ERRATA TO PAPER "SOME ASPECTS OF ARCHITECTURAL BIOCLIMATOLOGY"

by

Mr. J.K. Page (Great Britain) *

- PAGE 2, last paragraph, line 5: insert after legislation, "when"; also the word "such" with a small "s".
- PAGE 4, 1st paragraph, line 7: after "to improve the training of town planners", insert "so that they can recognise".
- PAGE 4, 4th paragraph, line 13 - should read: "sleeping quarters in hot humid climates".
- PAGE 5, 7th paragraph, line 5 - should read: "the Lund Farm Building Congress".
- PAGE 6, Table I - should read: RECOMMENDED AMBIENT AIR TEMPERATURES FOR HEATED BUILDINGS.....
- PAGE 7, 4th paragraph, line 4 - should read+ "in the region of $.55 \mu$ ".
- PAGE 9, 1st line - should read: "into which full size walls and roofs....."
- PAGE 10, 4th paragraph, line 5 - should read: ".....vertical measuring panels oriented in the direction....."
- PAGE 11, 3rd paragraph, line 4 - should read: "certain base temperature over the heating or cooling season. The fuel requirements....."
- PAGE 11, 3rd paragraph, line 13 - should read: "who suggested that while the heated interior..."
- PAGE 13, 3rd paragraph, line 3 - should read: "....the occupants to promote evaporation."
- PAGE 14, last paragraph, line 3 - should read: "ordinary air bricks"
- PAGE 14, last paragraph, line 5 - should read: "in the rooms on the windward side..."
- PAGE 21, 2nd paragraph, line 5 - should read: "and for most of the year the climate is sufficiently humid....."
- PAGE 29, line 7 - should read: "a term for the shade air temperature,"
- PAGE 29, Section 3, line 2 - should read: "so that there is virtually no heat flow....."

* At the request of the author the following changes should be made in the original paper submitted to the Editor in October 1957.

Section E : World literature

HUMAN BIOCLIMATOLOGY

Section E: World literature *

1. AMBRUŠ, J., DROBIL, M. and BALÁŽOVÁ, G.: A contribution to the question of determining hygienic zones for health resorts - Československá hygiena, 1, 3, 1956.
2. AMBRUŠ, J., DROBIL, M. and HANZAL, Š.: Climate and the health of man. Several observations on bioclimatology - Bratislava 1955.
3. AMBRUŠ, J., RADULOV Št.: Vertical stratification of the atmosphere from a hygienic point of view - Československá hygiena, 2, 1, 1957.
4. BEČVÁŘ, A.: Basic claims of climatological research from the medical standpoint on the classification of health resorts and their relation to international normalisation - Problémy fyziatrie, 72-77. 1949.
5. BEČVÁŘ, A., KONČEK, M.: Introduction to pharmaceutical climatology - Liptovský Mikuláš 1944.
6. BOUKAL, J., HANUŠOVÁ, S. and HODEK, B.: Experiences at water resorts on the sea coast of Bulgaria in 1955 - Praktický lékař, 37, 1, 1957.
7. BRYCHTA, J.: The physician and the weather - Praktický lékař 27, 1947.
8. ČAPEK, D.: Physiology of the pilot - Praha 1953.
9. CIHELKA, J.: Choice of a suitable indoor temperature for heated rooms - Paliva a voda, 29, 1949.
10. DVOŘÁK, V.: Some problems of medical bioclimatology - I. celostátní bioklimatologická konference v Liblicích 19-20 května, 1955.
11. ENTNEROVÁ, K., AMBRUŠ, J.: Contribution to the problem of green vegetables in a regional plan from the point of view of atmospheric hygiene - Československá hygiena, 1, 1956.
12. FILSAK, J., SELIGER, V.: The influence of cold on the human organism - Praha 1952.
13. FRIEDMANN, B., HEIMANSKÝ, Fr. and GYÖRGY, A.: Haemolytic anaemia with cold agglutination - Časopis lékařů českých, 93, 50, 1954.
14. GURSKÝ, K.: Influence of the high mountain climate in the High Tatra mountains on the physiology of the mountaineer - Teorie a praxe tělesné výchovy a sportu, 3, 10, 1955.
15. KACVINSKÝ, M.: Cooling rate in Starý Smokovec - Meteorologické zprávy, VI, 1953.
16. KOUNOVSKÝ, V., PETŘÍK, M. and SELIGER, V.: Measuring temperature conditions in tents during winter camping - Teorie a praxe tělesné výchovy a sportu 1, 1953.
17. MĚŠTAN, J.F., KRÁL, Vl. and HORNÍ, J.: Meteorological influences and their effects on the myocardium - Časopis lékařů českých 95, 22, 1956.
18. MIKYŠKA, L.: Environment and the comfort of man - Voda, 31, 1951.
19. NEUMANN, R.: The course of treatment of 56 cases of basilar meningitis in a high mountain climate - Bratislavské lékařské listy, 30, 1950.
20. NOVÁK, J.: The influence of natural phenomena on the human organism - Časopis lékařů českých, 92, 1953.
21. ORAVEC, Vl., ROLNÝ, D.: Attempt to decide a suitable air temperature for school gymnasia - Teorie a praxe tělesné výchovy a sportu, 3, 1956.
22. PĚNKAVA, J.: Radioactivity and cosmic radiation as biological processes - Věstník Československé společnosti fyziatrické, 28, 1, 1950.
23. PETR, B.: Attempts to determine the comfort zone of the human organism in relation to meteorological factors - Československá hygiena, epidemiologie, mikrobiologie a imunologie, 4, 2, 1955.
24. PETR, B.: The influence of refrigeration upon skin temperature and the total volume of expired air in the human organism - Československá hygiena, I, 6, 1956.

