


## Onschuldige jeuk?

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17 Januari 2017

### Achtergrond info patient



- Alleenstaande man , 1956, Achterhoek
- Onhygiënische omstandigheden thuisituatie
- Heeft last van jeuk
- Papels op benen en romp
- Beesjes in sokken
- Geen huisdieren (katten of honden)

samen tegen infecties

### BASIS KENMERKEN DETERMINATIE

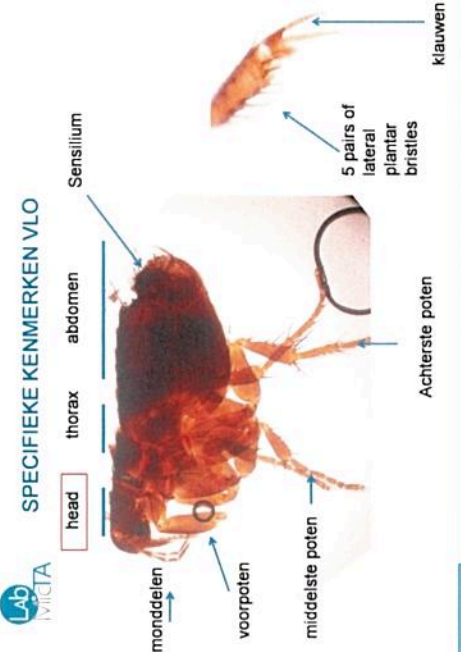


3 paar poten  
3 delig lichaam  
Vleugels afwezig  
< 5 mm  
Donker gekleurd  
2 springpoten

VLO, maar welke?  
Kattenvlo (*Ctenocephalides felix*)  
Hondenvlo (*Ctenocephalides canis*)  
Mensenvlo (*Pulex irritans*)  
Rattenvlo (*Nosopsyllus fasciatus*)  
Vogel (kippen of haan) vlo (*Ceratophyllus gallinae*)

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### SPECIFIEKE KENMERKEN VLO



Bron: Alex Walker

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### KENMERKEN

Laboratory Confirmation/ Species Identification

No comb/tenella      With Pronotal comb only      with Genal and Pronotal comb

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### VOORKOMEN

#### Order: Siphonaptera (Flea)

Family	Species / Vector	Common Name	Host
Phlebotomidae	<i>Ceratophyllus venosus</i>	Dog flea	Dog, Rat
	<i>C. felis</i>	Cat flea	Cat, Dog
	<i>Pulex irritans</i>	Human flea	Man, Dog, cat, mouse
	<i>Spilopsyllus cunicularis</i>	Oriental rat flea, Tropical rat flea	Human, Rabbit, cat
	<i>Xenopsylla conformis</i>	Human flea	Human
	<i>Leptopsylla segnis</i>	Swiss light flea of birds	Swiss light flea of birds
	<i>Echidnophaga gallinacea</i>	Stick tight flea of birds	Stick tight flea of birds
	<i>Phlebotomus</i>	Human flea of human	Human flea of human
	<i>Hydrophilus rostratus</i>	Water flea	Water flea
	<i>Ceratophyllus gallinarum</i>	Chicken and poultry flea / European human flea	Poultry, Man, Pigeon, chicken
	<i>Xenopsylla cheopis</i>	Northwest rat flea	Rat, Man, cat, other animal
	<i>Leptopsylla</i>	European stick tight flea	European stick tight flea
	<i>Ceratophyllus</i>	Human flea	Human flea

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### VECTOR

#### Vector Importance

Disease Agent	Disease	Vector	Host	Geographic Area
<b>VIRES</b>	Murine typhus	Hydrophilus rostratus	Rabbit	Europe, Australia
<b>BACTERIA</b>	Q fever	Several fleas	Mammals	Global
	Centrifugal bacterial	Several fleas	Mammals	Global
	Relapsing fever	<i>Ceratophyllus</i>	Mammals	Global
	<i>Zoonosis protracta</i>	<i>Oxyopsylla</i>	Pigeon, squirrel, human	South America
	Trench fever	Human flea	Human	Global
	<i>Brucella</i>	Human flea	Human, rodent, ruminant, pig	Global
<b>PROTOZOA</b>	<i>Trypanosoma vivax</i>	<i>Hydrophilus rostratus</i>	Rabbit	Global
	<i>Trypanosoma</i>	<i>Hydrophilus rostratus</i>	Rabbit	Global
<b>NEMATODA</b>	Cattle filariasis	<i>Ceratophyllus</i>	Cattle	Global
<b>CESTODA</b>	Double period tapeworm	<i>Ceratophyllus</i>	Dogs, cats, human	Global
	<i>Dipylidium immitis</i> *	<i>Xenopsylla</i>	Rodent, human	Global
	<i>Hymenolepis dimorpha</i> *	<i>Xenopsylla</i>	Rodent	Global
	<i>Brachylapsa</i> *	<i>Xenopsylla</i>	Rodent	Global

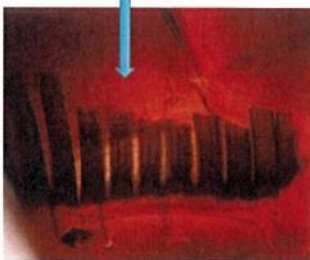
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### SPECIFIEKE KENMERKEN

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PRONOTAL COMB



11 spines

Nosopsyllus  
9 spines per kant

Ceratophyllus  
> 9 spines per kant

KAD

Bron: Vorratsschadlinge und Hausungeziefer, Seifenscho, Udo

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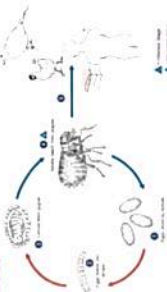

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CDC

Ceratothylus gallinae

Cyclus

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Advies Bestrijding

KAD

Genus- en Adviescentrum Dierplagen

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TAKE HOME MESSAGE

**Differential diagnosis of medically relevant flea species and their significance in dermatology.**

Article in German  
Sept. 07, 2009, 1441

Author information


Abstract

Different flea species may infest humans. *Leptopsylla*, *Spilopsylla*, *Ceratophyllus*, *Spilopsylla* and *Spilopsylla* are the most common flea species that can be seen on people with close contact to domestic or wild animals. *Spilopsylla* may often be misdiagnosed. Several flea species including *Pulex irritans*, *Ceratophyllus*, *Ceratophyllus* and *Ceratophyllus* may infest human skin causing symptoms. Flea bite allergy and the role of various flea species as disease vectors are also discussed.

NLM 3441163  
PubMed - indexed for MEDLINE

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 **Bronnen**

- 1] Arthropods of human and domestic animal, A guide to preliminary identification, Alan Walker
- 2] KAD determinatie Dicaat
- 3] Medische Parasitologie , A.M. Polderman
- 4] Physician's Guide to Arthropods of Medical Importance, 6e editie, Jerome Goddard
- 5] Vorratsschadlinge und Hausungeziefer, Sellenschlo, Udo

Samen tegen infecties



**Bedankt voor u aandacht**