

II/1 : 1 dealate female, alone in a small chamber.

Dissection : 6 short ovarioles, but with developing eggs, spermatheca filled with sperm. Incipient colony.

2 : 1 dealate female, 1 workerlike intermorph, some larvae.

Both the female and the intermorph had 6 short ovarioles, were inseminated but sterile. Apparently a small part of a colony.

3 : 1 dealate female, 3 workers, some larvae and worker pupae.

The female had 6 short ovarioles, was inseminated, but sterile. The wing muscles were replaced by fat body. Again apparently a part of a colony.

4 : 1 dealate female, 6 workers, some larvae and worker pupae.

The female was a functional queen.

Small, but rather complete society.

III/1 : 2 dealate females, 2 intermorphs, some larvae.

One female was a functional queen with developing eggs, the second female had only short ovarioles without developing eggs, but was inseminated. Wing muscles replaced by fat body. — One "queenlike" intermorph with 6 short ovarioles, inseminated. — The second "workerlike" intermorph with 6 short ovarioles, spermatheca empty. Since workers lack in this sample it should be only a part of a colony.

IV/1 : 1 dealate female, 1 intermorph, 8 workers, 1 male, some larvae.

The female was a functional queen with 6 ovarioles of about the length of her body, corpora lutea, developing eggs and the spermatheca filled with sperm. The workerlike intermorph was as well inseminated, but had 6 ovarioles of only about half the length of her body, with corpora lutea.

Since the intermorph seems to be younger than the dealate female, I suppose that in this sample a complete colony (with the dealate queen) was mixed with an incipient colony, newly founded by the intermorph.

The results are compiled in the following table I.

Table I. — Composition of 12 samples (colonies or parts of colonies) of *Formicoxenus hirticornis*.

Tabelle I. — Zusammensetzung von 12 Proben (Kolonien oder Teilmölkern) von *Formicoxenus hirticornis*.

Sample No.	Dealate females		Intermorphs			Workers	Males	Remarks and interpretation
	inseminated fertile	sterile	inseminated fertile	sterile	n. ins. sterile			
I/1	1	—	—	—	—	—	—	incipient colony
I/2	2	1	—	4	—	43	2	incip. col. mixed with big colony
I/3	—	—	2	—	—	1	—	mixture of 2 parts of colonies
I/4	1	1	—	3	1	19	3	"normal" colony
I/5	2	—	—	—	1	45	—	mixture of 2 colonies
I/6	—	1	1	—	—	5	—	"normal" colony
II/1	1	—	—	—	—	—	—	incipient colony
II/2	—	1	—	1	—	—	—	small part of a colony
II/3	—	1	—	—	—	3	—	part of a colony
II/4	1	—	—	—	—	6	—	"normal" colony
III/1	1	1	—	1	1	—	—	part of a colony
IV/1	1	—	1	—	—	8	1	incip. col. mixed with normal colony
12	10	6	4	9	3	130	6	