* List of Czechoslovakian references compiled by the Documentation Service of the Institute of Hygiene at Praha.

25. PETR, B., PICKO, V.: The influence of meteorological factors on some diseases - Československá hygiena, epidemiologie, mikrobiologie a imunologie, 4, 9, 1955.
26. PETROVIČ, Š.: Dry and humid regions of Slovakia - Konference preventivního lékařství v Mariánských Lázních, I. díl.
27. PICKO, V.: The influence of meteorological factors on certain diseases - Československá hygiena, epidemiologie, mikrobiologie a imunologie, 4, 9, 1955.
28. POJER, J., BRÁZDA, J. and VANYSEK, V.: Occurence of failure in the myocardium - Lékařské listy, 9, 21, 1954.
29. POKORNÝ, M.: The influence of weather factors on coronary diseases - Časopis lékařů českých, 91, 34, 1952.
30. POKORNÝ, M., PONCOVÁ, V.: Asthma and climate - Praktický lékař, 34, 10, 1954.
31. PULLMAN, J.: Distribution of climatic health-resorts for diseases other than tbc and the classification of climatic places serving primarily for recreation - Problémy fysiatrie, 81-84, 1949.
32. RAJDA, F.: A climatological contribution to the therapy of hypertension in Mariánské Lázně Spa in 1948 - Lékařské listy 4, 1949.
33. SCHMID, L.: Climate and efficiency - Časopis lékařů českých 1946.
34. SIMANDL, J.: Influence of climatic factors on accident-rate - Praktický lékař 31, 1951.
35. SMOLÍK, L.: Bioclimatic investigations in Prague - I. Celostátní bioklimatologická konference v Liblicích 19.- 20. května 1955.
36. STIBOR, J.: Functions of climatology in health-resorts and of climatotherapy - I. Celostátní bioklimatologická konference v Liblicích 19.- 20. května 1955.
37. STRUŽKA, VĽ.: Problems and functions of biometeorology, bioclimatology and meteorology in health-resorts - Sborník I. celostátní meteorologické konference v Bratislavě, Praha 1953.
38. STRUŽKA, VĽ.: Measurement of radiation in biometeorology - Sborník I. konference- Ústavu hygieny 10. - 12. XII. 1953.
39. STRUŽKA, VĽ.: Some problems of modern biometeorology - Sborník III. celostátní hydrometeorologické konference v Praze r. 1954, Praha 1956.
40. STRUŽKA, VĽ.: Bioclimatic bases for regional town-planning - Československá hygiena, 2, 1, 1957.
41. STRUŽKA, VĽ., FIŠER, K., ČELEDOVÁ, VĽ., GABRIEL, J. and HAMÁČKOVÁ, J.: Methods of investigation in hygiene studies (atmosphere, soil, water) - Praha 1954.
42. SYMON, K., HAVRÁNEK, J. and PETR, B.: Biometeorology in hygiene - Československá hygiena, epidemiologie, mikrobiologie, imunologie, 4, 9, 1955.
43. ŠTĚRBA, R.: The climatoendocrinological problem of gynecology in a frontier territory - Praktický lékař 27, 1947.
44. TEISSLER, J.: Acute astigmatism after injury of the cornea by solar radiation - Československá oftalmologie, 11, 1, 1955.
45. TREFNÁ, E.: Significance of the local climate on the planning of climatic health-resorts - Meteorologická zprávy 4, 86, 1950.
46. VANÝSEK, J.: Significance of climate in the cure of tuberculosis of the eye - Československá oftalmologie, 6, 1950.
47. VAŠKO, A.: Evaluation of the influence of UV radiation on the human organism - Elektrotechnický obzor, 38, 1949.
48. VELICKÝ, J.: Weather changes and relapses in eye diseases - Československá oftalmologie, 11, 4-5, 1955.
49. VESELÝ, E.: Classification of weather by means of points, according to Gregor and correlation with the Arago-Dary actinometer - Meteorologické zprávy, 4, 46, 1950.
50. VYHNÁLEK, R.: The influence of atmospherics on surgical and other diseases - Časopis lékařů českých, 93, 3, 1954.

