

5. Advisory Work

5.1 Number of inquiries arranged by species

In 2002 DPIL answered approximately 7600 general inquiries from farmers, the food industry and other firms, veterinary surgeons, doctors and other health services, the news media, and private individuals with pest problems. Of these inquiries, 64% were telephone calls, 27% were letters (with animals enclosed for identification), 6% were e-mails and 3% visits to the laboratory. Many were answered by a leaflet on the subject, whereas others required replies in more detail, sometimes after extensive studies. Some of the inquiries led to inspections on location, but this type of examination is laborious and has been kept at a minimum since other engagements have higher priority at the laboratory. The subject of most of the visits was attacks of wood-boring insects in buildings.

The species which generated the most inquiries were the hornet (*Paravespula spp.*), the common black ant (*Lasius niger*), the common furniture beetle (*Anobium punctatum*), head lice (*Pediculus humanus capitis*), carpet beetles (*Anthrenus spp.*), the Indian-meal moth (*Plodia interpunctella*), the dermestid beetle (*Attagenus smirnovi*), mice (*Muridae*), the stone marten (*Martes foina*) and book lice (psocids) (*Psocoptera*). Together these ten subjects made up 34% of the total number of inquiries.

Since 2000 information about more than 75 different animals were placed on the laboratory's homepage (www.dpil.dk). In 2002 the laboratory observed more than 171,000 visits to pages concerning these animals. This fact explains without a doubt why the number of telephone calls concerning pest problems has decreased over the last three years. The pests on the homepage asked for most frequently were headlice (*Pediculus humanus capitis*), the water vole (*Arvicola terrestris*), the common furniture beetle (*Anobium punctatum*), the Norway rat (*Rattus norvegicus*), the common black ant (*Lasius niger*), the hornet (*Paravespula spp.*), mice (*Muridae*), the mole (*Talpa europaea*), pests on textiles (*Tinea pellionella* and *Tineola bisselliella*) and the stone marten (*Martes foina*). Together these ten pests made up approximately 40% of the pages asked for.

In Table 5a, the inquiries to the laboratory are arranged by subject from a practical rather than a consistently zoological point of view. Many of the animal species or groups in the list do not deserve pest status. However, opinions vary and, for instance, in food articles any animal (or even trace of an animal) is often considered a problem.

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Table 5a. Number of inquiries in 2002

Leaflets (in Danish) in paper version are available on pests marked with an asterisk (*) – nearly all of these leaflets are available in an electronic version as well.

Thysanura	Børstehaler
* <i>Lepisma saccharina</i>	Sølvkræ 81
* <i>Thermobia domestica</i>	Ovnfisk..... 4
* Collembola	Springhaler 14
Orthoptera	Retvinger
* <i>Acheta domestica</i>	Husfårekylning..... 13
<i>Orthoptera</i> div.....	..... 1
Blattaria	Kakerlakker
<i>Blatta orientalis</i>	Orientalisk kakerlak 5
* <i>Blattella germanica</i>	Tysk kakerlak 40
<i>Ectobius lapponica</i>	Skovkakerlak..... 1
<i>Neostylopyga rhombifolia</i>	Harlekin kakerlak 2
<i>Periplaneta americana</i>	Amerikansk kakerlak 3
* <i>Supella longipalpa</i>	Brunstribet kakerlak 4
<i>Blattaria</i> div.....	Kakerlakker div..... 59
Isoptera	Termitter 3
Dermaptera	Ørentviste
* <i>Forficula auricularia</i>	Alm. ørentvist..... 11
* Copeognatha	Støvlus 165
Mallophaga	Pelslus og fjerlus 2
Siphunculata	Lus
* <i>Pediculus capitis</i>	Hovedlus 189
* <i>Phthirus pubis</i>	Fladlus..... 2
<i>Siphunculata</i> div.....	..... 1
* Thysanoptera	Thrips 12
Hemiptera	Næbmunde
* <i>Cimex lectularius</i>	Væggelus..... 137
* <i>Reduvius personatus</i>	Støvtæge..... 2
<i>Hemiptera</i> div.....	Tæger, bladlus, cikader div..... 24
Neuroptera	Netvinger
* <i>Chrysopa</i> spp.....	Guldøjer 10
Lepidoptera	Sommerfugle
* <i>Aphomia sociella</i>	Humlevoksmøl 41
* <i>Caradrina clavipalpes</i>	Tagorm..... 2

