

S1 Text. Summary of functional group attribution

Carrion associated fauna:

Strict association: Diptera larvae (maggots): Calliphoridae and Sarcophagidae

Coleoptera: Silphidae, Trogidae, Cleridae, Nitidulidae: *Omosita colon*, Histeridae: *Margarinotus brunneus*, Staphylinidae: *Bisnius cephalotes*, *Creophilus maxilosus*, *Philontus politus*, *P. succicola*.

Weak association: Coleoptera Histeridae: *Margarinotus carbonarius*, *M. neglectus*, Staphylinidae: *Aleochara bipustulata*, *A. lanuginosa*, *Anotylus sculpturatus*, *Anotylus tetracarinatus*, *Atheta atramentaria*, *Atheta triangulum*, *Bisnius fimetarius*, *B. sordidus*, *Gyrophypnus fracticornis*, *Omalium rivulare*, *Oxytelus laqueatus*, *Philontus intermedius*, *P. splendens*, *P. varians*, *Platystethus arenarius*, *Rugilus rufipes*, *Tachinus laticollis*.

Dung associated fauna:

Strict association: Coleoptera Scarabaeidae: *Aphodius* sp. and *Onthophagus* sp., Hydrophilidae: *Cercyon* sp., *Cryptopleurum minutum*, *Sphaeridium* sp., Staphylinidae: *Oxytelus laqueatus*, *Tachinus laticollis*, *T. rufipes*.

Weak association: Coleoptera Histeridae: *Margarinotus carbonarius*, *Margarinotus neglectus*, Ptiliidae: *Ptenidium nitidum*, Scarabaeidae: *Oxyomus sylvestris*, Staphylinidae: *Acrotona aterrima*, *Aleochara bipustulata*, *A. lanuginosa*, *Anotylus sculpturatus*, *A. tetracarinatus*, *Atheta longicornis*, *A. triangulum*, *Bisnius fimetarius*, *Omalium rivulare*, *Oxypoda acuminata*, *Philonthus intermedius*, *P. laminatus*, *P. splendens*, *P. varians*.

Predators:

Araneae and Opiliones, Chilopoda, Staphylinidae not associated with carrion or dung, some Carabidae, Cantharidae, Coccinellidae, Histeridae: *Kissister minimus*, Heteroptera: Anthocoridae, Nabidae, Saldidae, Miridae: *Chalamidatus*

Herbivores:

Auchenorrhyncha, Psylloidea, Coleoptera: Brentidae, Chrysomelidae, Elateridae, Curculionidae, Kateretidae, Scarptiidae, Nitidulidae (excl *Omosita*), Phalacridae, Pyrochroidae, Heteroptera: Lygaeidae, Miridae, excl *Chlamidatus saltitans*, Tingidae, larvae of Diptera Tephritidae and Lepidoptera living in the flower heads of *Carduus crispus*.

Detritivores (all species depending on dead organic matter, other than carrion and dung, incl. species feeding on fungi):

Isopoda, Diplopoda, Dermaptera, Coleoptera: Clambidae, Corylophidae, Cryptophagidae, Hydrophilidae, Hydraenidae, Latridiidae, Leiodidae, Monotomidae, Ptiliidae, Scirtidae.