

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	1359	Press Mis
456-57 Dated	30-8-1920	12 .

Not to be folded or roughly handled.

*Proceedings of the Madras Government, Revenue Department,
30th August 1870.*

No. 456. Read the following letter from H. RIVETT-CARNAC, Esq., Cotton Commissioner, Central Provinces and the Berars, to the Secretary to the Government of Madras, dated Simla, 6th August 1870, No. 2,435:—

I do myself the honour to forward an extract from a letter, received from Major Trevor Clarke, on the subject of Hybridisation, which may be of interest to His Excellency the Governor.

No. 457. ORDER THEREON, 30th August 1870, No. 1,359.

Miscellaneous.

THE enclosurc, received with the foregoing letter, will be sent to the Board of Revenue for perusal and return.

2. The paper, when returned by the Board, will be communicated to the Madras Chamber of Commerce.

3. The Government are obliged to Mr. Rivett-Carnac for the extract in question.

(True Extract.)

(Signed) H. E. STOKES,
Under-Secretary to Government.

To the Board of Revenue.
„ the Chamber of Commerce.
„ H. Rivett-Carnac, Esq.

Exd. F. R. Bantleman.

Extract from a letter from Major TREVOR CLARKE, to H. RIVETT-CARNAC, Esq.,
dated Welton Place, Daventry, the 7th May 1870.

I HAVE just had a letter from Ashburner with some beautiful Hingunghât bolls, and some from a selected plant with naturally yellow tingled staple. I do not know if you are acquainted with *Coconada*, which is a cotton of this sort; now the said *Coconada* is much sought for by spinners, strange to say, on account of the *colour*. I have grown *Coconada*, and pronounced it at once to be allied to the Hingunghât. It would be well, I think, to look out for and propagate a *slightly* Nankeen Hingunghât-race. Such a breed might be produced by crossing with a good yellow *Indian*, not *American*, sort. A Nankeen cotton is cultivated in India, which is of occidental race, not *G. Herbaceum* at all. This would not cross with the real Oriental breeds.

Your samples of seed came too late in the English year to do much with that season, but I managed to get a crop or two, the seed by great care being got to ripen during the late autumn and winter. Amongst others, I believe, I have crossed the purple-flowered *G. Arboreum*, your "Nurmah," with Hingunghât. I wish you would make your people test the capabilities of this plant. There are several accounts of its having been tried, and all apparently with favorable result; but nothing further appears to have come of it. The staple is undoubtedly good, strong, white, and fine, and was much admired by a spinner, a friend of mine, a first rate judge. The crop will come quicker to maturity and should be longer, later, and more to the boll. The only Indian cottons that at all come up to the *Uplands* properties of *Uplands*, according to my experience, are produced by that seed of which the bolls are dumpy and cob-nut-shaped, and only *half* opening when ripe. *Dholera* and *Western Madras*, as supplied to me, are of this kind. Now a cross between a high class plant of this form and a good Hingunghât would be a great step, because the big, close-pod sort produces a hard staple, at least as far as I have seen. Let your people turn their attention to the task of observing and tabulating, as it were, the *peculiarities* of *breeds*, especially to adaptation to different soils and climates. As far as selection goes, the staple should be looked for amongst harsh fibred, but otherwise good sorts, and hardy varieties in the case of first class stapled kinds which are constitutionally tender.

My cross Hingunghât by Nurmah (*Arboreum*) is good, that is, has taken to it. Also Hingunghât crossed by the largish stapled close-pod sorts. Also Assam Hill Cotton by Hingunghât.

Major T. Clarke's letter on Hingunghât
forwarded to Lord of Revenue and Charities
of India for perusal.

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THE BOARD OF REVENUE.

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My most interesting cross, *viz.*, Hingunghât by Arboreum (*i. e.*, Nurmah) is thriving and will soon flower, showing that it has secured the early flowering habit of the Hingunghât parent; of it I send you one or two seeds. I had only one small boll come to perfection.

Among the seeds now sent are a number between Hingunghat and the broad-leaved type in the close pods, and strong, bulky staple. I hope this will produce sorts with more expanded pods and finer staple combined with length. The Hybrid Georgian, as I call it, and the Sea Island, twice crossed with New Orleans, are most beautiful cottons. Try your best to get these into fruit. I send also several kinds of Uplands and Sea Island.

14 Bonds 700 of Dividends - Man. Ins. Co.
D. - Chamberlayne Commerce 300
1 - H. West-Cornwall Lloyd

No 1359
 The enclosure received with
 the foregoing letter will be sent to the
 Board of Rev. for perusal and return.
 The paper when returned by the B.
 will be communicated to the Madras
 Chambers of Commerce.
 The Boat are shipped to Mr. Knott, Calcutta
 Wharfe question.
 30 Aug 70

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