

Contents

Preface	vi
MCCAVE, I. N. Charles Davis Hollister, 1936–1999: A personal scientific appreciation of the father of ‘contourites’	1
STOW, D. A. V., FAUGÈRES, J.-C., HOWE, J. A., PUDSEY, C. J. & VIANA, A. R. Bottom currents, contourites and deep-sea sediment drifts: current state-of-the-art	7
MCCAVE, I. N., CHANDLER, R. C., SWIFT, S. A. & TUCHOLKE, B. E. Contourites of the Nova Scotian continental rise and the HEBBLE area	21
TUCHOLKE, B. E. The Greater Antilles Outer Ridge: development of a distal sedimentary drift by deposition of fine-grained contourites	39
LABERG, J. S., VORREN, T. O. & KNUTSEN, S.-M. The Lofoten Drift, Norwegian Sea,	57
HOWE, J. A., STOKER, M. S., STOW, D. A. V. & AKHURST, M. C. Sediment drifts and contourite sedimentation in the northeastern Rockall Trough and Faroe–Shetland Channel, North Atlantic Ocean	65
AKHURST, M. C., STOW, D. A. V. & STOKER, M. S. Late Quaternary glacial contourite, debris flow and turbidite process interaction in the Faroe–Shetland Channel, NW European continental margin	73
KNUTZ, P. C., JONES, E. J. W., HOWE, J. A., VAN WEERING, T. J. C. & STOW, D. A. V. Wave-form sheeted contourite drift on the Barra Fan, NW UK continental margin	85
STOW, D. A. V., ARMISHAW, J. E. & HOLMES, R. Holocene contourite sand sheet on the Barra Fan slope, NW Hebridean margin	99
SIVKOV, V., GORBATSKIY, V., KULESHOV, A. & ZHUROV, Y. Muddy contourites in the Baltic Sea: an example of a shallow-water contourite system	121
STOW, D. A. V., FAUGÈRES, J.-C., GONTHIER, E., CREMER, M., LLAVE, E., HERNÁNDEZ-MOLINA, F. J., SOMOZA, L. & DÍAZ-DEL-RÍO, V. Faro–Albufeira drift complex, northern Gulf of Cadiz	137
ERCILLA, G., BARAZA, J., ALONSO, B., ESTRADA, F., CASAS, D. & FARRÁN, M. The Ceuta Drift, Alboran Sea, southwestern Mediterranean	155
REEDER, M. S., ROTHWELL, G. & STOW, D. A. V. The Sicilian gateway: anatomy of the deep-water connection between East and West Mediterranean basins	171
ROVERI, M. Sediment drifts of the Corsica Channel, northern Tyrrhenian Sea	191
FAUGÈRES, J.-C., ZARAGOSI, S., MÉZERAIS, M. L. & MASSÉ, L. The Vema contourite fan in the south Brazilian basin	209
FAUGÈRES, J.-C., LIMA, A. F., MASSÉ, L. & ZARAGOSI, S. The Columbia Channel–Levee system: a fan drift in the southern Brazil Basin	223
GOMES, P. O. & VIANA, A. R. Contour currents, sediment drifts and abyssal erosion on the northeastern continental margin off Brazil	239
VIANA, A. R., HERCOS, C. M., DE ALMEIDA JR., W., MAGALHÃES, J. L. C. & DE ANDRADE, S. B. Evidence of bottom current influence on the Neogene to Quaternary sedimentation along the northern Campos slope, SW Atlantic Margin	249
VIANA, A. R., DE ALMEIDA JR., W. & DE ALMEIDA, C. W. Upper slope sands: late Quaternary shallow-water sandy contourites of Campos Basin, SW Atlantic Margin	261
UENZELMANN-NEBEN, G. Contourites on the Agulhas Plateau, SW Indian Ocean: indications for the evolution of currents since Palaeogene times	271
PUDSEY, C. J. The Weddell Sea: contourites and hemipelagites at the northern margin of the Weddell Gyre	289
MICHEL, K. H., KUHN, G., HILLENBRAND, C.-D., DIEKMANN, B., FÜTTERER, D. K., GROBE, H. & UENZELMANN-NEBEN, G. The southern Weddell Sea: combined contourite–turbidite sedimentation at the southeastern margin of the Weddell Gyre	305
PUDSEY, C. J. & HOWE, J. A. Mixed biosiliceous–terrigenous sedimentation under the Antarctic Circumpolar Current, Scotia Sea	325
CUNNINGHAM, A. P., HOWE, J. A. & BARKER, P. F. Contourite sedimentation in the Falkland Trough, western South Atlantic	337
REBESCO, M., PUDSEY, C. J., CANALS, M., CAMERLENGHI, A., BARKER, P. F., ESTRADA, F. & GIORGETTI, A. Sediment drifts and deep-sea channel systems, Antarctic Peninsula Pacific Margin	353
ESCUTIA, C., NELSON, C. H., ACTON, G. D., EITREIM, S. L., COOPER, A. K., WARNKE, D. A. & JARAMILLO, J. M. Current controlled deposition on the Wilkes Land continental rise, Antarctica	373
CARTER, L. & MCCAVE, I. N. Eastern New Zealand drifts, Miocene–Recent	385
STOW, D. A. V., OGAWA, Y., LEE, I. T. & MITSUZAWA, K. Neogene contourites, Miura–Boso forearc basin, SE Japan	409
ITO, M. Kuroshio Current-influenced sandy contourites from the Plio–Pleistocene Kazusa forearc basin, Boso Peninsula, Japan	421
LUO, S., GAO, Z., HE, Y. & STOW, D. A. V. Ordovician carbonate contourite drifts in Hunan and Gansu Provinces, China	433
STOW, D. A. V., KAHLER, G. & REEDER, M. Fossil contourites: type example from an Oligocene palaeoslope system, Cyprus	443
Index	457

It is recommended that reference to all or part of this book should be made in one of the following ways:

STOW, D. A. V., PUDSEY, C. J., HOWE, J. A., FAUGÈRES, J.-C. & VIANA, A. R. (eds). 2002. *Deep-Water Contourite Systems: Modern Drifts and Ancient Series, Seismic and Sedimentary Characteristics*. Geological Society, London, *Memoirs*, **22**.

AKHURST, M. C., STOW, D. A. V. & STOKER, M. S. 2002. Late Quaternary glacial contourite, debris flow and turbidite process interaction in the Faroe–Shetland Channel, NW European continental margin. *In*: STOW, D. A. V., PUDSEY, C. J., HOWE, J. A., FAUGÈRES, J.-C. & VIANA, A. R. (eds) *Deep-Water Contourite Systems: Modern Drifts and Ancient Series, Seismic and Sedimentary Characteristics*. Geological Society, London, *Memoirs*, **22**, 73–84.