

EAST AFRICA

THE ONLY NEWSPAPER IN EUROPE DEVOTED
EXCLUSIVELY TO THE INTERESTS OF
THOSE OWING, TRADING, HOLDING
PROPERTY OR OTHERWISE INTERESTED IN
EAST AND CENTRAL AFRICA.
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THE PERMANENT MANDATES COMMISSION.

Report on the Permanent Mandates Commission of the League of Nations recently had its twentieth session, and for the amount of attention its deliberations attracted the British Press it might have been a Brixton or Coughlin debate in Claybury by the Marsh. Yet by the authority of its personages who compose that Commission, and by the weight of the international problems which are referred to it by the Council of the League, its discussions are pregnant with life for British interests, primarily in Mandated Territories, but possibly in other Dependencies also. As it gradually establishes its power, the League might be expected to wield its net wide and far.

At its last session the Commission had before it a request from the Council of the League that it should give its opinion on the general conditions required before a Mandate can be terminated, and the recently communicated the decision of the Commission that the League, "in whose name the Mandate was conferred, is the authority competent to terminate a Mandate. Lord Lugard, who thought that "never beyond any such limit his finger on another's vital nerve should be laid." What precisely he meant by "vital nerve" the inhabitants embodied in the League of the Covenant, which unites the Mandates. He put the case of the request for self-government by the inhabitants of South West Africa with a committee of inquiry decided by the League to lower the proportion of votes for the delegation of the League. "What," he queried, "would the Council do in such a case?" Now, here we have the League in the person of its accredited representatives had apparently been going with the idea of giving the Mandates without any such limit of time and making it a principle that a Mandate ceasing to be a Mandate should be liable to be turned into itself and that the number of white colonists should not be less than the number of black colonists, being given by the Council as a compromise of the number of whites. The majority of the Mandated West African im-

igrants are Germans, and the Union president thinks that having got self-government they would quietly settle down to their old occupations.

The National Government of the Union has shown considerable Teutonophilic predilections. But there is an alternative, which perhaps Lord Lugard has in mind. Given self-government, the colonists might declare themselves an independent State as they have a perfect right to do, which would mean that they became, to all intents and purposes, an appendage of Germany. If such a thing happened in South West Africa in the course of time occur in Tanganyika Territory, with the excess of German immigrants reached a sufficient proportion.

Graced with this problem, the Commission discussed thoroughly the point at issue, and by a large majority framed a paragraph for the Council which recognised the presence in the Mandated Territory of a "vital nerve" capable of ensuring German self-government was not sufficient justification for the emancipation of the Territory, but as the Portuguese and African members objected the paragraph was withdrawn to note to the Council of a report of the Commission. Though Lord Lugard was thus deprived of the full force of unanimity regarding the important point at issue, the discussion has cleared the air and has no doubt rendered nugatory the influence of efforts by German African colonies to secure self-government by means of a "vital nerve" over and over whites, regardless of natives.

Another case which shows how wide open in the Commission was the claim asserted by the German States that in giving other colonies under the 120th article of the Treaty of Versailles it was intended to alter the conditions laid down in Article 22 of the Covenant. Mr. Balfour, in the course of the session took place unconditionally as of course in East Africa, which appears to be a majority of one against the British members of the Commission, and most closely the provisions of the Permanent Mandates Commission, and the matter's ample justification for self-government.

Expatriating with death

...buh labo babain... which is to say... here they... on my trayels... Tell them who died before... thee that thou hast left us all well, & health...

With not hesend...

...Africa are quite sure that... is not the end of everything... to join the great company in... Now the grave is filled in... Under reverence... a tale of the sorrow... When it is full the earth... step on it but they... they wish their hands to... intation of death... the mind...

As you see I say thinking... a heart pang... woman... herself leading on the... other women... selves before side, or on the top... do not break... they lie... almost naked... screaming... seems to be a signal for... Women are... At a time like this they... Baiba women... are very careful... their heads are... their skin... are... well carried... anointed with oil... with brass... ivory bracelets... But while the... and it may... a month... the skin becomes hard... any of their... through... as they go up and down... looking...

Now the men...

Now the men... You would think they... armed out to go fighting... They wear lion tufts... and... They are armed with... and their... across the square... clashing their... clouds of dust... They stop... dig their spears... wells turn right about... keep this up for a long time... For a while... each is a person of...

When one of my... I went... a little... according to... a man of... mourning was... large scale... I recall... his wives... of my... was lying on an ash heap... a woman of my... from... He was walking about... alone, a... of a wild... the other... with his... the fat... if expatiating with death... Every now... the... and walked in the... knowing... When... the... the old man was completely...

Funeral Mourning

I could not doubt that these... mourning... was certainly real... When the African lets himself go... are thrown to... By... hundreds... better-kelter to and fro... the grief of others... and some were cheerfully...

Funerals are occasions for... of the old lady who... Well, my dear, I buried him... Africa... but their dead... and much of it... The... of every man among the Baiba... the finest oxen... will go on exchange... and under... chances... The... killed at this funeral... Other people bring oxen... killed first; their... the body... the flesh is... the rest are eaten; I have... be killed and eaten during...

Why men are killed

The people will tell you that oxen are killed to... an cheerless mourners... that Africans always... at the... the veil that... the material is very... their minds to the... fast together... However, they... Africans... believe... upon the grave of an... a sacred spot... From... to make offerings... say prayers to him... returned to earth in the form of a child... a great occasion because it means that a person whom they have grown to know and love is returning to the other world... he will not travel well and... he will not... will bring...

SIR DONALD ROSS "Discoverer and Creator."

How great does the world bow to Sir Donald Ross not even yet a year after he has been "at large" but renowned in the tropics who does back they of a year are probably of the best position to judge of the value of Ross's epoch-making demonstration of the complete history of the malaria parasite. To say that the "evolutionism" of conditions of life in the tropics may be an exaggeration, it would be hard to do so is clear, but the "evolutionism" in the opinion and the conservatism of the "evolutionist" have prevented a full appreciation of the authority of Sir Donald Ross, and such a life has been written by L. Mégez (Ross's "Discoverer and Creator," pp. 1-100).

Sir Donald has been a man of amazing versatility all his life. By profession a medical man, a surgeon-major in the Indian Army, he has done remarkable and original work in mathematics and literature, while his talent for music and painting is quite above the average. At one time, indeed, he seriously considered abandoning medicine for a literary career, but, unfortunately for himself, the phase passed. Mégez deals fully with the broader aspects of his hero's activities, and the fact that Mr. Osbert Allen has written the preface to the book is an indication that the literary side is well developed. And it may be added that Mr. Mégez is better qualified to appraise Sir Donald's literary achievements than the details of his purely scientific discovery.

It becomes evident when the biographer says to give an "simplified outline of the process of malaria infection in which his use of the archaic term, 'blast,' for sporozoite, and his statement that the sporozoites and their way to the mosquito salivary glands were open to criticism; the zygotes are found in the stomach wall of the mosquito and it is the sporozoites which enter the salivary glands. Moreover, in describing the flagella discs of Layeran in the blood of malaria patients, and named by Ross, he does not make it clear that flagella were found only in blood extracted from the patient and examined on a slide under the microscope; the flagellated forms of the gametes are found in the smears of blood of the patient, a small point, apparently, but vital to accuracy of statement.

The exact relation of the discoveries of Layeran and Ross is, however, well brought out, and was Ross's inspiration that he devoted himself to the study of the malaria parasite. The immense toil that study entailed, the unremitting labour in a trying climate, and in every circumstance of distraction and annoyance from officialdom, the final triumph, from which the elements of his death, though thoroughly served, took no rest, and only he eliminated the adequately and vividly treated by Mr. Mégez.

The distressing controversy between Ross and Professor C. B. Grass has attracted little or no mention, though it is a matter of which the biographer sets forth the facts more fully than he should. Published in 1910, it is not more than as a matter of fact should be sufficient to settle the debate.

Although I consider Grass's attack on Ross and a robbery of scientific domains, the fact that Ross died on February 10, 1914, I should not have over his scientific merits, which they ought to be mentioned. But any conviction that he has no such merits, what he claims as his is either

of the nature of the remainder is too small for me to consider my obligation to mention as a possible addition to knowledge. The statements regarding the development of the parasite in the stomach of the mosquito are the only ones that I believe in. I do not believe in the confirmation of the "evolutionism" of the parasite, nothing more than the "evolutionism" of the parasite, which was Ross's conviction. It is a pity that Ross should have the "evolutionism" of the parasite.

The attitude of his seniors when Ross joined the Indian Army is exposed in the following incident. Ross had, in 1897, heard of the "evolutionism" of the parasite by the "evolutionism" of the parasite, which was Ross's conviction. It is a pity that Ross should have the "evolutionism" of the parasite.

When Ross told the Adjutant of the malaria and the "evolutionism" of the parasite, which was Ross's conviction. It is a pity that Ross should have the "evolutionism" of the parasite. The "evolutionism" of the parasite, which was Ross's conviction. It is a pity that Ross should have the "evolutionism" of the parasite.

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"RAVINE SECREATION IN SOUTH AFRICA."

