

TABLE No. II.
COPRINUS COMATUS—Analysis of Umbrellas and Stalks.

Freshly Gathered Mushrooms.					Water-free Substance.			Percentage of Crude Protein present as Al- buminoids
—	Water	Crude Protein.		Ash.	Crude Protein.		Ash.	
		Albumin- oids.	Amides.		Albumin- oids.	Amides.		
a. Umbrella	91.97	2.10	1.47	.71	26.15	18.30	8.84	58.8
Stalk . . .	92.72	.77	1.19	.77	10.58	16.34	10.58	39.2
b. Umbrella	92.82	1.55	1.45	.82	21.58	20.20	11.42	55.0
Stalk . . .	91.73	1.45	.96	.89	17.53	7.98	10.75	60.1

These data are not, we regret to say, in all particulars thoroughly satisfactory, yet they may safely be considered as indicating that the umbrella is decidedly richer in albuminoids than the stalk, though the difference becomes less as the mushroom matures. They would further seem to show that as growth advances the umbrella decreases slightly in its nitrogen content while there is a concomitant increase in the value of the stalk.

Our work with *Coprinus atramentarius*, the Grey Coprinus or true Ink-cup, has not been so extensive as that with *C. comatus*, yet it may be of interest to insert for comparison with the data of Table I, a recent analysis made by us of this most excellent mushroom collected in its edible condition :

Analysis of COPRINUS ATRAMENTARIUS.

Constituent.	Fresh Material.	Water-free Substance.
Water	93.31	—
Albuminoids	1.02	15.43
Amides71	10.74
Ash77	11.49

Percentage of Crude Protein present as Albuminoids, 58.9.