HUMAN BIOCLIMATOLOGY

Section E: World literature

GENERAL PATHOLOGICAL BIOCLIMATOLOGY *

- . BARANOWSKI, W.: Some notes on the influence of atmospheric factors on the death rate - Pol. Gaz.Lek. 15,686, 1956.
- . BOBER, S. and WEBER, M.: Circulation disorders among caisson workers - Pol. Arch.Med. Wewn. 25, 923-935, 1955. 11 figs.
The authors briefly discuss the symptoms of the disease caused by reduced pressure, followed by a description of three cases of circulation disorders among caisson workers. The third case shows a new and interesting picture of microinfarction of the right ventricle. The paper gives directions for prophylaxis and treatment of this disease caused by rapid decompression.
- . BOGUSŁAWSKI, W.: The climate of the Bay of Gdańsk and its influence on the biology of drop inflections (?) - Warszawa, Państw.Zakł.Wyd.Lek., 82, 1950. 19 tables, 8 figs.
Attempts of finding a correlation between individual meteorological elements and morbidity. (English and Russian summary).
- . BORTKIEWICZ - RODZIEWICZOWA: The influence of a high external air temperature on the human organism - Wilno, 1934.
- . CHUDZIKIEWICZ, T.: Profession, age and season with regard to myocardial infarction - Pol. Tyg.Lek., 24, 901-904, 1957. 3 tables, 1 fig.
The author analyses 112 cases of myocardial infarction, data from the clinic of The Academy of Medicine during 1950-1956, with respect to profession, age and season of occurrence of the myocardial infarction. He comes to the conclusion that the season of the year - excluding summer, when the incidence is lowest - has no influence on the incidence of myocardial infarction. Here the actual meteorological conditions are rather important (English and German summary).
- . FEGLER, J.: Investigations on the influence of diluted air, with balanced pressure of oxygen, on the volume of the effective space of the respiratory tracts - Polska Akad. Umiej. Kraków, 1937.
- . GAERTNER, H.: The influence of bioclimatological and psychological factors on blood coagulation - Pol.Tyg.Lek., 41, 1335-1338, 1954.
A discussion of recent views and experiments on changes in blood coagulation under the influence of the meteorological and psychical stimuli. The meteorological-medical usefulness is stressed in order to limit on certain days surgical treatments which may be cause thrombosis or embolism.
- . GADZIKIEWICZ, W.: The influence of the air humidity on the respiratory organs - Baln. Pol. 4, 160-166, 1953. 2 tables.
The author introduces the idea of an evaporation index from the respiratory organs and of physiological deficit, as a theoretical criterion for the definition of the air humidity advantageous to the organism in different combinations of meteorological factors. Further the author presents the results of air analysis in the Spring of 1948 in Ciechocinek. In his final conclusions he postulates the necessity for empirical confirmation of accepted criteria.
- . HURYNOWICZ, J.: Mental hygiene with regard to the seasons of the year - Przegl.Hydr. i Met. 2-4, 44-45, 1948.
As a result of his investigations on mental ability, frequency of nervous system disturbances and conditions of exhaustion of school children and teachers - the author states that the maximum load on the brain and nervous system occurs in periods of lowest mental activity as it depends according to many authors, on climatic factors. In connection with this statement the author proposes that the schoolyear should begin in March, and that the summer holidays should follow the first term's work. The final examinations should be held after the second half year, in February. (English summary).

