Supplemental Tables

Dormancy in metacommunities

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Our clustering results using the data from Cereghino et al. (2018) revealed a subset of strategies for the taxa studied. In this document, we list the taxa that were clustered in the three groups. The figure in the manuscript (Fig. B3.1) shows the relative membership in each cluster, but here we include the full taxonomic information for reference.

Taxa primarily belonging in Cluster 1. These taxa have high capacities for passive dispersal. Their capacities for dormancy, however, span a range of values. Some are high, others low.

|  |  |
| --- | --- |
| Taxon | n |
| Chironomidae | 38 |
| Orthocladiinae | 15 |
| Tanypodinae | 14 |
| Platyhelminthes | 12 |
| Polypedilum | 10 |
| Hirudinea | 9 |
| Oligochaeta | 8 |
| Tanytarsus | 5 |
| Chironominae | 4 |
| Larsia | 4 |
| Metriocnemus | 4 |
| Chironomus | 3 |
| Elmidae | 3 |
| Elpidium | 3 |
| Monopelopia | 3 |
| Sphaeroceridae | 3 |
| Copepoda | 2 |
| Corynoneura | 2 |
| Dero | 2 |
| Dero superterrenus | 2 |
| Elpidium bromeliarum | 2 |
| Limnophyes | 2 |
| Naididae | 2 |
| Phytotelmatocladius delarosai | 2 |
| Pristina | 2 |
| Tanytarsus bromelicola | 2 |
| Aelosoma | 1 |
| Alona bromelicola | 1 |
| Annelida | 1 |
| Apocyclops | 1 |
| Aulophorus superterrenus | 1 |
| Boreochlus | 1 |
| Bryocamptus | 1 |
| Callistocypris mckenziei | 1 |
| Canacidae | 1 |
| Candonopsis kingsleyi | 1 |
| Ceriodaphnia | 1 |
| Ceriodaphnia laticaudata | 1 |
| Chironominae or Tanypodinae | 1 |
| Chironomini | 1 |
| Daphnidae | 1 |
| Elpidium maracaoensis | 1 |
| Eukiefferiella | 1 |
| Gravatamberus | 1 |
| Harnischia | 1 |
| Harpacticoida | 1 |
| Latinopsis | 1 |
| Paratanytarsus | 1 |
| Podonominae | 1 |
| Polypedilum kaingang | 1 |
| Polypedilum marcondesi | 1 |
| Pristina osborni | 1 |
| Rheocricotopus | 1 |
| Smittia | 1 |
| Stempellinella | 1 |
| Stenochironomus atlanticus | 1 |
| Tanytarsini | 1 |

Subset of Cluster 1 taxa with high capacities for dispersal and passive dispersal.

|  |  |
| --- | --- |
| Taxon | n |
| Copepoda | 2 |
| Alona bromelicola | 1 |
| Apocyclops | 1 |
| Bryocamptus | 1 |
| Ceriodaphnia | 1 |
| Ceriodaphnia laticaudata | 1 |
| Daphnidae | 1 |
| Harpacticoida | 1 |

Taxa primarily belonging in Cluster 2. These taxa have high capacities for dormancy and low capacities for passive dispersal. They typically have some capacity for active dispersal.

|  |  |
| --- | --- |
| Taxon | n |
| Diptera | 42 |
| Culex | 28 |
| Wyeomyia | 24 |
| Ceratopogonidae | 22 |
| Psychodidae | 19 |
| Toxorhynchites | 17 |
| Ephydridae | 15 |
| Bezzia | 13 |
| Telmatoscopus | 8 |
| Culicidae | 7 |
| Forcipomyia | 7 |
| Culicoides | 3 |
| Pericoma | 3 |
| Anophelinae | 2 |
| Culex albipes | 2 |
| Culex aphylactus | 2 |
| Culex imitator | 2 |
| Culicinae | 2 |
| Sphaeromias | 2 |
| Trichoptera | 2 |
| Alepia apexalba | 1 |
| Alepia zavortinkii | 1 |
| Anopheles bellator | 1 |
| Anopheles cruzzi | 1 |
| Anopheles homunculus | 1 |
| Anopheles kompii | 1 |
| Anopheles neivai | 1 |
| Anopheles or Wyeomia or Culex | 1 |
| Culex antillummagnorum | 1 |
| Culex bisulcatus | 1 |
| Culex carioca | 1 |
| Culex daumastocampa | 1 |
| Culex daumastocampa or jenningsi or rejector | 1 |
| Culex daumasturus | 1 |
| Culex davisi | 1 |
| Culex hedys | 1 |
| Culex inimitabilis | 1 |
| Culex jenningsi | 1 |
| Culex neglectus | 1 |
| Culex rejector | 1 |
| Culex shopei | 1 |
| Culex siphanulatus | 1 |
| Culex stonei | 1 |
| Culex worontzowi | 1 |
| Dasyhelea | 1 |
| Dasyheleniae | 1 |
| Haemagogus | 1 |
| Limatus durhami | 1 |
| Nematocera | 1 |
| Orthopodomyia | 1 |
| Phylloicus bromeliarum | 1 |
| Psychoda romeroii | 1 |
| Runchomyia frontosa | 1 |
| Stilobezzia | 1 |
| Toxorhynchites guadeloupensis | 1 |
| Toxorhynchites haemorroidalis | 1 |
| Toxorhynchites portoricensis | 1 |
| Toxorhynchites purpureus | 1 |
| Toxorhynchites solstitiales | 1 |
| Toxorhynchites theobaldi | 1 |
| Toxorhynchites trichopygus | 1 |
| Wyeomyia abebela | 1 |
| Wyeomyia abebela or ccircumcincta or melanopus | 1 |
| Wyeomyia aphobema | 1 |
| Wyeomyia circumcincta | 1 |
| Wyeomyia edwardsi | 1 |
| Wyeomyia edwardsi or mulhensi or theobaldi | 1 |
| Wyeomyia forattinii | 1 |
| Wyeomyia forcipenis | 1 |
| Wyeomyia greyii | 1 |
| Wyeomyia melanopus | 1 |
| Wyeomyia mitchellii | 1 |
| Wyeomyia mulhensi | 1 |
| Wyeomyia pallidoventer | 1 |
| Wyeomyia palmata | 1 |
| Wyeomyia pseudopecten | 1 |
| Wyeomyia splendida | 1 |
| Wyeomyia theobaldi | 1 |

