**MATERIAL SUPLEMENTAR**

**Tabela S1.** Espécies de aves registradas nos dois remanescentes de Brejos de Altitude em Pernambuco, Fazenda Vale do Tabocas e Reserva Particular do Patrimônio Natural Reserva Natural Brejo. Grupos tróficos: carnívoros (CARN); frugívoros (FRUG); granívoros (GRAN); insetívoro (INSE); necrófagos (NECR); nectarívoros (NECT); onívoros (ONIV); piscívoros (PISC). Sensibilidade: alta (A); baixa (B); média (M). Uso do habitat: independentes de floresta (IND); semi-dependente de floresta (SEM); dependente de floresta (DEP).

*Table S1. Recorded species of birds in the two remnants of Brejos de Altitude in the State of Pernambuco, the Vale do Tabocas Farm, and the Reserva Natural Brejo Private Natural Heritage Reserve. Trophic groups: carnivores (CARN); frugivores (FRUG); granivores (GRAN); insectivore (INSE); scavengers (NECR); nectarivores (NECT); omnivores (ONIV); piscivores (PISC). Sensitivity: high (A); low (B); medium (M). Habitat use: forest independent (IND); forest semi-dependent (SEM); forest dependent (DEP).*

| **Nome do táxon** | **Grupo trófico** | **Sensibilidade** | **Uso do habitat** | **Fazenda Vale do Tabocas** | **Reserva Natural Brejo** |
| --- | --- | --- | --- | --- | --- |
| Tinamiformes |  |  |  |  |  |
| Tinamidae |  |  |  |  |  |
| *Crypturellus parvirostris* | ONIV | B | IND | X | X |
| *Crypturellus tataupa* | GRA | B | DEP | X | X |
| *Nothura boraquira* | INSE | M | SEM |  | X |
| Anseriformes |  |  |  |  |  |
| Anatidae |  |  |  |  |  |
| *Dendrocygna viduata* | ONIV | B | IND | X |  |
| Galliformes |  |  |  |  |  |
| Cracidae |  |  |  |  |  |
| *Penelope superciliaris ochromitra* | FRUG | M | DEP | X |  |
| *Ortalis araucuan* | FRUG | M | SEM | X | X |
| Podicipediformes |  |  |  |  |  |
| Podicipedidae |  |  |  |  |  |
| *Podilymbus podiceps* | ONIV | M | IND | X |  |
| Pelecaniformes |  |  |  |  |  |
| Ardeidae |  |  |  |  |  |
| *Tigrisoma lineatum* | ONIV | M | IND | X |  |
| *Butorides striata* | ONIV | B | IND |  | X |
| *Bubulcus ibis* | ONIV | B | IND | X | X |
| *Ardea alba* | ONIV | B | IND | X | X |
| Cathartiformes |  |  |  |  |  |
| Cathartidae |  |  |  |  |  |
| *Cathartes aura* | NECR | B | IND | X | X |
| *Cathartes burrovianus* | NECR | M | IND | X | X |
| *Coragyps atratus* | NECR | B | IND | X | X |
| Accipitriformes |  |  |  |  |  |
| Accipitridae |  |  |  |  |  |
| *Chondrohierax uncinatus* | CARN | B | SEM |  | X |
| *Elanus leucurus* | CARN | B | IND |  | X |
| *Geranospiza caerulescens* | CARN | M | SEM | X |  |
| *Urubitinga urubitinga* | INSE | M | SEM | X |  |
| *Rupornis magnirostris* | CARN | B | IND | X | X |
| *Geranoaetus melanoleucus* | CARN | A | IND | X |  |
| *Buteo albonotatus* | INSE | M | IND |  | X |
| Gruiformes |  |  |  |  |  |
| Aramidae |  |  |  |  |  |
| *Aramus guarauna* | CARN | M | IND | X | X |
| Rallidae |  |  |  |  |  |
| *Aramides cajaneus* | ONIV | A | SEM | X |  |
| *Laterallus viridis* | ONIV | B | SEM | X |  |