The Rev. W. W. Anderson has lived and worked among the "Native people" of South Africa for twenty years, and has written "Ravine Secrecy" (London, 1930, pp. 1-100). It is a book on a subject which to-day exercises the minds of all men of good will. The "evolutionism" of the parasite, which was Ross's conviction. It is a pity that Ross should have the "evolutionism" of the parasite.

"PRISONERS UNDER THE SUN."
In "Prisoners under the Sun" (London, 1930, pp. 1-100) Heriberto Bauer attempts to give an account, through German eyes, of life in an African area of the Sudan. It is a book of the characteristics of the German idea of what such a life is, or should be; but the "stress" of the physical side, with no appeal to British eyes, will bring the reader to the presentation is fair or true. The "evolutionism" of the parasite, which was Ross's conviction. It is a pity that Ross should have the "evolutionism" of the parasite.

THE C.M.S. REPORT, 1930-31.

The C.M.S. Report for 1930-31 is a book of the characteristics of the German idea of what such a life is, or should be; but the "stress" of the physical side, with no appeal to British eyes, will bring the reader to the presentation is fair or true. The "evolutionism" of the parasite, which was Ross's conviction. It is a pity that Ross should have the "evolutionism" of the parasite.

PUBLICATIONS RECEIVED.

The Blue Book of the United States Government (London, Entebbe, 1931). The "evolutionism" of the parasite, which was Ross's conviction. It is a pity that Ross should have the "evolutionism" of the parasite.

IS GAME FASCINATED BY DOLPHIN

A retelling of incidents in the life of a young man in Africa

To the Editor of the "East African"

Dear Sir, I have read your issue of July 1914 and am glad to see that you have not only printed but also published the noise of a motor in any of the magazines.

In 1908 I was proceeding by motor boat on the Rufiji River, with Captain Morgan and Messrs. Smith and Kenzie who brought out the "Kilari" from the Bay of Dar es Salaam a year or two ago and a "White" passed through the "living gate" from the Bay of Pate to Erindini.

To return to the Rufiji, Morgan and I saw a crocodile standing up on all its four legs a few feet away in some concrete stream. The stream was very narrow at this point, but that was not why the reptile did not slither into the water, as they do when a canoe passes.

It was hypnotised by the strange noise of our motor and stood still until I shot his brains on the mud, after going him about a minute to convince him that he had no effect upon me. It may have been a "ghost" motor boat had been in the Mohoro creek for some time and was only "seen" by the people of the district and the only "Salaam" and I sent the fat to a witch doctor for his use.

Again a few days ago I went out on the road to meet a man who was joining me by his motor cycle. Being a wary sort of fellow, as I suppose a man who lives by hunting dangerous game becomes, I looked behind me before watching his "pik-pik" arrive, and I saw two luminous eyes about twenty yards away reflecting the light of the motor cycle. I went to my gun and would have shot a skin had not the man stopped his engine and said that time the creature was still gazing spellbound at the motor cycle. The moment the noise ceased it made off.

Yours faithfully,
Ruffi
B. B. B. B. B.

THE AFRICAN AND SEX

Age and Freedom of speech both are the "East African" Editor's "East African"

SIR, I feel sure that with your usual broad-mindedness, you will not mind my commenting on your criticism of Lord Dunsford's statement that "our part of the East and in Africa" in which you express the equally sweet opinion that "in Africa, a century is a day" in the sense in which I do know I know in

... as opposed to extensive...
... to believe that both the love...
... qualifications and...
... (so-called "live")...
... the most frank...
... Victorian...
... freedom of speech...
... side.

This... of the... will...
... just the same...
... Children may...
... of every young...
... (and...
... without...
... of the tribe...
... as one...
... But...
... the...
... as...
... tasks.

Young women... themselves...
... but this is...
... that between...
... the rule...
... maintained...
... on which...
... is in...
... advance is...

Between... of different generations...
... in...
... and...
... relations...
... honored...
... signed...
... For a very large...
... subjects...
... which...
... such...
... or even...
... generation...
... whatever...
... which we...
... not...
... sweetheart... skirt...
... of the...
... and...
... words...
... of a certain...
... special...
... if they...
... of the other sex.

Again... man may not even hold...
... or even his wife...
... demonstrations...
... by marriage...
... of a senior...
... young...
... The greatest...
... is...
... of opposite...
... of a woman's...
... All initiation...
... it would...
... From...
... the...
... is very...
... No doubt...
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... a...
... (Dunsford)

HOW NOT TO GET BUSINESS.

Remarks by Mr. J. P. B. at the World Exhibition.

By J. P. B. at the World Exhibition.

SIR, I was greatly amused from Dares Salaam to see a specimen of our day-to-day life at the World Exhibition. I had been told that in the East African Exhibition, and found it so. A postcard invited me to ask for a leaflet giving the names of the exhibitors, and their addresses. I asked the exhibitors, and they were available. I inquired, their representative, in Tanganyika, I had a hurried searching of files, after which they gave me the name of a firm in Nairobi.

This manufacturer cannot be seen in business. They did not ask for my address, whether they could quote me for an outfit. Some of the people, some firms put on the stands could barely sell their gold and silver wares for ten shillings each.

Yours faithfully,

JUST HOME FROM DAR

Gloucester

WHEN THE YOUNG LEAVES SHOOT

Their Effect on Temperature.

To the Editor of "East Africa."

SIR, I cannot follow S. H. R.'s letter from Northern Rhodesia in your issue of September 1 to pass without protest.

In it he declares that "it is generally established to my own satisfaction that the aerial shooting of young and fresh foliage has an influence for cooling, this meaning is not quite clear, but it appears to allege that the sudden burst of foliage after winter may actually cause a fall in the air temperature in Southern Rhodesia or as much as 10° F. I do not deny that such a heavy fall in temperature may coincide with the bursting of the leaves, but the plants can have nothing whatever to do with the phenomenon.

A quick development of leaves means for the plant an extra expenditure of energy, which must mean an increase in respiration, which involves a rise in temperature in the plant. It is very easy to show this by a simple experiment. A thermometer resting in a glass of water will indicate a rise of several degrees Centigrade. Even if the contrary were true, it is impossible to believe that plants could affect the temperature of the air to the extent mentioned. Why a bushfire would?

Yours faithfully,

London

POINTS FROM LETTERS.

It is surely foolish for maize growers and exporters in Kenya to suggest, as so many of them do, that an increase of railway rates to the cost equivalent of an additional sixpence of a shilling per bag would result in closing down the industry. What if just bags were to carry this amount, which is quite possible next season?

One who went to a recent meeting of the Kenya Association, and both he and several of the speakers were of the opinion that the better the Government is, the better the country will be. It is true that the Government is not perfect, but it is better than it was. It is true that the Government is not perfect, but it is better than it was. It is true that the Government is not perfect, but it is better than it was.

EAST AFRICA'S

WHO'S WHO

70 His Excellency Richard Sims Donkin Rankine, C.M.G.



Copyright "East Africa"

It was after spending nearly six years in London, and a year in Fiji, that he went at the age of nineteen, and where he was private secretary to the Governor, then Mr. Rankine was first appointed to East Africa, this was in 1890, when he became Chief Secretary to the Government of Nyasa, and he acted as Governor of that Protectorate during the years 1901, 1902, 1903, and 1904, and he was Nyasaland's representative at the first Dominion Conference in London. In 1905 he was appointed to be Chief Secretary of the Kenya, and in the following year he acted as Governor of the Province of England, the Punjab, and the Province of the Punjab. Rankine was made a Knight Bachelor in 1907, and in 1910 he was appointed Governor of Nyasa, and he personally supervised the work of the Government of Nyasa, and he made himself very popular with the people. He has had a long and successful career, and he has been a member of the Privy Council since 1910. He is now a member of the Privy Council, and he is a member of the Council of the East Africa Company.

PERSONALIA

Mr. and Mrs. Clifford Mander are returning to England.

We regret to report the death last week of Lady Kess, wife of Sir John Kess.

Dr. Hans Reiter of Berlin has joined Dr. L. S. Peake's expedition in Kenya.

Miss Hitchcock and Mr. Ginn arrived in England by air from East Africa last week.

Lady Bettie Sherbrooke Walker and her daughter, a Nyercy, last week.

Mr. E. Thorn won the Lawley golf cup in Beira. The runner-up was Mr. A. R. Payne.

Mr. G. Nash has been appointed a member of the Advisory Committee on Education in Tanganyika.

Congratulations to Commander John Bunt, R.N. (Retd.), on his promotion to that rank on the Retired List.

Mr. T. A. Johnson, the Nairobi manufacturers' agent, has just returned from a visit to the Belgian Congo.

Among those outward-bound for Beira are Mr. R. H. Murray, Mr. B. A. Thomas, and Mr. E. R. Wright.

Miss M. Auchter, of the I.M.C.A. in Tanganyika, left London this week on her return to Masaka.

Sir Percy Loraine, High Commissioner for Egypt and the Sudan, has returned to London from Northumberland.

Mr. Doug. E. Smith, a Zanzibar missionary, last week addressed a Westports' mission-gathering.

Lord Lovelace, who recently returned from Benyamina, is staying at Ben Damph Forest, Hoss-shire.

As R. H. Lowe, who has been in charge of the construction of the Kampala water installation, is coming home shortly.

The Rev. W. Hinchkiss and Mr. D. Hinchkiss of Kericho, recently flew from Kisumu en route for this country.

