เอกสารอ้างอิง

[1] International Union for Conservation or Nature and Natural Resources. IUCN Red List of Threatened Species. 2009 [cited January 2009 27th, 2010]; from:http://www.iucnredlist.org.

[2] Convention on International Trade in Endangered Species of Wild Fauna and Flora. 2010 [cited January 27th, 2010]; Available from: http://www.cites.org.

[3] Dhole. 2010 [cited January 27th, 2010]; Available from: http://www.verdantplanet.org.

[4] Durbin LS, Venkataraman A, Hedges S, Duckworth W. Dhole (*Cuon alpinus*). In: Sillero-Zubiri C, Hoffmann M, Macdonald DW, editors. Canids: foxes, wolves, jackals and dogs. Status Survey and Conservation Action Plan. IUCN/SSC Canid Specialist Group, Gland, Switzerland and Cambridge, 2004.

[5] Venkataraman A, Johnsingh AJT. Dholes. In: Macdonald DW, Sillero-Zubiri C, editors. Biology and conservation of wild canids. Oxford: Oxford University Press; 2004. p. 323-36.

[6] Fox MW. The Whistling hunters: Field studies of the Asiatic Wild Dog (*Cuon Alpinus*). Albany: State University of New York Press; 2004.

[7] กองทุนสัตว์ป่าโลก สำนักงานประเทศไทย. สัตว์เลี้ยงลูกด้วยนมในประเทศไทยและภูมิภาคอินโดจีน. กรุงเทพ: โรงพิมพ์กรุงเทพ (1984) 2543.

[8] Paulraj S, Sundararajan N, Manimozhi A, Sally W. Reproduction of the Indian wild dog (*Cuon alpinus*) in captivity. Zoo Biol. 1992; 11(4): 235-41.

[9] Songsasen N, Rodden M, Brown JL, Wildt DE. Patterns of fecal gonadal hormone metabolites in the maned wolf (*Chrysocyon brachyurus*). Theriogenology. 2006; 66(6-7): 1743-50.

[10] Velloso AL, Wasser SK, Monfort SL, Dietz JM. Longitudinal fecal steroid excretion in maned wolves (*Chrysocyon brachyurus*). Gen Comp Endocrinol. 1998; 112(1): 96-107.

[11] KingMW. Steroid hormones. 2009[January 27th, 2010]; Available from: www.themedicalbiochemistrypage.org.

[12] วัฒนา วัฒนาภา, สุพัตรา โล่ห์สิริวัฒน์, สุพรพิมพ์ เจียสกุล, บรรณาธิการ. สรีรวิทยา 1. พิมพ์ครั้งที่ 5. กรุงเทพ: ภาควิชาสรีรวิทยา คณะแพทยศาสตร์ศิริราชพยาบาล มหาวิทยาลัยมหิดล, 2547.

[13] Brown JL. Wildlife endocrinology manual. Front Royal (VA): Conservation and Research Center Endocrine research laboratory; 2008.

[14] Palme R, Fischer P, Schildorfer H, Ismall MN. Excretion of infused 14C-steroid hormone via faeces and urine in domestic livestock. Anim Reprod Sci. 1996; 43: 43-63.

[15] Monfort SL, Wasser SK, Mashburn KL, Burke M, Brewer BA, Creel SR. Steroid metabolism and validation of noninvasive endocrine monitoring in the African wild dog (*Lycoon pictus*). Zoo Biol. 1997; 16: 533-48.

[16] Cunningham JG, Klein BG. Textbook of veterinary physiology. 4th ed. St.Loius: Saunders, 2007.

[17] Reece WO. Physilogy of domestic animals. 2nd ed: Baltimore : Williams & Wilkins, 1997.

[18] Pineda MH, Dooley MP, editors. McDonald's veterinary endocrinology and reproduction. 5th ed. Ames, Iowa: Iowa State Press, 2003.

[19] เกษกนก ศิรินฤมิตร. วิทยาระบบสืบพันธุ์สุนัขเพศเมีย. กรุงเทพ:โปรพริ้นท์ พรีเพรส, 2548.

[20] Houpt KA. Domestic animal behavior for veterinarians and animal scientists. 3rd ed. London: Manson Publishing, 1998.

[21] Colle HH, Cupps PT, editors. Reproduction in domestic animals. London: Academic Press, 1977.

[22] ทัศนีย์ อภิชาติสรางกูร. ระบบสืบพันธุ์ในสัตว์เลี้ยง. พิมพ์ครั้งที่ 2. เชียงใหม่: โรงพิมพ์มิ่งเมือง, 2544; หน้า 49-50.

[23] วัชระ กสิณฤกษ์. แอนติบอดีทฤษฎีและการประยุกต์ใช้. เชียงใหม่: ดาราวรรณการพิมพ์, 2551; หน้า 89-90.

[24] Crowther JR. Methods in molecular biology the ELISA guidebook. Humana press Inc. Totowa(NJ), 2001; p 10-11.

[25] เพ็ญพรรณ อัศวกุล, โอทอง สวัสดีมงคล, บรรณาธิการ. Liquid chromatography ในงานวิเคราะห์. กรุงเทพ : บริษัทประชาชน จำกัด, 2539.

[26] Brown JL, Wasser SK, Wildt DE, Graham LH. Comparative aspects of steriod hormone metabolism and ovarian activity in felids, measured noninmasively in feces. Biol Reprod 1994; 51: 776-86.

[27] Brown JL, Wasser SK, Wildt DE, Graham LH, Monfort SL. Faecal steriod analysis for monitoring ovarian and testicular function in diverse wild carnivore, primate and ungulate species.In 1st International symposium on physiologie and ethology of wild and zoo animals; 1997 September 18-21 , 1996; Berlin:Gustav Fischer, 1996.