10. IWANOWSKA, A.: The influence of weather on rheumatism - Post. Rheumat. 1, 221-241, 1954.
Statistical elaboration of examination results made during the sanatorium treatment of rheumatic patients in Ciechocinek - Zdrój.
11. KOCYAN, I.: Alterations of the albumin content and blood sedimentation rates during the total eclipse of the sun in June 1954 - Przegl. Geofiz. 3, 1957.
12. KOCYAN, I., ZBIEGIEN, J., OGINSKI, A., WIECHA, D.: Results of examinations with Takata's reagent made in Suwałki during the total solar eclipse on 30th June 1954 - Przegl. Geofiz., 3, 1957.
Results of blood examinations of 7 healthy persons before and after the total solar eclipse in Suwałki and of the control group in Kraków - Cracow. (French summary).
13. KORCZYNSKI, L.: The mountain climate - Pam.Pol.Tow.Baln., 1, 100-177, 1932, 36 tables, 1 fig.
A review indicating the influence of mountain climate on the chemical components of the blood, physiological process of the skin, temperature of the body, metabolism and the nervous system. Detailed discussion of mountain disease. The above article was also published in: Przegl. Zdroj. Kap., 6, 1932.
14. KORCZYNSKI, L.: Movements of air masses and their importance - Gaz.Lek, 20, 373-377, 1933, 1 table, 1 fig.
After a short account of atmosphere circulation in Poland, the author discusses the influence of greater wind speed on persons suffering from meteorotropic allergy. Examples of statistical examinations and of meteorotropic diseases.
15. KORCZYNSKI, L.: The biodynamic of solar radiation - Pam.Pol.Tow.Baln., 68-145, 1933, 5 tabl.
This review includes characteristics of the physical peculiarities of solar radiation, the influence of radiation on the fluorescence, photoelectrical phenomena, chemical and photochemical changes in the living organism and bacteriocidal influences. The physiological changes in the human skin caused by solar radiation are discussed more extensively. The above article was also published in: Przegl.Zdroj,Kapiel. 6, 67-72, 1933.
16. KORCZYNSKI, L.: The influence of mountain climate on the circulatory system - Pam. Pol.Tow. Baln., 58-89, 1934. 12 tables, 3 figs.
A compilation showing the results of investigations made by many authors on the alteration of the arterial pressure and pulse frequency in high mountain-climate both in native inhabitants and tourists. The above article was also published in: Przegl. Zdroj. Kap., 4, 35-36, 1934; 5, 44-45, 1934; 6, 50-53, 1934.
17. KOSINSKI, W.: The influence of season on the aetiology and course of diseases - Pol. Tyg.Lek. 27/28, 863-868, 1948. 1 table.
The occurrence and the characteristics of the seasonal diseases.
18. KOWALSKI, E.: Eclampsia with regard to climatic and allergic factors - Ginek.Pol.1,44,1949.
19. KRAJEWSKI, F.: Changes in the blood gases as the result of frequent sojourn in localities with diminished barometric pressure and balanced or unbalanced partial oxygen pressure - Pol.Tyg.Lek., 27-28, 1049-1054, 1950.
The result of examinations made on dogs in the Aviation Institute of Medical Investigations.
20. MALCZYNSKI, S.: On the influence of a radial energy on the level of mineral blood components - Pol.Gaz.Lek. 47, 916-918, 1933. 2 figs.
The author presents the results of experiments on the alteration during a period of 9 days, of the mineral blood components in 2 dogs after 10-20 minutes' solar radiation (at noon in July) on the shaved skin of the back. He describes a rise in the level of calcium (Ca) and of potassium (K) in the blood.
21. MALCZYNSKI, S.: The cholesterol curve in animal blood after the solar irradiation - Pol.Tyg. Lek., 35, 636-637, 1934. 2 figs.
22. MESTER, A.: Meteoropathology and internal disease, particularly rheumatism - Acta Baln.Pol. 1, 23-26, 1937.
A review of the meteoropathological investigations.
23. MISSIURO, W.: On the activity of ultra-violet rays on the resistance of rabbits to reduced oxygen. - Pol. Tyg. Lek. 48, 1457-1459, 1946.
Blood examinations of irradiated animals and of controls includes indication of haemocryt, a computation of reticulocytes, erythrocytes and indication of the hemoglobin amount by Stadie's and Wu's method. Hilger-Spekker's photometer was also used. Changes in the blood picture after the U.V. treatment were also discussed.
24. MONIAK, J.: The problem of acclimatization of men in tropical regions - Przegl.Met.i Hydr. I, 123-140, 1950-1952.
The article deals with men in the middle geographical latitudes. The physiological in-

