

# THE FOOD OF TROUT IN NEW SOUTH WALES\*

1938-1940.

By (THE LATE) KEITH C. MCKEOWN.

## STOMACH CONTENTS OF BROWN TROUT.

(*Salmo trutta* Linne.)

### Delegate River.

- No. 1.—? sex, Weight  $1\frac{3}{4}$  lb. ; Length, 16 in. ; Date, 2/March, 1940 ; Time, 7 p.m. ; Fly : Royal Coachman. Collected by Mr. Boyce C. Dent, from Monaro District Acclimatisation Society, Cooma. Contents : 1 large Anisopterid dragonfly (red), 2 stick Caddis cases, 1 winged Ant (*Iridomyrmex*).
- No. 2.—? sex,  $1\frac{1}{2}$  lb. ;  $15\frac{1}{2}$  in. ; 12/March, 1940 ; 6 p.m. ; Fly : Teal and Red. Collected by Mr. Boyce C. Dent, from Monaro District Acclimatisation Society, Cooma. Contents : 1 large Anisopterid dragonfly (red).
- No. 3.—? sex,  $\frac{3}{4}$  lb. ;  $13\frac{3}{4}$  in. ; 18/March, 1940 ; 6.15 p.m. ; Fly : Teal and Red. Collected by Mr. Boyce C. Dent, from Monaro District Acclimatisation Society, Cooma. Contents : very small quantity finely divided and unidentifiable insect remains.
- No. 4.—? sex, 1 lb. ;  $13\frac{1}{2}$  in. ; 20/March, 1940 ; Fly : Teal and Red. Collected by Mr. Boyce C. Dent, from Monaro District Acclimatisation Society, Cooma. Contents : 1 beetle (*Bolboceras* sp.), 1 beetle (? *Tenebrionidae*) remains, remains of moth, 1 sand Caddis case.
- No. 5.—? sex,  $1\frac{3}{4}$  lb. ; 15 in. ; 23/April, 1940 ; Time ? ; Fly : Black Gnat. Collected by Mr. Boyce C. Dent, from Monaro District Acclimatisation Society, Cooma. Contents : empty.
- No. 6.—? sex,  $\frac{3}{4}$  lb. ;  $13\frac{1}{2}$  in. ; 23/April, 1940 ; Time ? ; Fly : Black Gnat. Collected by Mr. Boyce C. Dent, from Monaro District Acclimatisation Society, Cooma. Contents : 2,300 winged ants (*Iridomyrmex*), 3 small Scarabaeid beetles.
- No. 7.—? sex, 3 lb. 3 oz. ; 22 in. ; 24/April, 1940 ; 5.15 p.m. ; Fly : Bugong Moth No. 4. Collected by Mr. Boyce C. Dent, from Monaro District Acclimatisation Society, Cooma. Contents : 1 grasshopper (? gen. et sp.), 2 stick Caddis cases, remains of winged ants.

### Kydra River.

- No. 8.—Sex ♀ ; 1 lb. ; 28/October, 1939 ; 6 p.m. ; Fly : Red West. Collected by Mr. J. D. Gaden, from Monaro District Acclimatisation Society, Cooma. Contents : 1 Pentatomid bug (remains), 1 *Heteronyx*, small quantity insect remains, charcoal dust.
- No. 9.—Sex ♀ ; 2 lb. ; 2/December, 1939 ; 2.45 p.m. ; Fly : Red Ant. Collected by Mr. W. T. Brady (?), from Monaro District Acclimatisation Society, Cooma. Contents : 3 *Diphucephala* sp., 5 *Heteronyx* sp., 2 grasshoppers (? sp. immature), 2 stick Caddis cases, 3 sand Caddis cases, quantity finely divided insect remains.
- No. 10.—Sex ♀ ; 1 lb. ; 2/December, 1939 ; 4.45 p.m. ; Fly : Smart's Red-tail. Collected by Mr. W. J. Forbes, from Monaro District Acclimatisation Society, Cooma. Contents : empty.

\* This continuation of the series of papers on the Food of Trout was arranged for publication by Mr. G. P. Whitley, from notes left by Mr. McKeown. The previous paper appeared in REC. AUST. MUSEUM, xx, 1, 1937 : 38.