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Capillariasis of the anal sacs of raccoons (*Procyon lotor*) and a possible association with anal-sac impaction. Amir N. Hamir. J Vet Diagn Invest 10: 371-373, pp. 371-373, 1998. Code 9-O.

Giant-cell osteosarcoma in a female ranch mink (Mustela vison). Igor Mikaelian, B. Martineau-Doizé, D. Martineau. Journal of Veterinary Diagnostic Investigation, Vol. 10, No. 3, pp. 301-302, 1998. Code 9-M.

**Dioctophyma renale in ranch mink.** N.W. Dyer. J Vet Diagn Invest 10:111-113, 1998. Code 9-M.

**Outbreak of lung plasmacytosis.** M. Chriel. Dansk Pelsdyravl, Vol. 61 (10), pp. 431, 1998. In DANH. Code 9-M.

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#### Notes

#### **SCIENTIFUR**

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Here close to the summer season at the northern hemisphere, the scientific subcommittee under the arrangement committee for the VII International Scientific Congress in Fur Animal Production and other experts are very busy reviewing the reports received for presentation at the congress in Kastoria Greece, 13-15 September of this year. The final papers - the Proceedings- are planned to be printed in the form of SCIENTIFUR No. 3 or 4, 2000 and are also planned to be available on the IFASA website at the address: <a href="http://wwwIFASANET.ORG">http://wwwIFASANET.ORG</a> after the congress.

We think it must been a surprise for some of you to find contents, notes and all the original reports from SCIENTIFUR vol. 24. No. 1 at the IFASA web-site. We hope to increase the quality of the figures both in the written and the electronic version in the future.

As stated in Notes in the previous issue of SCIENTIFUR the future of SCIENTIFUR will be an important issue to discuss during the congress. It could therefore be good, if interested members discuss this problem in their local environment, so that as many as possible is involved in the process. It is my personal plan to quit the job as editor of SCIENTIFUR at the end of this year. I feel that 25 years incl. the starting-up procedures should be enough for me - and for you too.

I am very glad that we succeeded in getting the SCIENTIFUR INDEX started up after the first 10 years. At the time we did not have access to standard index-programmes, therefore a young enthusiastic nephew made the programme for us.

This is also the reason why it is less advanced than the modern INDEX-programmes. But it works, and contains more than 8000 titles of scientific or technical reports regarding Fur Animal Research and Production. All now to be found on the IFASA web-site. It has been the policy not to bring abstracts or titles in SCIENTIFUR if we did not have copy of the entire report on hand. Therefore about 98% of the titles will also be found as full report in the SCIENTIFUR files placed at Oslo Fur Centre, and will hopefully be stored for the coming decades together with the other OLD SCIENTIFUR MATERIAL, and thus be available for those, who need to take a look into the past.

Excuse me for having been a little bit nostalgic in the later Notes, but just like I may feel responsible for the past of SCIENTIFUR, I hope that YOU will have some feelings for the future.

As written in the constitutions of IFASA, you can only vote if you are a personal member or member via Institutional membership. Therefore make sure that your payments for membership are up to date.

See you in Kastoria.

Best regards

Gunnar Jørgensen Your editor