**Table S1. Designation of ASPAs and their invasion risk.** Designations from Antarctic Protected Areas Database, Secretariat of the Antarctic Treaty, <http://www.ats.aq/devPH/apa/ep_protected_detail.aspx?type=2&id=69&lang=e>.

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| --- | --- | --- | --- |
| Classification | Reason for designation | Antarctic Specially Protected Areas | Ice-free, biodiversity designated ASPAs at high risk of invasion |
| A | Inviolate areas | 2 |  |
| B | Representative of major ecosystems | 10 |  |
| C | Important or unusual assemblage of species | 37 | 6 |
| D | Type locality of known species | 0 |  |
| E | Area of interest to science | 10 | 1 |
| F | Outstanding geological, glaciological geomorphological feature | 5 |  |
| G | Outstanding aesthetic or wilderness value | 1 |  |
| H | Sites or monuments of historic value | 6 |  |
| I | Outstanding environmental, scientific, historic, aesthetic or wilderness values, any combination of those values or on-going planned scientific research | 2 |  |
| Total |  | 73 | 7 |