**Supplementary table 1.** Location of sampling points in the Aparados da Serra National Park, Cambará do Sul (RS) and Praia Grande (SC) municipalities.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sampling point** | **Forest formation** | **Altitude** | **Coordinates** | |
| FLOM1 | *araucaria* forest | 922m | 29°09'52.5" S | 050°05'48.2" W |
| FLOM2 | *araucaria* forest | 923 m | 29°10'23.6" S | 050°06'00.0" W |
| FLOM3 | *araucaria* forest | 1.020m | 29°10'19.14" S | 50° 6'59.54" W |
| FLOD1 | Ombrophilous dense forest | 100m | 29°12'04.3" S | 050°02'48.3" W |
| FLOD2 | Ombrophilous dense forest | 279m | 29°12'22.69" S | 50° 3'10.60" W |
| FLOD3 | Ombrophilous dense forest | 260m | 29°12'20.20" S | 50° 3'51.00" W |