Mr. H. Le Mare, of the Customs Department in Uganda, is en route for the Gold Coast, to which he has been transferred.

Lord Lloyd has resigned his seats on the boards of the Lyons-Litts Company and of Messrs. Anglo-Frank and S.S. Ltd., owing to his increasing public engagements.

Mr. and Mrs. Knill, who have just arrived home from Nyasaland, flew from the Protectorate to Beira, where they were just in time to catch the homeward-bound ship.

Mr. H. Meale Mason Moore, Colonial Secretary in Cornwall, and Mrs. Moore, who have been residing in Cornwall, are now in Scotland.

Mr. R. Oxford, who has been engaged in touring all over Nafion for several years, has established a news agency in the Kenya capital.

Mr. J. R. Williams, agent in East Africa for the K. Posters, Ltd., has arrived back in Kenya following his tour of Nyasaland and Portuguese East Africa.

Mrs. Jane Silver, formerly of Nairobi, has purchased an estate at Fimau, Kenya. An enthusiastic airwoman, she intends constructing an aerodrome on her estate.

Mr. Stanley A. Swett, who was born and spent the early part of his life in Kenya, has joined the staff of Malindi Prep School. He is a son of the late Mr. Stuart Swett.

The honorary degree of Doctor of Science was conferred on General J. S. Smith, F.R.S., by the British Association, at a reception at London University last week.

Mr. W. Rolfe, of the Balfour Beatty & Co., has been appointed consulting engineer for the construction of the hydro-electric scheme at Maragua Falls.

Mr. J. de la Roche, of the Seychelles, has been appointed Director of the Seychelles, in succession to Mr. R. S. de Verre, who was recently transferred to Grenada.

Mr. Arthur G. S. Smith, Wilton, G.C.M.G., Permanent Under-Secretary of State for the Colonies, has appointed Mr. D. C. J. McSweeney to be his private secretary.

Mr. J. Beecher, B.Sc. of Kahuhia, and Mr. J. Webster, B.A. of Nairobi, were ordained priests by the Bishop of Mombasa at All Saints' Cathedral, Mombasa, a little while ago.

Sir Robert Hamilton, M.P., has been appointed Chairman of the Colonial Advisory Council of Agriculture and Animal Nutrition in succession to Dr. Drummond Shiels, M.C., M.P.

A writ for libel has been issued against Mrs. Eleanor Marchant, who dated last April last year, by Mr. Somerset Maugham in connection with Mrs. Marchant's book, "Eun Curle."

Mr. J. T. Murphy has assumed charge of the Embu district of Kenya, and Mr. C. W. Hayles, a diler, has taken charge of the Kisumu-Bondiani district of the Nyanza Province.

Captain B. W. De Cochrane, of the Kenya Police Force, who during his last tour was in charge of the Kiambu district, has arrived home on leave accompanied by Mrs. De Cochrane.

Dr. J. P. Anderson, of the Kenya Medical Service, has been awarded the North Bristow Forces' Memorial Medal for his paper on malaria investigation in East Africa.

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Ready Radio Ltd



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MISSIONARY PIONEERS OF UGANDA

Meeting in London last week

GENERAL PIONEERS ASSOCIATION of Uganda... sent last Friday at the Festival of Education... St. Paul's cathedral, arranged by the Bishop... After the service... appointed missionaries attended... death of London presiding...

Mr. D. F. Basile, Anderson-Buckley, Miss... Browne-Cave, Mrs. ... Cook, the Rev. H. G. ... Rev. A. B. ... Hott, ... Kerr, ... Mrs. ... Miss ... Miss ... Mr. ...

The first consultations were... Pilgrim, who on Monday celebrated the thirty-fifth anniversary of her father's... marched to Uganda

When the Nairobi branch of the... of India were... by the Government... Mr. A. A. Legat... started operations in East Africa... in 1893, extended to... three years later, to Nairobi in 1904... new building is a steel-frame... walls being of heavy brick... plinth level... with artificial stone... The great proportion of the woodwork... is of local wood. Sir Joseph Byrne... that his first visit to Nairobi was...

FINDING SETTLERS FOR EAST AFRICA

Met Wednesday Meeting in London

... of the East African branch of the... will be held at... Street... on leave of... the country... cordially... a campaign to... adequate... after the meeting...

... Robinson... just left London... Nairobi has been... Secretary of the East... information... London... and... of...

The Nairobi Chamber of Commerce... approved the principle of... for... business... and those seeking a home... obtain the amenities of life exempt from income... an country well... with a wide range of... of every... and a life of... by... conditions... appointed a... from... what... taken... such... and to... of the... in... The Nairobi Association has... resolved... At both meetings the view... that... should have a... of its...

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HINTS TO MOTHERS ON CARE OF BABY

Isn't it amazing how mother... care of baby, wedged in between the million tasks which fall on the running of a home! Anything that truly helps is so appreciated. That's why Steedman's little red book, "Hints to Mothers," has become such an invaluable home guide in hundreds of homes all over the world. It deals so practically with every little ailment that mothers are sure to have had it to do. And in the case of... serious illness it tells what to do...

It is, in fact, a... Steedman's Powders... especially for childhood... from teething time until fourteen. So safe... They regulate the little... and keeping the... and cool. Your free copy of "Hints to Mothers" is waiting for you. Why not... a postcard for a free... Co., 272, Wabworth Road, London, E.C. 2.

Advertisement for Clavener's Hotel, Ltd. and Stores. Includes text: 'BY APPOINTMENT TO H.M. THE KING', 'Clavener's HOTEL, LTD. AND STORES', 'Representatives: THE NEW AGENCY, LTD., P.O. BOX NO. 23, NAIROBI'.

HOW NOT TO TEACH SCOUTS

The way parts of the world you will... There is one up the... Mountains... The Scout...

South Africa in the Press

WE ARE LEFTS IN THE PRESS

The following are culled from the... The following are culled from the... The following are culled from the... At Baflo, Kenya, they lost everything...

MORE MERCANTILE GEOGRAPHY

Letter addressed to... Sixth... which says... wonder...

LORD CRAFORTH ON POLITICS

Lord Craforth says in the course of a letter... to the Times... country... Lord Craforth...

JUBA YESTERDAY AND TO-DAY

In the past two years Juba has grown from... In the past two years Juba has grown from... In the past two years Juba has grown from... This centralisation and the impact...

LOCUST PARRIDGE

In view of the many inventions in East Africa, the following recipe may be useful to those who wish to make some use of the surplus of locusts... By Mr. W. W. ...

Leave Nyasaland Limited

...leave was telling... of listeners of his experience... of his audience...

THE improved GLAXO with added Ostelin vitamin B... MAKES firm flesh, sir 1g bone, sound teeth... AVOIDS rickets, wasting, malnutrition... over two years medical trials in Great Britain proved the value of this improved Glaxo... (with e. dei Ostelin vitamin B) for infant feeding before it was placed on the market



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Relief, efficacy and rapidity of action are the secrets of the popularity of Dr. Bengue's Balsam. The first application gives almost instant relief in cases of **RHEUMATISM, NEURALGIA and GOUTY PAINS.**

Invaluable for insect bite, owing to its penetrating antiseptic action.

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Edinburgh & Glasgow

COFFEE PESTS AND SOIL CONDITIONS:

MEALY-BUG INFESTATION DUE TO ACIDITY

Kenya loses a Valuable Official

There is a strong commission exists between mealy-bug infestation of coffee in Kenya and the acid condition of the soil is the principle running through a valuable pamphlet, written by Mr. D. S. Gracie and A. D. de P. Trench, and entitled "Soil Conditions affecting coffee in Kenya" (Bulletin No. 17 of 1931, Government Printer, Nairobi). It follows logically on the equally good booklet by Mr. Gracie on "A Preliminary Survey of some of the soils of Kenya" (Bulletin No. 1 of 1930, p. 48-50), which has already been favourably noticed in *East Africa* as introducing the farmer and settler to modern methods of estimating the value of the soils from which they wrest a living. It is with regret that we note that Mr. Gracie is no longer a member of the Kenya Department. His work on the vital problem of soils was among the most promising that has emanated from official sources in Kenya. Devoting his attention to Kikuyu red soils, Mr. Gracie analyses their colour, their changeable calcium and phosphorus content, soil value, and specific acidity at different levels of the soil profile. (The terms he has adopted, explained in his "Preliminary Survey" brochure) and shows the intimate connexion which exists between mealy-bug infestation and soil conditions where progressive acidity occurs in the subsoil where the coffee is attacked by mealy-bug, where the pH does not fall below 4.7. The trees are free from the pest. A characteristic mosaic yellowing of leaves and a withering round the edges he correlates with deficiency of available potash in the soil, and these symptoms are to be seen in a bushy coffee tree as well as a coffee growing on soil with a gradual increase in depth.

But Mr. Gracie also demonstrates that a similar yellowing, but generally without the withering, is observed in coffee, due to a high potassium in the soil, the acidity diminishing with depth. This he considers is due to manganese deficiency.

Practical Treatment.

