

## Manu Minerals: Provide the Minerals Nature Intended

*Drs. Foster & Smith Educational Staff*

# A story of clay licks

Deep in the Amazon rainforest, along the Manu River, there stand clay cliffs well-known for their spectacular and ever-changing colors. Why are they so colorful?



Because nearly 1,000 species of tropical birds, including Scarlet Macaws, Yellow-crowned Amazons, and Blue-headed Pionus, alight on these cliffs at one time or another to consume the minerals deposited in the clay. These are called clay licks, areas where birds (or mammals) come to eat nutritious soil. The Manu clay licks are rich in minerals essential for tropical species' diets.

Nine minerals have been identified from these deposits:

- Calcium
- Iron
- Copper
- Manganese
- Magnesium
- Phosphorus
- Zinc
- Potassium
- Sodium



Your caged tropical bird needs these minerals, too. Fortunately, birds have at the tips of their feathers [Manu Minerals](#), [Manu Mineral Perch](#), and [Mineral Logs](#), created to simulate this specific blend of minerals, including the texture and color. These minerals may help deflect any deficiencies your bird's diet has, and their hard texture helps keep birds' beaks in shape. Why not give your bird what he craves naturally?

