

Usually during the late spring or early summer, the swarms of winged fertile males and females emerge out of the old colony. These constitute the first reproductive caste. They shed their wings, settle down on earth, pair off and together begin a small excavation for a new nest. Thus each mating pair establishes a new colony in which they become its royal pair. She feeds the first young with its saliva and other secretion until they are able to take care of themselves. In the beginning of colony, all the nymphs hatching out of first few broods develop into wingless individuals, which form workers, soldiers and substitute reproductive castes.

Among various members of the colony there is a constant exchange of materials. Workers give food to soldiers and the reproductives and in return obtain certain secretions from their mouth and anus. The queen is also said to secrete desirable secretions. This exchange of food is called trophallix.

Sunday 6

JULY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Appointments

7

June

Monday

2004

Wk-24 159-207

08.00

09.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

17.00

18.00

Sexual winged male or female
adult (Alate)

Reproductive
Nymph

Male or
King

Nymph

Eggs

Female or
Queen

Fig:- The Kings or Queens of Termites