| *Laterallus melanophaius* | ONIV | B | SEM | X |  |
| *Pardirallus nigricans* | INSE | M | SEM | X | X |
| *Gallinula galeata* | ONIV | B | IND |  | X |
| Charadriiformes |  |  |  |  |  |
| Charadriidae |  |  |  |  |  |
| *Vanellus chilensis* | ONIV | B | IND | X | X |
| Jacanidae |  |  |  |  |  |
| *Jacana jacana* | ONIV | B | IND | X | X |
| Sternidae |  |  |  |  |  |
| *Sterna hirundo* | PISC | M | SEM | X |  |
| Columbiformes |  |  |  |  |  |
| Columbidae |  |  |  |  |  |
| *Columbina passerina* | GRAN | B | IND |  | X |
| *Columbina minuta* | GRAN | B | IND | X | X |
| *Columbina talpacoti* | GRAN | B | IND | X | X |
| *Columbina squammata* | GRAN | B | IND |  | X |
| *Columbina picui* | GRAN | B | IND | X | X |
| *Claravis pretiosa* | GRAN | B | SEM | X |  |
| *Patagioenas picazuro* | FRUG | M | SEM | X | X |
| *Zenaida auriculata* | GRAN | B | IND | X |  |
| *Leptotila verreauxi* | FRUG | B | SEM | X | X |
| *Leptotila rufaxilla* | ONIV | M | DEP |  | X |
| Cuculiformes |  |  |  |  |  |
| Cuculidae |  |  |  |  |  |
| *Piaya cayana* | INSE | B | SEM | X | X |
| *Crotophaga ani* | INSE | B | IND | X | X |
| *Guira guira* | INSE | B | IND | X | X |
| *Tapera naevia* | INSE | B | IND | X | X |
| Strigiformes |  |  |  |  |  |
| Tytonidae |  |  |  |  |  |
| *Tyto furcata* | CARN | B | IND | X | X |
| Strigidae |  |  |  |  |  |
| *Megascops choliba* | INSE | B | SEM | X | X |
| *Pulsatrix perspicillata pulsatrix* | CARN | M | DEP | X |  |
| *Strix virgata* | ONIV | M | DEP | X |  |
| *Glaucidium brasilianum* | CARN | B | SEM |  | X |
| *Athene cunicularia* | CARN | M | IND | X | X |
| Nyctibiiformes |  |  |  |  |  |
| Nyctibiidae |  |  |  |  |  |
| *Nyctibius griseus* | INSE | B | SEM | X | X |
| Caprimulgiformes |  |  |  |  |  |
| Caprimulgidae |  |  |  |  |  |
| *Nyctiphrynus ocellatus* | INSE | M | DEP |  | X |
| *Nyctidromus albicollis* | INSE | B | SEM | X | X |
| *Hydropsalis parvula* | INSE | B | IND |  | X |
| *Hydropsalis torquata* | INSE | B | DEP | X | X |
| Apodiformes |  |  |  |  |  |
| Apodidae |  |  |  |  |  |
| *Chaetura meridionalis* | INSE | B | SEM | X |  |
| *Tachornis squamata* | INSE | B | IND | X |  |
| Trochilidae |  |  |  |  |  |
| *Anopetia gounellei* | NECT | A | DEP | X |  |
| *Phaethornis ruber* | NECT | M | DEP | X |  |
| *Phaethornis pretrei* | NECT | B | SEM | X | X |
| *Eupetomena macroura* | NECT | B | IND | X | X |
| *Aphantochroa cirrochloris* | NECT | M | DEP | X |  |
| *Florisuga fusca* | NECT | M | DEP | X |  |
| *Chrysolampis mosquitus* | NECT | B | IND |  | X |
| *Chlorestes notata* | NECT | B | DEP |  | X |
| *Chlorostilbon lucidus* | NECT | B | SEM | X | X |
| *Amazilia fimbriata* | NECT | B | SEM | X | X |
| Coraciiformes |  |  |  |  |  |
| Alcedinidae |  |  |  |  |  |
| *Megaceryle torquata* | PISC | B | IND |  | X |
| *Chloroceryle amazona* | PISC | B | SEM | X | X |
| *Chloroceryle americana* | PISC | B | SEM | X | X |
| Galbuliformes |  |  |  |  |  |
