**Table 1.** Stratigraphic information of the analysed megaspores specimens. \*This number corresponds to the acronym CICYTTP-Pl given to the palynologic sample (see also Fig. 2) deposited in the Laboratorio de Palinoestratigrafía y Paleobotánica (CICYTTP-CONICET-Entre Ríos-UADER, di Pasquo and Silvestri, 2014).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Specimen** | **Horizon\*** | **Taxonomic assignment** | **Borehole** | **Depth (m)** |
| CICYTTP-M 2 | 575 | *Lagenicula brasiliensis* comb. nov. | Manuripi X-1  | 1530-1529 |
| CICYTTP-M 15 | 575 | *Lagenicula brasiliensis* comb. nov. | Manuripi X-1  | 1530-1529 |
| CICYTTP-M 17 | 575 | *Lagenicula brasiliensis* comb. nov. | Manuripi X-1  | 1530-1529 |
| CICYTTP-M 28 | 575 | *Lagenicula brasiliensis* comb. nov. | Manuripi X-1  | 1530-1529 |
| CICYTTP-M 55 | 579 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1534 |
| CICYTTP-M 58 | 579 | *cf. Lagenicula hirsutoida*  | Manuripi X-1  | 1534 |
| CICYTTP-M 90 | 578 | *Lagenicula illizii* comb. nov. | Manuripi X-1  | 1533 |
| CICYTTP-M 92 | 578 | *Lagenicula media* comb. nov. | Manuripi X-1  | 1533 |
| CICYTTP-M 112 | 577 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 119 | 577 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 122 | 577 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 123 | 577 | *Lagenicula media* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 124 | 577 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 129 | 577 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 130 | 577 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 131 | 577 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 134 | 577 | *Lagenicula microechinata*  | Manuripi X-1  | 1532 |
| CICYTTP-M 135 | 577 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 136 | 577 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 139 | 577 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 140 | 577 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 141 | 577 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 142 | 577 | *Lagenicula morbelliae* sp. nov. | Manuripi X-1  | 1532 |
| CICYTTP-M 144 | 576 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1530 |
| CICYTTP-M 147 | 576 | *Lagenicula media* comb. nov. | Manuripi X-1  | 1530 |
| CICYTTP-M 148 | 576 | *Lagenicula morbelliae* sp. nov. | Manuripi X-1  | 1530 |
| CICYTTP-M 151 | 576 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1530 |
| CICYTTP-M 152 | 576 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1530 |
| CICYTTP-M 160 | 576 | *Lagenicula devonica*  | Manuripi X-1  | 1530 |
| CICYTTP-M 162 | 574 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1529 |
| CICYTTP-M 163 | 574 | *Lagenicula magna* comb. nov. | Manuripi X-1  | 1529 |
| CICYTTP-M 165 | 574 | *Lagenicula media* comb. nov. | Manuripi X-1  | 1529 |
| CICYTTP-M 170 | 574 | *Lagenicula microechinata*  | Manuripi X-1  | 1529 |
| CICYTTP-M 175 | 574 | *Lagenicula devonica*  | Manuripi X-1  | 1529 |
| CICYTTP-M 183 | 572 | *cf. Lagenicula crassiaculeata*  | Manuripi X-1  | 1483 |
| CICYTTP-M 199 | 729 | *Lagenicula illizii* comb. nov. | Pando X-1  | 1203-1206 |
| CICYTTP-M 218 | 734 | *Lagenicula illizii* comb. nov. | Pando X-1  | 1351-1354 |
| CICYTTP-M 380 | 2609 | *Lagenicula magna* comb. nov. | Pando X-1  | 1327 |
| CICYTTP-M 384 | 2609 | *Lagenicula morbelliae* sp. nov. | Pando X-1  | 1327 |
| CICYTTP-M 404 | 2611 | *Lagenicula morbelliae* sp. nov. | Pando X-1  | 1338 |
| CICYTTP-M 406 | 2611 | *Lagenicula magna* comb. nov. | Pando X-1  | 1338 |
| CICYTTP-M 411 | 2611 | *Lagenicula magna* comb. nov. | Pando X-1  | 1338 |
| CICYTTP-M 423 | 2610 | *Lagenicula microechinata*  | Pando X-1  | 1334 |
| CICYTTP-M 428 | 2612 | *Lagenicula magna* comb. nov. | Pando X-1  | 1347 |