Taxa primarily belonging in Cluster 3. These taxa have low capacities for dormancy, and relatively low capacities for active dispersal.

|  |  |
| --- | --- |
| Taxon | n |
| Cecidomyiidae | 22 |
| Forcipomyiinae | 18 |
| Syrphidae | 18 |
| Brachycera | 17 |
| Tipulidae | 17 |
| Coleoptera | 16 |
| Tabanidae | 16 |
| Scirtidae | 15 |
| Heteroptera | 14 |
| Atrichopogon | 13 |
| Corethrella | 13 |
| Empididae | 11 |
| Dolichopodidae | 10 |
| Copestylum | 9 |
| Trentepohlia | 9 |
| Dytiscidae | 8 |
| Hydrophilidae | 7 |
| Limoniinae | 7 |
| Sciaridae | 6 |
| Phoridae | 5 |
| Limoniidae | 4 |
| Stratiomyidae | 4 |
| Aedes | 3 |
| Corethrellidae | 3 |
| Meromacrus | 3 |
| Olbiogaster | 3 |
| Scirtes | 3 |
| Brachypremna | 2 |
| Ceratopogoninae | 2 |
| Coenagrionidae | 2 |
| Eristalinae | 2 |
| Eristalis | 2 |
| Hermetia | 2 |
| Lampyridae | 2 |
| Leptagrion andromache | 2 |
| Leptoconopinae | 2 |
| Microvelia | 2 |
| Polyphaga | 2 |
| Ptilodactylidae | 2 |
| Scatopsidae | 2 |
| Sphaeridiinae larva | 2 |
| Thaumaleidae | 2 |
| Aedes albopictus | 1 |
| aff. Drosophilidae | 1 |
| Anisopodidae | 1 |
| Aulacigaster | 1 |
| Axymyiidae | 1 |
| Bromeliagrion | 1 |
| Celina | 1 |
| Cheilotrichia | 1 |
| Contacyphon | 1 |
| Copelatus bimaculatus | 1 |
| Corethrella belkini | 1 |
| Corethrella fulva | 1 |
| Corethrella infuscata | 1 |
| Ctenophorinae | 1 |
| Fidena | 1 |
| Fidena rufopilosa | 1 |
| Gerridae | 1 |
| Hexatominae | 1 |
| Lejops barbiellinii | 1 |
| Leptagrion | 1 |
| Leptagrion bocainense | 1 |
| Leptagrion bocainense or macrurum | 1 |
| Leptagrion elongatum | 1 |
| Leptagrion macrurum | 1 |
| Leucotabanus | 1 |
| Limonia | 1 |
| Limoniini | 1 |
| Mecistogaster modesta | 1 |
| Mesoveliidae | 1 |
| Ocyptamus | 1 |
| Omicrus ingens adult | 1 |
| Omicrus ingens larva | 1 |
| Ormosia | 1 |
| Palpada | 1 |
| Paravelia | 1 |
| Periscelididae | 1 |
| Pipiza | 1 |
| Quichuana | 1 |
| Rhabdomastrix | 1 |
| Sphaeridiinae adult | 1 |
| Sphaerodinae | 1 |
| Stibasoma bicolor | 1 |
| Stibasoma fulvohirtum | 1 |
| Tipula | 1 |
| Tipulinae | 1 |
| Trentepohlia dominicana | 1 |
| Veliidae | 1 |
| Xilota | 1 |
| Zigoptera | 1 |