| Galbulidae |  |  |  |  |  |
| *Galbula ruficauda* | INSE | B | SEM |  | X |
| Bucconidae |  |  |  |  |  |
| *Nystalus maculatus* | INSE | M | SEM | X | X |
| Piciformes |  |  |  |  |  |
| Picidae |  |  |  |  |  |
| *Picumnus limae* | INSE | A | DEP | X | X |
| *Veniliornis passerinus* | INSE | B | SEM | X | X |
| Cariamiformes |  |  |  |  |  |
| Cariamidae |  |  |  |  |  |
| *Cariama cristata* | ONIV | M | IND |  | X |
| Falconiformes |  |  |  |  |  |
| Falconidae |  |  |  |  |  |
| *Caracara plancus* | ONIV | B | IND | X | X |
| *Milvago chimachima* | CARN | B | IND | X | X |
| *Herpetotheres cachinnans* | CARN | B | SEM | X | X |
| *Falco femoralis* | ONIV | B | IND | X |  |
| Psittaciformes |  |  |  |  |  |
| Psittacidae |  |  |  |  |  |
| *Diopsittaca nobilis* | FRUG | M | SEM |  | X |
| *Eupsittula cactorum* | FRUG | M | SEM | X |  |
| *Forpus xanthopterygius* | FRUG | B | IND | X | X |
| Passeriformes |  |  |  |  |  |
| Thamnophilidae |  |  |  |  |  |
| *Myrmotherula axillaris luctuosa* | INSE | M | DEP |  | X |
| *Formicivora grisea* | INSE | B | SEM |  | X |
| *Formicivora melanogaster* | INSE | M | SEM | X |  |
| *Dysithamnus mentalis* | INSE | M | DEP |  | X |
| *Herpsilochmus atricapillus* | INSE | M | DEP | X | X |
| *Herpsilochmus pectoralis* | INSE | M | SEM |  | X |
| *Herpsilochmus rufimarginatus* | INSE | M | DEP |  | X |
| *Sakesphorus cristatus* | INSE | M | SEM | X |  |
| *Thamnophilus capistratus* | INSE | B | SEM | X | X |
| *Thamnophilus torquatus* | INSE | M | IND | X |  |
| *Thamnophilus caerulescens pernambucensis* | INSE | B | DEP | X | X |
| *Taraba major* | INSE | B | SEM | X | X |
| Conopophagidae |  |  |  |  |  |
| *Conopophaga cearae* | INSE | M | DEP | X | X |
| Dendrocolaptidae |  |  |  |  |  |
| *Sittasomus griseicapillus* | INSE | M | DEP | X | X |
| *Lepidocolaptes angustirostris* | INSE | M | IND |  | X |
| *Dendrocolaptes platyrostris* | INSE | M | DEP |  | X |
| Xenopidae |  |  |  |  |  |
| *Xenops rutilans* | INSE | M | DEP |  | X |
| Furnariidae |  |  |  |  |  |
| *Furnarius figulus* | INSE | B | IND |  | X |
| *Furnarius leucopus* | INSE | B | SEM | X |  |
| *Pseudoseisura cristata* | INSE | M | SEM |  | X |
| *Phacellodomus rufifrons specularis* | INSE | M | SEM | X | X |
| *Certhiaxis cinnamomeus* | INSE | M | IND | X | X |
| *Synallaxis infuscata* | INSE | M | DEP | X |  |
| *Synallaxis frontalis* | INSE | B | DEP | X | X |
| *Synallaxis albescens* | INSE | B | IND | X |  |
| *Synallaxis scutata* | INSE | M | SEM | X | X |
| Pipridae |  |  |  |  |  |
| *Neopelma pallescens* | INSE | M | DEP |  | X |
| *Ceratopipra rubrocapilla* | FRUG | A | DEP | X |  |
| Onychorhynchidae |  |  |  |  |  |
| *Myiobius barbatus* | INSE | A | DEP |  | X |
| *Myiobius atricaudus* | INSE | M | DEP | X |  |
| Tityridae |  |  |  |  |  |
| *Pachyramphus viridis* | INSE | M | SEM | X | X |
| *Pachyramphus polychopterus* | INSE | B | SEM | X | X |
| *Pachyramphus validus* | INSE | M | DEP |  | X |
