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HAY FEVER.

Hyperesthetic rhinitis, commonly nown as "hay fever," "rose cold," autumnal catarrh," and so forth, is condition characterized annually by aroxysms of sneezing, accompanied varying degrees of coryza (cold in he head) more or less prolonged. It acute catarrhal inflammation of the ucous membrane of the nasal caviies, the eyes and the respiratory ract, sometimes accompanied with ever and asthma.

Hay fever rages during August and September, and the popular belief s that the pollen of the goldenrod is esponsible for it; but ragweed, trees, rasses and other plants, including the ereal grains, also cats, dogs, sheep, chickens, horses and cows all do their art in adding to the atmospheric dust o which so many are hypersensitive. Besides these dusts, chemical fumes and many pungent odors also have heir victims. But it is not necessary o the condition that even the irriant should enter the nose. For examole, there are probably few persons who have not under certain temporary physical conditions experienced sneezing violently several times immediateon stepping from a dense shade into the bright sunlight—that is a re-flex irritation — and unfortunately many individuals are so adjusted that under certain conditions the irritation of any area supplied by the fifth nerve suffices to create distress; hence, a bright light entering the eyes may irritate the hyperesthetic ciliary nerve filaments and for a long time maintain reflex symptoms in the

In addition to the dust, light, heat, cold and other external agencies, here are more immediate local irritations so frequently to be found in the neurotics, consisting of turbinal enargements, ethmoid, frontal or maxillary sinusitis, deflected septum, polypi fundamental physical condition and not the immediate cause of the exploions. Many a patient has been treated and operated upon with a view to the correction of one or more of these the hay fever paroxysms continue while others have been relieved.

It is generally accepted that only ond, an external irritation.

We take it quite as a matter of

known, that an ill nourished or a this alone to be a highly important hungry baby will be fretful and pee- function and sufficient to justify the vish, and we are not at all surprised at existence of the gland. very marked evidence of irritability in ral calmness and self-possession. Hence it should require no great amentally a matter of defective dividual cells are not properly nourshed. The universal remedy for a fretful infant is proper nutrition; the universal remedy for the irritable convalescent is proper nutrition, and so, posity. too, the remedy for the hay fever victim is to build up a stable nervous system by means of proper nutrition. The authorities are agreed that

dispose to hay fever are the habitual lants, excessive excitement and over-

tinued from year to year it will in time tend to overcome the hyperesthesia permanently.

The great difficulty in such cases lies in the fact that the very nature of the condition is such as almost to preclude the possibility of the victim's persistently adhering to so simple and logical a line of action. But to such as have the courage to investigate and come to understand that even the cell is not the unit of life; that the cell is not only made up of protein molecules but its form and function are determined by the chemical structure of its constituent molecules; in short, to those who come to know themselves and treat their bodies accordingly there is undoubtedly the certainty of permanent relief.

THE PITUITARY GLAND.

The puzzle of the pituitary gland (hypophysis cerebri) presents one of those curious instances known to medical history wherein widely contradictory observations make it difficult to confirm the answer to any given question concerning the physiology and the pathology of the organ or the action (function) of the gland either in health or in disease.

Even in the apparently extremely simple propositions as to whether the organ is essential to life we find the investigators divided into two groups, one group comprising those who maintain that the gland is indispensable to life and the other, almost equal in number, holding it to be nonessential to life.

Undoubtedly the confusion is largely due to the fact that the position of this gland is such that it is extremely inaccessible to operative interferences, so that attempts to remove it are usually attended with fatal results from the operation itself; hence we are able to learn but little if anything concerning the significance of the organ in this way, and are forced to depend for our knowledge concerning the pituitary gland on what may be revealed by pathological anatomy and clinical observation. Then, too, this body, while not much larger than a pea, consists of two parts or lobes, very closely blended, but one distinctly larger and of a structure distinctly different from that of the other.

The larger anterior lobe is of a glandular structure and belongs to the type of glands which are believed to form an internal secretion. The much smaller posterior lobe is of nervous origin and composed chiefly of a netlike framework of fibers, the interstices being filled with brain cells. The two lobes are very closely associated, the neck of the posterior lobe and eyestrains. But generally these being completely enveloped or surmust be considered concomitant to the rounded by the epithelium of the anterior lobe, this insuring an intimate interaction in function.

