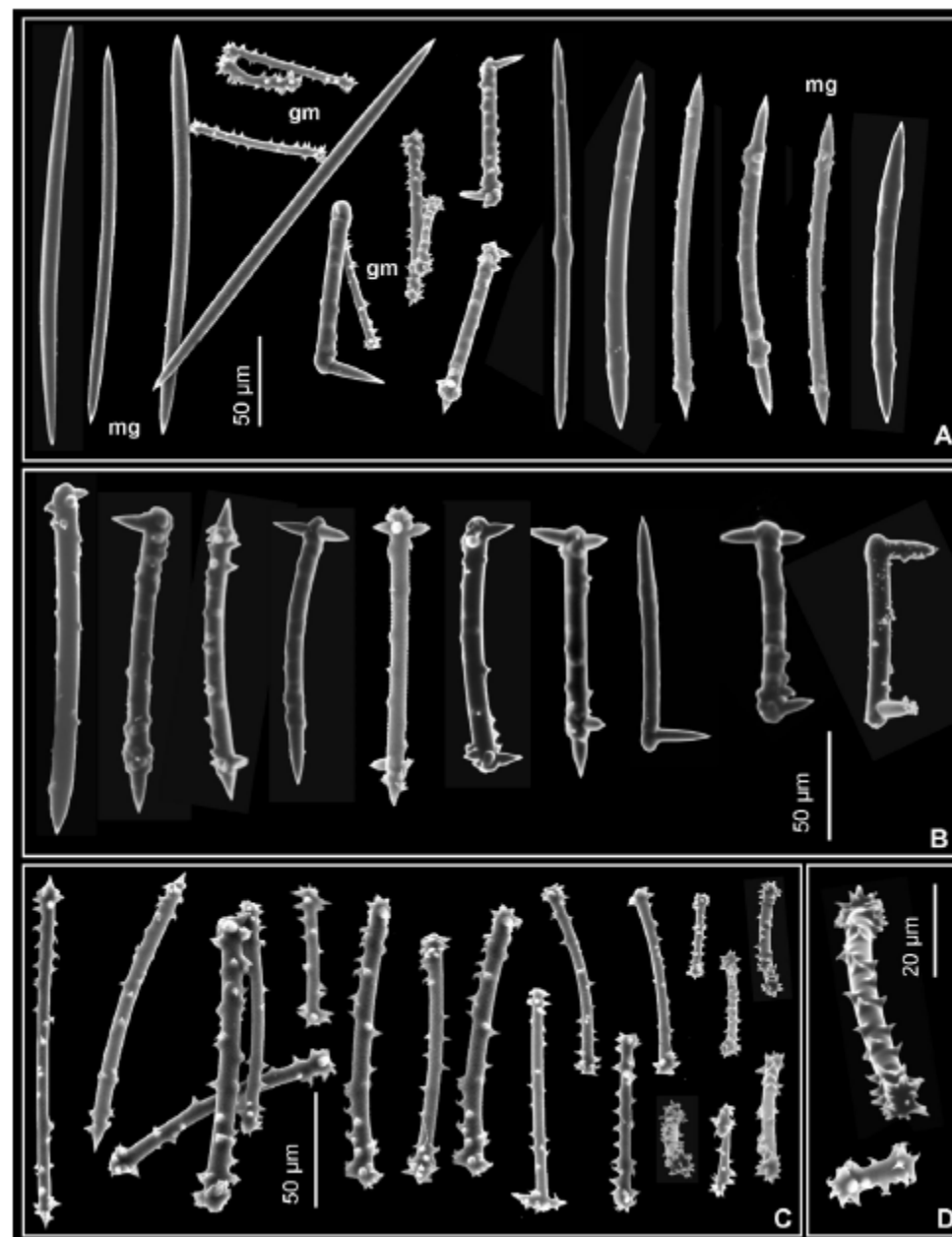
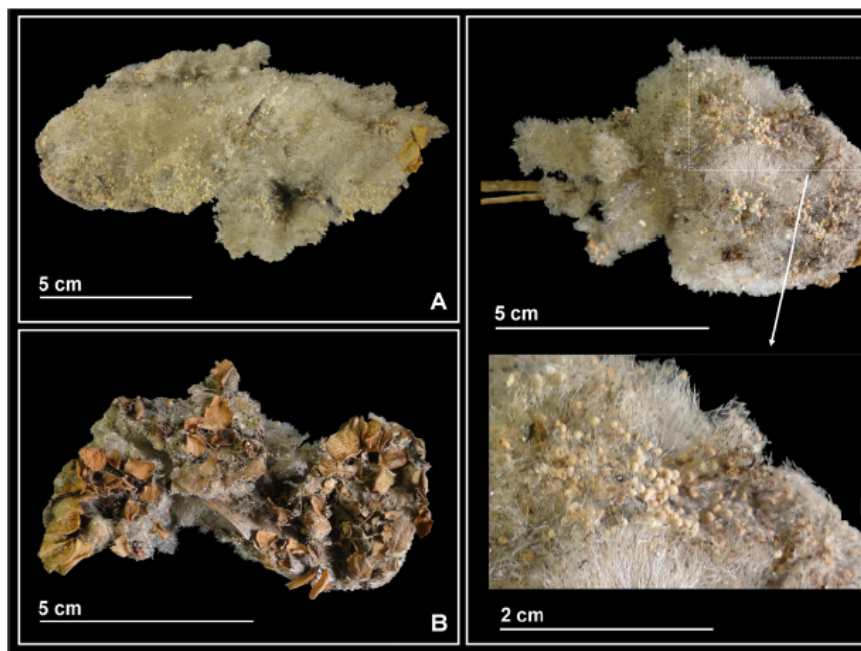
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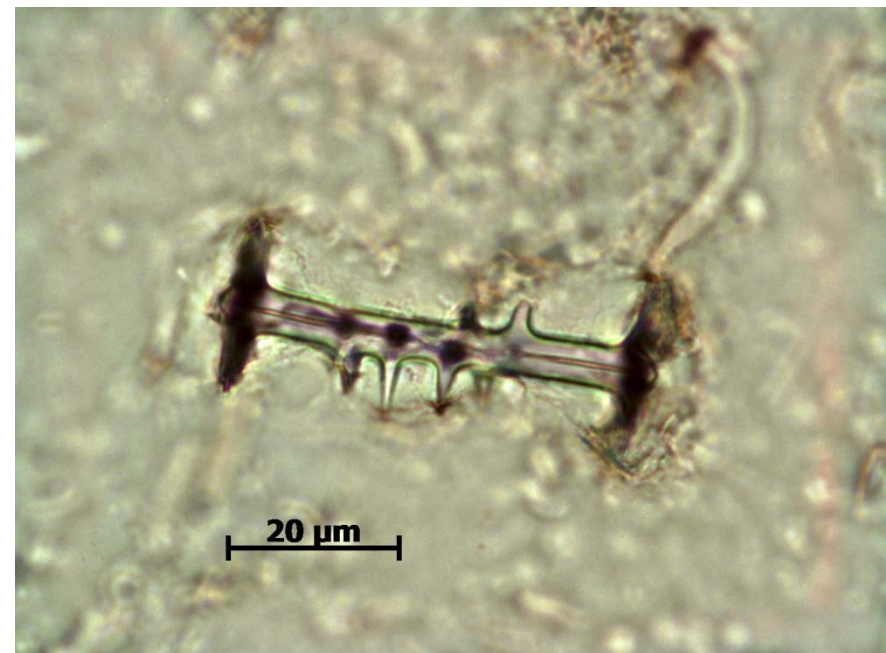
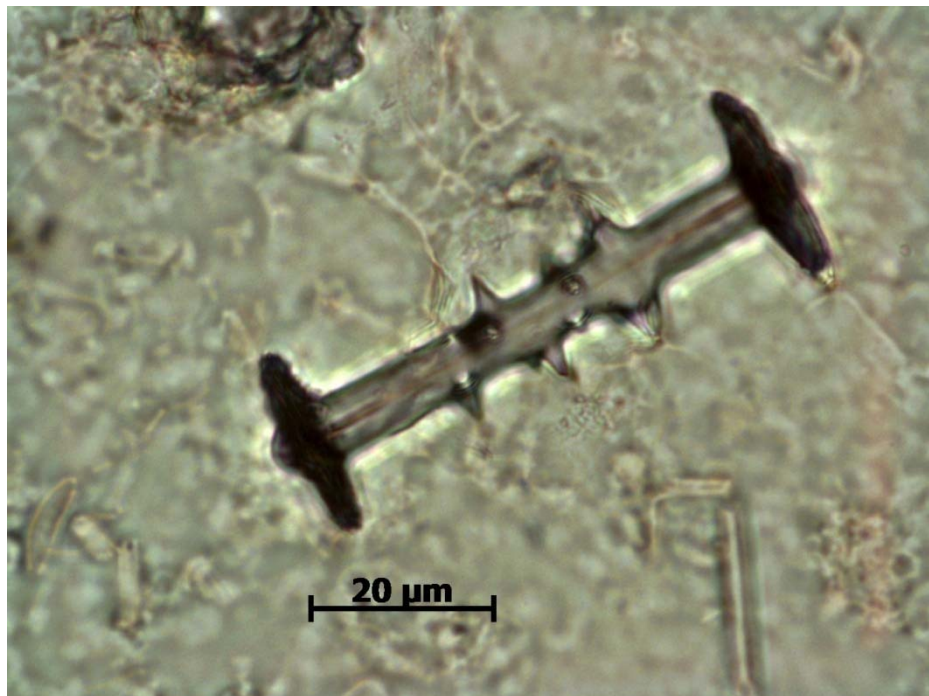
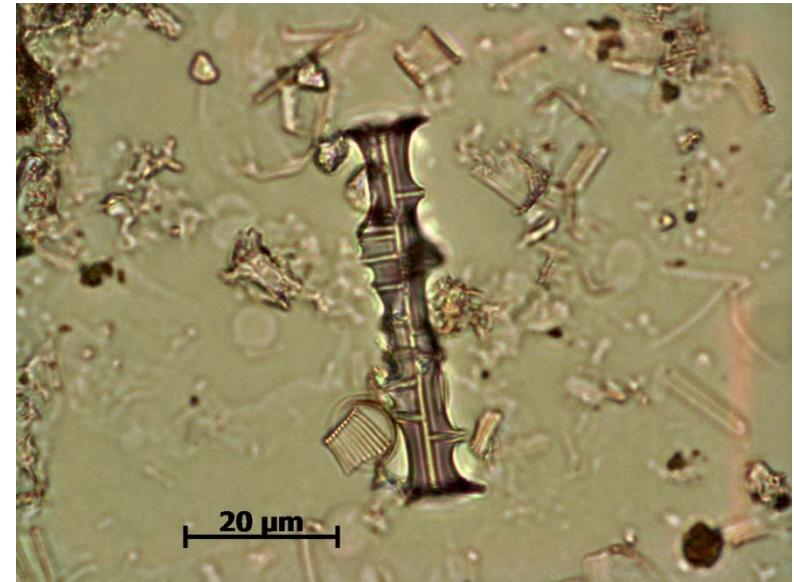
Vanessa de Souza Machado<sup>3</sup>  
