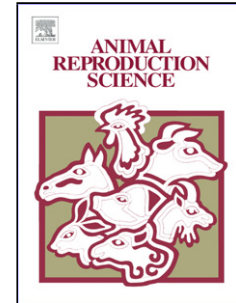


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Identification of putative volatile sex pheromones in female domestic dogs (*Canis familiaris*)

Michał Dzieciol^a, Martyna Woszczylo^a, Antoni Szumny^b, Tadeusz Jezierski^c, Robert Kupczyński^d, Ewa J. Godzińska^e, Barbara Pieczewska^a, Wojciech Niżański^a

^aWrocław University of Environmental and Life Sciences, Department of Reproduction, 50-366 Wrocław, Plac Grunwaldzki 49, Poland

^bWrocław University of Environmental and Life Sciences, Department of Chemistry, 50-375 Wrocław, C.K. Norwida 25, Poland

^cInstitute of Genetics and Animal Breeding of Polish Academy of Sciences, Department of Animal Behavior, Jastrzębiec, 05-552 Magdalenka, Poland

^dWrocław University of Environmental and Life Sciences, Department of Environment Hygiene and Animal Welfare, Wrocław University of Environmental and Life Sciences, 51-630 Wrocław, Poland

^eLaboratory of Ethology, Nencki Institute of Experimental Biology of the Polish Academy of Sciences, Pasteur St. 3, PL 02-093 Warsaw, Poland

***Corresponding author:** michal.dzieciol@upwr.edu.pl; +48 691 39 47 42

Highlights

- Composition of urine changes during various phases of reproductive cycles in dogs.
- Acetophenone, benzaldehyde and methylketones increase during estrus in bitches.
- Sulfide compounds decrease during estrus, but increase at diestrus in bitches.
- Mechanism of luring and repelling during sexual interaction in dogs was discussed

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