

Adults of 6 samples were dissected immediately after collecting:
No. 1: A single intermorph, with 3 ocelli, apparently alone in a small chamber in the host nest. Spermatheca filled with sperm, 6 ovarioles of about the length of the gaster, developing eggs. Presumably a queen independently founding a new colony.

No. 2: Colony contains a dealate, *normal queen*, who was observed to lay eggs. Since the colony is still alive, only a few specimens were dissected immediately after collecting: 4 callow intermorphs had only very short ovarioles (4, 5, 6 and 7 respectively), the receptacula were present, but empty. 3 workers (without ocelli) had 5 (2 ♂), and 6 (1 ♀) short ovarioles, receptacula could not be found. This is different from Holliday's experiences: she found receptacula even in "microergates". However, the number of workers without receptaculum was low in our material as well (see below).

No. 6: One intermorph with dark spots at the normal position of the wings (between ergatoid female and triocellate ♂ of Holliday 1903), with 6 long ovarioles, corpora lutea and the spermatheca filled with sperm — *a functional queen*. One ♀ with 5 ovarioles and without spermatheca. Presumably a young colony.

No. 9: One workerlike intermorph with two tiny ocelli, but 6 long ovarioles, corpora lutea, and filled spermatheca—*the functional queen*. 4 intermorphs with empty receptacula, 3 ergatomorphs without spermathecae, and one ergatomorph with an empty receptaculum, but with 6 ovarioles of about the length of the gaster, and a few tiny corpora lutea (egg-laying worker).

No. 11: One intermorph with 3 ocelli, *the functional queen*; 4 intermorphs and one ergatomorph with filled receptacula, but not egg-laying; one intermorph (callow) with empty receptaculum, 10 ergatomorphs with empty receptacula, one ergatomorph with empty receptaculum, but with corpora lutea; 3 workers without receptacula. Again a rather complete colony.

No. 12: One intermorph with 3 ocelli, *the functional queen*; 3 intermorphs inseminated but not egg-laying; one intermorph with empty spermatheca; 7 ergatomorphs with empty receptacula, one ergatomorph with empty spermatheca, but with corpora lutea; 2 workers without spermathecae. Complete colony.

It is striking that, notwithstanding all the uncertainties which are due to the difficult collecting of complete colonies, most of our samples (No. 2, 6, 9, 11, 12) contained one fully fertile queen, and often a number of inseminated, but sterile individuals. The latter are