Material suplementario

**Tabla S1**. Lista de las especies vegetales registradas. Se especifican la familia botánica, el origen (N = nativa; E = exótica) y presencia (1) o ausencia (0) en fragmentos de pastizal de distinto tamaño rodeados por pinos (F) y controles de pastizal continuo (C) en dunas costeras del sudoeste bonarenese. (\*) Especies endémicas.

**Table S1**. List of registered plant species. Specifying the botanical family, the origin (N = native, E = exotic) and presence (1) or absence (0) in grassland fragments of different size (0.05 to 2.5 ha) surrounded by a pine plantation (F), and controls of continuous grasslands (C) in coastal dunes of southwestern Buenos Aires Province. (\*) Endemic species.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Familia | Especies | Origen | C | F |
|   |   |   |   | 0,05 | 0,1 | 0,5 | 1 | 2,5 |
| Apocynaceae | *Oxypetalum solanoides* | N | 1 | 0 | 0 | 0 | 0 | 0 |
| Asteraceae | *Achyrocline satureioides* | N | 1 | 0 | 1 | 1 | 0 | 0 |
| Asteraceae | *Ambrosia tenuifolia* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Asteraceae | *Baccharis divaricata* (\*) | N | 1 | 0 | 0 | 1 | 1 | 0 |
| Asteraceae | *Baccharis genistifolia* | N | 1 | 0 | 1 | 1 | 1 | 1 |
| Asteraceae | *Baccharis juncea* | N | 1 | 0 | 0 | 0 | 0 | 0 |
| Asteraceae | *Baccharis rufescens* | N | 1 | 0 | 0 | 0 | 0 | 0 |
| Asteraceae | *Baccharis salicifolia* | N | 1 | 0 | 0 | 0 | 1 | 0 |
| Asteraceae | *Baccharis pingraea* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Asteraceae | *Cirsium vulgare* | E | 1 | 1 | 1 | 1 | 1 | 1 |
| Asteraceae | *Conyza bonariensis* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Asteraceae | *Gamochaeta sp.* | N | 1 | 0 | 0 | 1 | 0 | 0 |
| Asteraceae | *Pseudognaphalium leucopeplum* | N | 1 | 0 | 0 | 0 | 0 | 1 |
| Asteraceae | *Hypochaeris radicata* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Asteraceae | *Lucilia acutifolia* | N | 0 | 0 | 1 | 0 | 0 | 1 |
| Asteraceae | *Noticastrum sericeum* (\*) | N | 1 | 1 | 1 | 0 | 0 | 0 |
| Asteraceae | *Pluchea sagittalis* | N | 0 | 0 | 1 | 0 | 0 | 0 |
| Asteraceae | *Senecio bergii* (\*) | N | 1 | 0 | 0 | 0 | 1 | 0 |
| Asteraceae | *Senecio filaginoides* | N | 1 | 0 | 0 | 0 | 0 | 0 |
| Asteraceae | *Senecio madagascariensis* | E | 1 | 1 | 1 | 1 | 1 | 1 |
| Asteraceae | *Senecio subulatus* | N | 1 | 0 | 0 | 0 | 1 | 0 |
| Asteraceae | *Solidago chilensis* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Asteraceae | *Sonchus oleraceus* | E | 1 | 1 | 1 | 1 | 1 | 1 |
| Asteraceae | *Symphyotrichum squamatum* | N | 0 | 1 | 0 | 1 | 1 | 0 |
| Asteraceae | *Tessaria absinthioides* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Asteraceae | *Thelesperma megapotamicum* | N | 1 | 0 | 0 | 0 | 0 | 0 |
| Asteraceae | *Xanthium cavanillesii* | N | 1 | 0 | 0 | 0 | 0 | 1 |