| Rhynchocyclidae |  |  |  |  |  |
| *Mionectes oleagineus* | ONIV | M | SEM |  | X |
| *Leptopogon amaurocephalus* | INSE | M | DEP | X |  |
| *Tolmomyias flaviventris* | INSE | B | DEP | X | X |
| *Todirostrum cinereum* | INSE | B | SEM | X | X |
| *Poecilotriccus plumbeiceps* | INSE | M | DEP | X |  |
| *Hemitriccus margaritaceiventer* | INSE | M | SEM | X | X |
| *Hemitriccus mirandae* | INSE | A | DEP | X | X |
| Tyrannidae |  |  |  |  |  |
| *Hirundinea ferruginea* | INSE | B | SEM | X |  |
| *Stigmatura napensis bahiae* | INSE | M | IND | X |  |
| *Euscarthmus meloryphus* | INSE | B | SEM | X | X |
| *Camptostoma obsoletum* | INSE | B | IND | X | X |
| *Elaenia flavogaster* | ONIV | B | SEM | X | X |
| *Elaenia spectabilis* | ONIV | B | DEP | X | X |
| *Elaenia chiriquensis* | ONIV | B | IND |  | X |
| *Myiopagis gaimardii* | INSE | M | DEP | X |  |
| *Myiopagis caniceps* | INSE | M | DEP |  | X |
| *Myiopagis viridicata* | INSE | M | DEP | X | X |
| *Capsiempis flaveola* | INSE | B | DEP |  | X |
| *Phaeomyias murina* | ONIV | B | IND | X | X |
| *Phyllomyias fasciatus cearae* | INSE | M | SEM |  | X |
| *Serpophaga subcristata* | INSE | B | SEM | X | X |
| *Legatus leucophaius* | INSE | B | SEM |  | X |
| *Myiarchus ferox* | ONIV | B | SEM | X | X |
| *Myiarchus tyrannulus* | ONIV | B | SEM |  | X |
| *Casiornis fuscus* | INSE | M | DEP |  | X |
| *Pitangus sulphuratus* | ONIV | B | IND | X | X |
| *Myiodynastes maculatus* | ONIV | B | DEP |  | X |
| *Megarynchus pitangua* | ONIV | B | SEM | X | X |
| *Myiozetetes similis* | ONIV | B | SEM | X | X |
| *Tyrannus melancholicus* | INSE | B | IND | X | X |
| *Empidonomus varius* | INSE | B | SEM |  | X |
| *Myiophobus fasciatus* | INSE | B | IND | X | X |
| *Fluvicola nengeta* | INSE | B | IND | X | X |
| *Arundinicola leucocephala* | INSE | M | IND |  | X |
| *Cnemotriccus fuscatus* | INSE | B | DEP |  | X |
| *Knipolegus nigerrimus hoflingae* | INSE | M | SEM | X |  |
| Vireonidae |  |  |  |  |  |
| *Cyclarhis gujanensis* | ONIV | B | SEM | X | X |
| *Hylophilus amaurocephalus* | ONIV | M | DEP | X | X |
| *Vireo chivi* | ONIV | B | DEP | X | X |
| Hirundinidae |  |  |  |  |  |
| *Progne tapera* | INSE | B | IND |  | X |
| *Progne chalybea* | INSE | B | IND | X | X |
| *Tachycineta albiventer* | INSE | B | IND | X | X |
| *Hirundo rustica* | INSE | B | IND | X |  |
| Troglodytidae |  |  |  |  |  |
| *Troglodytes musculus* | INSE | B | IND | X | X |
| *Pheugopedius genibarbis* | INSE | B | DEP | X | X |
| *Cantorchilus longirostris bahiae* | INSE | B | DEP | X | X |
| Polioptilidae |  |  |  |  |  |
| *Ramphocaenus melanurus* | INSE | B | DEP |  | X |
| *Polioptila plumbea* | INSE | B | SEM | X | X |
| Turdidae |  |  |  |  |  |
| *Turdus leucomelas* | ONIV | B | SEM | X | X |
| *Turdus rufiventris* | ONIV | B | IND | X | X |
| *Turdus amaurochalinus* | ONIV | B | SEM | X | X |
| Mimidae |  |  |  |  |  |