* <i>Endrosis sarcitrella</i>	Klistermøl	4
* <i>Ephestia elutella</i>	Kakaomøl	2
* <i>Ephestia kuehniella</i>	Melmøl	13
* <i>Hofmannophila pseudospretella</i>	Frømøl	28
* <i>Plodia interpunctella</i>	Tofarvet frømøl	387
<i>Sitotroga cerealella</i>	Kornmøl	1
* <i>Tinea pellionella</i>	Pelsmøl	50
* <i>Tineola bisselliella</i>	Klædemøl	69
* <i>Lepidoptera</i> div.	Sommerfugle div.	99

Coleoptera**Biller**

<i>Ahasverus advena</i> .....	.....	2
* <i>Alphitobius diaperinus</i>	Lille melbille	1
<i>Amphimallon solstitiale</i>	Sankthansoldenborre	5
* <i>Anobium punctatum</i>	Alm. borebille	366
* <i>Anoplodera rubra</i>	Rød blomsterbuk	13
* <i>Anthrenus</i> spp.	Tæppebiller	213
* <i>Attagenus pellio</i>	Pelsklanner	32
* <i>Attagenus smirnovi</i>	Brun pelsklanner	234
<i>Attagenus woodroffe</i>	Båndet pelsklanner	1
<i>Bostrychidae</i>	Bostrychider	4
<i>Bruchidae</i>	Bønnebille	4
* <i>Callidium violaceum</i>	Violbuk	12
* <i>Carabidae</i>	Løbebiller	41
<i>Carpophilinae</i>	Tørfrugtbiller	1
<i>Cerambycidae</i>	Træbukke	19
<i>Clytus arietis</i>	Hvæpsebuk	3
<i>Coccinellidae</i>	Mariehøns	1
<i>Corynetes coeruleus</i>	Skinkebille	1
* <i>Criocephalus rusticus</i>	Brun træbuk	15
<i>Cryptolestes ferrugineus</i>	Rustfarvet kornbille	6
* <i>Cryptophagus</i> spp.	Skimmelbiller	20
* <i>Dermestes haemorrhoidalis</i>	Husklanner	40
* <i>Dermestes lardarius</i>	Flæskeklanner	32
* <i>Ernobius mollis</i>	Blød borebille	7
<i>Europhryum confine</i>	Boresnudebille	5
* <i>Hadrobregmus pertinax</i>	Rådborebille	16
* <i>Hylesinus fraxini</i>	Askebarkbille	5
* <i>Hylobius abietis</i>	Nåletræssnudebille	5
* <i>Hylotrupes bajulus</i>	Husbuk	11
* <i>Lasioderma serricorne</i>	Tobaksbille	20
* <i>Lyctus</i> spp.	Splintvedbiller	7
<i>Lymexylidae</i>	Værftsbille	1
* <i>Meligethes aeneus</i>	Glimmerbøsser	2
<i>Melolontha melolontha</i>	Alm. oldenborre	5
* <i>Nacerdes melanura</i>	Bolværksbille	6
<i>Niptus hololeucus</i>	Messingtyv	3
* <i>Ocypus olens</i>	Stor rovbille	6
<i>Opilo domesticus</i>	Huspræstebille	1
<i>Oryctes nasicornis</i>	Næsehorns bille	3
<i>Oryzaephilus mercator</i>	Jordnøddebille	20
* <i>Oryzaephilus surinamensis</i>	Savtakket kornbille	30
* <i>Otiorhynchus sulcatus</i>	Væksthusnudebille	8