Howell and others have shown that extracts of the anterior lobe when inthe removal of the irritation through jected into the veins have little or no local morbid conditions, only to have the posterior lobe, on the contrary. cause a marked rise of blood pressure from year to year without abatement; and a slowing of the heartbeat.

It is generally believed that the pituitary body, in relation with the other two factors are necessary for the ductiess glands, helps to promote the causation of hay fever; namely, first, normal growth of the body, particuan internal condition which will in- larly the bones, and there is evidence sure an abnormal sensitiveness of the associating disturbance of pitultary nerve centers and fliaments; and, sec- function with deranged nitrogen, calclum and phosphorus metabolism. Knowledge derived from the action of course, because it is universally other glands on these elements proves

Pierre Marie in 1886 appears to have a convalescent formerly noted for gen- first associated a disease known as acromegaly (gigantism) with the pituitary body; the idea was accepted and strain or stretch of one's imaginative the connection has since been conpowers to be able to apply the same firmed by many until at the present principle to the individual cells com- time it is generally conceded that esing our bodies and to comprehend there are two distinct clinical entities, that the neurotic temperament is fund- both disturbances of growth, to be ascribed to deranged functioning on the metabolism, because of which the in- part of the pituitary gland. One of these is acromegaly, a disease characterized by the enlargement of certain bones; the other is distinguished by a delayed development with adi-

Regarding the exact nature of the disturbance in the pituitary gland in acromegaly, there is still considerable difference of opinion, but the weight among the personal habits which pre- of evidence favors the view that it is due to increased secretion of the anuse of narcotics and alcoholic stimu- terior lobe. The pathologic condition most frequently associated with acroexertion and what are known as the megaly is an enlargement of the anrheumatic and gouty tendencies. This terior lobe with material increase in all points in the direction of defective the secretory cells. There seems to metabolism. Moreover, Sajous rec- be some antagonistic relation between ommends as a preventive the use of the pituitary gland and the sexual thyroid extract, commencing four glands (ovaries and testes), and it is weeks before the onset of the periodic perfectly well known that when an attack. Obviously, if the use of the animal is spayed it grows abnormally thyroid extract for four weeks prior large; this would seem to prove that to the expected attack is of any value | the latter exert a restraining influence as a preventive, it is reasonable to over the former, probably preventing assume that such hygienic steps as its oversecretion. Obviously this imwill lead to an increased activity of plies that whatever will favor general one's own thyroid secretion, begin- health conditions tends to regulate the ning right at this time and continuing action of the powerful ductiess glands. without interruption up to and so that in wholesome food we have through the next season, must inev- the key which will give us the control

itably produce some modification in of these wonderful vital powers.

Consideration. A very good rule is expressed in the homely words, "Mind your own busi- you would do, but what the other man praiseworthy, but it may be carried only advice you can give him, and then too far, and when it is, one becomes you are probably better off if he meddlesome and officious. Every man | doesn't take it. For giving advice is has to be accountable for his own one of the hardest things a thoughtful and slapped her flat."-Kansas City emy's sulpers do not hear the sound I'd advise him to hire a cheap cook acts. No one may carry this responsi-

Matter of Giving Advice is Always

Worth the Most Thoughtful

bility for him. This is what makes proffered advice person does.—Milwaukee Journal. often impertinent. The man who offers it offers only half of the need and the easier half at that. If his advice is followed and failure comes. he can only say, "I did the best I could for you." It is seldom that ad- frien', my dear. vice thrust on another is of real service to him. Forcing it on any person lieve you. You're soaked.-Chicago who does not feel the need of it is News. confusing and misleading. The man who hears is not likely to make a determined effort to follow it, nor can he wholly forget it. The result is that to feels unsure of the things he is think what he said was a compliment paintings, but the whole collection is Another war-time feature of the gal- or four feet of the canvas

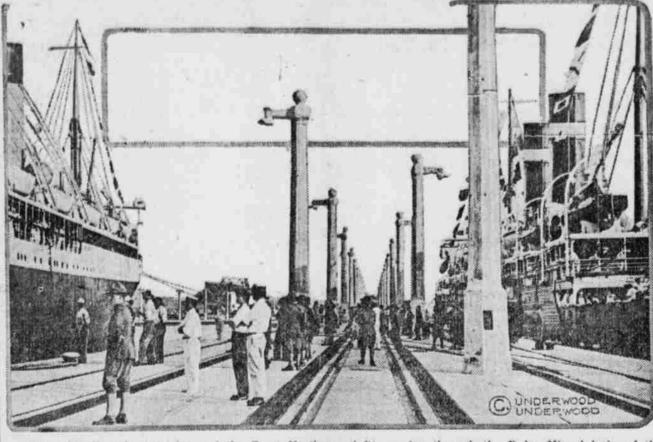
TO BE HANDLED WITH CARE | doing. Besides, it is often bard to distinguish a well-meaning friend from an idle meddler, than whom no one is more detested.

