

Anphu Earthworm Farm benefits from the land of 50 kilometers far away from Hochiminh city - Vietnam, is an agriculture center of country with rain and shine weather, this is a good condition for it's earthworm develops.

Established in 2003, An Phu Earthworm Farm has been constantly expanding its production area. Resently, the total worm bin area amounts to 40.000 square meters with the output over 40 metric tons of fresh earthworm and over 1000 metric tons of worm casting yearly.

Being the main supplier in earthworm powder, fresh earthworm and vermicompost for the purpose of extra food, poultry food, fertilizer, vermicompost for the Vietnamese market and 70% of our product are exported to Thailand, Malaysia, Australia, Germany...Beside that, now a day, we develop our business with freshwater worm, this is real discus, beta, gold fish food that is very popular in Vietnam.

We hope to establish long term trade cooperation with the factories, fertilizer companies, herbal, earthworm meal and west medicine plants whose business are related with earthworm and aquaculture.



Perionyx Excavatus



Earthworm Harvest



Dried earthworm



Freeze earthworm

### Company information:

Company Name:

**CÔNG TY TNHH SẢN XUẤT - THƯƠNG MẠI TRÙN QUẾ AN PHÚ**

English Name: **ANPHU EARTHWORM CO., LTD**

License No: 4102056754 - Hochiminh city Department of Planning and Investment.

Tax Code: 0305377427

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## About Perionyx Excavatus

*Perionyx excavatus* is a beautiful worm with an iridescent blue or violet sheen to its skin clearly visible under bright light. It is a very small worm, poorly suited as fishing bait, but has an impressive growth and reproductive rate far in excess of the other species grown in bin culture.

This is another tropical worm species with a very poor tolerance for low temperatures, fluctuations in the bin environment, handling or disruption to the system. *P. excavatus* is often referred to as "the Traveler" for its tendency to leave the bin en masse for no apparent reason.

Due to its temperamental nature this species is used in vermicomposting systems in North America, though it is naturally occurring at low population levels in systems in contact with the soil in the southeastern US and most tropical regions of the world.

- Temperature range: Minimum; 45° F, maximum; 90° F, ideal range; 70° F-80° F.
- Reproductive rate: Approximately 19 young per worm per week under ideal conditions.
- Average number of young per cocoon: Approximately 1.
- Time to emergence from the cocoon: Approximately 15-21 days under ideal conditions.

Time to sexual maturity: Approximately 30-55 days under ideal condition

The *Perionyx excavatus* (india blue, bark worms, spiketails) can be easily distinguished from the *Eisenia fetida* by several factors.

1. The *Perionyx excavatus* lacks the alternate light & dark banding of the *E. fetida*.
2. The *Perionyx excavatus* clitellum covers segments 13-17 whereas the clitellum of the *Eisenia Fetida* covers segments 25-30. In laymans' terms, that means that the "collar" of the mature *P. excavatus* is much closer to its head than the *E. fetida*'s. This can be seen in the image above.
3. The *Perionyx excavatus* is considerably faster than the *E. fetida*.
4. The *Perionyx excavatus* leaves water incredibly faster than the *E. fetida*.
5. *P. excavatus* tends to have a pale colored clitellum that covers segments 13-17 and, for those inclined to look, has a single dorsal pore visible using a hand lens on segment 14, paired sperm pores at the juncture of segments 7/8 and 8/9, a pair of slit-like pores on segment 18, and paired rows of excretory pores on each segment along the side of the worm body. Per Kelly Slocum
6. The *Perionyx excavatus* is much thinner than the *E. fetida*, thus making the *P. excavatus* much more difficult to use as a bait worm but this very good in vermicompost.
7. The *Perionyx excavatus* has an iridescent blue