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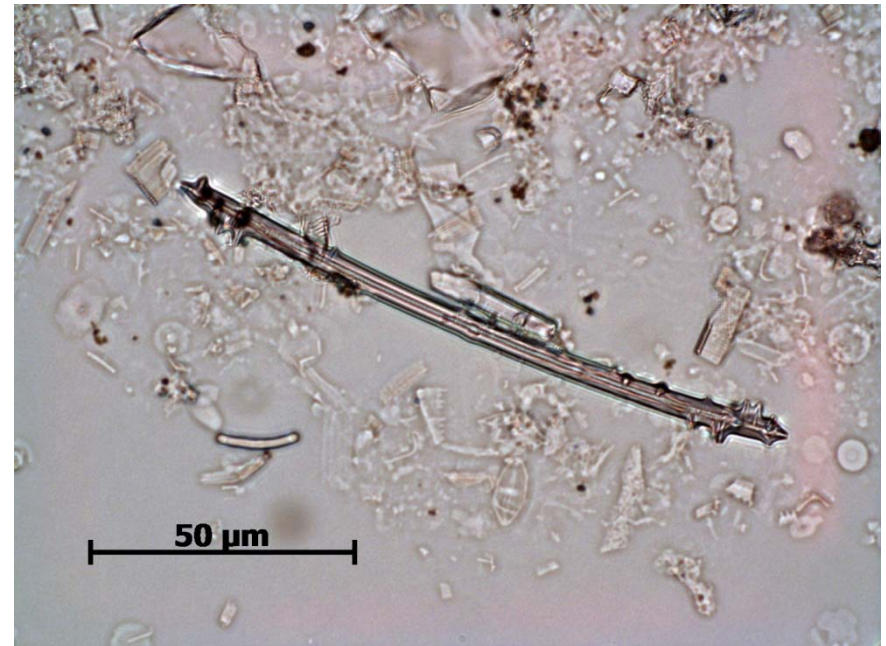
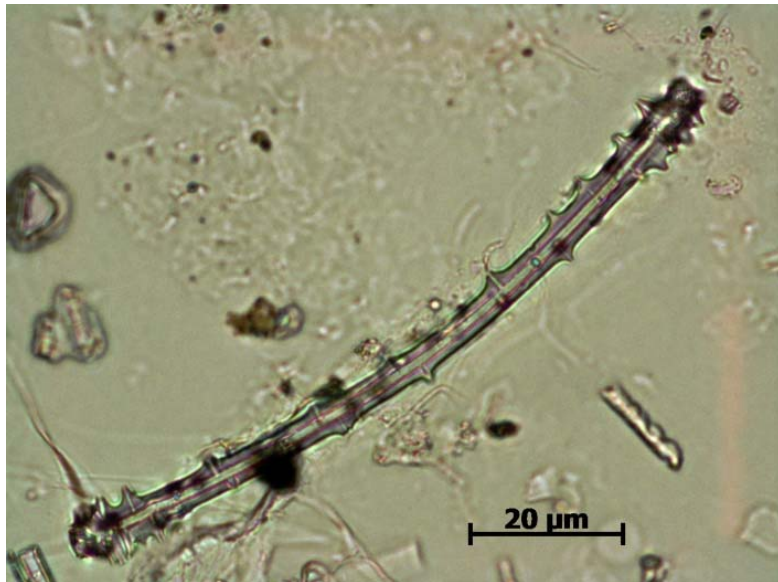
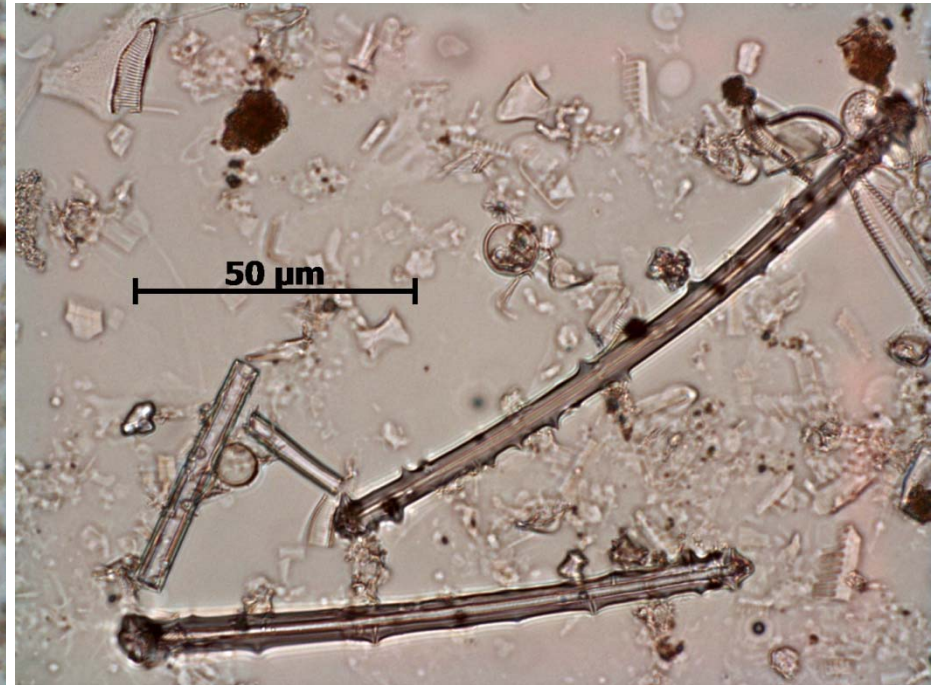
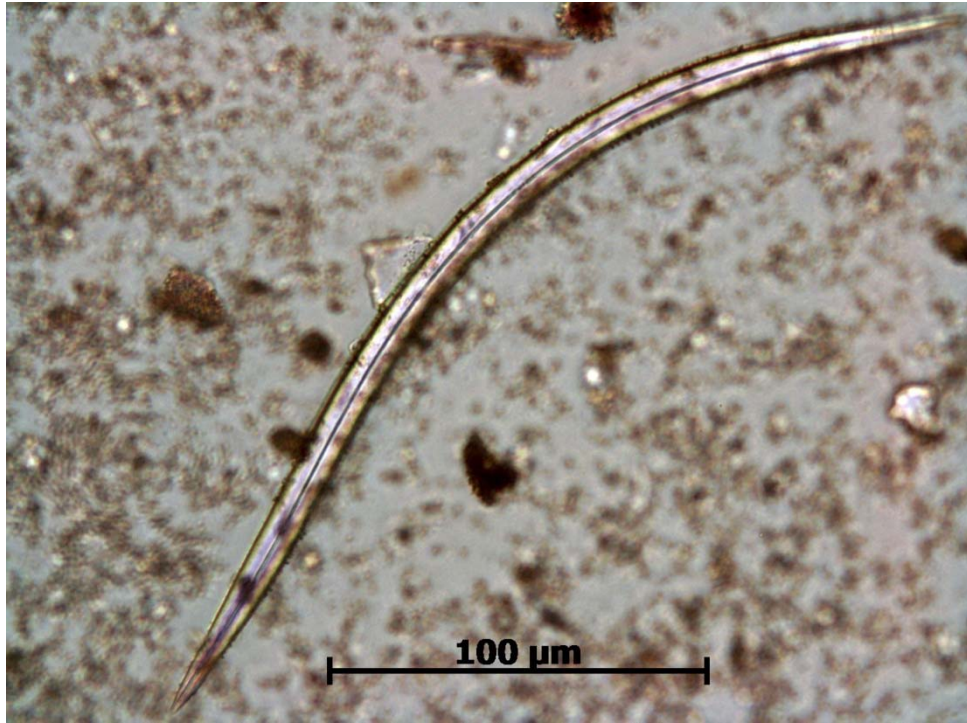
## Abstract

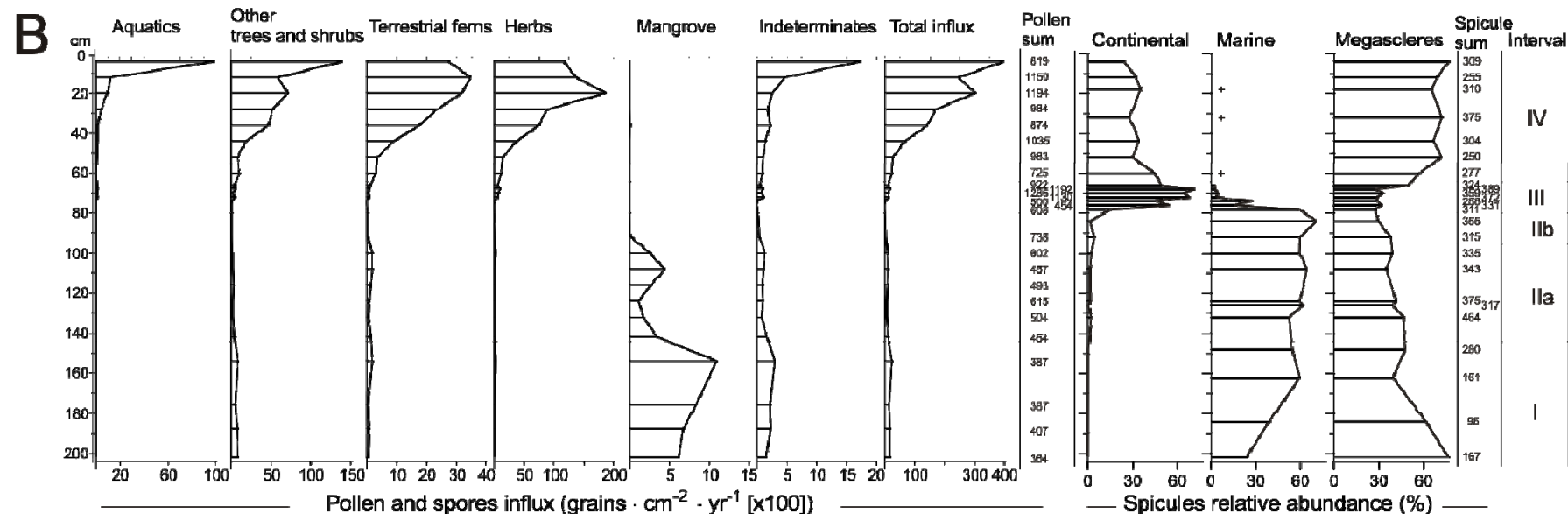
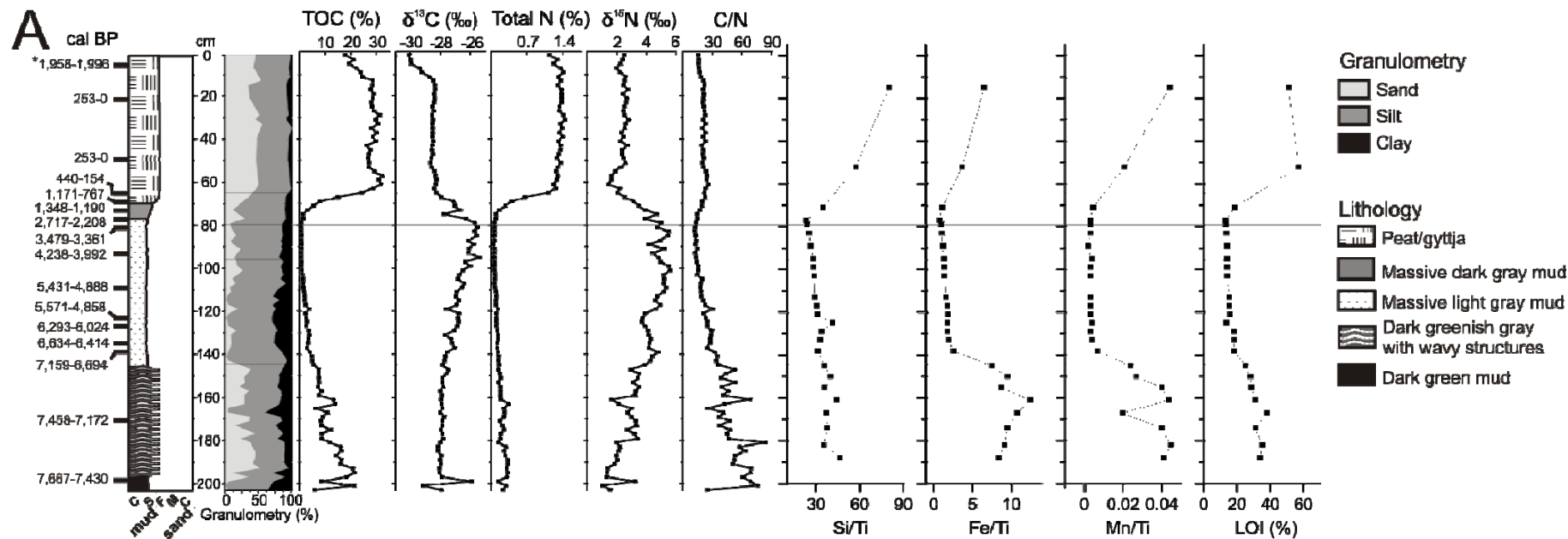
The siliceous spicules of continental sponges have proved to be valuable tools in paleoenvironmental reconstructions, whenever they are perceived in columns of recovered quaternary sediments. The spicules of such sponge collected at grassland subjected to short flooding periods in the Vale Nature Reserve, a preserved coastal area of Atlantic Rain Forest at Espírito Santo State (Brazil), were detected in soil samples recovered in the same region. Study under SEM of materials of the collected specimens indicated the need for description of *Anheteromeyenia vitrea* n. sp. and redefinition of genus *Anheteromeyenia*, with Nearctic/Neotropical distribution.