fluence of heat, intensive solar radiation, cloud , small thermal amplitudes, wind and great weather stability were discussed. (English summary).

25. RYDER, K.: Abnormal air pressures as a cause of professional diseases - Wiad.Lek., 5, 303-313, 1954.
This work contains the explanation of the physiological processes occurring in the human organism under the influence of a low or high air pressure and the prevention of the injurious effect of that factor on pilots and caisson workers.
26. RYDER, K.: The influence of the long wave radiant energy on health conditions - Wiad. Lek., 2, 125-128, 1954.
The chemical and thermal operations of infra red rays - prevention and treatment of dangerous solar burns.
27. SIEDLANOWSKA, E.: Hypertension in mountain climate - Pol.Tyg.Lek., 24, 915-919, 1957. 5 tables, 2 figs.
On the basis of the results of the examination of 1212 persons aged from 20 - 88 years, living in a mountainous village situated at a height of 800-900 m. above sea level, the author stated, that in the mountains hypertension appears in younger persons somewhat more frequently than in the lowland villages. In persons over 60 years of age, hypertension as well as the subjective and objective symptoms connected with it are more frequent. (English summary).
28. SKIBNIEWSKI, L.: The influence of maritime climate and of the sea on human beings - Gaz. Obs. P.I.H.M., 9, 5-7, 1950. 4 tables.
The features of maritime climate, their stimulative character and the need for a climatic stimulus dosage.
29. STENZ, E.: The solar spectrum with respect to human body - Pam.Po. Tow.Baln., Kraków, 12, 146-155, 1933; 1 fig.
This publication discusses the influence of solar radiation on man, which varies according to frequency and wave length, and depends on the changeability of intensity of solar radiation in time and space. As a supplement notes on methods of using the solarimeter, invented by Gorczyński, are given, and a short historical outline of actinometric examinations. The above article was also published in: Przegl.Zdroj.Kap., 1, 7-9, 1933.
30. WIECHA, D.: The influence of meteorological conditions on mortality in the city of Kraków in 1950 - Rozprawy Wydziału Pol.Akad.Umiej., Kraków, Seria I, 13, 2, 36, 1952. 9 tables, 4 figs.
The author presents the method and result of statistical examination of correlation between front passages and the movements of air masses with respect to number of deaths. He obtains a positive correlation.
31. WOJCIECHOWSKA, E.: Air movement in some Polish spas and its importance on health - Spraw. Polskiej Akademii Umiejętności, 4, 366, 1951.
32. WOJCIK - WIETRZNA, W.: The influence of atmospheric factors on mental fatigues in school children - Tow. Wyd. "Pogon", Wilno, 54, 1937. 38 tables, 3 figs.
The result of examinations on the influence of atmospheric factors - expressed by effective temperature - on the mental fatigue, among 108 children (girls aged from 10 - 15 years) in a school in Kraków and among 94 pupils in the secondary school at Łazy (Czechoslovakia). There is a method of calculation of the correlation factor between the known effective temperature and the number of errors - according to Bourdon's test. The author obtains an increase of the number of errors together with increasingly unfavourable conditions (high temperature) without any difference between sexes. In more difficult lessons, the number of errors was higher. (German summary).
33. ZAKRENT, S.: The air as a biodynamic factor - the gas components of the air and their importance in the life of organisms - Gaz.Obs. P.I.H.M., 3, 9-13, 1952 and 3, 12-14, 1952. 3 tables, 5 figs.
This article presents the problem of atmospheric air composition, the circulation of carbon in nature and the influence of oxygen, carbon dioxide and ozone on the human organism. The colloidal structure of the atmosphere, the types of diffused particles and methods and instruments of measurement are discussed.
34. ZAKRENT, S.: Special sensitivity of the human eye - physical basis of biometeorology - Gaz. Obs. P.I.H.M., 5, 5-9, 1955, 6 figs.
Photometry and optics of the atmosphere. When the results of investigations were elaborated, not only the physico-chemical but also physiological laws connected with the reception of optical reactions had to be taken into consideration. There is also a description of the morphology of the eye and the physiological and psychological process of sight.

