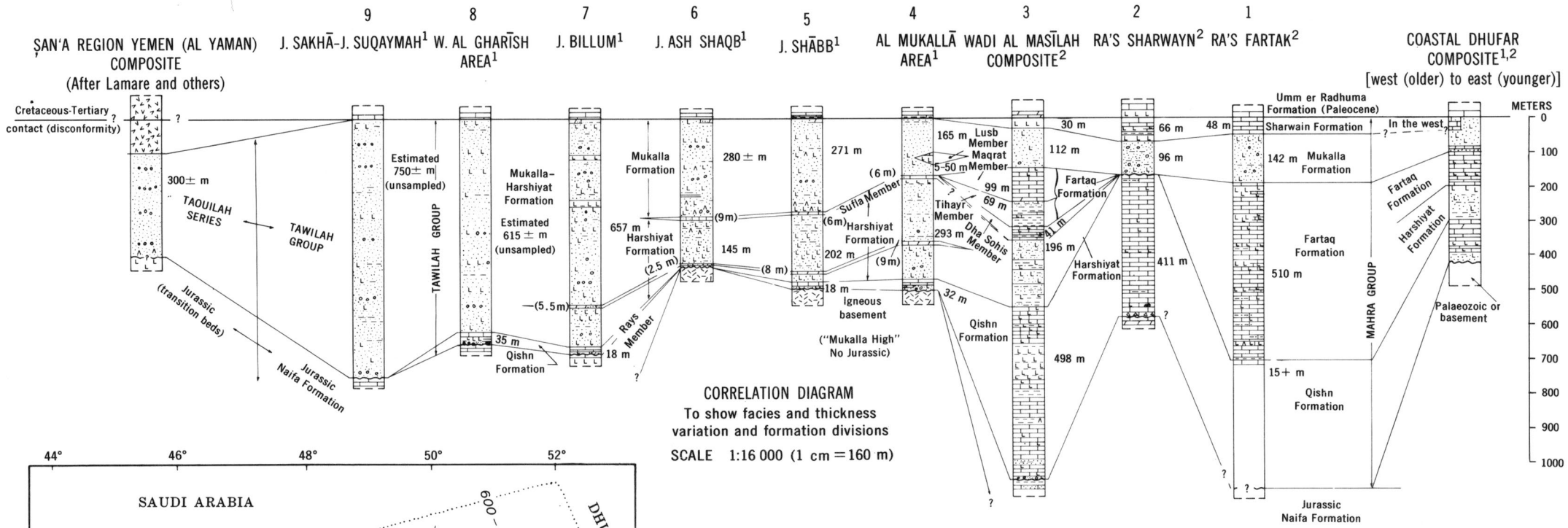
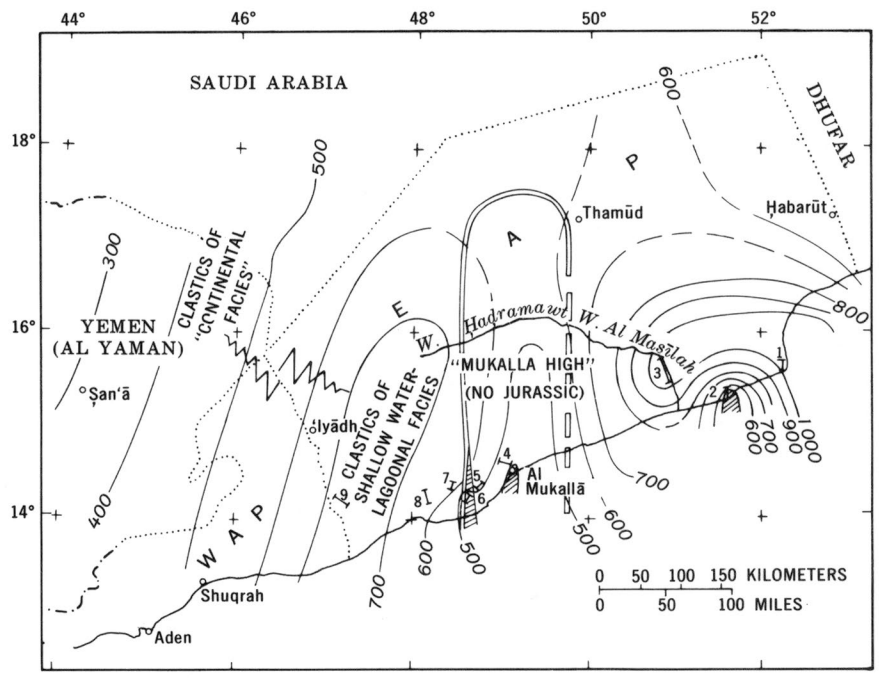


CORRELATION DIAGRAM
To show facies and thickness variation and formation divisions
SCALE 1:16 000 (1 cm = 160 m)



MAP OF SOUTHWEST ARABIA
Showing location of sections, influence of uplifted blocks on sedimentation, and tentative isopachs on total Cretaceous

Reproduced from "The Stratigraphy and Structure of The Eastern Aden Protectorate" by Z. R. Beydoun, 1964, by kind permission of the Controller of Her Britannic Majesty's Stationery Office, London

EXPLANATION

Approximate extent of terminal Jurassic and Early Cretaceous "Mukalla High"

Local highs during varying periods of the Cretaceous

Very tentative isopachs on total Cretaceous. Contour interval 100 meters (note: Influence of terminal Jurassic and Early Cretaceous uplifts persisted to affect sedimentation) — 600

Measured sections. Note: Marine transgressions from the east — 3

Operative boundaries (approximate)

Sandstone (continental in Al Yaman, shallow water-lagoonal elsewhere)

Conglomerate
Siltstone
Shale
Marl
Gypsum-anhydrite

Limestone
Dolomite
Dolomitic limestone
Brecciated limestone
Extrusives
Unconformity
75 m — Formation thickness, in meters

[1]After Z. R. Beydoun and others (unpub. data, 1955-59)

[2]After R. Wetzel and D. M. Morton (unpub. data, 1948) Revised by Z. R. Beydoun (unpub. data, 1959)

COLUMNAR SECTIONS OF THE CRETACEOUS OF THE EASTERN ADEN PROTECTORATE

223-233 O - 66 (In pocket)