* <i>Otiorhyncus</i> spp.....	Øresnudebille	36
* <i>Phyllopertha horticola</i>	Gåsebille	42
* <i>Phymatodes testaceus</i>	Bøgebuk	39
<i>Ptinus pectinicornis</i>	Kamhornet borebille.....	1
<i>Ptinus fur</i>	Alm. tyvbille	3
* <i>Ptinus tectus</i>	Australsk tyvbille	4
* <i>Reesa vespulae</i>	Amerikansk klanner	6
<i>Rhyzopertha dominica</i>	Kornkapuciner	2
* <i>Scolytidae</i>	Barkbiller	12
<i>Serica brunnea</i>	Natoldenborre.....	4
* <i>Sitona lineatus</i>	Stribet bladrandbille.....	7
* <i>Sitophilus granarius</i>	Kornsnudebille	37
* <i>Sitophilus oryzae</i>	Rissnudebille	32
<i>Sitophilus zea-mais</i>	Majssnudebille	4
* <i>Staphyllinidae</i>	Rovbiller.....	12
* <i>Stegobium paniceum</i>	Brødbille.....	132
* <i>Tenebrio molitor</i>	Melbille	52
<i>Tribolium castaneum</i>	Kastaniebrun rismelbille	3
* <i>Tribolium confusum</i>	Rismelbille	47
* <i>Tribolium destructor</i>	Lysolbille	1
<i>Trogoderma angustum</i>	Smal frøklanner	7
<i>Trogoderma granarium</i>	Khabrabille	2
* <i>Xestobium rufovillosum</i>	Egens borebille.....	6
<i>Coleoptera</i> div.....	Biller div.....	93
Hymenoptera	Årevinger	
* <i>Andrena</i> spp.....	Jordbier.....	22
* <i>Apis mellifica</i>	Honningbi.....	12
* <i>Bombus</i> spp.	Humblebier.....	85
* <i>Camponotus</i> spp.	Herkulesmyrer.....	12
* <i>Colletes daviesanus</i>	Murbi.....	104
<i>Formicidae</i>	Myrer.....	126
<i>Formica rufa</i>	Rød skovmyre	51
* <i>Lasius fuliginosus</i>	Orangemyre	13
* <i>Lasius niger</i>	Sort havemyre	168
* <i>Lasius umbratus and others</i>	"Gule myrer"	24
<i>Leptothora nylanderi</i>.....	.....	3
* <i>Monomorium pharaonis</i>	Faraomyre	20
* <i>Osmia</i> spp.....	Murerbier	12
* <i>Paravespula</i> spp.	Gedehamse	449
<i>Pheidole megacephala</i> .....	.....	1
* <i>Siricidae</i>	Træhvepse	10
<i>Sphecoidae</i>	Gravehvepse.....	10
<i>Tapinoma melanocephalum</i> .....	.....	1
<i>Tetramorium caespitum</i>	Græstørvsmyrer.....	1
* <i>Vespa crabro</i>	Stor gedehams	22
<i>Hymenoptera</i> div.....	Årevinger div	63
Diptera	Tovinger	
<i>Borboridae</i>	Springfluer	3
* <i>Calliphoridae</i>	Spyfluer	37
* <i>Ceratopogonidae</i>	Mitter.....	20
<i>Chironomidae</i>	Dansemyg.....	7