HUMAN BIOCLIMATOLOGY

Section E: World literature

CLIMATOTHERAPY *

1. ALEKSANDROWICZ, Z.: Problems of contemporary medical bioclimatology - *Wszechświat*, 3, 22, 1946.
2. BINCER, W.: Climatological data for wartime medicine in Poland - *Przegl.Met. i Hydr.* 2-4, 56-61, 1948.
Discussion on measurements which should be carried out at wartime meteorological stations and the reasons for the need for further activity at such stations after the war. (English summary)
3. BORTKIEWICZ - RODZIEWICZOWA: Meteorological factors in the spa of Busko - *Arch.Hig.* Wilno, 4, 84, 1, 1935. 24 tables, 1 fig.
The result of examination of climatic conditions in the bath-cabins of 3 buildings of the saline-sulphur bathing establishment in Busko, carried out in July and August 1934. The temperature, humidity of the air and catathermometric temperature drop were measured. On the basis of changes occurring in climatic conditions during the day, the author characterises and evaluates all the three bath establishments. (French and German summary).
4. CHEŁCHOWSKI, W.: New climatological methodology for balneology - *Baln.Pol.* 4, 156-160, 1953.
The author discusses the adaptation and use of meteorological data in medical climatology.
5. CHEŁCHOWSKI, W.: Meteorology and climatology from the point of view of medicine - *Gaz. Obs. P.I.H.M.* 2, 4-6, 1953.
The author shows the usefulness of meteorological mean values in medical climatology, stressing the values of collective methods employing weather as the main factor. He discusses complex problems of balneoclimatic investigation - the scientific elaboration of indications and contra-indications for climatic treatment in health-resorts, the influence of climate on the organism and the problems of artificial climates.
6. CHEŁCHOWSKI, W.: The evaluation of spa-climate from the point of view of the treatment of hypertension - *Pam. Ogólnopol.Zjazdu Baln.w Inowrocławiu*, Warszawa, 28-29 V. 1954, 87-92, 1955. 2 tables, 1 fig.
The author deals with the question of sultry weather as unfavourable for hypertension. From that point of view he presents the results of 5 years' meteorological data (1949-1953) for 8 Polish spas (for lowland, mountainous and low mountainous regions). Problems: the period of appearance of hot days (criterion: 56° equivalent temperature), their amount, number, number of stormy days, highest values of air temperature and equivalent temperature.
7. CYBULSKI, T.: The climatic and spa treatment of pulmonic hilus glands - *Gaz.Lek.*, 20, 381-383, 1933.
The author discusses the dosage of stimuli in climatic treatment of tuberculosis of children in the spa of Rabka.
8. CYBULSKI, T.: Practical notes on climatic-spa treatment - *Pol.Gaz.Lek.*, 449, 1938.
9. DOBRZYŃSKI, J.: Health-resorts as biological sanitary stations - Warszawa, 302, 1949, with 1 map and 59 tables.
Advice for the physician and all who are interested in the subject. A chapter on the influence of climatic factors on the organism outlines the characteristics of low-land, mountain and sea climates.
10. DOBRZYŃSKI, J.: Principles of spring and of climatic cures-indications and contra indications - *Państw. Zakł.Wyd.Lek.* Warszawa, 106, 1954 and one map.
11. DOBRZYŃSKI, J.: Problems of contemporary hydroclimatology - *Pol.Tyg.Lek.* 41, 1425-1433, 1950.
The author discusses the influence of climatic stimuli on the organism.
12. DZIUS, S.: Climate and therapeutic prognoses of the sea shore - *Gaz.Lek.*, 20, 394-395, 1933.
On account of its features the maritime climate of the Polish shores is not suitable for the treatment of tuberculosis and rheumatism, but it is recommended for persons with

increased blood pressure.