| *Mimus saturninus arenaceus* | ONIV | B | IND | X | X |
| Motacillidae |  |  |  |  |  |
| *Anthus lutescens* | INSE | B | IND |  | X |
| Passerellidae |  |  |  |  |  |
| *Zonotrichia capensis* | ONIV | B | IND | X | X |
| *Ammodramus humeralis* | GRAN | B | IND | X | X |
| *Arremon taciturnus* | ONIV | M | DEP | X | X |
| Parulidae |  |  |  |  |  |
| *Setophaga pitiayumi* | INSE | M | DEP | X |  |
| *Basileuterus culicivorus* | INSE | M | DEP | X | X |
| *Myiothlypis flaveola* | INSE | M | DEP | X | X |
| Icteridae |  |  |  |  |  |
| *Icterus pyrrhopterus* | ONIV | M | SEM | X | X |
| *Icterus jamacaii* | ONIV | B | SEM | X |  |
| *Gnorimopsar chopi* | ONIV | B | IND |  | X |
| *Anumara forbesi* | ONIV | A | DEP | X |  |
| *Agelaioides fringillarius* | ONIV | B | IND |  | X |
| *Molothrus bonariensis* | ONIV | B | IND |  | X |
| *Sturnella superciliaris* | INSE | B | IND |  | X |
| Thraupidae |  |  |  |  |  |
| *Paroaria dominicana* | GRAN | B | IND | X | X |
| *Tangara fastuosa* | FRUG | M | DEP | X | X |
| *Tangara cyanocephala corallina* | FRUG | M | DEP | X | X |
| *Tangara sayaca* | ONIV | B | SEM | X | X |
| *Tangara palmarum* | ONIV | B | SEM | X | X |
| *Tangara cayana* | FRUG | M | IND | X | X |
| *Nemosia pileata* | INSE | B | DEP |  | X |
| *Sicalis flaveola* | GRAN | B | IND | X | X |
| *Sicalis luteola* | GRAN | M | IND |  | X |
| *Hemithraupis guira* | INSE | B | DEP | X |  |
| *Volatinia jacarina* | GRAN | B | IND | X | X |
| *Coryphospingus pileatus* | GRAN | B | SEM | X |  |
| *Tachyphonus rufus* | ONIV | B | DEP | X | X |
| *Tersina viridis* | FRUG | B | DEP | X | X |
| *Dacnis cayana* | ONIV | B | SEM | X | X |
| *Coereba flaveola* | NECT | B | SEM | X | X |
| *Sporophila lineola* | GRAN | B | IND | X |  |
| *Sporophila nigricollis* | GRAN | B | IND | X | X |
| *Sporophila albogularis* | GRAN | M | IND | X | X |
| *Sporophila leucoptera* | GRAN | B | IND | X |  |
| *Sporophila bouvreuil* | GRAN | M | IND | X |  |
| *Saltator similis* | ONIV | B | SEM | X |  |
| *Thlypopsis sordida* | ONIV | B | SEM | X | X |
| Cardinalidae |  |  |  |  |  |
| *Piranga flava* | ONIV | B | IND | X | X |
| *Cyanoloxia brissonii* | GRAN | M | DEP | X | X |
| Fringillidae |  |  |  |  |  |
| *Spinus yarrellii* | GRAN | A | DEP | X | X |
| *Euphonia chlorotica* | FRUG | B | SEM | X | X |
| *Euphonia violacea* | FRUG | B | DEP | X | X |
| Estrildidae |  |  |  |  |  |
| *Estrilda astrild* | GRAN | B | IND | X | X |
| Passeridae |  |  |  |  |  |
| *Passer domesticus* | ONIV | B | IND | X | X |

**Tabela S2.** Lista de espécies com alta sensibilidade a perturbações ambientais, endêmicas e ameaçadas registradas nos remanescentes da Fazenda Vale do Tabocas e Reserva Particular do Patrimônio Natural Reserva Natural Brejo em Pernambuco, Brasil. Status de conservação - Instituto Chico Mendes de Conservação da Biodiversidade (ICMBio)/ International Union for Conservation of Nature and Natural Resources (IUCN): Em perigo (EN); Vulnerável (VU).