When it comes to the practical treatment of these soil conditions, the difficulty of the subject becomes apparent. It is emphasised that no general rules for treatment can be laid down, each estate, each portion of an estate, must be considered separately after a careful investigation of its soil conditions. Manganese deficiency may be ameliorated by a top-dressing of organic manure or by direct application of manganese sulphate. Similarly, potash deficiency may be remedied by direct acidity soil care must be given to avoid excess which may lead to manganese fixation and deficiency, which means wasted money. Then the correct balance between potassium and calcium must be preserved, the ratio being of minimum importance in the production of coffee, and this correct ratio can be determined only by a complete analysis and accurate quantities of the elements. Manual experiments have been made by the Commission with the mealy-bug infestations, but definite conclusions cannot be drawn after three years. The pamphlet deals with the details of soil cultivation, the analysis of coffee, the use of lime, and with the presentation of the soil to the Commission. Mr. Gracie's investigations have been facilitated by the assistance of Mr. J. J. de P. Trench, whose knowledge and experience on the cultivation of coffee are certain to be of great value. The pamphlet is well bound and illustrated with many fine illustrations.

GAME AND ARSENIC SPRAY

Animals Move away from Cattle

Mr. R. S. PITMAN, Game Warden of Uganda, with an atlas, transferred to Northern Rhodesia to organise the Game Department, whose annual reports on his work in Uganda have always been most welcome. His game and valuable has, in his Report for 1930, noted on the effect of arsenic spray (ferrous) on game animals. Inquiries, he says, have shown that the only species known to suffer any extent is the dik-dik. Other animals have been reported as being affected by intensive spraying, but it is not conclusively certain that the mortality was due to the spray. Rabbits usually seem to graze over a heavily sprayed area and watched for a week seemed to suffer no bad effects. Most animals, he says, move away from an area of heavy local infection and this may account for the high deer population.

RUSSIAN AMBASSADOR ON COLONIES

We have received copies of a speech given by the Russian Ambassador in London to the Society and the Russian Ambassador in London, in a one-hour address to the Society, in connection of labour conditions in Russian timber concessions on the grounds that "most of the slavery continues to exist to an appalling extent in various Colonies belonging to capitalist countries," adding that "it would be quite natural to expect the Society to fight this slavery where it is a kind of means resorted to attack against the spirit of Socialism construction." The Ambassador refused to receive a delegation from the Society and apparently ignored the request that he should furnish any reliable evidence in support of his charges against unspecified Colonial territories.

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EAST AFRICA'S INFORMATION BUREAU

"East Africa" Information Bureau exists for the purpose of providing information to all persons desiring the present and future of the continent. One of its principal objects is to contribute to the development of British trade throughout East and Central Africa and to give information which is of value to all those who have for their purpose any of the following:

Kenya exported 100,000 tons of sisal in 1920, a 10 per cent. increase on the previous year.

The Post Office at Eldoret, Kenya, has been closed.

A rifle range has been opened at Plaka, Kenya Colony.

Dakota river breakwater has been badly damaged by a storm.

The Sudan United Mission is appealing for donations.

Consignments have recently been made to the Tanganyika.

The Dutch Reformed Missionary Society have built a new church in Nakuru.

There are now thirty landing aerodromes and seven aeroplanes in Tanganyika Territory.

A wireless station has been erected near Salisbury (Southern Rhodesia) aerodrome.

Messrs. Wythehead and Oswald have begun business at Leadwv Northern Rhodesia.

An aerodrome has been constructed at Mashiki, Uganda, by the Aerial Survey Company.

Northern Rhodesia exported minerals valued at £254,200 between January and July this year.

The ordinary general meeting of the Anglo-Bank Company is to be held in Lisbon on 15th October.

The Polo Club recently beat Rungtzi by 10 goals to two when playing for the Koharu Cup.

The Kenya Government is to consider the establishment of a township near Chumbeil in the South-Western District.

Messrs. P. Young & Co. are to construct a 100-mile long line in Northern Rhodesia to connect Chambishi with Mufusa.

A new brand of steel wire mesh packages for export is being produced in Kenya, Uganda, and Tanganyika, and such packages will now cost 75 cents.

1000 tons of steel wire mesh packages for export are expected from Kenya through the last total of 1000 tons, which was to be Belgium.

1000 tons of steel wire mesh packages for export are expected from Kenya through the last total of 1000 tons, which was to be Belgium.

Mr. George... has secured the contract for building the extensions to the New Stanley Hotel, Nairobi.

A co-operative society for Northern Rhodesia to stock produce has been formed at Mambwa.

Mr. F. H. ... has been elected chairman of the Board of Directors of the East African Bank.

Messrs. R. Madanani, P. Cavada, H. ... and ...

The East African Government is stating that the no. 100 items of the ... in Kenya or in ...

Asians instead of Africans is admitted. They claim that their predecessors came from Arabia and for many years had non-Native ...

Twenty-five Kenyan Catholic missionaries are expected to leave for the East African continent. The Explorer and Grand ... of ... Africa, ... and ... of ... and the ... of ...

The chief prospecting licence recently established in the ... of ... has been ... of ... It was a plucky effort of ...

It is reported that the six prospecting licences have been ... of ... and the reef gold has been found. The area in question is the ...

The ... of ... during his stay in ... has inspected ... sites for an aerodrome near ... systematic search of every square mile of ... miles around ...

H.M.S. Enterprise, which is well-known in ... prior to ... October 14. She will then return to the East India Station under the command of ...

M. Manassi, a director of the Bombay ... general importers of Gilgil, Nairobi, and ... has arrived in this country after spending a holiday on the continent. One of the associated concerns, ... absorbs about 5,000 bags of wheat monthly. Mr. Manassi intends staying in the ... for the next three months.

The Boy Scout Council is to be formed in Kenya to run the executive committees which have hitherto had no ... approval of the new ... has been given by the Chief Scout for Kenya, ... who will be the president of the council. Mr. C. H. Redhead, of the Prince of Wales's School, Kabete, is acting as Hon. Secretary of the Kenya Scouts.

The Tanganyika Government has decided that all officials allowed to be official ... as from October 1st except in the case of officials who have to stay in clubs and hotels, to whom the actual cost of lodging will be ... Applications will be entertained from officials in respect of various courses of instruction in England which involve any additional expense to Government, such as extensions of leave or funds of travelling expenses.

HOME LEAVE.

TO BE LEFT at home, South Devon ... for six to nine months ... Write Box No. 220, East Africa, Great Witley Street, London, W.

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PAST AFRICAN PRODUCE REPORTS

FINE CENTRAL AFRICAN PHOTOGRAPHS

On View in London.

There is a general improvement in the work of the markets and prices generally improved in the following commodities:

- General - 100 lb. to 2 1/2 0/0
- Bacon - 100 lb. to 2 1/2 0/0
- Provisions - 100 lb. to 2 1/2 0/0
- London cleaned - 100 lb. to 2 1/2 0/0
- Edible size good greens - 100 lb. to 2 1/2 0/0
- Medium size - 100 lb. to 2 1/2 0/0
- Peas - 100 lb. to 2 1/2 0/0
- Avocado - 100 lb. to 2 1/2 0/0
- London stocks of East Africa coffees for September 30 totalled 2,370 bags, compared with 30,307 1/2 for the corresponding date of 1913.

Other Produce

- Castor Seed - Steady. East Africa, 1913 and 1914 (The comparative quotations for 1913 and 1914 were £17 5/8 and £17 5/8)
- Cocoa Beans - 100 lb. spot and at 2 1/2 for 1913/14 December shipments. (The comparative quotations for 1913 and 1914 were 3 1/2 and 3 1/2)
- Peas - The market has improved slightly to 2 1/2 0/0 per 100 lb. (The comparative quotations last year was 2 1/2 0/0)
- Cotton - A large business has been doing in African cotton at between 4 1/2 and 5 1/2 per lb. according to quality. The comparative quotation last year was between 4 1/2 and 5 1/2
- Cotton Seed - Steady. But little business is passing at the quotation of £15 1/2 for the comparative quotations in 1913 and 1914 were £15 1/2 and £15 1/2
- Guano - Steady at the slightly better price of £13 1/2 per ton. The comparative quotations in 1913 and 1914 were £11 1/2 and £11 1/2
- Maize - The price has been rising slightly and No. 1 white flat is now quoted at 10s 3d and No. 3 at 18s 0d for October shipments. (The comparative quotation last year for No. 1 was 10s 3d and for No. 3 was 18s 0d)
- Sisal - An increased demand at 1 1/2 per lb. (The comparative quotations in 1913 and 1914 were 1 1/2 and 1 1/2)
- Sisal - Steady but considerably lower touching 2 1/2 0/0 on account of 50% rise by bears. It reacted to £10 4s. was driven down to £9 and recovered to 2 1/2 0/0 for East Africa for October/December shipments. At the moment of writing the market is quiet. The comparative quotations in 1913 and 1914 for No. 1 were £10 4s. and £10 4s.
- Tea - 432 lb. of No. 1 island tea sold in London for the week ending 10/11/14. (The comparative quotations for 1913 and 1914 were £10 4s. and £10 4s.)

A remarkable exhibition of over three hundred photographs of African Natives, the result of many years' labor by Mr. Duggan Cronin and Professor G. Curliagh is at present on display at the Wycombe Historical Medical Museum, Wycombe, Bucks. The photographs, which are not only by their imposing size, technical excellence and richness of subject, but assume real historical value as photographs of the costumes, dances, and individuality of the natives disappear with the "civilisation" of the tribes depicted.