13. ELIASIEWICZ, Wł.: Some notes on our maritime climatological therapy - *Przegl.Lek.*, 11, 395-398, 1947.
14. GORCZYNSKI, W.: Concerning the organisation of actinometric work in Poland - *Przeg. Met. i Hydr.*, 313-314, 1951.
A review of actinometric investigations in Poland and future projects.
15. GORCZYNSKI, W.: Physical and climatological basis for actinotherapy - *Pol.Tyg.Lek.* 33, 930-936, 1947, 2 figs.
At the beginning the author discusses the influence of solar radiation on man and the principles of actinotherapy. After making the reader acquainted with different types of actinometers, he outlines a solarimeter of his own invention, based on the principles of the thermopile. This apparatus permits measurements of total (Q sol.), indirect (Q pyr.) and diffused (Q diff.) radiation.
16. GRACZEWSKI, J.: An outline of actinotherapy - phototherapy - *Państw.Zakł.Wyd.Lek.*, Warszawa, 112, 1951; 4 tables, 16 figs.
Besides artificial sources of radiation the author takes solar radiation into consideration though in a lesser degree. Description of artificial sources of radiation, solar radiation and heliotherapeutic manipulations. Critical review - *Stenz, Przegl.Met.i Hydr.* 23-4, 146-147, 1952.
17. KARPINSKI, J.: Bio-ecology of health-resorts - *Balneol. Polska*, 1, 116-120, 1951.
The author shows that a health-resort is a specific biocenotic complex and, as such, requires proper protection and exploitation.
18. KOLAGO, C.: Investigations on medical geography - *Lek.Inst.Nauk. Wyd.*, Warszawa, 27, 1948.
The variety of environmental influences on the organism. Methods of examination and an outline of their history.
19. KOLAGO, C.: Infectious diseases in medical geography - *Państw.Zakł.Wyd. Lek.*, Warszawa, 27, 1950.
A discussion of the influence of meteorological factors on the development of infectious diseases.
20. KOLAGO, C.: Climatic and hydrographic investigations at health-resorts - *Pol.Tyg.Lek.* 25, 1947; *Lek.Inst.Nauk.Wyd.*, Warszawa, 763-764, 1947.
The organisation and range of bioclimatological research in Poland.
21. KORCZYNSKI, L.: Description of the climatology and characteristics of the Polish health-resorts - *Pam.Pol.Tow.Baln.*, 12, 1-45, 1933; 32 photos. The above article was also published in: *Przegl.Zdroj.Kap.*, 1, 9-12, 1933 and 2, 23-24, 1933.
22. KORCZYNSKI, L.: An outline of medical climatology - *Pol.Tow.Baln.*, Kraków, 320 and 552 in two volumes, 259 tables and 70 figures, 1936.
An extensive manual of medical climatology including the following chapters: The physics of climate; Instrumental equipment of health-resort meteorological stations (written by E. Stenz); Biodynamics of meteorological factors; Geophysical climatic divisions; Europe's climatic regions; Types of climate of medical significance; Characteristic and geography of the climate in Poland; Climatic regions of Poland; Mountain climate - its characteristic features, and influence on the organism. Medical directions for all who are staying in mountain climates. Carpathian health-resorts, climatic stations and more important summer resorts; Desert climate - characteristic features, influence on the organism, medical directions, and more important desert health-resorts; Forest climate - characteristics, influence on the organism and so on; Maritime climate - characteristics, influence on the organism and so on.
23. KORCZYNSKI, L.: The science of balneology and climatology and the need for their study - *Przegl.Zdroj.Kap.* 7, 108-111, 1931.
The author advocates the need for the creation of a faculty of medical balneology and climatology, and of scientific research stations. He also stresses the need for issuing a special scientific periodical devoted to bioclimatology.
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