

The Use of Herbs for a Treatment of Notoedric Mange in Cat

Sombat Pipatanametha^{1*}, Pachsita Narumitsriarnon¹

¹Faculty of Veterinary Medicine, Western University,
Kanchanaburi Campus, Huaikrachao, Kanchanaburi, 71170 Thailand

Abstract An 11-year-old, short-haired, spayed female cat with a clinical sign of scabies lesion over its head. The cat's body weight was 3.6 kilograms with a 3/5 of body condition score. The skin at the lesion area was scrapped and examined under a light microscope. Under the microscopic examination, several adults of notoedric mange and eggs were found. The cat has been treated with 6% selamectin topical spot-on every 2 weeks during the last 4 months. However, the clinical sign was not improved and, we found skin erythema caused by the topical medication. This case report describes a use of *Stemona collinsae* in combination with *Curcuma longa* for treating notoedric mange in cat. The result showed that an herbal combination made from 80 ml of boil water extract from *Stemona collinsae* Ceraib and 25 grams of *Curcuma longa* Linn powder was appropriate to be used for a treatment of feline notoedric mange. Since an herbal formula at this concentration did not cause any adverse reaction on the skin. Moreover, the formula could remain at a site of application long enough, and markedly reduced a severity of the clinical signs after the application. The improvement of the clinical signs also can be observed by a reduction of skin inflammation and a regrowth of hair over the affected region within 14 days.

Keywords: herb, *Stemona collinsae* Ceraib, *Curcuma longa* Linn., scabies, cat