*Table S2. List of bird species with high sensitivity to environmental disturbances, endemic, and threatened recorded in the remnants of the Vale do Tabocas Farm and the Reserva Natural Brejo Private Natural Heritage Reserve in Pernambuco, Brazil.* *Conservation status - Instituto Chico Mendes de Conservação da Biodiversidade (ICMBio)/ International Union for Conservation of Nature and Natural Resources (IUCN): Endangered (EN); Vulnerable (VU).*

| **Nome do táxon** | **Alta sensibilidade** | **Área de endemismo** | **Status** | | **Vale do Tabocas** | **Reserva Brejo** |
| --- | --- | --- | --- | --- | --- | --- |
| **ICMBio** | **IUCN** |
| Cracidae |  |  |  |  |  | |
| *Penelope superciliaris ochromitra* |  | Nordeste |  |  | X |  |
| *Ortalis araucuan* |  | Mata Atlântica |  |  | X | X |
| Accipitridae |  |  |  |  |  | |
| *Geranoaetus melanoleucus* | X |  |  |  | X |  |
| Rallidae |  |  |  |  |  | |
| *Aramides cajaneus* | X |  |  |  | X |  |
| Strigidae |  |  |  |  |  | |
| *Pulsatrix perspicillata pulsatrix* |  |  | VU |  | X |  |
| Trochilidae |  |  |  |  |  | |
| *Anopetia gounellei* | X | Caatinga |  |  | X |  |
| Picidae |  |  |  |  |  | |
| *Picumnus limae* | X | Nordeste |  |  | X | X |
| Psittacidae |  |  |  |  |  | |
| *Eupsittula cactorum* |  | Caatinga |  |  | X |  |
| Thamnophilidae |  |  |  |  |  | |
| *Myrmotherula axillaris luctuosa* |  | Mata Atlântica |  |  |  | X |
| *Formicivora melanogaster bahiae* |  | Nordeste |  |  | X |  |
| *Sakesphorus cristatus* |  | Caatinga |  |  | X |  |
| *Thamnophilus capistratus* |  | Caatinga |  |  | X | X |
| *Thamnophilus caerulescens pernambucensis* |  | Centro Pernambuco | VU |  | X | X |
| Conopophagidae |  |  |  |  |  | |
| *Conopophaga cearae* |  | Nordeste | EN |  | X | X |
| Furnariidae |  |  |  |  |  | |
| *Pseudoseisura cristata* |  | Nordeste |  |  |  | X |
| *Phacellodomus rufifrons specularis* |  | Nordeste |  |  | X | X |
| *Synallaxis infuscata* |  | Centro Pernambuco | EN | EN | X |  |
| Pipridae |  |  |  |  |  | |
| *Ceratopipra rubrocapilla* | X |  |  |  | X |  |
| Onychorhynchidae |  |  |  |  |  | |
| *Myiobius barbatus* | X |  |  |  |  | X |
| Rhynchocyclidae |  |  |  |  |  | |
| *Hemitriccus mirandae* | X | Nordeste | VU | VU | X | X |
| Tyrannidae |  |  |  |  |  | |
| *Stigmatura napensis bahiae* |  | Nordeste |  |  | X |  |
| *Phyllomyias fasciatus cearae* |  | Nordeste |  |  |  | X |
| *Knipolegus nigerrimus hoflingae* |  | Nordeste |  |  | X |  |
| Troglodytidae |  |  |  |  |  | |
| *Cantorchilus longirostris bahiae* |  | Nordeste |  |  | X | X |
| Mimidae |  |  |  |  |  | |
| *Mimus saturninus arenaceus* |  | Nordeste |  |  | X | X |
| Icteridae |  |  |  |  |  | |
| *Icterus jamacaii* |  | Nordeste |  |  | X |  |
| *Anumara forbesi* | X |  | VU | EN | X |  |
| *Agelaioides fringillarius* |  | Nordeste |  |  |  | X |
| Thraupidae |  |  |  |  |  | |
| *Paroaria dominicana* |  | Caatinga |  |  | X | X |
| *Tangara fastuosa* |  | Centro Pernambuco | VU | VU | X | X |
| *Tangara cyanocephala corallina* |  | Centro Pernambuco |  |  | X | X |
| *Sporophila albogularis* |  | Caatinga |  |  | X | X |
| Fringillidae |  |  |  |  |  | |
| *Spinus yarrellii* | X |  | VU | VU | X | X |