



Dr. Randall at Sipaden Island, Sabah in 1995. ©Ian Marsh.

“**T**he single most effective management tool to maintain reef biodiversity and restore depleted fisheries is the Marine Protected Area (MPA). MPAs allow fishes to grow to full reproductive maturity. For example the Bluefin Trevally (*Caranx melampygus*), needs to be 12 inches long to reach maturity. A 27-inch female lays 84 times more eggs than a 12-inch one. The larvae from these large mature fish provide recruitment to the overexploited areas. As the population of fishes builds up in the protected area, some fish move away. Fishermen have discovered that the best fishing is outside an MPA - and in some cases ask that the protected areas be enlarged! The Marine Aquarium Council works to ensure that MPAs are created as the basis for a responsible and sustainable marine aquarium trade and hobby.”

John E. Randall, PhD
Senior Ichthyologist, Bishop Museum, Honolulu

**Healthy
Reefs
Healthy
Fish
Healthy
Hobby**



(808) 550-8217

info@aquariumcouncil.org

www.aquariumcouncil.org