| Brassicaceae | *Lepidium aletes* | N | 1 | 0 | 1 | 0 | 0 | 0 |
| Cyperaceae | *Cyperus reflexus* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Cyperaceae | *Schoenoplectus americanus* | N | 1 | 1 | 1 | 0 | 1 | 1 |
| Fabaceae | *Acacia longifolia* | E | 0 | 1 | 1 | 1 | 1 | 1 |
| Fabaceae | *Adesmia incana* | N | 1 | 0 | 0 | 0 | 1 | 1 |
| Fabaceae | *Medicago lupulina* | E | 1 | 0 | 0 | 1 | 1 | 1 |
| Fabaceae | *Melilotus albus* | E | 1 | 0 | 1 | 1 | 1 | 1 |
| Gentianaceae | *Centaurium pulchellum* | E | 0 | 0 | 1 | 0 | 1 | 1 |
| Geraniaceae | *Geranium albicans* | N | 1 | 0 | 0 | 0 | 0 | 0 |
| Juncaceae | *Juncus acutus* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Juncaceae | *Juncus imbricatus* | N | 1 | 0 | 1 | 1 | 1 | 1 |
| Onagraceae | *Oenothera indecora* | N | 1 | 0 | 0 | 0 | 0 | 1 |
| Onagraceae | *Oenothera mollissima* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Orchidaceae | *Habenaria gourlieana* | N | 1 | 0 | 0 | 0 | 0 | 0 |
| Pinaceae | *Pinus pinaster* | E | 1 | 1 | 1 | 1 | 1 | 0 |
| Plantaginaceae | *Plantago australis* | N | 1 | 0 | 0 | 0 | 0 | 0 |
| Plantaginaceae | *Plantago patagonica* | N | 0 | 0 | 1 | 0 | 0 | 1 |
| Poaceae | *Aristida spegazzinii* | N | 1 | 0 | 1 | 1 | 1 | 1 |
| Poaceae | *Cenchrus incertus* | N | 1 | 0 | 0 | 0 | 1 | 1 |
| Poaceae | *Cortaderia selloana* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Poaceae | *Cynodon dactylon* | E | 0 | 0 | 1 | 0 | 0 | 0 |
| Poaceae | *Distichlis spicata* | N | 1 | 0 | 0 | 0 | 0 | 0 |
| Poaceae | *Eragrostis airoides* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Poaceae | *Eragrostis curvula* | E | 1 | 1 | 1 | 1 | 0 | 1 |
| Poaceae | *Festuca arundinacea* | E | 1 | 0 | 0 | 0 | 0 | 1 |
| Poaceae | *Imperata brasiliensis* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Poaceae | *Panicum urvilleanum* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Poaceae | *Paspalum dilatatum* | N | 1 | 0 | 0 | 0 | 0 | 1 |
| Poaceae | *Paspalum vaginatum* | N | 0 | 1 | 1 | 0 | 0 | 1 |
| Poaceae | *Poa lanuginosa* | N | 1 | 0 | 0 | 0 | 0 | 0 |
| Poaceae | *Schizachyrium plumigerum* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Poaceae | *Setaria parviflora* | N | 0 | 0 | 1 | 0 | 0 | 0 |
| Poaceae | *Sporobolus indicus* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Rhamnaceae | *Discaria americana* | N | 1 | 0 | 0 | 0 | 0 | 1 |
| Rosaceae | *Margyricarpus pinnatus* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Salicaceae | *Populus* sp. | E | 0 | 0 | 0 | 0 | 0 | 1 |
| Tamaricaceae | *Tamarix* sp. | E | 0 | 0 | 0 | 0 | 1 | 0 |
| Typhaceae | *Typha* sp. | N | 1 | 0 | 0 | 0 | 0 | 0 |
| Umbeliferae | *Eryngium paniculatum* | N | 0 | 1 | 0 | 1 | 1 | 0 |
| Umbeliferae | *Hydrocotyle bonariensis* | N | 1 | 1 | 1 | 1 | 1 | 1 |
| Verbenaceae | *Phyla canescens* | N | 1 | 0 | 0 | 0 | 1 | 1 |