* <i>Crataerina pallida</i>	Mursejlerlusflue	1
* <i>Culicidae</i>	Stikmyg	28
* <i>Drosophila</i> spp.....	Bananfluer	67
<i>Eristalis</i> spp.....	Dyndfluer	5
* <i>Fannia canicularis</i>	Lille stueflue.....	11
* <i>Musca domestica</i>	Stueflue	48
* <i>Mycetophilidae</i>	Svampemyg.....	30
* <i>Ornithomyia</i> spp.....	Lusfluer	3
<i>Phoridae</i>	Pukkelfluer	9
* <i>Pollenia</i> spp.....	Klyngefluer	135
* <i>Psychodidae</i>	Sommerfuglemyg.....	38
* <i>Simuliidae</i>	Kvægmyg	2
<i>Stomoxys calcitrans</i>	Stikflue	12
* <i>Tabanidae</i>	Klæger	15
* <i>Thaumatomyia notata</i>	Græsflue	21
<i>Tipulidae</i>	Stankelben	6
<i>Diptera</i> div.	Tovinger div.	108
Siphonaptera	Lopper	
* <i>Ceratophyllus</i> spp.....	Fuglelopper	77
* <i>Ctenocephalides</i> spp.....	Katte- og hundelopper.....	99
<i>Ceratophyllus (Monopsyllus)</i> <i>sciurorum sciurorum</i>	Egernloppe	2
* <i>Pulex irritans</i>	Menneskeloppe	3
<i>Siphonaptera</i> div.	Lopper div.	37
Pests on textiles	Tekstilskadedyr	142
Pests in food	Kolonialskadedyr	30
Pests in wood.....	Træskadedyr.....	54
Various insects	Diverse insekter	43
Acarina	Mider	
* <i>Acarus siro</i>	Melmide	17
* <i>Bryobia praetiosa</i>	Brunmide.....	31
<i>Carpoglyphus lactis</i>	Sveskemide	1
* <i>Cheyletiella</i> spp.	Pelsmider.....	3
* <i>Dermanyssus</i> spp.	Fuglemider	10
* <i>Dermatophagoides</i> spp.....	Husstøvmider	7
<i>Gamasidae</i>	Gamasider	1
* <i>Glycyphagus domesticus</i>	Husmide	5
* <i>Ixodes ricinus</i>	Skovflåt	50
<i>Oribatidae</i>	Pansermider.....	1
* <i>Rhipicephalus sanguineus</i>	Husflåt	2
* <i>Sarcoptes scabiei</i>	Fnatmide.....	5
* Mites in grain, straw and hay	Lagermider	9
<i>Acarina</i> div.	Mider div.	33
* Araneae	Edderkopper	53
<i>Pholcus phalangoides</i>		13
Scorpiones	Skorpioner	2

* Pseudoscorpiones	Mosskorpioner	5
* Diplopoda	Ægte tusindben	69
<i>Polyxenus phalangoides</i>		13
Chilopoda	Skolopendre	
<i>Chilopoda</i> div.....	Skolopendre div.....	17
* Oniscoidea	Bænkebidere	66
Oligochaeta	Sadelbørsteorme	
<i>Lumbricidae</i>	Regnorme.....	6
Gastropoda	Snegle	
<i>Arion lusitanicus</i>	Iberisk skovsnegl.....	34
* <i>Limacidae</i>	Kældersnegle.....	11
<i>Gastropoda</i> div.....	Snegle div.....	54
Amphibia	Padder	7
Lamellibranchiata	Muslinger	
<i>Teredo navalis</i>	Pæleorm.....	1
Reptilia	Krybdyr	3
Aves	Fugle	
* <i>Columba livia domestica</i>	Tamdue.....	56
<i>Aves</i> div.....	Fugle div.....	18
Mammalia	Pattedyr	
<i>Apodermus flavicollis</i>	Halsbåndmus.....	64
* <i>Arvicola terrestris</i>	Mosegris.....	115
<i>Chiroptera</i> spp.....	Flagermus.....	18
<i>Felis domestica</i>	Huskat.....	3
* <i>Martes foina</i>	Husmår.....	187
* <i>Muridae</i>	Mus.....	231
* <i>Rattus norvegicus</i>	Brun rotte.....	134
<i>Sciurus vulgaris</i>	Egern.....	3
* <i>Talpa europaea</i>	Muldvarp.....	120
<i>Vulpes vulpes</i>	Ræv.....	19
<i>Mammalia</i> div.....	Pattedyr div.....	30
Various animals	Diverse dyr	138
Imaginary animals	Indbildte dyr	77
Pesticides	Bekæmpelsesmidler	93
Sundries	Diverse	210