**Supplementary material**

Habitat loss challenges the conservation of endemic plants in mining-targeted Brazilian mountains.

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 Table S1. Pollination and seed dispersal syndromes (Jacobi & Carmo 2011) and occurrence of the 32 taxa known to be endemic to the IQ cangas. WS: West sector; ES: East Sector; 2S: both sectors.

| **Taxon**  | **Pollination syndrome** | **Seed dispersal syndrome** | **Occurrence** |
| --- | --- | --- | --- |
| **APOCYNACEAE** |  |  |  |
| *Hemipogon* aff. *carassensis* (Malme) Rapini | Entomophily | Anemochory | ES |
| *Hemipogon* aff. *hemipogonoides* (Malme) Rapini | Entomophily | Anemochory | WS |
| *Minaria monocoronata* (Rapini) T.U.P.Konno & Rapini | Entomophily | Anemochory | WS |
| **ASTERACEAE** |  |  |  |
| *Campuloclinium* sp. nov. | Entomophily | Anemochory | ES |
| *Lessingianthus* sp. nov. | Entomophily | Anemochory | ES |
| *Symphyopappus* sp. nov. | Entomophily | Anemochory | ES |
| **BROMELIACEAE** |  |  |  |
| *Cryptanthus ferrarius* Leme & C.C. Paula | Entomophily | Zoochory | 2S |
| *Dyckia consimilis* Mez | Ornitophily | Anemochory | 2S |
| *Vriesea longistaminea* C.C.Paula & Leme | Ornitophily | Anemochory | ES |
| *Vriesea minarum* L.B.Sm. | Ornitophily | Anemochory | 2S |
| **CACTACEAE** |  |  |  |
| *Arthrocereus glaziovii* (K.Schum.) N.P.Taylor & D.C.Zappi | Entomophily | Zoochory | WS |
| **CONVOLVULACEAE** |  |  |  |
| *Ipomoea* aff. *kunthiana* Meisn. | Entomophily | Anemochory | ES |
| *Ipomoea* aff. *rupestris* Sim.-Bianch&Pirani | Entomophily | Anemochory | WS |
| *Jacquemontia linarioides* Meisn. | Entomophily | Anemochory | 2S |
| **EURIOCAULACEAE** |  |  |  |
| *Paepalanthus amoenus* Koern. | Entomophily | Anemochory | 2S |
| *Paepalanthus argilicola* Silveira | Entomophily | Anemochory | WS |
| *Paepalanthus batatalensis* Silveira | Entomophily | Anemochory | ES |
| *Paepalanthus gomesii* Silveira | Entomophily | Anemochory | ES |
| *Paepalanthus moedensis* Silveira | Entomophily | Anemochory | WS |
| *Paepalanthus pallidus* Silveira | Entomophily | Anemochory | 2S |
| **EUPHORBIACEAE** |  |  |  |
| *Croton serratoideus* Radcl.-Sm. & Govaerts | Entomophily | Autochory | WS |
| **FABACEAE** |  |  |  |
| *Chamaecrista secunda* (Benth.) H.S. Irwin & Barneby | Entomophily | Autochory | 2S |
| *Mimosa calodendron* Mart. ex Benth. | Entomophily | Autochory | 2S |
| **GESNERIACEAE** |  |  |  |
| *Sinningia rupicola* (Mart.) Wiehler | Ornitophily | Anemochory | 2S |
| **MELASTOMATACEAE** |  |  |  |
| *Pleroma ferricola A.L.F. Oliveira, R. Romero & P.J.F.* Guim | Entomophily | Autochory | WS |
| **ORCHIDACEAE** |  |  |  |
| *Cattleya milleri* (Blumensch. ex Pabst) Van den Berg | Entomophily | Anemochory | WS |
| *Gomesa gracilis* (Lindl.) M.W.Chase & N.H.Williams | Entomophily | Anemochory | 2S |
| **POACEAE** |  |  |  |
| *Paspalum brachytrichum* Hack | Anemophily | Anemochory | 2S |
| **POLYGALACEAE** |  |  |  |
| *Polygala* aff. *bryoides* A.St.-Hil. & Moq. | Entomophily | ? | ES |
| **RUBIACEAE** |  |  |  |
| *Borreria* aff. *tenera* DC. | Entomophily | Autochory | ES |
| **VELLOZIACEAE** |  |  |  |
| *Vellozia sellowii* Seub. | Entomophily | Autochory | 2S |
| **XYRIDACEAE** |  |  |  |
| *Xyris villosicarinata Kral & Wand.* | Entomophily  | Autochory | WS |