



Bioactive Enclosure Planning Worksheet

✿ What animal is going in my enclosure?

✿ What style enclosure will my animal need?

✿ Arboreal

✿ Terrestrial

✿ Fossorial

✿ Aquatic/Semi-Aquatic

✿ What size enclosure will I need?

- What is the recommended size for my animal?
- How much space will I lose to backgrounds, water features, plants, and substrate?
- Considering the lost space, should I choose a larger terrarium to compensate?
 - Will my animal have enough space for exercise?
 - Is there space for temperature and humidity gradients?
- Do I have space in my home for this size enclosure (away from direct sunlight or vents)?

✿ What atmosphere does my animal thrive in?

- What temperature range is best for them?
 - Will I need to add heat to achieve this?
- Will they need a basking spot?
 - If so, how will I achieve this?
- What UV index does my animal require?
 - What bulb will achieve this, and at what distances?

🌿 What atmosphere does my animal thrive in? (continued)

- What humidity range is best for them?
 - Will I need anything to add humidity?
- How will I place these elements for optimization?

🌿 What hardscaping elements am I adding to my enclosure?

- What wood am I adding to my enclosure?
 - is it suited to my animal's optimal atmosphere?
 - Have I confirmed the wood to be nontoxic for my animal?
- What rocks or stones am I adding to my enclosure?
 - Have I confirmed the rocks to be nontoxic for my animal?
- How am I going to place my hardscaping elements?
 - Do I have enough basking spots?
 - Do I have enough hiding spots?
 - Do I have places to climb?
- How am I going to secure the elements for my animal's safety?
- Are there any inadvertent hiding places my animal could get trapped in?
- What dishes do my animal need, and where will they be placed?

🌿 What kind of substrate will my animal need?

🌿 Semi-Arid

🌿 Sub-Tropical

🌿 Tropical

- Do I need a substrate to support plants?
 - Will I need a drainage layer?
- Do I need a substrate to support burrows?

🌿 Will I be adding plants to the enclosure?

- What plants do well in my animal's optimal environment?
 - Of these, what plants are safe for my animal?
- Are they hardy enough to survive my animal's movements?
- Will I water my plants in the enclosure, or will I need to take them out for watering?
- How much maintenance will these plants need?

🌿 What microfauna am I adding?

- What microfauna do well in the enclosure's environment?
 - How will I provide nutrition for the microfauna aside from animal waste?
- Is there a concern about my animal eating them?
 - If so, what am I planning to do to maintain their population?
- Will my animal be laying eggs?
 - If so, do my planned microfauna pose any danger to those eggs?

🌿 Do I have time for the enclosure to establish before introducing an animal?

- If not, where is the animal going to live until the enclosure is ready?

🌿 Where am I going to source my supplies for the build?

- pangeareptile.com of course!