

should not be restricted in its multiplication by the necessity of spending an alternate generation in a host that does not occur abundantly; it should be able to compete successfully with other parasites when double parasitism occurs; finally it should be able to reach and parasitize a large proportion of the potential hosts.

He makes an interesting observation to the effect that "The success of fungus and bacterial diseases in reducing insect abundance depends so much upon favourable weather conditions that the use of these organisms offers comparatively little promise at the present time."

The get up of the book is on a par with other publications in the same series.
V. M.

Research Notes.

The Occurrence and Inheritance of Yellow Coloured Anthers in the Italian Millet—*Setaria italica* (Beauv).

In *Setaria italica* two fresh anther colours are met with, viz., brownish-orange and white. These, when dry and seen *en masse* appear brownish-black and buff-yellow respectively. These colours form a simple Mendelian pair, with orange dominant (G. N. Rangaswami Ayyangar and T. R. Narayanan, 1932, Ind. J. Agric. Sci. 2: 59).

In the course of further work yellow coloured anthers (drying brown) have been met with in the following varieties :--

Number.	
S. I. 102	... From India.
S. I. 2657	... " Russia.
M. S. 3422	... " China.

The relationship of these yellow coloured anthers to the other colours, brownish-orange and white, has been determined by suitable crosses.

TABLE I.

Yellow anther X Brownish-orange anther, F_1 —Brownish-orange anther.

Cross No.	F_2 Family No.	Segregation for	
		Brownish-orange anther.	Yellow anther.
(S. I. 102 x S. I. 419)	S. I. CCCLXXXIX		
	S. I. CCCXCI	S. I. 2679	216
		S. I. 2680	187
		S. I. 2681	191
(S. I. 2657 x S. I. 2120)	S. I. CCCXCII	S. I. 2682	184
	S. I. CCCXCH	S. I. 2683	138
		Total	916
		Expected 3:1	940.5
			313.5

$$\chi^2 = 2.6 \quad P > .05$$

TABLE II.

White anther X Yellow anther, F₁—Yellow anther.

Cross No.	F ₂ Family No.	Segregation for	
		Yellow anther.	White anther.
(S. I. 2528 x S. I. 2657) S. I. CCCXCVII	S. I. 2684	160	45
	S. I. 2685	83	27
	S. I. 2686	94	31
	Total	337	103
	Expected 3:1	330	110

$$\chi^2 = 6 \quad P > .05$$

It will be noticed from the above that yellow anthers are dominant to white anthers and recessive to brownish-orange anthers. This new character adds to the list of varietal characters helping in the classification of varieties of Italian millet.

Millet Breeding Station.
Coimbatore, March 4, 1936. }

G. N. Rangaswami Ayyangar.
P. V. Hariharan.

College News & Notes,

Students' Corner. The students being busy about their examinations, which are held during this month there was a lull in their athletic activities. On 19—3—36, the students of I & II year were at home to the final years, and speeches were made by the Principal, the representatives of two classes, and others bidding them farewell and wishing them success in their examinations. The teaching staff, gave them a tea, on 29—3—36, and the Warden, Mr. H. Shiva Rao on 4—4—36.

Badminton and Bridge Tournaments. The Badminton Tournament organised by the Sugarcane Club, Chettipalayam, and the Bridge Tournament organised under the joint auspices of the Sugarcane Club and the Officers' Club, came off during the Easter Holidays, and were a great success. Messrs. Viswanatha Iyer and Srinivasa Iyengar of the Officers' Club won the Bridge Cups, Mr. Naick and partner being runners up. The following were the winners and runners up in the badminton tournaments:

Fives: M. Y. M. A., Coimbatore
Coonoor

(Winners).

Doubles: Viswanatha Iyer & Sankaran Nair
Ramachandran & Ramawami

(Runners up).

(Winners).

(Runners up).

Joint Easter Session. The Joint Easter Session of the Indian Science Academy, the Association of Economic Biologists, the Indian Chemical Society, was held at Bangalore and a few representatives from Coimbatore visited Bangalore in this connection.

Obituary. We regret to record the deaths of Mr. V. Muniappa Pillay, Veterinary Officer, who was for sometime lecturer in our College and Mr. Kalingarayar, Zamindar of Utukulli, one of our esteemed Patrons.

Visitors. M.R.Ry. Rao Bahadur D. Ananda Rao Garu, Director of Agriculture, and M. R. Ry. P. H. Rama Reddy Garu, Secretary, Indian Central Cotton Committee are on a visit to Coimbatore.