[28] Lasley BL, Kirkpatrick JF. Mornitoring ovarian function in captive and free-ranging wildlife by means of urinary and fecal steroid. J Zoo Wildl Med. 1991; 22: 23-31.

[29] Schwarzenberger F, Mostl E, Palme R, Bamberg E. Faecal steroid analysis for non-invasive monitoring of reproductive status in farm, wild and zoo animals. Anim Reprod Sci. 1996; 42: 515-26.

[30] Graham LH, Schwarzenberger F, Mostl E, Galama W, Savage A. A versatile enzyme immunoassay for the determination of progestogens in feces and serum. Zoo Biol. 2001; 20: 227-36.

[31] Munro CJ, Stabenfeldt GH, Cragun JR, Addiego LA, Overstreet JW, Lasley BL. The relationship of serum estradiol and progesterone concentrations to the excretion profiles of their major urinary concentrations to the excretion profiles of their major urinary metabolites as measured by enzyme-immunoassay and radioimmunoassay. Clin Chem. 1991; 37: 838-44.

[32] Walker SL, Waddell WT, Goodrowe KL. Reproductive endocrine patterns in captive female and male red wolves (*Canis rufus*) assessed by fecal and serum hormone analysis. Zoo Biol. 2002; 21: 321-35.

[33] Gudermuth DF, Concanon PW, Daels PF, Lasley BL. Pregnancy-specific evaluation in fecal concentrations of estradiol, testosterone and progesterone in the domestic dog (*Canis familiaris*). Theriogenology. 1998; 50: 237-48.

[34] Valdespino C, Asa CS, Bauman JE. Estrous cycles, copulation, and pregnancy in the fennec fox(*Vulpes zerda*). J Mammal. 2002; 83(1): 99-109.

[35] Wildt DE, Levinson CJ, Seager SWJ. Laparoscopic exposure and subsequential observation of the ovary of the cycling bith. Anat Rec. 1977; 189: 443-50.

[36] Smith MS, Macdonald LE. Serum levels of luteinizing hormone and progesterone during the estrous cycle, pseudopregnancy and pregnantcy in the dog. Endocrinology. 1974 94(2):404-12.

[37] Bonin M, Mondain-Monval M, Dutourne B. Oestrogen and progesterone concentrations in peripheral blood in pregnant red foxes (Vulpes). J Reprod Fertil. 1978; 54: 37-41.

[38] Seal US, Plotka ED, Mech LD. Endocrine correlates of reproduction in the wolfl I. serum progesterone, estradiol and LH during the estrous cycle. Biol Reprod. 1979; 21: 1057-66.

[39] Concanon PW. Canine pregnancy and parturition. Vet Clin North Am: Small Anim Pract. 1986; 16: 453-75.

[40] Concanon PW, Tsutsui T, Shille V. Embryo development, hormonal requirements and maternal responses during canine pregnancy. J Reprod Fertil. 2001; 57: 169-79.

[41] Dial GD, Dziuk PJ. Relationship between number of induced ovulations in the prepubertal gilt to the level of progesterone and to the number of spontaneous postpuberteal ovulation. J Anim Sci. 1983; 57: 1260-9.

[42] Jarrel VL, Dziuk PJ. Effects of number of corpura lutea and fetuses on concentrations of progesterone in blood of goats. J Anim Sci. 1991; 69: 770-3.

[43] Paulraj S, Sundararajan N, Walker AMS. Reproduction of the Indian wild dog (*Cuon alpinus*) in captivity. Zoo Biol. 1992; 11(4): 235-41.

[44] Seal US, Plotka ED, Mech D, Packard JM. Seasonal metabolite and reproductive cycles in wolves. In: Frank H, editor. Man and wolf: advances, issues, and problems in captive wolf research. Dordrecht, Neteherlands: Dr. W. Junk Publishers; 1987; p. 109-25.

[45] Edqvist LE, Jaohansson EDB, Kasstrom H, Olsson SE, Richkind M. Blood plasma levels of progesterone and oestradiol in the dog during the oestrous cycle and pregnancy. Acta Endocrinol. 1975; 78: 554-64.

[46] Hay MA, King WA, Gartley CJ, Goodrowe KL. Correlation of periovulatory serum and fecal progestins in the domestic dog. Can J Vet Res. 2000; 64: 59-63.

[47] Olson PN, Bowen RA, Behrendt MD, Olson JD, Nett TM. Concentrations of reproductive hormones in canine serum throughout late anestrus, proestrus and estrus Biol Reprod. 1982; 27: 1196-206.

[48] Wildt DE, Panko WB, Chakraborty PK, Seager SWJ. Relationship of serum estrone, estradiol 17 beta and progesterone to LH, sexual behaviour and time of ovulation in the bitch. Biol Reprod. 1979; 20: 648-58.

[49] Concanon PW, Hansel W, Mcentree K. Changes in LH, progesterone and sexual behaviour associated with preovulatory luteinization in the bitch. Biol Reprod. 1977(17): 604-13.

[50] Wasser SK, Velloso AL, Rodden MD. Using fecal steriods to evaluate reproductive funtion in female maned wolves. J Wildl Manage. 1995; 59: 889-94.

[51] Fram LH, Malcolm JR, Frame GW, Lawich VH. Social organization of African wild dog (*Lycaon pictus*) on the Serengeti Plains, Tanzania 1967-1978. Zeitschrift fur Tierpsychologie 1979; 50: 225-49.

[52] Forsberg M, Fougner JA, Hofmo PO, Madej M, Einarsson EJ. Photoperiodic regulation of reproduction in the male silver fox (*Vulpes vulpes*). J Reprod Fertil. 1989; 87: 115-23.