The mighty earthworm: encouraging a diversity of earthworms in your garden.

An earthworm is a tube-shaped, segmented worm worms. found in the phylum Annelida. They are commonly found living in soil, feeding on love and dead organic An earthworm's digestive system runs through the length of its body.



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etation. Certain species of earthworms come to the ing, such as brandling worms. surface and graze on the higher concentrations of Enriched vegetable beds seem particularly to the likal soil. Because a high level of organic matter mixing mulching ornamental beds every couple of years. is associated with soil fertility, an abundance of By allowing some leaves to fall onto the soil and letearthworms is generally considered beneficial by ting plants die down naturally in winter, flower beds farmers and gardeners. In fact, as long ago as will favor high numbers of surface-feeding (epigeic) as have these lowly organized creatures."

Some species are great composters, breaking down garden waste; some act as mini-diggers and aerators of soil; while others pull dead leaves down for the surface, locking it into the soil and helping to release its nutrients. A soil teeming with earthworms is easier to work, supports more productive, healthier plants, and is more resilient against drought and waterlogging. Gardening in ways that are sympathetic for worms is well worthwhile.

What to expect of your soil type More earthworms -- especially the soil-feeding ones -

- tend to be found in clay soils than in sandy ones. This is thought to be due to clay soils staying wetter than lighter soils, and also because such soils contain higher nutrient and organic matter levels. But even light soils can be improved as habitats for

EARTHWORMS in the ECOSYSTEM



Pile on the muck

All species of earthworms feed on decaying or-Earthworms work as biological "pistons," forcing air ganic matter, so take every opportunity to work through the tunnels as they move. Thus, earthworm green-waste compost, manure or leaf mold into activity aerates and mixes the soil, and is conducive your soil. As an added bonus, making your own to mineralization of nutrients and their uptake by veq- compost supports species that specialize in compost-

organic matter present there, mixing it with the miner- ing of many worms. Unless slugs are a menace, try

1881, Charles Darwin wrote: "It may be doubted worms. And there is no harm in letting a little leaf whether there are many other animals which have litter collect in hedge bases or under shrub plantings; played so important a part in the history of the world, deep-burrowing (anecic) worms will draw the leaves down into the soil.





Trumpet Vine

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Modern mulching mowers that recycle chopped-up and those with real grass and not artificial turf are for keeping worms busy.

Use a soft touch

Since worms need moist soil and plant waste to work (2018, December). Encouraging a diversity of earththeir magic, gardens with minimal hard landscaping worms in your plot. The Garden vol. 143, p. 12

grass clippings directly back into the lawn are great best. Common sense suggests digging is not great for earthworms; but provided the soil is improved with organic matter, their numbers remain high in dug soils despite any disturbance.