There are, of course, persons who ask advice, and then thought of the most serious kind is needed. Not what The desire to help another is ought to do and can do-that is the person can be asked to do, and one of the cheapest things the thoughtless

> Plainly Evident. Mrs. Lovewett (at 2 a. m.)-Where have you been?

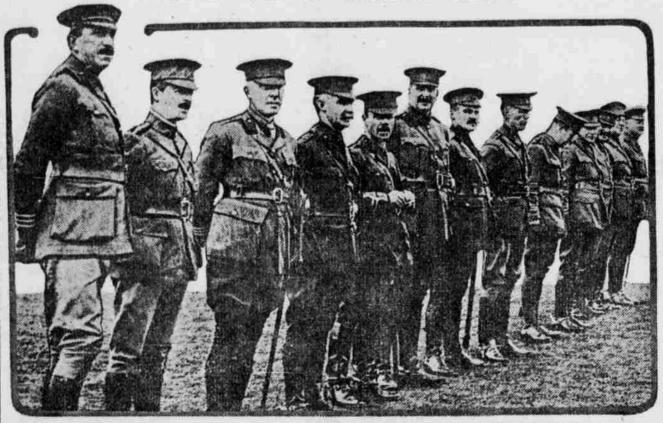
> Lovewett-Just fell in wiz an old Mrs. Lovewett-Fell in, eh! I be-

What Did He Mean? "But I'm not a lawyer. "I know it. That's why I didn't BUSY SCENE IN PANAMA CANAL LOCKS



Steamship Kroonland (right) and the Great Northern (left) passing through the Pedro Miguel locks of the Panama canal, loaded to the rails with American tourists. Some members of the Tenth infantry, on duty in the canal zone are shown in the picture

STAFF OFFICERS OF CANADIAN TROOPS



Officers of the divisional staff of the Canadian expeditionary force, now supposed to be in France. right: Lieut. Col. A. H. McDonnell, D. S. O.; Lieut. Col. G. C. Gordon-Hall; Lieut, C. H. Mitchell, Lieut. Col. H. J. Lamb, Maj. G. Hamilton, Lieut. Col. Foster, Capt. E. Gabnen, Capt. E. Clifford, Major Wodehouse, Lieut. Col. E. physiological effect, while extracts of B. Worthington Lieut Col. E. B. Clegg, Lieut, Col. Frank Reid and Lieut, Col. J. G Rattray.

MANUEL ERNSHAW



Mr. Earnshaw, Philippine delegate to the United States, has been in Washington for some time in the interests of the movement to make the Islands independent.

Strict Neutrality of Brother Wack. "I's plumb nootral bout de war, and abomnably affuses to 'scuss it wid nobody!" declared Brother Wack. "W'y. tudder day I say to muh wife-goodlookin' yallah lady dat powdahs her face 'twell she 'magines she's 'most white-I says, 'Blame' if I don't b'lieve dem Frenchmen is gwine to win, uh-kase dey's got de Turcusses fum Af-ica wid 'em. Dem niggers is sho' 'nuff fighters, and I's kindah prejudy to'a'ads 'em.'

'Hoh'! says she. 'Dem black apes! I thinks de Germans will win, and I certingly admiahs dem big po'tly British Royal Engineers, writes: gen'lemen dat looks so much like a bishop!

Star. - intest

Many of the Masterpieces in Great

British Galleries Have Been Put

in Secret Places.

looking in vain for their favorite mas-

walls are still plentifully hung with main in place.