Most of the photographs are of South African tribes, but Professor Cronin went as far afield as Northern Rhodesia and worked among the Batonga and the Amomani. Batonga he records fire making by the "two tip" stick method, which may be practically obsolete; the "Carries *Ichanga*" for "doot for spirits" by a blacksmith at work; the wonderful basket-making of the tribe and gives a portrait of an infant boy believed to be the brother of an evil spirit, and he must be admitted that the child's appearance justifies the belief in a considerable extent. A curious feature is three young girls sitting at the feet of the man from both persons and giving an extraordinary emotion which has apparently received little attention.

The three girls mentioned to have exceptionally handsome among the Central African tribes are all from the same and from the photographs certainly make up for their reputation. Some of the faces are remarkably long and prominent noses, and an aristocratic mien. The drawing of the hair in the pictures striking at the view of the many of the tribes but shows an unusual artistic elaboration of the portrait of an old man, a high complexioned one-legged singer, a white man, associates with the "Carries" or the Masai.

NEWS OF OUR ADVERTISERS

With reference to our advertisement of Moment Tablets on the subject of strated waters, Messrs. W. Hayward & Co., Ltd. of Attleborough, Notts., point out that the advertisement which is regularly advertised in *East Africa*, is not merely accurate in that their AD Berry brand is required to have a definite medicinal value, particularly in the tropics, its particular virtues being that of a combination of pure acid tablets. The brand in question is stocked at most of the large chemist stores in Eastern Africa.

The Human Company, Ltd., of Messrs. Road, are the proprietors, have produced a car which is under construction and will be ready for the Continent. The car has been built to stand up to hills and hills, and another point of its favour from the East African point of view is that the electrical distributor and the dynamo are high up out of the way of water splash. The chassis is built on a 1200 lb. family saloon chassis, which is an excellent power and is a very good car.

Mr. J. B. Barton of Tanga has sent to Kenya a quantity of human tetrachloride for experimental use in the treatment of malaria. This is a very valuable medicine and is used by the Royal Army Medical Corps in the treatment of malaria. It is a very valuable medicine and is used by the Royal Army Medical Corps in the treatment of malaria.

SUDAN SALT ANNUAL MEETING

At the recent second annual general meeting of Sudan Salt Co. (Ltd.) which was held in London, Sir Bernard Eckstein, the chairman of the company, reported that the troubles were primarily due to the strong fighting of the price of the salt export on the loss judgment and experience they had reached. The result was a much loss of revenue and a fall in the price of the salt. The company was able to reduce the price of the salt annually. The company was able to reduce the price of the salt annually. The company was able to reduce the price of the salt annually.

A subscriber writes from Kampala that a "supper" notamus recently walked up to the pump house of the water works station on the shores of Lake Victoria near Kampala and ordered to open the door and the guard departed of being the night watchman.

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The s.s. "Cassidy" left Mombasa for London on October 1, carrying the following passengers: Mr. Amresina, Mr. ...

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PASSENGERS FROM EAST AFRICA

The s.s. "Exploration" which left Mombasa on September 18, carried the following passengers for Mombasa: Mr. ...

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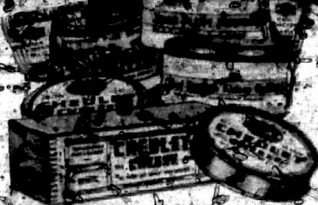
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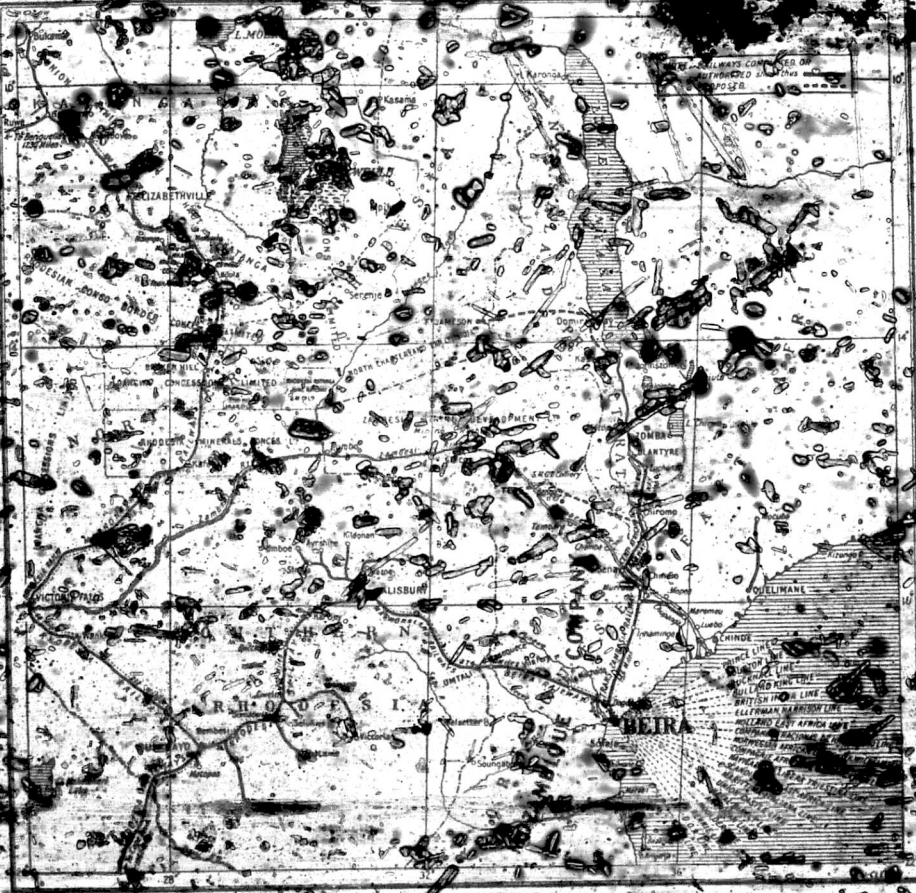
OCTOBER 16, 1911

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EAST AND CENTRAL AFRICA
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LOCUST OBSERVATION OF IMPORTANCE

From the disastrous locust invasions from which East Africa has been and to suffer it is important that the greatest possible amount of knowledge shall accrue. A extraordinary little is really known about the habits, life history, and physiology of these insects, whose depredations have been distressingly familiar to the human race ever since the dawn of time. Dr. B. P. Uvarov's classic monograph on locusts and grasshoppers is a rare treat, the amazing derivation of the information available in it. The scientist himself is the first to acknowledge and deplore it. It is at least a crumb of comfort that here and there we find intelligent and observant settlers in East Africa noting the behaviour of invading swarms of flyers and clustering bands of hoppers (to adopt Dr. Uvarov's nomenclature), criticising methods of control or destruction, and wondering why the locusts do this or that. The subject which promises to be fruitful in connection with the locust problem is the way in which they take a decision to part. A locust is attracted in any way to a certain place. From actual experience it has been found that no amount of noise is being made which the flyers, or toothing of mandibles, or any other action in making the noise drives away to flight. Whereas, any noise which is made by the insects, or any other action in making the noise drives away to flight. Whereas, any noise which is made by the insects, or any other action in making the noise drives away to flight. Whereas, any noise which is made by the insects, or any other action in making the noise drives away to flight.

results in a jumping reflex, an adult locust "takes off" in another individual flies above it, and one swarm flying above another still on the ground causes the latter to take off and join the first, thus forming large swarms from small ones. But it is not so as to pass over a sitting locust, it is ignored, doubtless because the insect's tongue is the primary of the vibrations, probably by means of its tympanal organs. Hence if the noise is sufficiently loud, it will prevent a swarm and prevent its so doing. If the statement be confirmed that a swarm in Kenya was recently driven off by the noise made by an airplane, it is likely that the airplane was that plane which has been the ideal anti-locust weapon. The problem—and it is an important practical one—can be solved only by experiment.

As further corroborative evidence, it is essential to realise that the behaviour of locusts in any given circumstances is not the result of any one stimulus, but a combination of stimuli. It is necessary to separate the stimuli if we are to arrive at reliable conclusions. Temperature, for example, has a marked effect on locusts. At a temperature of about 10°C. locusts will settle either from cold or from heat. If the temperature is settled they would probably be slow to react either to movement or to vibration of the air. We repeat the title, really known on these and other points, and that the precise observations of locusts in East Africa are of the highest value as data from which specialists may draw reliable conclusions. We shall welcome such observations as to the manner of the movements of bands of locusts. A band once started on a march, possibly cannot stop, since the hoppers owing to their gregariousness strive to keep as close as possible to one another and produce continuous sound which is heard in jumps and drawing. The band therefore must not be dispersed, and when the movement ceases, and the mass of locusts and the locusts of masses of hoppers.

WATERS OF MOMENT

The British East African Dependencies will be profoundly affected by the judgment of British electors in 40 days hence.