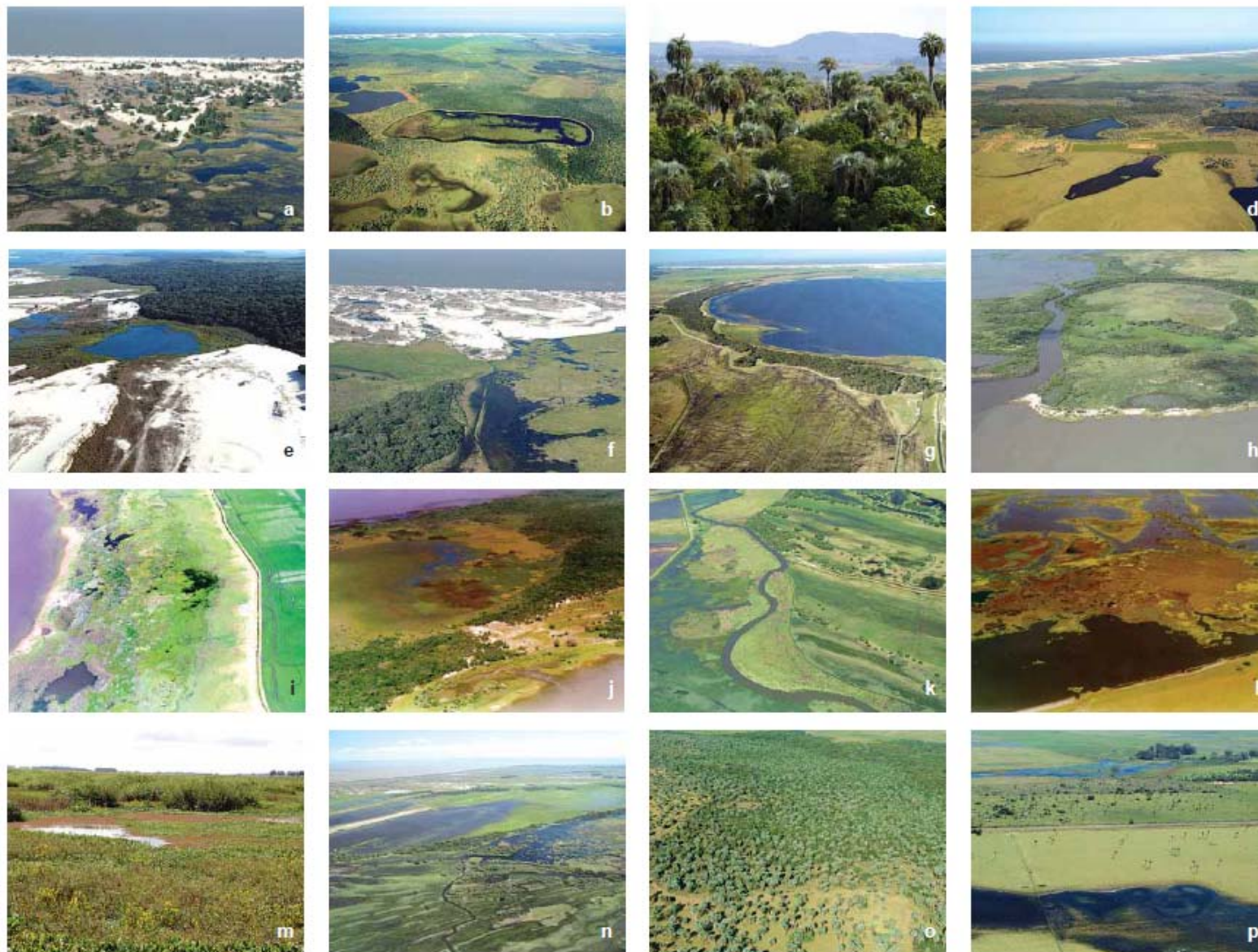
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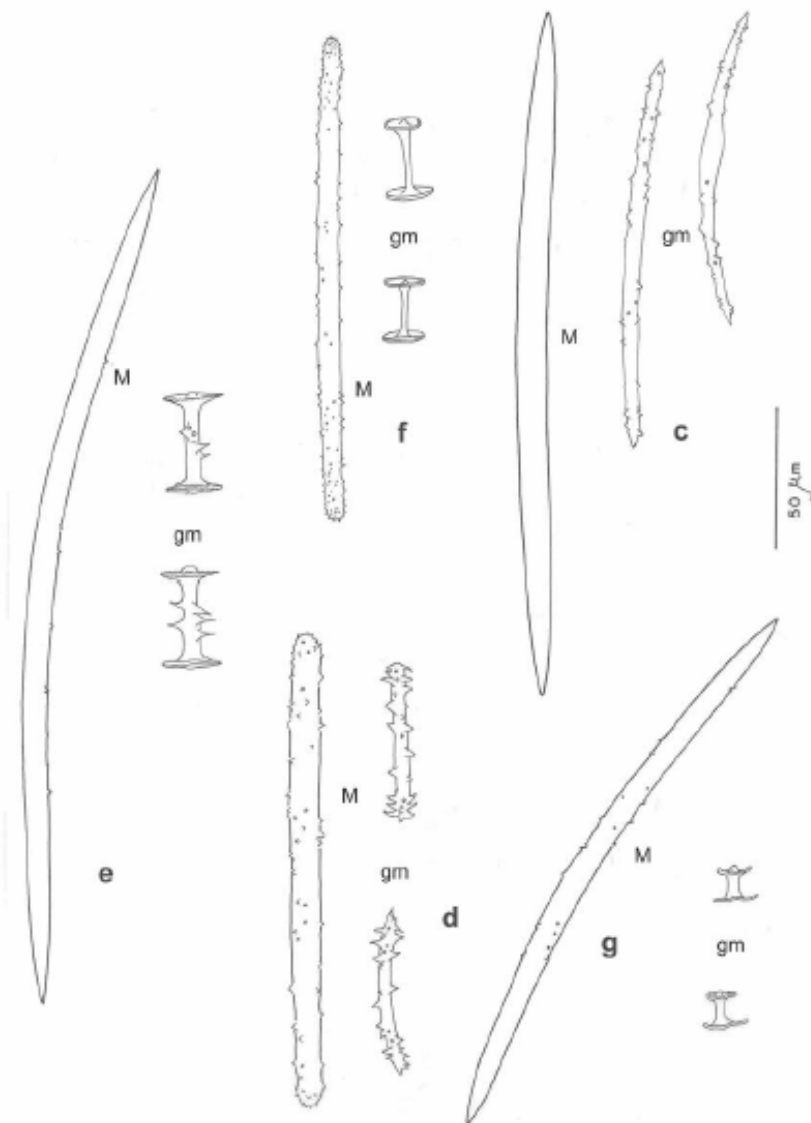
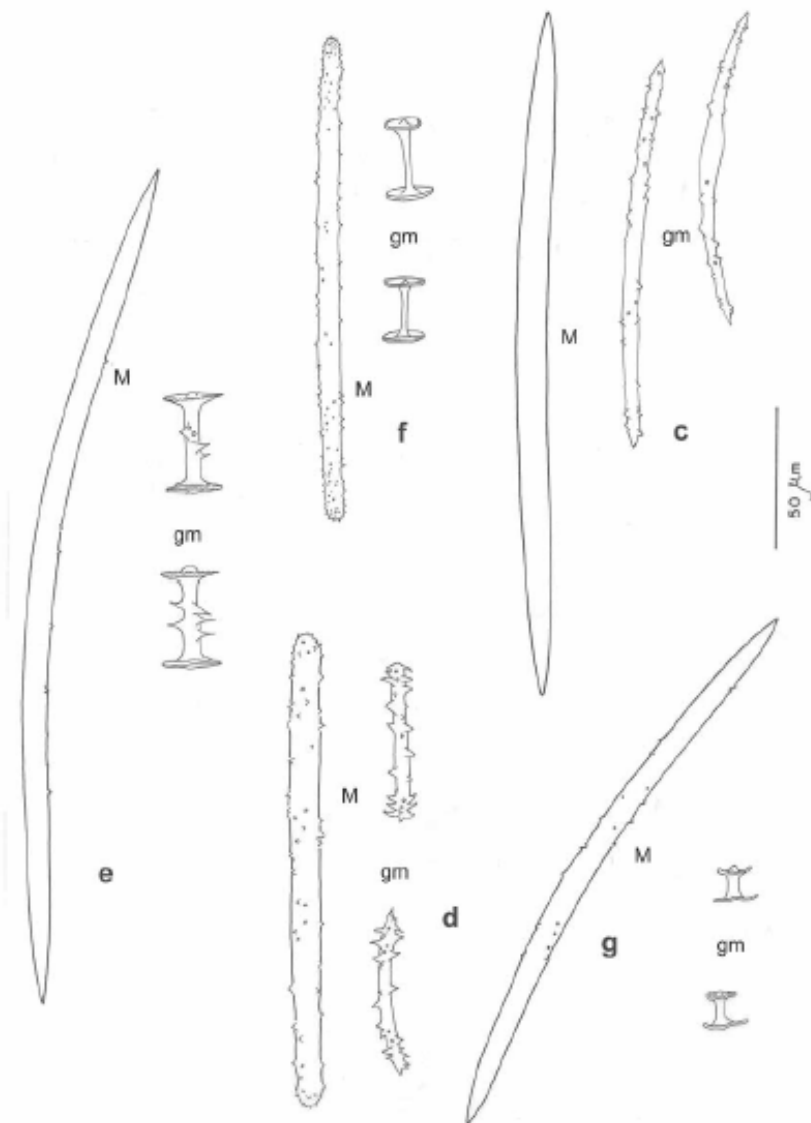
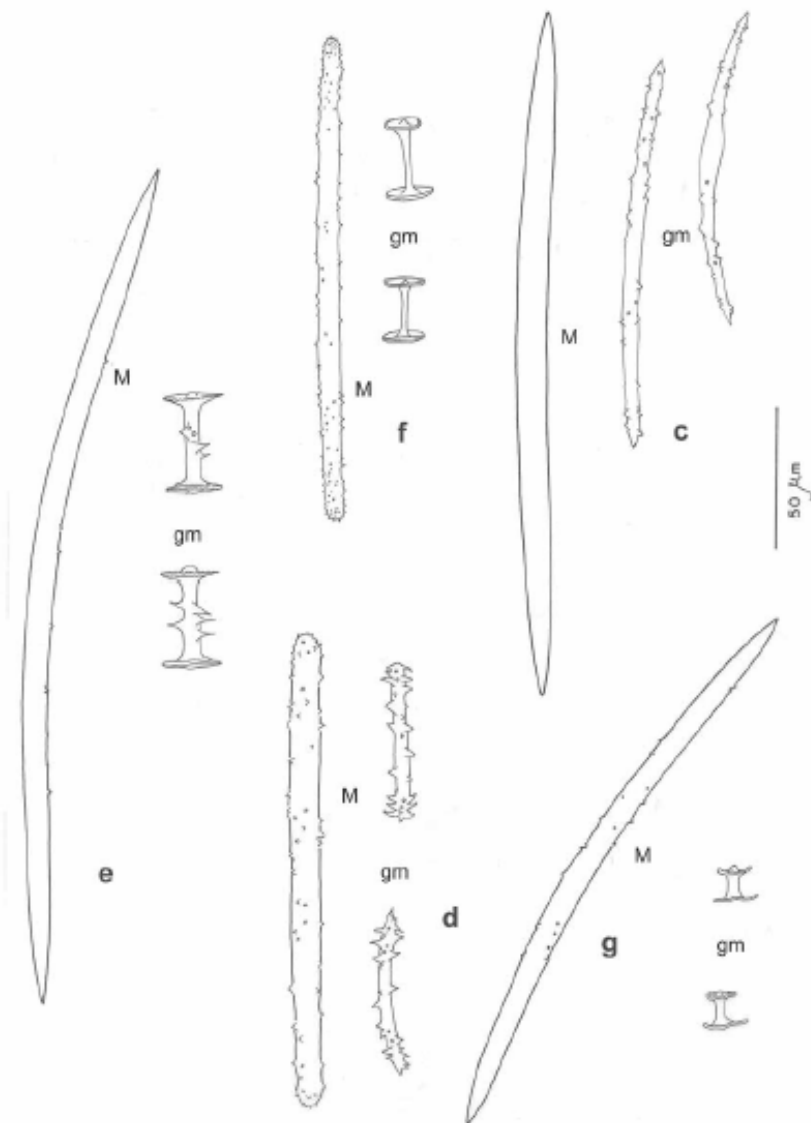
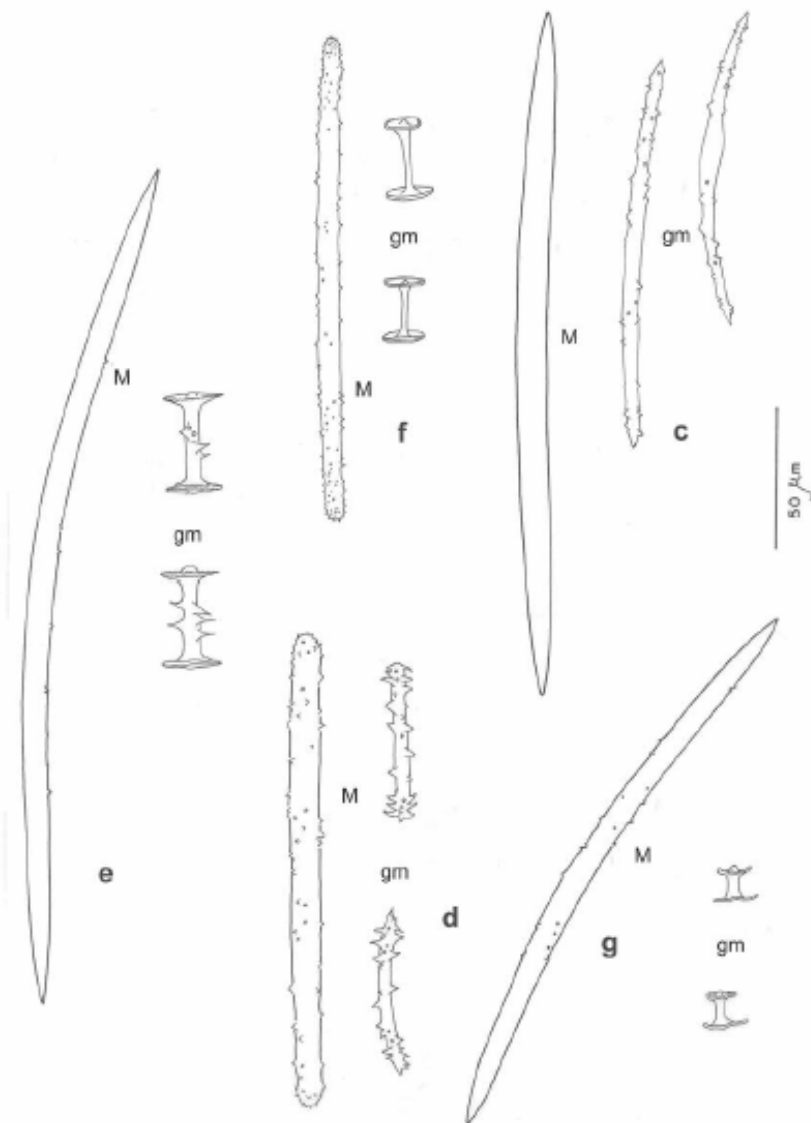
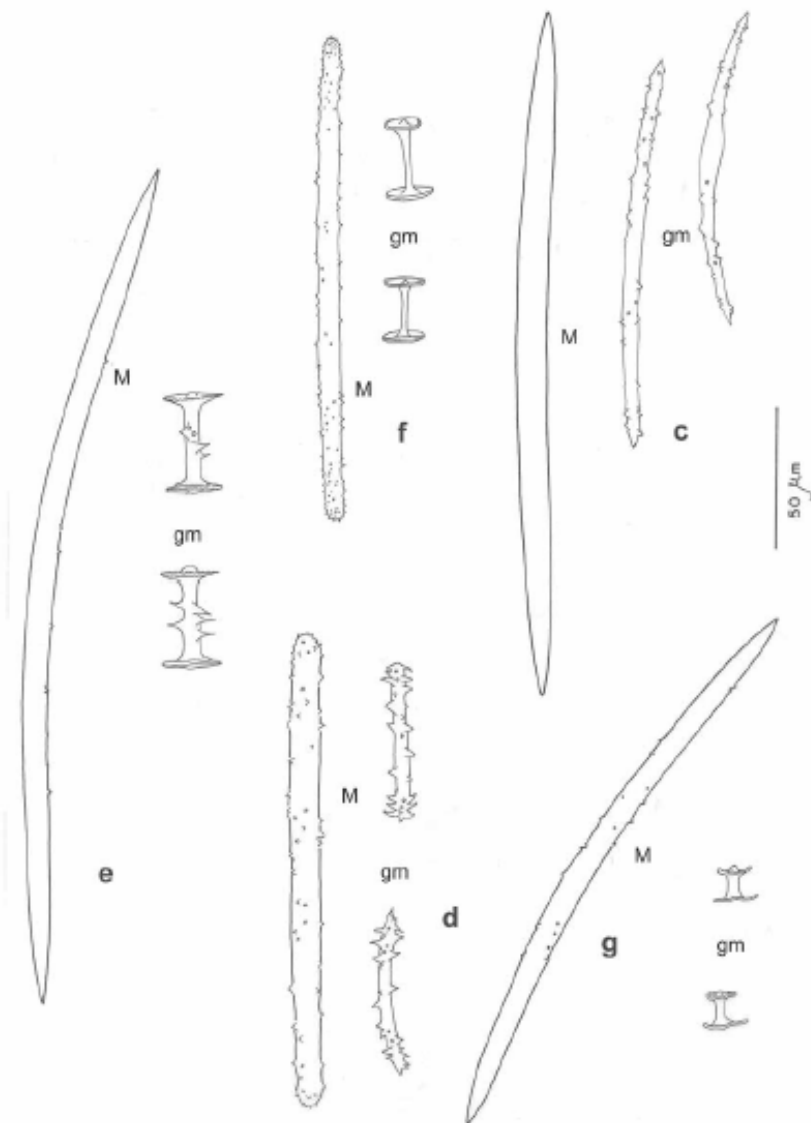
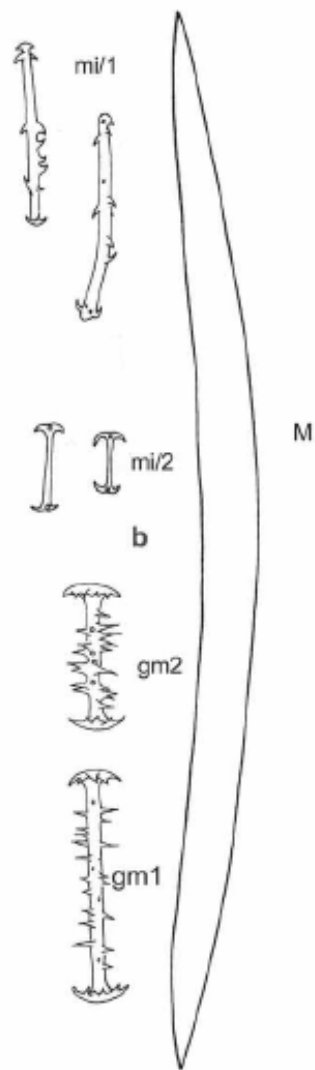
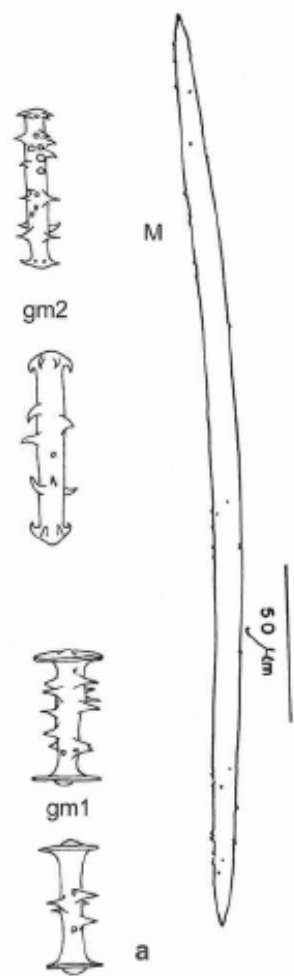
**Figura 2**  
Pansagens e habitats da região dos Butiazaís de Tapes (a-g, o) e da Lagoa do Casamento (h-n, p). (a) Invasão por Pinus, cerca da lagoa do Cerro; (b) mosaico de butiazaís, matas, campos, banhados e áreas agrícolas; (c) palmeiras de *Butia capitata*; (d) gradiente de ambientes no sentido de leste (ao fundo) para oeste (primeiro plano); (e) lagoa das Capivaras e transição dos campos de dunas para as matas de caxilha; (f) dunas e banhados entre a Lagoa dos Patos e a Coxilha das Lombas; (g) agricultura e cordões de mata de restinga no entorno da lagoa do Cerro; (h) foz do rio Palmares na Lagoa do Casamento; (i) banhados marginais e lavoura de arroz na Lagoa do