

# Parasitic invasion of exotic lizards from private breeding and pet shops

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Breeding of exotic lizards in home is an alternative for people who wants to have an animal but they don't have much time. Reptiles in terrarium don't need long walks and time consuming hygienic procedures. If we have well designed terrarium every day care of our reptile may take only several minutes. Buying we choose animal which is clinically healthy, however we don't have coproscopy findings.

The material was feces of lizards from pest stores and private breedings. Tests done by floatation method according to Fullebom with saturated solutions of NaCl, Fecalyzer method and sedimentation method. Test results was marked with zoom 100 according to following indication: <10 eggs in sight (+), 10–30 eggs in sight (++) , 30–50 eggs in sight (+++) , >50 eggs in sight- unable to count (++++).

Tests shown that most of lizards, in pet stores and private breedings, was infected by intestinal parasites. The most frequently reported was threadworm (Oxyuridae), next was coccidia (*Isospora*) and Ancylostomatidae. In individual cases reported was *Capillaria* sp., Stronyloididae and eggs of trematodes. In feces of several leopard geckos reported was cysts of *Cryptosporidium* sp. in one case of bearded dragon was found eggs of Pentastomida. This is first documented detection of Pentastomida in bearded dragon in Poland.

## Literature

- [1] Klingenberg J. Roger: Understanding Reptile Parasites. The Herpetocultural Library, Advanced Vivarium Systems Irvine California
- [2]. Frye F. L.: Biomedical and surgical aspects of captive reptile husbandry. Krieger Publishing Company Florida 1991