GENERAL ELECTION AND EAST AFRICA

On the 27th of October, 1931, the whole Empire. The prime question before every man and woman privileged to exercise a vote in what is to cast it for a National Government pledged to use every means to restore Great Britain to her proud position as the leading country in the world, whose financial and commercial policy stand unassailed; the second question—and it is inseparable from the first—is whether the Mother Country is to be given a Government committed to the national policy of Empire co-operation involving the fullest possible extension of the system of Imperial Preference, and its corollary of tariff protection for Empire producers. Neither should be a party question, but unfortunately the Labour Party has insisted on putting away from its responsibilities, and then regarding them as vital and essentially economic matters purely from what seems to them the standpoint of party expediency. In these pages we know, by party politics, and judge everything from the probable views of the British East and Central African Dependencies. Not for a moment can it be said that the development of those territories would be jeopardised by the short-sighted policy of the Labour Party now put before the Nation, and, on the contrary, that their development will be immensely stimulated by the introduction of tariff and extended Imperial Preference.

The special list of candidates will define East African interests, which we publish in this issue will enable our readers to follow with interest the fortunes of those politicians who have already given proof of their bathos of anti-party to East Africa. It will also show that the list includes the orthodox Liberal National and the orthodox Labour Party.

CANDIDATES WITH SPECIAL EAST AFRICAN INTERESTS

In the past, the Liberal Party has shown more sympathy for East African problems than the Labour caucus. It is now, however, the Liberal and Major A. G. Church, who, if elected, will be in a position to do more for Africa than any other politician. He is a man of wide experience and is a man who, if elected, will be in a position to do more for Africa than any other politician. He is a man of wide experience and is a man who, if elected, will be in a position to do more for Africa than any other politician.

When we consider the fact that the Government has been elected, it is not surprising that the Liberal Party should be in a position to do more for Africa than any other politician. It is a man of wide experience and is a man who, if elected, will be in a position to do more for Africa than any other politician.

of holding a three-cornered contest, I consider that he would have had a good chance of winning the seat. It involves a large vote, but it is scarcely enough to make him a safe member, and another possible candidate might have entered the House of Commons. It is a man of wide experience and is a man who, if elected, will be in a position to do more for Africa than any other politician.

That the sections will be in an all-over view of the country, and the votes cast for the National Government, we need not doubt. The fact that the vote will be promptly followed by the introduction of a general tariff and a great extension of Empire Preference is certain. When Great Britain imposes tariffs, they will be an irresistible force, and from East Africa, for the abrogation of the Congo Basin Treaties, which at present preclude tariff protection in East and Central Africa. These treaties must then be swept away, in order that British trade can be given the advantages which it should enjoy in the British African Colonies, and which it will have every right to expect if Great Britain extends her own preference in favour of East African coffee, tea, tobacco, cotton, sisal, maize, and other commodities.

TOWARDS ABRIGATION OF THE CONGO BASIN TREATIES

Meantime the British manufacturers arouse themselves to the sense of their opportunity in Eastern Africa, and go forward more forcefully than ever in the determination to turn their potentialities into actual orders. There can be no excuse for inaction pending abrogation of the Congo Basin Treaties, and the introduction of preferential tariffs in Eastern Africa, for each industry on the matter of British exporters will assuredly be met by the most serious possible exactions on the part of foreign competitors, who will dump into the territories an abundant supply of goods, the British manufacturer of which would be a heavy loss. To meet this position, British manufacturers and exporters, particularly those in the competitive categories, can protect themselves forthwith at all points of the market, and maintain a high standard of quality. As an added incentive, they have a very real advantage conferred by the devaluation of sterling, which all too many British manufacturers appear to be overlooking. Many who profess some realization of the value of the expected benefit hesitate to act on the score of political uncertainty at home, and this is a very real disadvantage, particularly for the most important industries, for a period of such a very robust form of competition, and for many years to come.

MEANTIME IN BRITISH MANUFACTURERS AROUSE THEMSELVES TO THE SENSE OF THEIR OPPORTUNITY IN EASTERN AFRICA, AND GO FORWARD MORE FORCEFULLY THAN EVER IN THE DETERMINATION TO TURN THEIR POTENTIALITIES INTO ACTUAL ORDERS.

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porter will have disappeared... which activity now... resulting... in many... (Choslovakia, Belgium) for instance... opening of... nextors

...duty... upon all citizens at the... buy British... and we greatly trust that...

"BUYING BRITISH" At an... business... this... NATIONAL DUTY... country are... home... and... porters to a real... of the... for prompt... action, and the... buyers in... Africa are using the... wireless, cable and... mail to... the same... points. "Wait... after the election" is not a... reply from a man who... wants... ceased export trade. Now... the time to seek... and... The... is... Buy British... should... that... ever be the... of East Africans... but they cannot... buy British... British manu-... facturers are not... sufficiently... able to... sell British... to the... Dependence... The... of the... case are... patent. Once more we say that East Africa... will at... all times be... only too glad to give any... assistance... in its power to any... British... manufacturer... or exporter... appears to... establish, or increase... trade with the... territories we cover.

Civil servants in Great Britain, India, and some... the... State officials... to suffer... reductions of salaries... the cuts vary... GOVERNORS MISSING... ing... THEIR OPPORTUNITY. Only... the Government... concerned... take such a step, and it would not be... to... find the... Administration... compelled... to... in order to... balance... This... has not... in favour of a... reduction of... salaries... we have been repeatedly... to do in... months, but the mass of evidence from East Africa... indicates that "anomy" is... by... departmental... as... reduction... that... of salaries would... the... of the... Civil Service itself and for the... is... to... reduced staffs are... more important than... reduction... the... of the... most encouraging... had... the... of... governor... voluntarily... surrendering a... percentage... of his... which would... be... not merely... recognize the vast majority of... officials to a similar sacrifice, but also... hearten settlers and business men harassed by the present world... the... No... the... of... the... some at least of whom may have been... restrained by the... knowledge that their... might... never... need... of the King's... in no... to bear his... the... sacrifice... some... he... that the... would... be... of the... Office and... of the... Service... generally, since... what... are... inevitably... results... We... the... that... those who hold... as... of the British... would... shown...

...the... Chamber of... appears to... the... attitude of the local... Government... the report of... of... which was... some... The... The... general feeling... an... confidence... that... regarded as... some... towards... real... increased and... The... recommended... the... the... introduction... and... the... has rejected... tax was... and... further... The... The... 19... £25,000... on an... Without... of the most... of the... possibly exceed... unless... 50... of two cents per pound... irrespective... increased."... the... the... Public Works Department... and... of... not been introduced.

The Nairobi Municipal Council certainly seemed to exceed its duties, privileges and powers when the... Mayor... the... MAMBOI... the... Dr. N... by the... himself suggested a... That this Council... the citizens of Nairobi... earnestly... to... of Dr. Jewell... In these pages... have already... the... of this... has occasioned... almost to... and... the anxiety... to... the... capital had obviously... jurisdiction... would have been well advised to avoid... so manifestly... To their... that... considered that... of a... which... Government and... Municipal...

"In the National Interest"
British Manufacturers and Exporters are... the East African markets... by... their... to... their... with the territories... in...
The National Interest is...
The National Interest is...
The National Interest is...

LETTERS TO THE EDITOR.

PORCUPINES DO SHOOT THEIR QUILLS

Interesting Proof from an East-Tanganyikan.

To the Editor of "East Africa"

SIR, I was particularly interested in Mr. Deutscher's account of a porcupine giving a lesson, in view of the fact that I have indisputable proof of a porcupine actually shooting its quills. It occurred in my house in Lindi after Mr. Cicuta whom I know well told me that he had succeeded in shooting a porcupine very successfully. One of Ming Ngon was very successful in driving across the porcupine's quills and cutting it away, jumping the porcupine's quills, which he obtained from the official in Tanganyika towards Lindi.

The dog did not get nearer than a yard from the porcupine, which like a flash, turned all towards the dog and blowing his tail out to a comparatively large size, he shot some of his quills. The dog advanced three or four feet from the shoulder which protruded from the upper part of the chest to about an inch or so.

The porcupine had many empty receptacles which had obviously contained quills which had been shot at different times into which the projectile portion of the quills fitted and which I am unable to find any of the quills which were shot at the time hole through which the quills can be ejected at terrific force. The dog required can be conjectured in view of the fact that the dog

This porcupine incidentally used to come up two flights of stairs, and placing his forepaw on my knee, eat out of my hand.

There are a number of people in Tanganyika who present who will remember the incident which I describe. Yours faithfully,
Birmingham

THEY DON'T SAYS MR. DENIS LYELL

Habit of the animal.

To the Editor of "East Africa"

In the letter, headed "Experiments on Labor Lion and Porcupine" in your issue of 10th September, you advise it is a well known fact that the porcupine in self defence, shoots out its quills with great velocity. I have seen many quills for although the animal is supposed to be of great velocity, as if the quills were projectiles. Without a doubt the lion Mr. Deutscher with four porcupine quills sticking in its chest two or three inches deep got them there by jumping on to the animal. It may have been known to be illuded by this in the eyes and, consequently still ignorant of getting the quills out of their heads.

The porcupines are mostly nocturnal and it can be heard for some distance as its quills rattle loudly with its movements. In countries where it is plentiful its squeak can often be heard in the Native gardens in which it goes to eat green groundnuts, sweet potatoes and pumpkins. Porcupines are also eating and the Natives kill them whenever they are in their charge. Yours faithfully,
D. LYELL

SMOKING WHEN TRACKING BIG GAME

Lighting Cigarette as Wind Direction Finder.