Casamento; (j) banhados e matas na Ilha Grande; (k) banhados adjacentes ao canal ("sangradouro") entre as lagoas do Casamento e dos Gateados; (l) banhados na porção norte e (m) sul da lagoa dos Gateados; (n) campos úmidos e cordões lagunares no Pontal do Anastácio, habitados por aves ameaçadas de extinção; (o) remanescentes de butiazaí na região de Tapes e (p) na região de Palmares do Sul. Fotos: R.A. Ramos, exceto (c) de A. Becker.

# 10.

Esponjas

*Cecilia Volkmer-Ribeiro,  
Rosária De Rosa-Barbosa  
& Carolina Coimbra  
Mostardeiro*





| Espécie                                       | AM | END                     | BIOIN                      | DIST | Lagoa do Casamento |    |    |    |    | Butiazais de Tapes |      |
|-----------------------------------------------|----|-------------------------|----------------------------|------|--------------------|----|----|----|----|--------------------|------|
|                                               |    |                         |                            |      | LC                 | GN | GO | GS | PA | BR                 | LCap |
| <i>Corvoheteromeyenya australis</i>           | X* |                         | macrofitais                | X    | X                  | X  |    | X  |    | X                  | X    |
| <i>Ephydatia facunda</i>                      |    |                         | planície costeira          | X    | X                  | X  | X  | X  | X  | X                  | X    |
| <i>Eunapius fragilis</i>                      |    |                         |                            | X    |                    | X  |    |    |    |                    |      |
| <i>Racekiela sheilae</i>                      | X* | planície costeira do RS | campo inundado entre dunas | X    |                    |    |    |    |    | X                  | X    |
| <i>Radiospongilla amazonensis</i>             |    |                         | turfeiras                  | X    |                    | X  |    | X  |    |                    |      |
| <i>Trochospongilla lanzamirandai</i>          |    |                         | macrofitais                | X    |                    | X  |    | X  |    |                    |      |
| <i>T. variabilis</i>                          |    |                         | macrofitais                | X    |                    | X  |    |    |    |                    | X    |
| <b>Amostragem</b>                             |    |                         |                            |      |                    |    |    |    |    |                    |      |
| <i>ex situ</i> (LC=8 espécies; BT=4 espécies) |    |                         |                            |      | 2                  | 6  |    | 4  |    | 3                  | 3    |
| <i>in situ</i> (LC=2 espécies; BT=3 espécies) |    |                         |                            |      |                    | 1  | 1  | 2  | 1  | 1                  | 3    |
| Total (LC=8 espécies; BT=4 espécies)          |    |                         |                            |      | 2                  | 6  | 1  | 4  | 1  | 3                  | 4    |

\* D.O. 136 nº102/2004 IBAMA.

Obrigada pela atenção