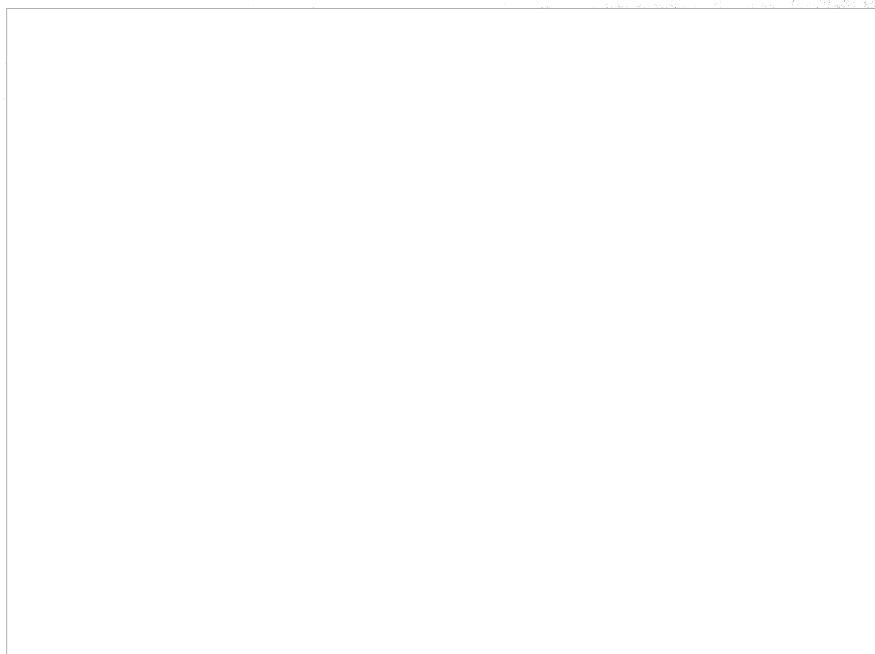


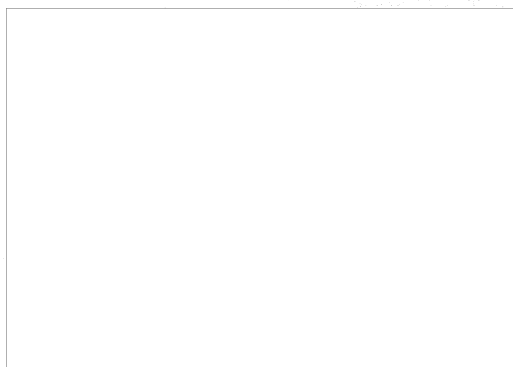
50X1-HUM



THE QUATERNARY OF THE DANUBE DELTA

German doc, 1951

50X1-HUM



RESTRICTED

THE QUATERNARY OF THE DANUBE DELTA

Max Pfannenstiel

Geographische Anstalten

Vol. 6, 1950

Geographical Institute of the

UNIVERSITY of BONN, Germany

TABLE OF CONTENTS

Introduction: History of the delta research problems.

- I. The newer tertiary and older quaternary deposits and processes in the Black Sea and the Lower Danube region
 1. The upper levantine of the Danube delta
 2. The "Tschanda" layers of the Black Sea
 3. The older euvine paleogene layers of the Danube delta
 4. The mediterranean uzunlar layers ^{3'} ~~1'~~ Taraklia (Teraklia) in Southern Bessarabia.
 5. Was the northern Bourdaha-herst an island in the older euvine freshwater sea?

- II. Eustatic variations in the Black Sea and Danube delta during Riss glaciation and Riss-Wurm interglacial interval.
 1. The positive earth-crust motions of the post uzunlar period
 2. The marine mediterranean terraces of the Karangat-period in the Pontus [Black Sea].
 3. The mouths of the Danube during the Karangat-period
 - a. The Danube estuary in the delta region
 - b. The second mouth of the Danube of the Karangat-period and the Danube valley Gernavoda-Constanta (Karasu-valley).
 - c. von Vincke's reasons for denying the existence of a Danube course in the Gernavoda-Constanta valley

- 1 -

RESTRICTED

RESTRICTED

- d. ~~Romulus~~ Sevastos regarding the "Karasu-Danube"
- III The Black Sea and Danube delta in the ~~Neem~~ glacial period
 - 1. Eustatic regression of the Black sea and tectonics in the neo-euxine period
 - 2. Submarine river beds of the Black Sea of the ~~Neem~~ period resulting from eustatic ~~depression~~ lowering.
 - a. The ~~submarine~~ submarine bed of the Danube
 - b. The submarine beds of the Cogălnice and the Haidere rivers
 - c. The submarine bed of the Dajestr
 - d. The submarine beds of the Dniestr and Bug
 - e. The submarine beds in the Black Sea of the small rivers of Romania, Bulgaria, Russia, and Turkey.
 - f. Where is the submarine bed of the Don and what is its direction?
 - 3. The results of the eustatic ~~depression~~ ^{lowering} of the Pontus in the lower Danube region during the ~~Neem~~ glacial period I.
 - a. Diversion of the Karasu-Danube into the present bed
 - b. Reversed flow in the Karasu valley
 - c. Formation of the Danube estuary during ~~Neem~~ period I
- IV The Flanders (Flandrische) Transgression and the Danube delta
 - 1. The development of the Danube delta during the interval ~~Neem~~ II/III
 - 2. The morphological results of the ~~Neem~~ Flandrian transgression.
 - 3. The delta during the post glacial climatic optimum.
- V The Danube delta during historic times and at present
 - 1. Surface formations of the delta.
 - 2. The ~~sub~~ recent and recent dunes and the land-spits.

RESTRICTED

- v 1. a. The ^{de}pre-sent (sub-rezent) and recent dunes and the land-salts
- b. Land and river remains in the Banube delta
- c. The difference in origin of the Delta lakes
2. Valsan's "New hypothesis regarding the Banube delta".
3. The interior construction of the delta
 - a. The depth of the solid rock foundation of the delta
 - b. Thickness of the recent ocean sediments in front of the delta

Conclusion

Bibliography

- E N D -

- 3 -

RESTRICTED