To the Editor of "East Africa"

As I have mentioned Major Dugmore's recommendation of a heated cigarette as an aid to finding the direction of the wind when hunting, I would like to confirm his observations.

I have smoked cigarettes deliberately on all occasions when I have hunted big game and more especially on the many occasions when I have hunted elephants. My Native hunters always smoked and when approaching elephant involved me to quench my cigarette, which I refused to do. Yet at all discussions between human beings they always insisted that the odor of the black man was far stronger than the odor of the black man and I would not smoke a cigarette. My point always was that the odor of burning cigarette is so like the smell of burning human beings that I will accustom myself to smoke a cigarette and I will conceivably cloud the scent of man—even of a white man.

It is possible to smoke a cigarette and find the wind direction. I have found the cigarette smoke in a large with fair accuracy how long it would take for the smell of man to arrive and for the game to show itself. Yours faithfully,
NEVILLE A. SHARP

SETTLERS NEEDED BY KENYA

Attractions of the Colony to Men of Moderate Means.

To the Editor of "East Africa"

SIR, What we require in the Highlands of Kenya to-day are men of moderate means or with moderate private means who wish to settle in a healthy country where they can save cheaply and well, and where their own families can be educated and have a healthy open air life. Good schools are available in the country for their children and they do not have to leave them in England. The father and mother should think of their own future. Without ample means, youth are in an amount of expense such operations are bound to end disastrously. They can live comfortably on their pensions or private means in a country where actual living is comparatively cheap and a vacation small and had sufficient interest to make life interesting.

Such men would also do the country a great good as they would help to create a larger market for the produce of small mixed farmers. For their own sake only small acreages in the vicinity of the railway and towns would be necessary—say five to twenty acres, according to individual requirements. These acreages could easily be obtained at very moderate prices adjoining such townships as Nairobi, Frere Town, Eschscholtz, Naivasha, Naivasha, and Nairobi.

About 6000 feet is in my opinion the ideal altitude in this country, up in the middle of the hills, lakes, and rivers. As a rule, the social amenities can be secured in the above mentioned areas, and the man, facing polo riding, tennis, and fishing, and all at a very moderate cost. These men are the ones who would thoroughly enjoy the open air and the easy life which this country offers.

Some Statements Worth Noting.

EAST AFRICA'S

WHO WHO

Major Evelyn Barry Johnston.

"There is no part of Africa more beautiful than the Shere Highlands." - The Bishop of Natal, writing in the Natal and Zululand Diocesan Messenger.

"In case hon. members have forgotten the man in Wigan." - Mr. ReSmith, Director of Animal Health in Northern Rhodesia.

"It is not detach one of the drawbacks of East African life, either in the amount and quality of the soap and the rain, as set forth in Coffin's by the Imperial Economic Committee."

"I have been out of England for 15 years, only on three of which it has rained. During that time I have travelled 10,000 miles." - The Rev. A. M. Chirgwin, Secretary of the London Missionary Society.

"A guaranty assures me that, provided you know where to look, it is easier to find gold in the Kakamega Reserve than to increase your overdraft at the bank by a tenpenny piece." - The Kapbaron correspondent of the Nairobi Times of East Africa.

"Hunting lions is not like hunting rabbits. They are rarely to be shot with a gun. They are cunning, wily, watchful, and just as any man who ever hunted them." - Dr. J. D. Priddy, a well-known Rhodesian big game hunter in an interview.

"Near Lake Tanganyika I saw a Native in a straw hat, a spruce coat, Oxford bags, and bright brown shoes, ironing with what was evidently a plated iron the crease down his other pair of trousers." - The Rev. A. M. Chirgwin, addressing the Sheffield Rotary Club.

"We dwellers of the slopes of Mount Kenya and the Aberdares have nearly everything the heart of man can desire: beautiful scenery, healthy climate, sunning, big trout, plenty of neighbours, and last but not least, a sympathetic hand manager." - A correspondent in the Mount Kenya Review.

"Values we cannot control. Five hundred years ago gold was only Sh. 30 an ounce, and stir and copper 700 years ago were at a ton. There are many other figures to be found in the Domesday Book - even the value of a man, which was then £3 10s." - Mr. H. R. Ruggeri, D.P.C., speaking in the Tanganyika Legislative Council.

"It has been found by the Land Development Survey Commission that one square mile of land is necessary for the maintenance of 100 oxen, 100 horses, and 100 of cattle. If we are all going to live down in the plateau and make use of it, submit that this principle is absurd." - Mr. Chitale M. M., speaking in the Tanganyika Legislative Council.

"During the twenty-two years I have been in this territory certain sins of omission and commission have been laid at my door. One is the sin of laziness. I have been blamed for that. In fact, when I went up there a few months ago someone told me it was called 'Ward's Folly'." - Mr. P. H. Ward, Director of Medical and Sanitary Services in Northern Rhodesia.

"It is a gross disease who decided on the removal of the hospital. The Governor said the main decision was his. It was known that the Colonial Office had pressed for the removal but the Governor said he never knew it had been done for him to decide. It was the proper way of doing things. It had other advantages. If all went well the credit fell to the Colonial Office. If they went ill they could disclaim responsibility." - The Hon. Mr. Major, speaking at a meeting of the Legislative Council.



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Major Barry Johnston studied at the Makuyu district of Kenya in 1905, and in 1906 served as a substitute member of the Legislative Council, having in the previous five years shown himself the energetic Honorary Secretary of the Makuyu Farmers' Association. Some day his friends may persuade him to stand for election to the Legislature, for he is a well-known and popular name on the future of the district, and is the recognised authority on the subject of agriculture, horticulture and co-ordination.

After serving through the West African Campaign he went to France with the 1st Battalion of the Royal Rifles and in 1916 on the same received no fewer than ten citations which earned him rather more than a medal. Released by the surgeon via a day in hospital, he was appointed to the rank of Staff Captain in 1918, he was appointed to the rank of Staff Captain and ultimately as D.A.O.M.C. It was here, when wrestling with the problems of the Quartermaster-General's branch that he first found a close personal friendship with Captain H. G. Hood, a native of the district, which continued through their coffee estates at Makuyu's. Hood's death in 1920 became a great blow to the local community and it was in 1921 that Hood's widow and her children came to the district to see him and to take the same great interest in the district and his work as the late Major Hood had done. Hood's widow and children are now in the district and are well known to the community.

Mr. E. L. Kellerman, manager of the African office of Messrs. Gill and Johnson, who is on his way back to Kenya with his bride, was married in Eastbourne two days before his departure from this country.

The Governor-General of the United States of Africa and the Countess of Clarendon recently visited the Victoria Falls and Livingstone, in Northern Rhodesia.

Mr. Gandhi last week attended a conference of British Missionary Societies at the headquarters of the Church Missionary Society, in Salisbury Square, London, E.C.4.

Mr. Harry Pilcher, secretary of the Royal Empire Society, leaves London for the U.S. on the 15th inst. He will be in Canada during November and December.

Mr. Philip Richardson leaves Marseilles this week for Nairobi, partly on private business and partly for a holiday. He will probably be back in London before the end of the year.

The oil painting of the Rt. Rev. L. H. Gwynne, Bishop of Egypt and the Sudan, which is to be hung in Khartoum, has now been completed. The artist is Mr. Francis Hope.

Miss Margery Peckham, who assisted the East African territories last year, is shortly sailing for the French Cameroons and Nigeria to do the work of Native Administration.

Major-General E. W. Pakenham, who has just passed away in Paris, saw active service during the Sudan Campaign of 1885 and was present at the actions of Hashen and Tamia.

We learn of the death in Kenya of Lieutenant-Commander D. T. Williams, R.N., at the age of thirty-two. He was the son of the Rev. J. Williams, of Hessianford, Cornwall.

Mr. J. Danee, the Uganda District Commissioner, is on his way home during the next four or five months, to leave this country for the Protectorate very shortly.

Major F. C. E. Draxton, the Nairobi adjutant, who is a member of the Kenya Rifle Club, and one of the most enthusiastic members of the Kenya Rifle Club, over which he has presided.

Miss M. Butler-Malcolm, who has, for some time past, been a voluntary missionary in Kenya, is shortly returning to the Colony to join the permanent staff of the Church of Scotland mission at Kokuyu.

Congratulations to Messrs. Frank K. Cunningham and his wife, who have just returned to the Colony after a tour of duty in the East African Protectorate.

Mr. J. C. E. Draxton, the Nairobi adjutant, who is a member of the Kenya Rifle Club, and one of the most enthusiastic members of the Kenya Rifle Club, over which he has presided.

Major H. S. Springfield, of the Sudan Political Service, and Miss Elnith Irene Watson, only daughter of the late Colonel S. Watson, and the late Hon. Mrs. Watson, were married last week in London.

Mr. and Mrs. G. H. Duncomb, who are on a world tour, are expected in this country shortly, having travelled in East Africa. Mr. G. H. Duncomb is Vice-president of the East African Club of Chicago.

General Sir Thomas Scott, K.C.B., S.O., who served in East Africa from 1895 to 1898 and again during the East African Campaign last week inspected the Royal Irish Rifles, of which he is Colonel-in-Chief.