HERR KRUPP VON BOHLEN UND HALBACH



A new picture of Krupp von Bohlen und Halbach, chief owner of the Krupp gun works at Essen, in military costume, who, it is reported, has been decorated by the kaiser, together with his wife who was formerly Bertha

"In a trench one has a sense of sebishops. I sho'ly thinks a whole lot of curity in being below ground level, and there is collective courage due to "Uh-well, I'm skimpy, muhse'f, and the knowledge that one has compan- skate who was looking for a little as black as a load o' coal, but I was lons. In putting up barb wire one is free advice, "what would you advise a plumb nootral bout it, all de same. I working perhaps 300 feet in front of man to do for dyspepsia?" dess says, 'Yass'm, I been nodicin' dat | one's own treuches, and fortunate, infact for sometime!' an' rotched out | deed, is the working party if the en- | pounder, "if he wants a real bad case,

Barbed Wire Workers in War. | posts into the ground and open fire. The men who spend their nights Now and then a magnesium flare will working on the barb wire entangle be sent up to light the landscape for ments in front of the trenches have the benefit of sharpshooters. Then the one of the most perilous tasks of the worker has to throw himself flat on war. One of them, a member of the the ground and look as much like's weed as possible."

Professional Tip.

"I say, doctor," queried the snort

"Well," answered the pill comof the muffled mailets driving the and eat irregularly."

ART TREASURES ARE HIDDEN immeasurably inferior to that of six lery is the sand bin of shiny galvanmonths ago. Gone are the works of ized iron which occupies a prominent Raphael, Da Vinci and Holbein; only position in the center of every room. one or two works of Rembrandt and The sand is for use in case of firs. A Reubens remain. In fact, most of the reminder of suffragette activity of could also act as family callboy. In mitting him to sleep, and was astoundreal treasures of the magnificent col- the days before the war is seen in one corner was a big box of the baby's ed to be told by the scrivener that Visitors to the British national gal- lections have been taken away for the hideous glass cases which sur- toys, Nugh explaining that they had no he had not finished the last sentence

Society group, and by many beautiful in any sea, lies nearly lar." south of Hawaii and about seventeen degrees south of the equator. writes E. T. Allen in American Forestry. First touched by Portuguese and Spanish navigators, it was de- today, why trouble to law up for one's scribed to Europe by Wallis (1767) children? Even tobacco and coffee and Bougainville (1768). They gave such a lively account of the beauty of uries require effort to obtain. Most both island and people, and of what of the real work of the Island, such they considered the idyllic perfection as curing vanilla, is done by Chinese of its semiwild, semideveloped society, who value money for its own sake. that much was written, especially in They bake the bread, run the restauphilosophical France, to argue that rants, and own most of the small here was proof of the necessity for return to nature by the human race.

Bougainville named it New Cytherea. His companion, the naturalist extravagantly of the virtues which he said flourished because the natives had no conventional restraint.

Of Aryan ancestry, practically or fusion by their exodus from the main- and waving. land in the remote past, the Tahitians were and are still about what would be expected of a people much like southern Europeans, but who have been isolated for ages under all the passionate influences of the tropics. "The Garden of Eden."

Rainbow colored fish play through the coral along the sea wall at your feet, the placid green lagoon meets a skyline of palms on either hand, and den in verdure, green slopes rise quickeight thousand feet high, carved by that every object struck him like

AHITI, the largest island of the | was parried with the offer as riposte. The answer to this was unanswertravelers believed the most able and final: "I don't need any dol-

> Such is island philosophy. The sea will always provide figh, the land all other actual requirements, and since this will be as true in the future as are homegrown, so only imported luxstores.

Nevertheless the natives are splendiá people physically, no doubt an inheritance from their warlike and ath-Commerson, called it Utopia and wrote letic past. The men are often well over six feet and tremendously muscular. The women are erect, graceful, beautifully formed, and often very handsome. Their brown eyes are unwholly escaping Mongol or Negroid in- usually fine. Their black hais is long

Polynesian races differ slightly in color, that of pure Tahitlans varying also with caste and exposure, but the commonest type is an olive gold not darker in shade than the skins of Chinese and Japanese, but warmer and less yellowish. Their features , are pleasing and contain nothing Nagroid or Mongolian.

The typical native dress is the pareu, a bright colored patterned cotton seaward, beyond a tiny palm covered cloth much like the Burmese sarong. islet where a queen once had her twisted by the men around the waist fortress, the surf rolls creaming on and by the women around the breast. the barrier reef from the blue trop. The latter, however, rarely wear it ical ocean, rippling in the soft fresh away from home, except bathing or trades. Behind the town, itself hid-fishing, without a loose over dress. The men also are more and more comly to splintered volcanic peaks nearly ing to regard the pareu as informal, comfortable for home and work wear, precipitous valleys with countless but to be replaced by coat and pants flashing waterfalls. Melville wrote on dress occasions: These customs that the ineffable repose and beauty vary much with the distance from of the Tahitian landscape was such town. Flowers constitute the chief adornment, worn in wreaths and tingly something seen in a dream, and he over the ear. Carriers come in from



could scarcely believe such scenes had | the mountain valleys with loads of the Garden of Eden."