In mail week Lady Blyth opened the first post office in Nairobi. Colonel D. P. Disraeli, C.M.G., D.S.O., President of the Kenya branch of the Royal Geographical Society, presided at the opening ceremony.

Mr. Vincent, managing director of Motor-Mart and Exchange, Nairobi, has left London for the United States, but is expected back in England at the beginning of November. He travelled from Kenya to Europe by air.

Mr. C. V. Dunssett, formerly general manager of the Beaufort Mines Copper Mining Company, Northern Rhodesia, has been appointed consulting metallurgist to the Dorcas Gold Mining Corporation, of South Porcupine, Ontario.

Mr. R. E. Hutchins, District Officer in Tanganyika, is expected home to leave very shortly for Hararogoro. He has served in Tanganyika for the past fifteen years, previous to which he was in the Forestry Department in Kenya.

Mr. J. Davis, the Dar-es-Salaam hardware and engineering merchant, is now on this side spending most of his holiday in Gloucester. Since he opened his business in the Tanganyika capital a few years ago he has added a branch in Tang.

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REVIEW OF UGANDA'S AGRICULTURE

J. D. TOTHILL'S EARNEST REPORT.

Greater Attention to Quality Required.

Part from Col. J. D. Tothill's report on the quality of the chief products of the Protectorate, with the object of improving the quality of coffee exported, legislation was passed providing that on and after a date to be notified, all coffee exports must have passed through a selected curing works and be supported by an export certificate. That the Government's decision of the kind to the Native Government of the country as a whole. On tobacco the verdict is—

One point standing out clearly in market reports on Uganda, plantation tobacco is that in Uganda tobacco is to find and maintain a place on the home market, more attention will have to be paid to grading and packing of the leaf as manufacturers will not accept tobacco to be equal to other Empire leaf in these respects.

Uganda must be done if the Department is to raise the quality of Uganda produce to the standard modern demand requires, and the Government is clearly determined that good work shall be done in this effort, which will be resisted by some vested interests, who will have the sympathy and support of those who care for the sound development of the Protectorate.

Cotton's 75% of Total Exports.

The total value of domestic produce exported in 1929 was £2,050,000, compared with £1,755 in 1927. It is notable that 75.8% of the whole, or £1,550,000, went to Bombay, only 7% going to Great Britain, 17% to direct Japan, which, however, took much of the originally shipped to India. More and more of the crop, being its way eastward to the Bombay and Japanese markets, writes the Director, "and a noteworthy feature of the past few seasons has been the increasing value attached to Uganda cotton in these markets, and the consequent rise of local value above Liverpool parity."

For the first time Natives became directly interested in a ginning company in Uganda after the dissolution by mutual consent of the Bogaani Seed Cotton Ginning Association. For the first time, too, the acreage of cotton cultivated by Natives exceeded those for non-Native growers.

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related spirit and perfumes as well as six tons of which 6,674 cwt. valued at £82,000 were exported to neighbouring territories.

Tea continued to flourish and plantations increased in area, although the total area planted was less than in the previous year. The area under tea in the area under the Protectorate is now 1,000 acres, and the total area under tea in the area under the Protectorate is now 1,000 acres.

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NATIVE WOMAN THREATS A WIFE

NUMBE DEE of the Karamoja Territory is a character who, in a "matrimonial" matter, she came to a Native Council meeting accompanied by a man who, when asked his identity by the local Assistant District Officer, replied quite simply that he was the "wife" of the lady. Further inquiry elicited that the lady is not polyandrous, but, in the best Hollywood film style, takes a "wife" for just as long as she finds him pleasing and then discards him for another. To describe such a Native woman as being a slave of "matrimonial slavery" would obviously be the wildest distortion of plain facts.

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EAST AFRICA'S INFORMATION BUREAU

East Africa's Information Bureau is the free service of subscribers and contributors. The Editor's main concern is to contribute to the development of British trade throughout East and Central Africa, and any information which readers are sending so far that purpose will be gratefully accepted.

Advertisements are now being accepted on a regular basis and special rates for the Swahili edition.

The new hostel for nursing staff of the Livingstone Hospital at Kisumu, by Sir James Maxwell, is being completed.

Plans for a bus service to transport 5,000 tons of ore during September and October at average copper content of 27%.

Plans for a bus service to transport 5,000 tons of ore during September and October at average copper content of 27%.

An albino baboon was recently seen near the Murchison Falls, a member of the Uganda Game Department.

The Tanganyika Government has appointed a Government Commissioner to investigate the copper industry in the East.

The first hydraulic lift tractor was installed at Kisumu and is being used in the Murchison Falls area.

Petrol imported from New Zealand during the year showed an increase of 20% over the corresponding period in 1949.

The Anglican branch of the Colonial and Continental Church Society has raised £500 towards the building of a church in Tanganyika.

Electric cranes are now able to lift along the deep-water quay at Kisumu at one time twenty-ton electric cranes are in operation on the quay.

The total area in Uganda planted with cotton up to the end of 1949 is estimated at 521,000 acres, compared with 487,000 acres at the start of the last year.

Extensions are being made to the Busunguru area at Bukoba, one of the stopping places of the Jubba River, one of the air routes to East Africa.

Permits and permits imports into Kenya during the last month of the year. The statistics are available through the following sources: valued at £174.

The Kenyan Government has recently been asked to consider the possibility of a new route for the East African Airways from Nairobi to the East.

Messrs. Esie and Anderson have relinquished their agency in Kisumu for the Societa Italiana per l'Africa Orientale, who are now represented in the East by Dr. J. V. Fuller.

Copper concentrates valued at £118,970 were exported from Northern Rhodesia during the first six months of this year. Vanadium to the value of £18,800 was exported during the same period.

The total export trade raised to the coast by air from Kenya and Uganda Railways during the first seven months of this year amounted to £24,177,000, compared with £20,721,000 over the corresponding period of 1949.

The total import trade raised from the coast by air from Kenya and Uganda Railways during the first seven months of this year amounted to £24,177,000, compared with £20,721,000 over the corresponding period of 1949.

Members of the British Museum expedition working in East Africa under Dr. L. S. B. Leakey have found a skull of an anthropoid ape dating from the Miocene period. The discovery was made by Mr. H. Wood.

Mr. G. K. Ngunjiri was invited, one of the witnesses who appeared before the Joint East African Advisory Committee, has been appointed a member of the Advisory Board for the Kaimosi tract under the Native Lands Trust Ordinance.

Arrangements are being made to be made in principle for the exchange of 500,000 tons of coffee for some 10,000 tons of Brazilian coffee. Brazil recently agreed to barter 1,205,000 bags of coffee for 25,000,000 bushels of American wheat.

Owing to the presence of infected tsetse fly, whereby a certain amount of danger would be incurred in the event of a port landing in the southern part of the Security district in southern Rhodesia has been declared a prohibited area for the landing of aeroplanes.

Day of Salvo in Zanzibar air service will be linked to the main East African air line, a weekly feeder service operated by the Tanganyika Government and Wilson Airways made up at least a week will be saved, bringing Day of Salvo one day from London by air.

Domestic exports from Kenya and Uganda during the first half of the current year totalled £3,626,895, compared with £2,700,000 during the corresponding period of 1949. The corresponding figures for Tanganyika in the first six months of this year totalled £728,000.

Passengers for the East African Airways from East Africa will be able to leave for London at 12.30 p.m. each Wednesday, retaining their seats on the following Wednesday morning. Homeward passengers will leave Kisumu on Friday mornings, reaching London on the following Friday.

The manufacturing of water machines, has left the East African business in South Africa during which he hopes to secure different agencies, who then machinery to be used in the East.

The public exhibition in Nairobi of Messrs. G. G. and Messrs. J. J. Senior trading in Victoria, Cameroon and other areas was one of the first in the East. The exhibition was held from the 1st to the 15th of the month. The gross assets of the exhibition were £1,000,000. The gross assets of the exhibition were £1,000,000. The gross assets of the exhibition were £1,000,000.

In order to assist in the research work now being conducted on the liquidus quality of Kenya coffee, the Kenyan Government has decided to provide samples of coffee which contain high percentages of coffee of high liquidus quality and samples of coffee of similar appearance, which in the same case contain low percentages of coffee of high liquidus quality. The samples will be made available to the experts.

The Russian Soviet has appointed Mr. Alexander Stupak as a special agent for the Soviet Government in East Africa. The appointment is in accordance with the terms of the agreement between the Soviet Government and the British Government. Mr. Stupak was expelled from Kenya by the French authorities in 1949.

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The Benguela Railway is now open for traffic to the Belgian border beyond and it is anticipated that the line will be extended to Namutubo, and open for traffic some time in 1931.

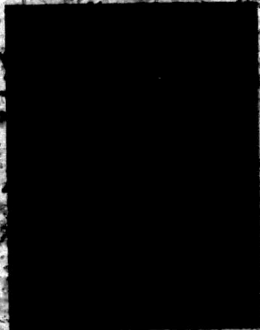
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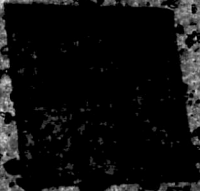
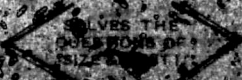
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