Papeete is the only town, but the fertile level shores of the island are less groves of cocoanuts, breadfruit, and no sportsman. mangoes, oranges, banyans and bamboo, with occasional ornamental exot- writer was never allowed to fish with ies from other tropical lands. Alligator | hook and line from a single canoe baples and bananas, are in almost every plantations, a few half-hearted cotton patches, and small clearings for taro, people. They rarely quarrel, drunk vanilla are the island crops.

Work Is Not a Worry On the whole, however, industry has small part in the daily life of the inhim some fish.

fish?" was the response.

real existence. "Often," said Bou- plantain, naked except for a loid gainville, "I thought I was walking in | cloth but with garlands of ferns van'l Are a Social People.

The chief Tahitian characteristics so thickly populated as to form a most | are social. Feasting, dancing and singa continuous village along the road | ing are always in*progress, usually on that skirts the beach for its circumfer | a wholesale scale. The entire village ence of nearly one hundred miles. Yet | participates on the slightest excuse. there is practically no open land ex | Anything that can be done alone is uncept in the uninhabited mountains, popular. Even in fishing, the single Houses and villages are beneath end- yenturer is regarded as a pothuntur

In several stays on the island tas pears, native "chestnuts," mummy ap- cause, while all right for a commoner who needs fish, it is not the thing for doorway. Except for two small sugar | "quality" to do. The visitor is struck with the invariable good nature of the yams and other vegetables, there is or sober. Violence is practically unno farming as we know it. Copra and known. Murders are so infrequent as to be little more than traditional and

even fighting is extremely rare. Like all Polynesians, they are wonderful swimmers, and probably excel habitants. Very little work suffices all others as canoemen. Whereas, in to procure all that is essential where Hawali the canoes seen today are purenature supplies food and shelter. The ly utilitarian, the Tahitian retains his writer once asked a native to bring navigating ancestors' love for naval architecture. Racing canoes carrying Why don't you catch your own 20 paddlers or more are built with great ceremony and beating of drums "That isn't the question. I'll give and carefully kept from the weather you a dollar for a good string of fish," in houses constructed by the district.

In Other Words, Nugh's "Own Room Was Just as Private as All

Such Dens Are.

their new home Mrs. Nugh insisted sit down-nine times out of ten you'll that the plans include a den for Nugh, light on a needle."-Kansas City Star. a place where he could get away all to himself. They moved into the new home two weeks ago. I went to see them the other day, and after dinner eminent of Englishmen who was dic-Mrs. Nugh suggested that Nugh take tating to his amanuensis chapters of me to his den for a smoke.

bewilderment when they enter it now, tions can reach them. In some cases Rembrandts which remain in the the other rooms. There was a humi--notably that of the priceless Ra building is thus housed, the glass dor on the table and, being an old terpieces, an exchange remarks. Its phael Madonna—the empty frames re- frame extending from floor to colling friend, I opened it and put in a hand 'ons. Then I observed that beside the | ples of a plague,

SOMETIMES USED BY WIFEY humidor was a sewing basket and some unfinished crochet work. "What sort of fads are you taking up, anyway?" I exclaimed.

"Me?" snorted Nugh. "Not muca. My wife uses this place all the time When the Nughs were building as a sewing-room. Be careful how you

Much in Brief Dream.

It is written of one of the most an important work, and while so en-It was a delightfully cozy little room. gaged was overcome by sleep. He and its arrangements evidently had dreamed of matters of great moment, been planned with thought. For in- of diplomatic conferences, exhausting stance the telephone was in it, so that many days and weeks. Becoming while Nugh was taking his ease he awake he chided his secretary for perlery in London who remember it as safekeeping in underground vaults round a few wall spaces in some of nursery and let the little chap play in that had been dictated. Volumes have second only to the Louvre halt with where neither bombs nor conflagra- the main galleries. One of the few there to keep him from littering up been written rammed with such ex-

> In six months in the seventeenth and preventing approach within three for a cigar-but got a handful of but- century 380,000 persons died in Na-